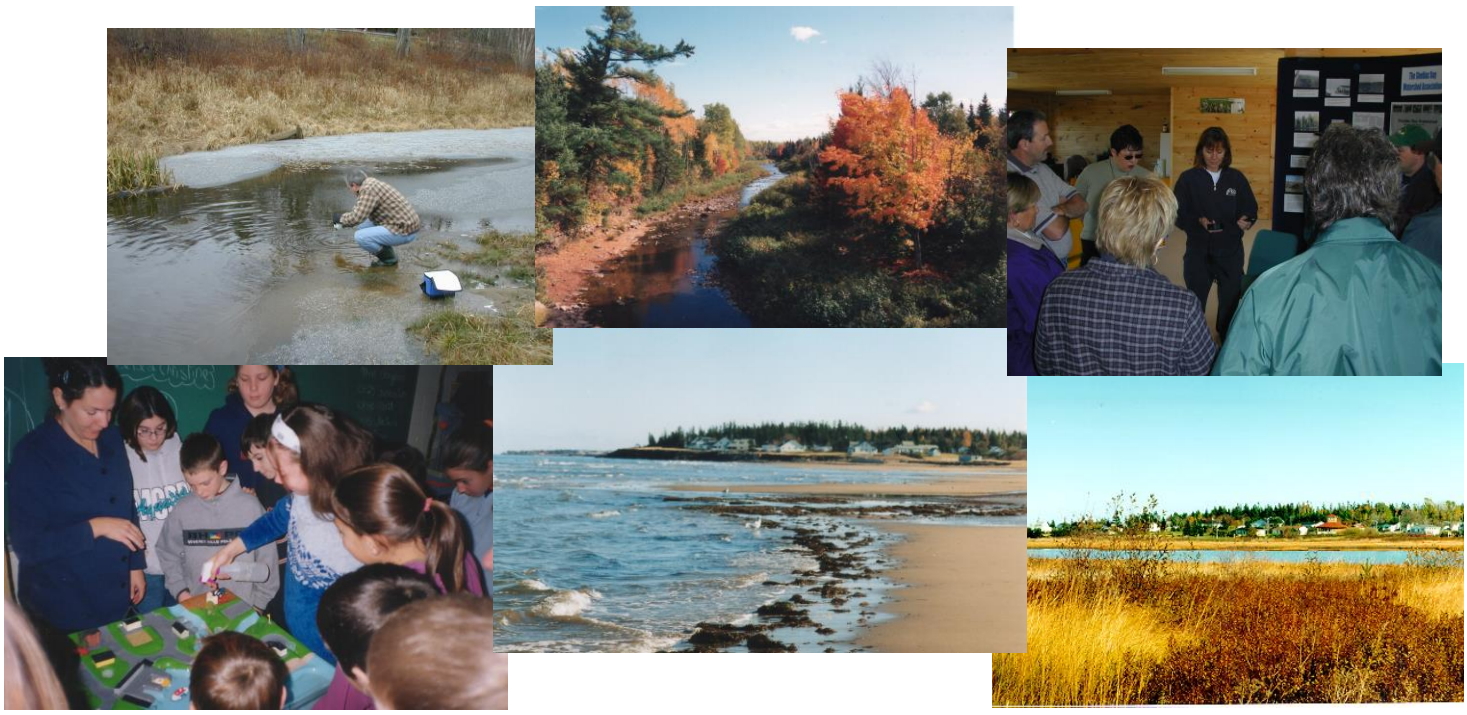
The Shediac Bay Watershed Association

Provisional Water Classification Report 2000 – 2003



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March 2003

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Executive Summary

The Shediac Bay Watershed Association initiated the Provincial Water Classification Program in the spring of 2000 in partnership with the New Brunswick Department of Environment and Local Government's Outreach and Partnering team. Three seasons of water quality monitoring have been conducted by volunteers throughout various sampling sites within the watershed. This report is a compilation of the freshwater monitoring results compared to factors such as land use, precipitation, temperature, geology and public input – which all serve to classify the major tributaries under the water classification standards. The data retrieved through this process is essentially a valuable tool for the Shediac Bay Watershed Association to employ with achieving its vision of improving water quality in the rivers and streams of the Shediac Bay watershed. This will be accomplished through remediation strategies in consultation with stakeholders in reference to the data contained herein.

Acknowledgements

Special mention is warranted to all of the SBWA Board of Directors – whose ongoing support and interest continues to ensure the viability of the SBWA and especially to the following Executive Members: William Murray (President), Odette Babineau, Edgar Hachey, Pierre Landry and Armand Bannister for their guidance and dedication.

The SBWA is also very grateful to the following agencies and individuals for their continuous contributions:

- Scoudouc River Canoe Club for volunteering with the water monitoring process;
- Outreach and Partnering Program of the New Brunswick Department of Environment and Local Government (DELG): Jane Tims, Nelda Craig, Colette Lemieux, John O'Keefe, Patrick LeBreton;
- Donald Bourgeois, Regional Water Plannification Officer, NBDELG;
- Members of the SBWA Technical Committee: Stephen Drost, DELG; Diane Fury, Health & Wellness; Marcel Richard, Parlee Beach Provincial Park; Nathalie Brun, Beaubassin Planning Commission; Ron Boudreau, Greater Shediac Sewage Commission; Terry Melanson, Fisheries & Oceans; Bernard Richard, Environment Canada;
- Town of Shediac: Mayor Bellieveau and Council Members, Paul Boudreau, Emery Bourque;
- Beaubassin Planning Commission: Armand Robichaud, Julien Couturier;
- Shediac Bay Marina: Manager Ron Boudreau;
- Fisheries & Oceans;
- New Brunswick Dept. of Agriculture, Fisheries & Aquaculture;
- Service New Brunswick digital mapping data.

And special thanks to the many individuals within the many government departments and funding agencies, etc whose co-operation and assistance has been invaluable with our success.

"True wisdom consists in not departing from nature and in molding our conduct according to her laws and model." Seneca (4 B.C.-A.D. 65), Moral Essays

Many regards,

Krista Morrissey
Shediac Bay Watershed Association

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1.0 Description of the Shediac Bay Watershed Association (SBWA)

1.1 Background of the SBWA

The Shediac Bay Watershed Association (SBWA) was founded in 1999 as a result of local community residents being concerned over the ecological health of Shediac Bay. The decision to form a community-based association in order to establish a long-term water quality monitoring program was therefore made.

A full-time coordinator and a field technician are staff of the Association and several students are usually hired during the summer season. Funding is provided mainly by New Brunswick's Environmental Trust Fund, with other generous contributions obtained through grants or donations by various organizations such as New Brunswick's S.E.E.D Program, HRDC's Summer Career Placement (SCP) Program, New Brunswick's Workability Program, HRDC's Workforce Expansion Program, the Shell Environmental Fund (SEF), Environment's Community Animation Program (CAP) and Environment Canada's EcoAction Program.

The Shediac Bay Watershed Association's constitution includes the following vision and mission statements:

> **Vision -** Communities working together to foster a healthy ecosystem that will sustain the quality and quantity of water for future generations.
>
> **Mission** – The Shediac Bay Watershed Association will accomplish its vision through education and community stewardship.

1.2 The SBWA Board of Directors, Partners and Stakeholders

The Shediac Bay Watershed Association is managed by a Board of Directors consisting of thirteen members representing the various interests and regions of the watershed. The Board of Directors meets on a monthly basis and includes the following members:

Mr. William R. Murray, President
Mr. Edgar Hachey, 1st Vice-President
Mr. Pierre Landry, 2nd Vice-President
Mr. Armand Bannister, Treasurer
Mrs. Odette Babineau, Secretary
Mr. Greg Murphy
Ms. Helen Hall
Mr. André Veniot
Mr. Dismas Bourque
Ms. Dominique Maillet
Mr. Frank Boudreau
Mr. Louis LeBlanc
Mr. Ron Robichaud

The Shediac Bay Watershed Association is very appreciative of the in-kind support, guidance and donations from the following partners: the two watershed mentor groups, Petitcodiac Watershed Monitoring Group & Eastern Charlotte Waterways; SENB Wood Marketing Board, J.D.Irving Ltd., Shediac Rotary Club, New Brunswick Department of Natural Resources and Energy, New Brunswick Department of the Environment and Local governments, the New Brunswick Agricultural Environmental Management Initiative (AEMI) Program, the Conservation Council of New Brunswick and the Southern Gulf of St. Lawrence Coalition on Sustainability.

Other important partners of the SBWA include a list of over 300 stakeholders having an interest in the quality of water within the Shediac Bay watershed (refer to Appendix E for details). This list of stakeholders consists of business-owners, industry, foresters, farmers, local residents, cottage owners, recreationalists, conservation groups and community organizations within the Shediac Bay watershed.

4.0 Overview of the Water Classification Program

2.1 The Water Classification Regulation

The Water Classification Regulation commenced on March 1st, 2002 and is a regulation under the Clean Water Act. The regulation emphasizes a multi-stakeholder approach to water planning and enables watershed groups to partner with stakeholders across the province to set goals for surface water quality and to promote management of water on an individual watershed basis. The regulation enables classes to be assigned to the water of rivers, streams, and lakes within watersheds and applies water quality and management standards to those waters.

Water classification has six possible classes or categories for the water of lakes and rivers or segments of rivers into categories or classes base on water quality goals (The Water Classification Regulation, 2002). The classes include: O – Outstanding Natural Waters, AP – drinking water supplies, AL – all lakes, ponds and impoundments not classed Outstanding or AP, A – excellent water quality, B – good water quality, and C – acceptable water quality.

2.2 Examples of each Class

Class	Definition	Characteristics
Outstanding Natural Waters	Pristine waters classified through a nominations process	-Habitat for aquatic life; primary and secondary contact activity -Aquatic life, *E.coli*, dissolved oxygen and trophic status shall be as naturally occurring -Prohibited; release of a contaminant; creation of a new mixing zone; release of a contaminant into a mixing zone; significant withdrawals
AP	Designated Surface drinking water supplies (*classified on commencement of the Regulation*)	-Raw drinking water, covered under the *Watershed Protected Area Designation Order* -Aquatic life, dissolved oxygen, E.coli and trophic status shall be as naturally occurring
AL	All lakes, ponds, and impoundments[1] (classified on commencement of the *Regulation*)	-*E.coli* shall be as naturally occurring -Trophic status shall be stable or naturally changing; the water shall be free of algae blooms that impair use as habitat for aquatic life, or use for primary or secondary contact activity -Prohibited: direct discharge of a contaminant that is not being released, or any increase in the volume or concentration of a contaminant that is being directly discharged, on the date of commencement of the *Regulation* and Creation of a new mixing zone
A	Excellent water quality Managed to have water quality and aquatic life as it occurs naturally	-Aquatic life and E.coli shall be as naturally occurring; and trophic status shall be stable or naturally changing; water shall be free of algae blooms that impair use as habitat or activities -Suitable uses: swimming, fishing, boating (primary)

		-Prohibited activities: creation of a new mixing zone; release of a contaminant into a mixing zone -Dissolved Oxygen concentrations for aquatic life shall be at required levels[2]
B	Good water quality Manage to support all native species, and to maintain health in the resident aquatic community	- Aquatic indigenous biological community shall not be adversely impacted by releases; E.coli: shall be less then 200 MPN/ 100ml; and trophic status shall be stable or naturally changing; water shall be free of algae blooms that impair use as habitat or activities - Suitable use: swimming, boating and fishing (primary) - Prohibited activities: Actions causing the waters to not meet the standards for the B class -Dissolved oxygen concentration for aquatic life shall be at required levels[2]
C	Acceptable water quality Manage to support native fish species, and although changes can occur the resulting aquatic community is viable	- Releases may cause some changes to aquatic community but indigenous fish species are supported and the resident community structure and function is maintained; E.coli: shall be less then 400 MPN/ 100ml water - Suitable uses; boating and fishing (secondary) - Prohibited activities: Actions causing the waters to not meet the standards for the C class - Dissolved Oxygen concentration for aquatic life shall be at required levels[2]

[1] The Minister can exclude some impoundments and lakes from the AL class; for example: at a hydroelectric dam or peat moss extraction site.

[2] For cold water species: ≥ 9.5 ppm (early life stages) and ≥ 6.5 ppm (other life stages); for warm-water species: ≥ 6.0 ppm (early life stages) and ≥ 5.0 (other life stages); ≥ 80% of saturation in estuarine waters.

2.3 Steps Required for Classification

The Water Classification program allows for stakeholders such as industry, foresters, cottage owners and other landowners and users to participate in setting goals for protecting their waterways. The steps within the classification process include the following:

1. Identifying all stakeholders within a specific watershed and set up a database to communicate with them on a regular basis and engage them in the goal setting exercise;
2. Monitoring the quality of water within the watershed by conducting consistent water sampling for a minimum two-year period.
3. Referring to the water sampling results and comparing these to land use data and upcoming municipal & rural planning activities to suggest classes for each tributary sampled.
4. Consulting with stakeholders to propose classifications for waters of the watershed and to communicate these goals to the Minister of the Department of the Environment & Local Government. Developing action plans to achieve the proposed classifications.

2.4 Project Goal

The goal of the Water Classification Regulation is to protect aquatic life so that even in a Class C section of river the water quality must be acceptable and support a viable aquatic community. The waters within a specific watershed will be studied and a provisional water classification will be established and the goals for water quality will be achieved through collaborative approach of working with the local community residents, businesses and industries that live, work and play in the watershed.

5.0 SBWA and the Final Year of preparing a Provisional Water Classification

3.1 Overview of Water Sampling Activities

The fifteen sampling sites of the Shediac Bay watershed are located mainly along the tributaries and the main stem of the Scoudouc and Shediac Rivers. The sites were selected as per provincial standards according to topography, water flow and drainage area. Monitoring was conducted by the Scoudouc River Canoe Club as volunteers. They received training by the Department of the Environment and Local Government on how to take proper water samples.

The monitoring took effect monthly over a four-year period during the spring, summer and fall seasons as follows:

Table 1 - Water Quality Monitoring Dates

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.
1999										x	x	
2000										x	x	x
2001						x	x	x	x	x	x	
2002						x	x	x	x			

However, year one and year two of the Water Classification exercise concentrated on 2001 and 2002 respectively. Table 2 indicates the exact coordinates of each of the fifteen sampling locations, which were recorded using a Global Positioning Systems (GPS) unit. All of the sites fall under UTM zone 20, NAD83 datum and transverse mercator projection. (Please see Appendix B for complete water monitoring results).

Sample Point	Northing	Easting	ENVI historical ID
Scoudouc A – Scoudouc River near Malakoff	5111369	382760	00BR01BT0011
Scoudouc B – Scoudouc River near Big Meadow	5111049	379150	00BR01BT0012
Scoudouc C – Scoudouc River, south of Ohio-au-Barachois	5112749	385750	00BR01BT0016
Scoudouc D – Scoudouc River at powerline	5116549	382250	00BR01BT0017
Scoudouc E – near pipeline crossing	5114599	382700	00BR01BT0018
Scoudouc F – near Francis' camp	5114999	383850	00BR01BT0019
Scoudouc G – Scoudouc River at Trans Canada Highway	5109149	373300	00BR01BT0020
Shediac A – Shediac River near Irishtown	5118009	361150	00BR01BS0046
Shediac B – McQuade Brook at Scotch Settlement	5121049	365470	00BR01BS0047
Shediac C – Shediac River at Cape Breton Rd	5118499	365475	00BR01BS0048
Shediac D – Shediac River D/S from Evangeline	5121639	370150	00BR01BS0049
Shediac E – Shediac River at covered bridge	5122399	371550	00BR01BS0050
Shediac F – Calhoun brook near Saint Philippe	5119099	370475	00BR01BS0051
Shediac G – Weisner Brook near Saint Philippe	5118948	370750	00BR01BS0052
Shediac H – Batesman Brook at Bateman's Mills	5120779	375000	00BR01BS0053

Table 2 - Sampling Location Coordinates

**Department of the Environment and Local Government corresponding station listing can be found in Appendix F

3.2 Analysis of Water Quality Results

A detailed analysis of the quality of water is provided in a separate Water Quality Report submitted to the Minister of the Environment & Local Government. This report highlights all of the parameters that were tested in each sample such as: alkalinity, aluminum, antimony, arsenic, cadmium, calcium, chloride, chromium, color, conductivity, copper, fluoride, iron, lead, magnesium, manganese, nickel, nitrate, nitrate & nitrite, Nitrite, parts hydrogen, potassium, sodium, sulfate, suspended solids, total ammonia, total hardness, total kiedahl, total organic carbon, total phosphorus, turbidity, zinc, temperature, dissolved oxygen, *Escheria coli*, chlorophyll a and secchi.

Most parameters tested during the three-year sampling period had levels below the Canadian Water Quality Guidelines (CWQG) for the protection of aquatic life. A summary of the CWQG for the protection of aquatic life can be found in Appendix A.

It was nevertheless noticed that the vast majority of sample sites had average levels of aluminum above the CWQG for the protection of aquatic life (0.005mg/L at Ph<6.5 and 0.1mg/L at Ph>6.5) Aluminum levels usually are attributed to their natural abundance in soils, sediments, and bedrock and the weathering thereof. The elevation in aluminum found in the water samples follow a seasonal trend, with higher quantities of aluminum found in autumn, corresponding with increased rainfall.

Iron was also noticed as having higher than CWQG for the protection of aquatic life (0.300mg/L) for average levels at all of the Scoudouc River sites and almost half of the Shediac River sites. The remaining Shediac River sites had recorded higher levels for at least one sample date. High levels of Iron are attributed to their natural abundance in soils, sediments, and bedrock and the weathering thereof.

Zinc was only measured an average level higher than the CWQG for the protection of aquatic life (0.030mg/L) at the Scoudouc G site. Zinc is often derived from paints, rubber, textiles, fertilizers, pesticides and fossil fuels. Natural sources include the weathering of Zinc containing minerals.

Calcium was noted as having higher levels for most of the sample sites during at least one sample date at both Shediac and Scoudouc River sites. There is no set guideline for this parameter. Calcium is abundant in the earth's crust and its presence in surface waters result primarily from natural sources.

E. coli was also noticed as having higher levels for most of the sample sites during at least one sample date at both the Shediac and Scoudouc River sites (Please see Appendix A for a summary of the CWQG). *E. coli* may enter a watercourse directly via sewage or be directly carried in by surface runoff from a manure pile adjacent to a river. Heavy or continuous rain will increase the amount of surface runoff and may temporarily increase the levels in a river.

Copper was noted as having results in about half of the Shediac River sites with high levels (Shediac A, Shediac D, Shediac E, Shediac G, Scoudouc B and Scoudouc F). The toxicity of copper varies with water hardness but all averages of the sampling events of each station were considered to be low. Industrial inputs of copper can result from the corrosion of copper pipes, use of fungicides and pesticides, and industrial effluents. Natural sources only constitute a small percentage of the surface water's source but they include the weathering of copper minerals or native copper. (Please refer to Appendix A for a summary of the CWQG for Copper levels for the protection of aquatic life.)

Cadmium was only considered to have an average higher than the CWQG for the protection of aquatic life level at two of the sample sites (Shediac D and Scoudouc D). Shediac B was also noted to have a few high values for cadmium testing. (Please refer to Appendix A for a summary of the CWQG for Cadmium levels for the protection of aquatic life.)

There is no set CWQG for the protection of aquatic life for Total Phosphorus but a recommendation of not more than 0.03mg/L for flowing waters is suggested by some jurisdictions. Most of the Scoudouc River sites had more than half of its sample dates showing high levels. Shediac F and Shediac H were recorded as having high levels on a couple of occasions.

Parts hydrogen or pH was measured and had one sample date at Scoudouc C with an average higher that the CWQG for the protection of aquatic life (between 6.5 to 9.0 is recommended). Some sample sites were subsequently recorded as having a couple of sample dates with higher levels but with an average under the CWQG limits (Scoudouc A, Scoudouc B, Scoudouc D and Scoudouc F).

Finally, Nickel, Total Organic Carbon, and Nitrite were also noted to have a couple of sample dates with higher levels of these parameters (Shediac A, Shediac H, Scoudouc A, Scoudouc C, and Scoudouc G). Averages for these parameters were still under the recommended guidelines.

4.0 First Year of Water Classification Accomplishments

Year one of the water classification project focused on implementing the *Water Management & Community Capacity Development Project* which included:

- continuation of the water quality monitoring program with volunteers
- completion of a progress report with the water results obtained to date - submitted to the Minister of the Environment & Local Government,
- establishing the marine environmental quality monitoring program (in partnership with Parlee Beach Provincial Park, DFO, Environment Canada, Dept. of Health and Wellness, DELG, and the Greater Shediac Sewage Commission),
- completion of three cattle fencing projects,
- stream surveys,
- a partial septic system evaluation and
- benthic sampling in three locations of the watershed.

5.0 Second Year of Water Classification Accomplishments

Year two of the water classification project focused on implementing the *Water Management & Community Capacity Development PhaseII Project* which included:

- completion of the water quality monitoring program with volunteers,
- completing the water classification provisional report through public sessions that utilized a consensus building approach to setting water quality goal,
- completion of the water analysis report,
- GIS mapping,
- a cattle fencing project,
- a steam restoration project,
- an oyster restoration exhibit and
- the continuation of public education.

6.0 The Shediac Bay Watershed Study Area

6.1 Watershed Boundary

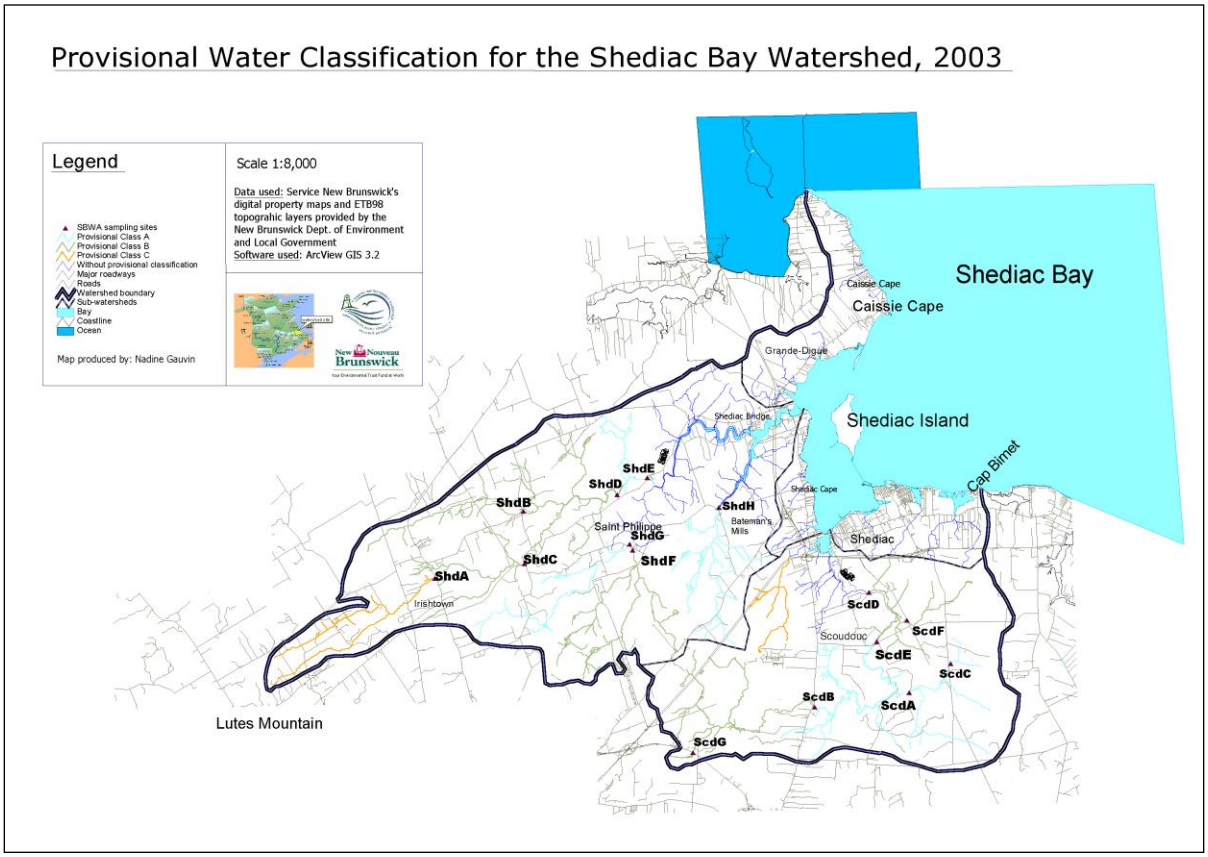
The Shediac Bay watershed covers 400 km^2 of land area. The watershed stretches along forty kilometers of coastline, from Cap Bimet to Cap de Cocagne and as far inland as Lutes Mountain near Moncton (see Figure 1). The watershed is rich with animals, birds, aquatic life, farmland, forestry, fishing, and in history and tourism. Its kilometers of sandy beaches make it one of the most popular destinations in the province.

The population of the watershed is approximately 15,000 and includes the communities of Pointe du Chêne, Cap-Bimet, Cap Brulé, Boudreau Office, Town of Shediac, Shediac Road, Shediac Cape, Shediac River, Shediac Bridge, Scoudouc, Irishtown, Saint-Philippe, McDougall Settlement, Grand-Digue, Caissie-Cape, Cap de Cocagne (eastern portion), Cape Breton Road and Grand Barachois.

The Shediac Bay watershed is composed of two major river systems: The Shediac River and the Scoudouc River. Although the watershed boundary stretches into both Kent and Westmorland County, the tributaries of both major rivers are located for the most part in Westmorland County. Tributaries independent from both major river systems can be found in both counties of the watershed and flow directly into the bay. The Shediac river tributaries stretch as far as the Irishtown area, cross both the Shediac and Moncton parishes and meander through many agricultural, forested and residential areas. The Shediac River system includes the McQuade Brook, which runs through Scotch Settlement and the Weisner and Calhoon Brooks that flow through and south of the Saint Philippe area. All three brooks and many unnamed others join to form the first large arm of Shediac River. The second large arm of Shediac River is Batemans Brook that dips down towards the Batemans Mills area and runs past Highway 15. Both arms of the Shediac River join and empty into Shediac Bay near the Shediac Bridge area.

The mouth of the Scoudouc River system is located in the Town of Shediac and stretches into the Scoudouc area. The various tributaries of the Scoudouc River branch towards the Malakoff area and out near Ohio Road. Its tributaries run through wetlands, near an industrial park, residential and forested areas. The major part of the Scoudouc River system is located in the Shediac parish, but does stretch into the Moncton parish as well.

Figure 1 - Map of Shediac Bay Watershed



6.2 Land Use Data

The watershed's landscape is fairly flat with the highest point of the far inland reaches of Shediac River at approximately 560 meters above sea level. Because of the flat terrain, the current of the rivers and tributaries emptying into the Bay are typically slow moving. The Bay itself has a weak current flowing eastward to the Northumberland Strait. The urban area of the watershed – Town of Shediac - makes up 2.5% of the watershed and consists of light industrial, commercial, and residential land. The remaining rural areas include the following land uses: forest areas, beaches, dunes, wetlands, agricultural practices, light industrial (fish plants, glass manufacturing, etc.), natural resource extraction (forestry and pits), commercial services, and residential and commercial development (Jordan, 2000).

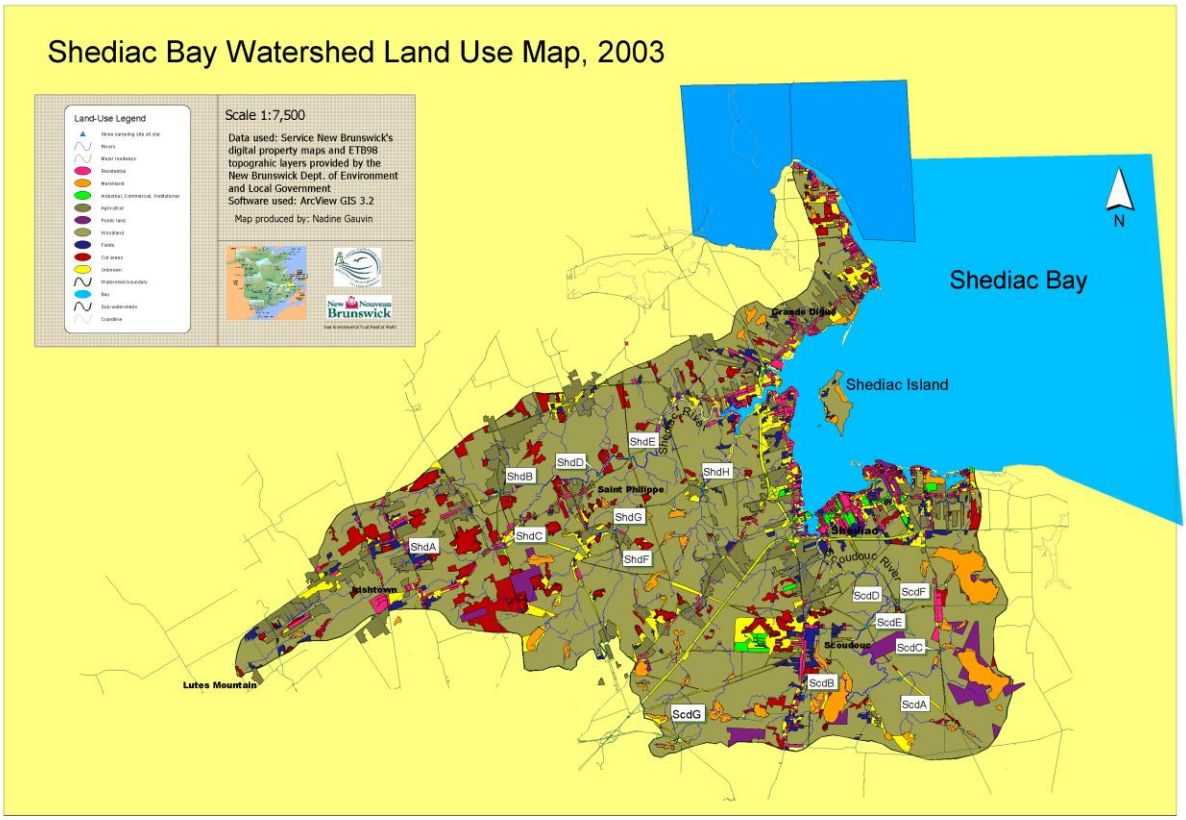


Figure 2 - Land Use of the Shediac Bay Watershed

6.3 Geology

Most of the sample sites are located within the Maritime Plain or Lowlands, a physiographic region, which is underlain by horizontally lying Pennsylvanian and Mississippian sandstone. Carboniferous and sedimentary rock composed the entity of the bedrock. Terrain is fairly flat with highest the highest point reaching 560m.

Soil parent materials reflect the varied geological history of the area, with deposits of glacial tills, marine-lacustrine, alluviums, and organics. Mineral soil thickness is typically less than 2.5m. Compact loamy-textured glacial lodgment tills dominate the area. Glaciofluvial deposits occupy such a small area that they are grouped with marine sediments. Since all of the area was subjected to a period of postglacial marine submergence, marine and glaciomarine soils are common. In many instances sandy marine cappings are so thin that they have been incorporated into the underlying till profiles during soil formation. Some loamy and clayey marine-lacustrine deposits also occur. Alluvial deposits are associated with most stream courses. Tide deposited sediments are restricted to minor floodplains. Scattered organic soils occur. They are at various stages of development, including bogs, fens and swamps (Rees *et al*. 1996).

The Shediac Bay watershed lies over different soil associations or land types. We can find: the Interval Association (Shediac G), the Stony Brook Association (Shediac D, Shediac F, Shediac H, Scoudouc A and Scoudouc F), the Tracadie Association (Scoudouc B) and finally the Tracy Association (Shediac B, Shediac E, Scoudouc D, Scoudouc E and Scoudouc G). The remaining 3 water sample sites (Shediac A, Shediac C and Scoudouc C) have not yet been soil sampled. Detailed descriptions of land types and disposition of survey sites can be found in Appendix C.

6.4 Ecological Land Classification: Eastern Lowlands

The entire Shediac Bay Watershed is located within the Eastern Lowlands Ecoregion. It is characterized as having a flat to gently rolling terrain, and extends from Dalhousie at the northern tip of the Province to Sackville at the southeastern tip (Figure 1). Elevations are usually around sea level along the coast but can range up to 150 m in central parts of the region. The elevation then recedes again towards the Grand Lake Basin Ecoregion. Carboniferous and sedimentary rock composed the entity of the bedrock.

Precipitation levels are the lowest in the province within this ecoregion. The combination of relatively low precipitations and the presence of westerly winds contribute to the warmest temperatures within this ecoregion. (average 1500 - 1700 annual growing degree days; Dzikowski et al. 1984).

The presence of jack pine and black pine, both fire-adapted species, often result from this ecoregion's history of forest fires. The dry conditions and warm temperatures of the region are often the cause of these fires.

For various reasons, such as poor soil drainage, cold air affect and low elevation, we see a decrease in the occurrence of meso-climatic conditions. In addition, associated hardwood forest types usually found in mid-elevation ridge-tops and upper slopes in the Province have also decreased. Boreal-type forest communities, hence, are common compared with the adjacent Continental Lowlands for example.

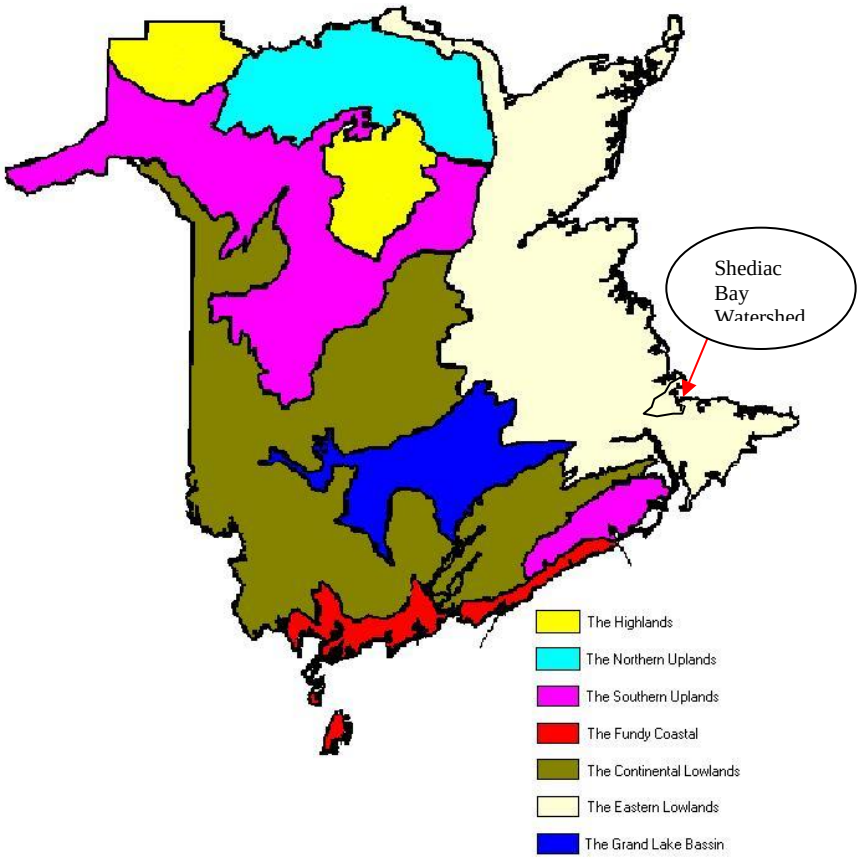


Figure 2.1 Ecoregions of New-Brunswick

6.5 Water Quality as Compared to CWQG and Water Classification Standards

The Canadian Water Quality Guidelines (CWQG) for the Protection of Aquatic Life were published in 1991 by the Canadian Council of Ministers for the Environment (CCME) and provide a comprehensive guidance for the consistent derivation of scientifically defensible water quality guidelines for the protection of freshwater and marine environments. The guiding principles ensure that guidelines "are set at such values as to protect all forms of aquatic life and all aspects of the aquatic life cycles"(CCME 1991).

The *Volunteer's Guide to Water Quality Monitoring* by the New Brunswick Department of the Environment and Local Government uses the parameters set forth by CWQG (see Appendix A for details). The watercourses within a watershed have been provisionally classified based partly on the CWQG for the protection of aquatic life and the water quality standards and management features as per the of the New Brunswick Water Classification regulation.

7.0 Public Participation with Water Classification

7.1 Public Information Sessions

Public information sessions were held on the following dates: February 25th, 7pm at the Golden Age Club in Scoudouc, February 26th, 8pm at the Young Smith Hall in Shediac Cape and March 5th, 7pm at the Shediac Island Nature Centre next to the Shediac Bay Marina.

The first public information session on February 25th welcomed 15 people in attendance. The attendees were cooperative and readily offered their opinion and knowledge on proposed classes. The February 26th meeting in Shediac Cape presented problems regarding the amount of information available to the 17 attendees. Members of the public that were present felt that they lacked information on the consequences implied by the water classes under the NB Water Classification Regulation. Furthermore, attendees felt they lacked the graphical representation of the various chemical, physical and biological parameters effecting the water quality at each site needed for them to provide their input. Finally, after much discussion the attendees agreed to conclude the session and more information would be made available at the March 4th session. The March 4th information session proved much more productive and had an attendance of 15 people. Parameters affecting the water quality at each site were well represented in graphical format and members of the public shared their opinions and advice more willingly. Personal one on one meetings in advance of the March 4th meeting were offered with some individuals who attended the first session but whom would not be able to attend the March 4th meeting.

7.2 Communications Strategy

In order to raise public awareness for the public consultation sessions, various methods of communication were utilized. Stakeholders throughout the watershed boundaries were contacted by mail. Announcements were placed in church bulletins and invitations were sent to all email users on our stakeholders lists. Memos were sent during the month of February to the Town Council of local communities, Local Service District Representatives and local government agencies. The memos informed the public of the date, location, time of each session and provided a brief description of the purpose of the consultation sessions. See appendix E for a complete list of stakeholders and examples of notices and information packages used.

The location of each consultation session was chosen in an attempt to accommodate and reach members of communities in different regions of the watershed. Maps and water sampling parameter results were available as pamphlets, individual information packages that were given out before the beginning of each presentation and were also posted on the walls at each consultation session. The consultation sessions began with a PowerPoint presentation explaining the New Brunswick Water Classification Regulation, the watershed boundaries and tributaries, water sampling parameters and results, and the suggested classification for tributaries and river segments based on monitoring results, management features and land

use. The presentation was followed by the public consensus component where each tributary with a suggested classification was examined and comments recorded. During this portion of the consultation session, maps and graphical information regarding land use and water sampling results for each particular tributary under discussion was viewed on the projector. Once a public consensus was achieved for each tributary with a provisional classification, the session was adjourned.
Areas represented by the attendance received include the Scoudouc area, Shediac Cape, Shediac Bridge, Cape Brulé, Pointe du Chêne and Shediac area. The areas less represented by the attendance include the Irishtown area, Caissie Cape, Grand Digue and St. Philippe area.

7.3 Media Input

The location, time and dates for each public consultation session were published both in the Times Transcript and Moniteur Acadien and were broadcast on local radio stations such as CBC radio and CJSE radio.
The media coverage received for the water sampling results, provisional water classification and public consultation included three separate articles by the Times Transcript, one article by the Moniteur Acadien as well as interviews and reports broadcasted on CBC radio and CJSE radio. See appendix D for examples of articles published by the media.

8.0 Provisional Classification for each Tributary

The following section describes the sub-watersheds of the Shediac Bay watershed and their associated classes. Also, the action plans to meet the classes objectives have been established.

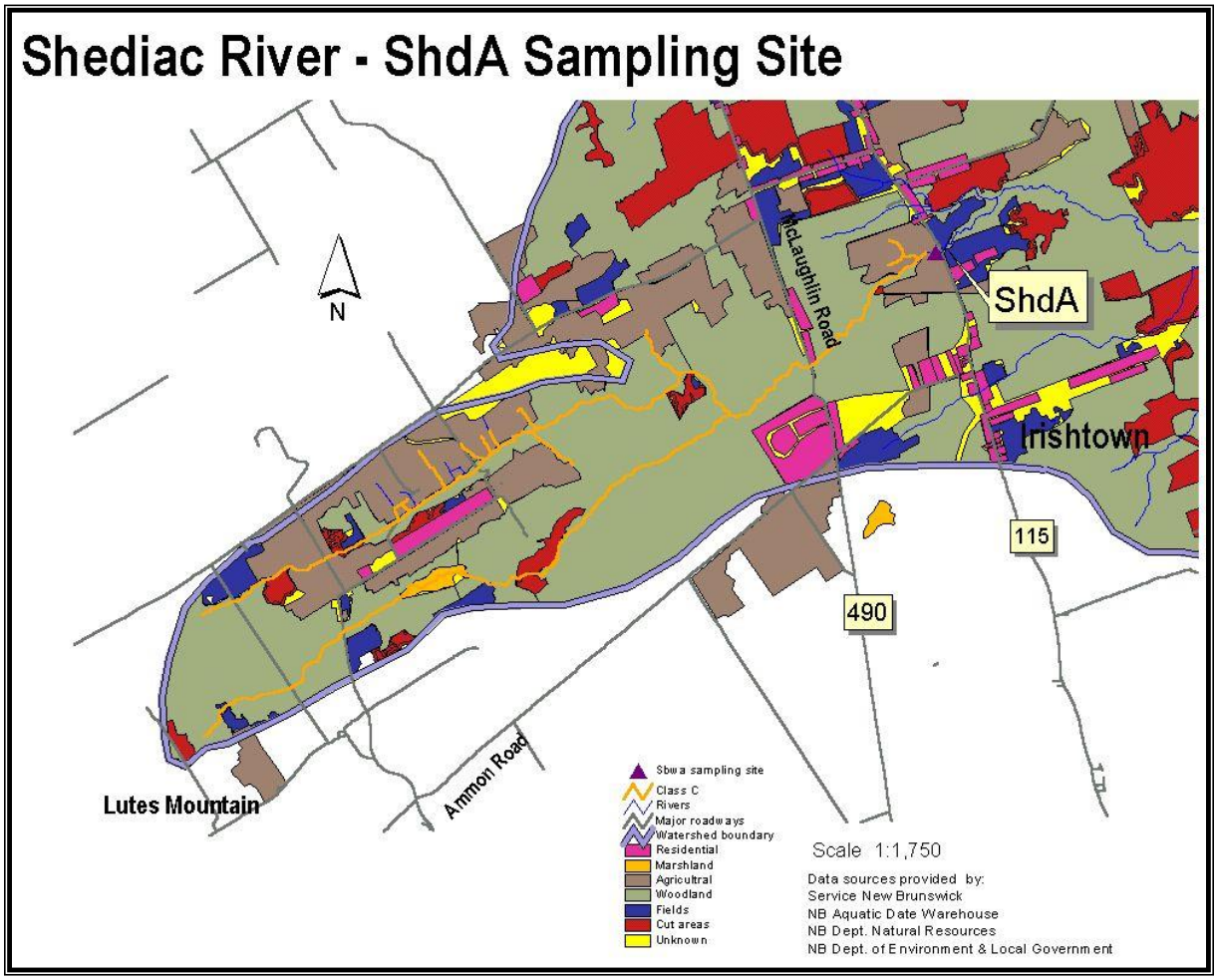


Figure 3 - Shediac "A" - Sampling Site

8.1 Shediac A – Provisional Classification for Shediac River near Irishtown, above Route 115

Water Classification if based on existing water quality:

-Very high *E. coli* values of 700 MPN/100ml indicate Class C standards are not being met. General water chemistry results for Aluminum does not meet the CWQG for the protection of aquatic life while pH, Arsenic, Chromium, Copper, Iron, Ammonia, Nickel, Nitrite, Lead and Zinc. Dissolved oxygen meet the standards for A Class.

Suggested Classification:
-Class C, based on existing water quality and the bottom line management goal for the waters must be Class C. Region is known to be of agricultural nature. Future plans of residential development upstream of sample site.

Provisional Classification as a result of public consultation:
-Class C to be achieved through proposed action items

Proposed Action Items:
- Identify stakeholders having a possible effect on this sampling site.
-Educate stakeholders.
-Establish a communication and participation towards better land management with different individuals or groups.
-Continue restoration programs.
-Promote adoption of best management practices.
-Develop stronger partnerships with agriculturalists in this region of the watershed.
-Do more investigations to better define the contaminant sources.

Description of Sampling Site:
-On Route 115, Irishtown road, between the junctions with Ammon road and Scotch settlement road.
-Just upstream from culvert.
-Farms located upstream of area.
-Excellent fencing jobs on both side of river.
-UTM Northing : 5118009, UTM Easting : 361150

Land Use Information and General Observations for the watershed area of this stream segment :
-This region is known to be agricultural and it has to be integrated into the designation of a water class. Active farming is occurring near and upstream of the monitoring site. Residences can be found in the vicinity of the sample area. Future plans for a housing development is upstream of sample site. A lot of silt is present on bottom and surrounding rocks.

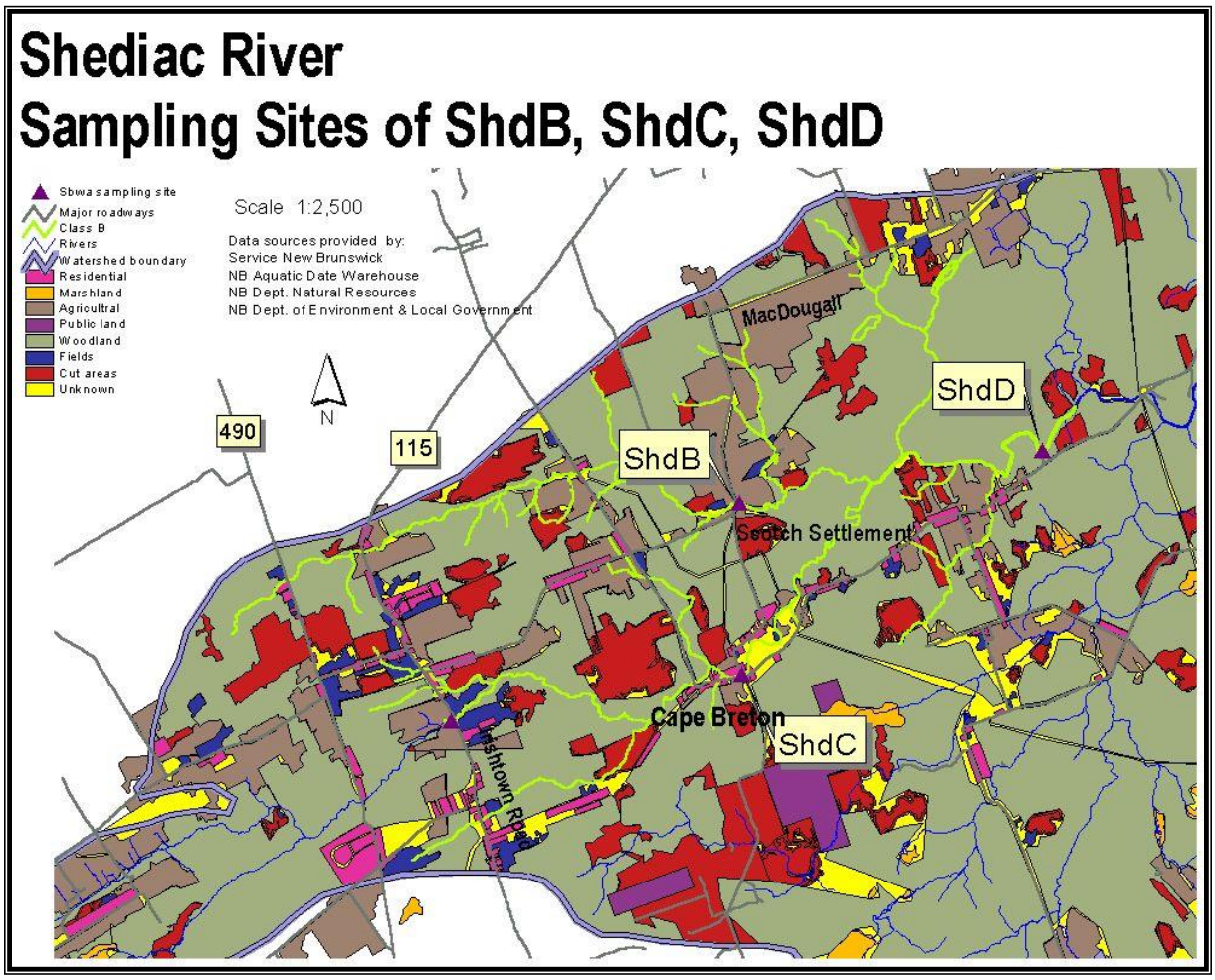


Figure 4 - Shediac "B", Shediac "C" and Shediac "D" - Sampling Sites

8.2 Shediac B– Provisional Classification of McQuade Brook at Scotch Settlement

Water Classification if based on existing water quality:
-Higher *E. coli* values of 78MPN/100ml indicate Class B. This level is considered higher than naturally occurring. The other parameters all meet the CWQG for the protection of aquatic life. Dissolved oxygen readings indicate A Class.

Suggested Classification:
Class B, based on existing water quality and the bottom line management goal for waters must be Class B.

Provisional Classification as a result of public consultation:
-Class B to be achieved through proposed action items.

Proposed Action Items:

-Identify and educate stakeholders having a possible effect on this sampling site.
-Establish a communication and participation towards proper land management if possible with different individuals or groups.
-Identify precisely the contaminant sources.
-Maintain *E. coli* levels through time.
-Promote the adoption of best management practices.
-Promote sustainable forestry practices.

Description of Sampling Site:
-On the Scotch settlement road, North of the junction with the McLean cross road.
-Site located just upstream from culvert under road.
-UTM Northing : 5121049, UTM Easting : 365470

Land Use Information and General Observations for the watershed area of this stream segment:
-There is a history of use for agriculture in this area.
-The majority of this portion of the watershed is forested land.
-Some residential usage.
- There are no major development plans for the area in near future.

8.3 Shediac C – Shediac River at Cape Breton road

Water Classification if based on existing water quality:
-Higher than naturally occurring *E. coli* levels '104 MPN/100ml' indicating a B Class. All other parameters meet the CWQG for the protection of aquatic life. Dissolved oxygen readings indicated A Class.

Suggested Classification:
-Class B, based on existing water quality and the bottom line management goal for waters must be Class B.

Provisional Classification as a result of public consultation:
-Class B to be achieved through proposed action items.

Proposed Action Items:
-Identify stakeholders having a possible affect on this sample site.
-Educate stakeholders.
-Establish a communication and participation towards better land management.
-Do more investigations to better define the contaminant sources.
-Establish a stronger communication between SBWA and this region of the watershed.

Description of Sampling Site:
-On the Cape Breton road, near the junction with the McLean settlement road.
-Just upstream from bridge on road and downstream from small tributary.
-UTM Northing : 5118499, UTM Easting : 365475

Land Use Information and General Observations for the watershed area of this stream segment:
-There is a history of use for agriculture in this area. Residences can be found in the vicinity of the sample area. There are no major future development plans in this area. Forested land can be found surrounding this portion of the watershed.

8.4 Shediac D – Provisional Classification for Shediac River downstream from Evangeline

Water Classification if based on existing water quality:
-Higher than naturally occurring *E. coli* levels of '83MPN/100ml' meet the standards of a B Class. General water chemistry indicates Aluminum and Cadmium exceed the CWQG for the protection of aquatic life. The remaining parameters meet these standards. No dissolved oxygen readings are available for this area of the watershed.

Suggested Classification:
Class B, based on existing water quality and the bottom line management goal for waters must be Class B.

Provisional Classifications as a result of public consultation:
Class B to be achieved through proposed action plans.

Proposed Action Items:
-Identify stakeholders having a possible effect on this portion of the watershed.
-Educate stakeholders.
-Establish a communication and participation towards better land management with different groups or individuals.
-Promote best management practices to farmers.
-Promote better forestry practices.

Description of Sampling Site:
-Follow road from Evangeline to roadway leading to reclaimed gravel pit. Walk down gravel road south of pit area.
-Sample site located on downstream side of bed in river.
UTM Northing : 5121639, UTM Easting : 370150

Land Use Information and General Observations for the watershed area of this stream:
-History of forestry in the area.
-A few residences in region could possibly have an effect on water quality at this portion of watershed.

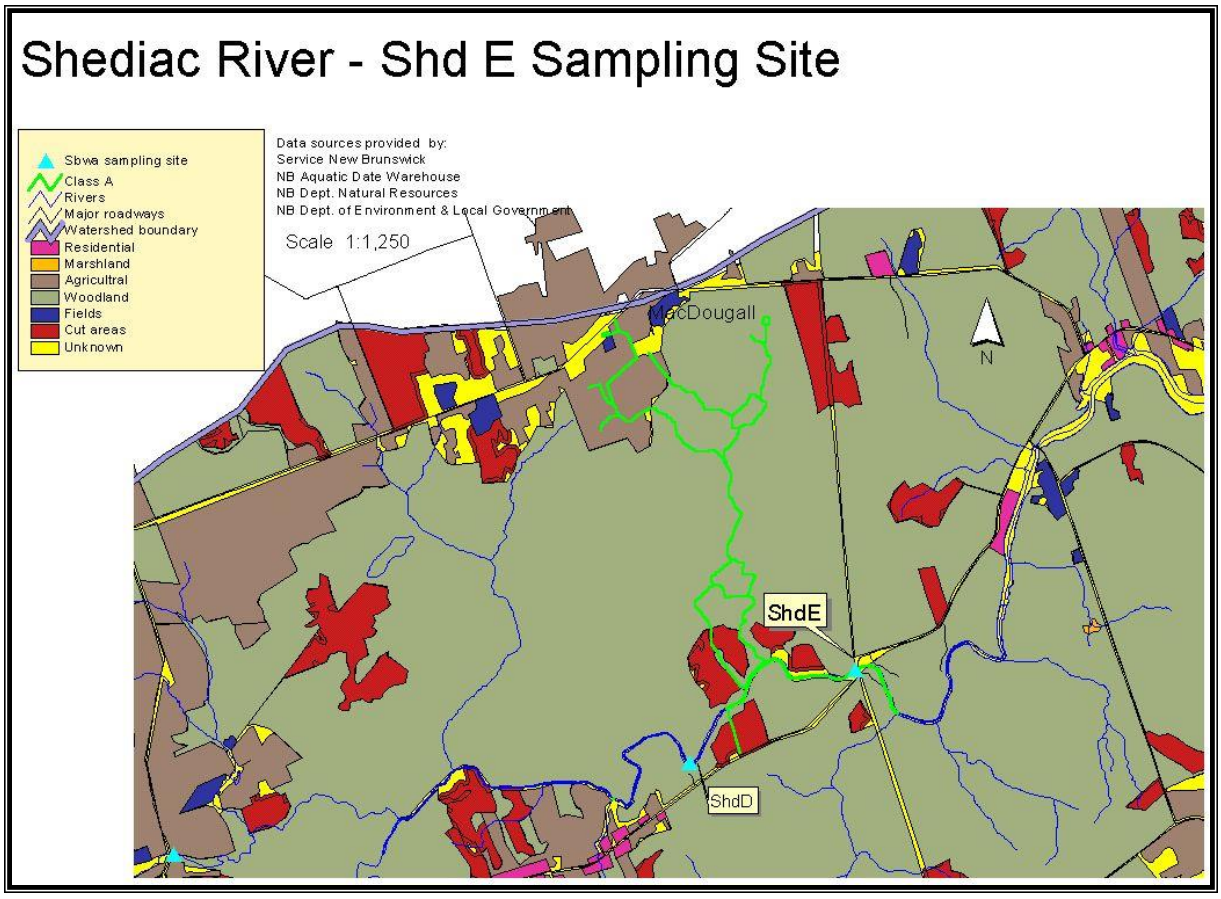


Figure 5 - Shediac "E" - Sampling Site

8.5 Shediac E – Provisional Classification for Shediac River at covered bridge location

Water Classification if based on existing water quality:
-All parameters indicate levels meeting the CWQG for the protection of aquatic life except for Aluminum which is considered as a background level, indicating a Class **A**. *E. Coli* and dissolved oxygen levels also meet the standards of Class A.

Suggested Classification:
-Class A, based on existing water quality and the bottom line management goal for waters must be Class A.

Provisional Classification as a result of public consultation:
Class A to be achieved through proposed action items.

Proposed Action Items:
- Identify stakeholders having a possible effect on this sampling site.
-Educate stakeholders.

-Establish a communication and participation towards better land management with different individuals or groups.
-Maintain low *E. coli* levels.

Description of Sampling Site:
-Shediac River at covered bridge.
-Sample site located upstream from mouth of Weisner Brook.
-Site is just upstream from bridge.
-UTM Northing : 5122399, UTM Easting : 371550

Land Use Information and General Observations for the watershed area of this stream segment:
-History of forestry, past and present.
-Promote better forestry practices.
-Agricultural regions are located upstream from this portion of watershed.

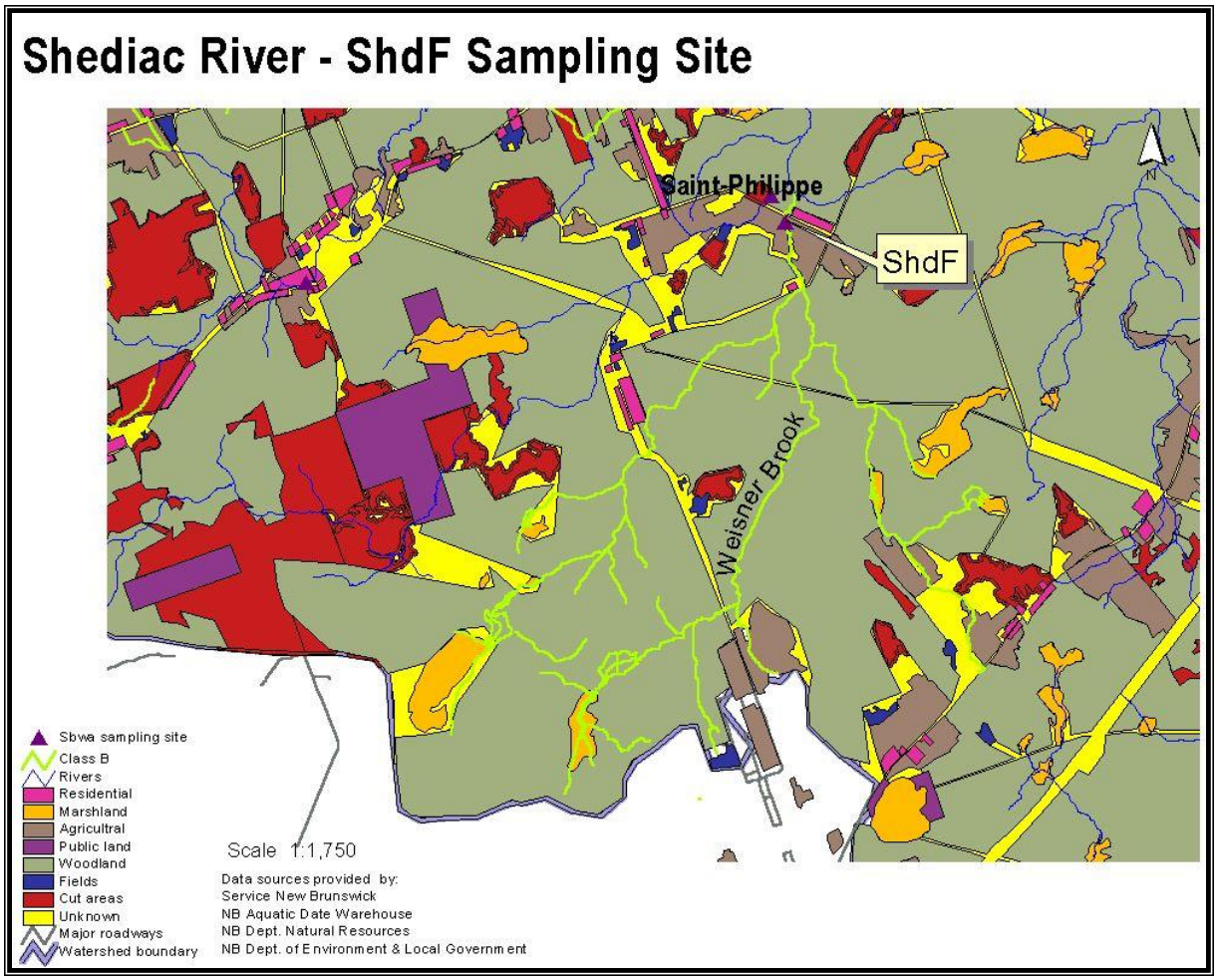


Figure 6 - Shediac "F" - Sampling Site

8.6 Shediac F – Provisional Classification for Calhoun Brook near Saint-Philippe

Water Classification if based on existing water quality:
-Higher than normal *E.coli* levels of 68 MPN/100ml indicate a Class B. Only Iron and Aluminum both exceed the CWQG for the protection of aquatic life. Dissolved oxygen readings are not available for this section of the watershed.

Suggested Classification:
Class B, based on existing water quality and the bottom line management goal for waters must be Class B.

Proposed Action Items:
- Identify stakeholders having a possible effect on this sampling site.
-Educate stakeholders.
-Establish a communication and participation towards better land management with different individuals or groups.
-Promote best management practices in agriculture.
-Promote better forestry practices.

Description of Sampling Site:
-Calhoun Brook upstream from culvert.
-Under the road, near Saint-Philippe.
-Site located just upstream from culvert.
-UTM Northing : 5119099, UTM Easting : 370475

Land Use Information and General Observations for the watershed area of this stream segment:
-Sample site is located in proximity to Caledonia industrial park.
-Mini-home development located upstream of this portion of watershed.
-There is a history of use for agriculture in this area.
-The majority of this portion of the watershed is forested land.
-A few residences can be found the vicinity of the sample area.

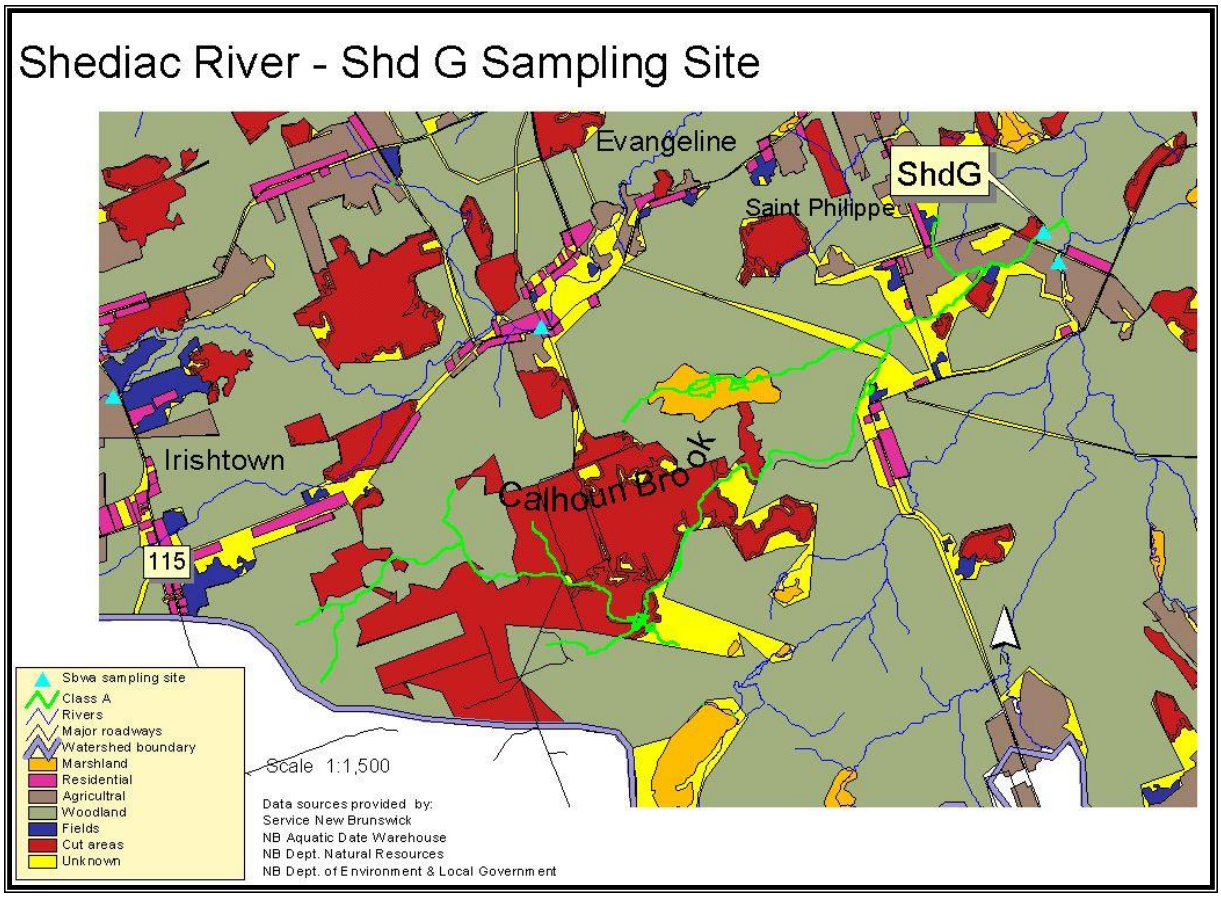


Figure 7 - Shediac "G" - Sampling Site

8.7 Shediac G – Provisional Classification for Weisner brook at bridge near St-Philippe

Water Classification if based on existing water quality:
- Class **A** since parameters were within accepted Water Quality Guidelines for the protection of aquatic life. *E. coli* levels of '74 MPN/100ml' meet the A Class criteria.

Suggested Classification:
-Class A, based on existing water quality and the bottom line management goal for waters must be Class A.

Proposed Action Items:
- Identify stakeholders having a possible effect on this sampling site.
-Educate stakeholders.
-Establish a communication and participation towards better land management with different individuals or groups.
-Promote best management practices to farmers possibly affecting this sample area.
-Promote better forestry practices.

Description of Sampling Site:
- Weisner Brook at bridge on road near St-Philippe.
-Just upstream from bridge.
-UTM Northing : 5118948, UTM Easting : 370750

Land Use Information and General Observations for the watershed area of this stream segment:
-There is a history of use for agriculture in this area.
-The majority of this portion of the watershed is forested land.

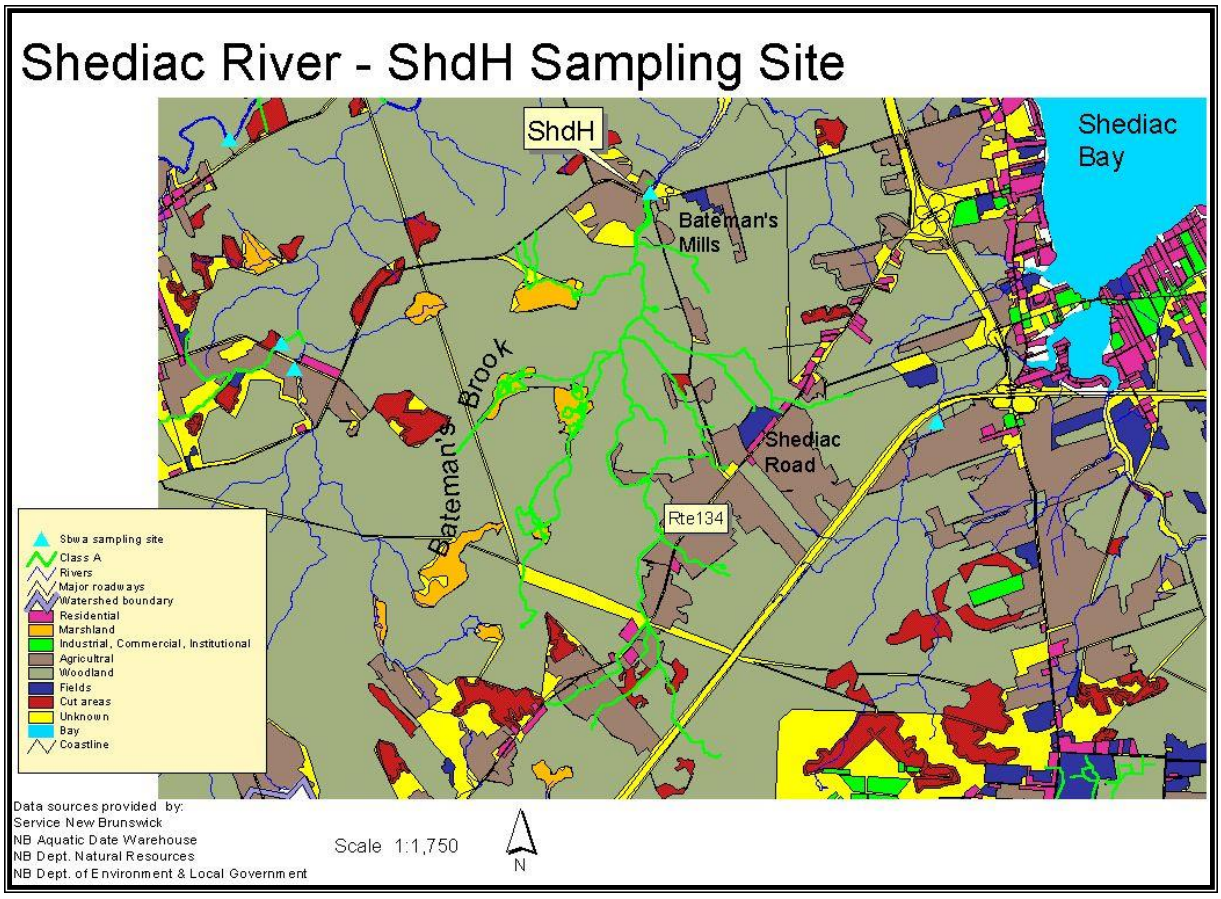


Figure 8 - Shediac "H" - Sampling Site

8.8 Shediac H – Provisional Classification for Bateman's Brook at Bateman's Mills

Water Classification if based on existing water quality:
-Only Iron and Aluminum exceed the CWQG for the protection of aquatic life. These are naturally occurring and are considered background levels. *E.coli* and dissolved oxygen both meet the Class A standards.

Suggested Classification:
-Class A, based on existing water quality and the bottom line management foal for the waters must be Class A.

Provisional Classification as a result of public consultation:
-Class A to be maintained through proposed action items.

Proposed Action Items:
- Identify stakeholders having a possible effect on this sampling site.
-Educate stakeholders.
-Establish a communication and participation towards better land management with different individuals or groups.
-Promote better management practices to farmers in this area of watershed.
-Promote better forestry harvesting practices.

Description of Sampling Site:
- Bateman's Brook at Bateman's Mills.
-Site located approximately 10 meters upstream from bridge, below rocks.
-UTM Northing : 5120779, UTM Easting : 375000

Land Use Information and General Observations for the watershed area of this stream segment:
-Active farming is occurring near and upstream of the monitoring site.
-Forested land can be found upstream of sampled location.

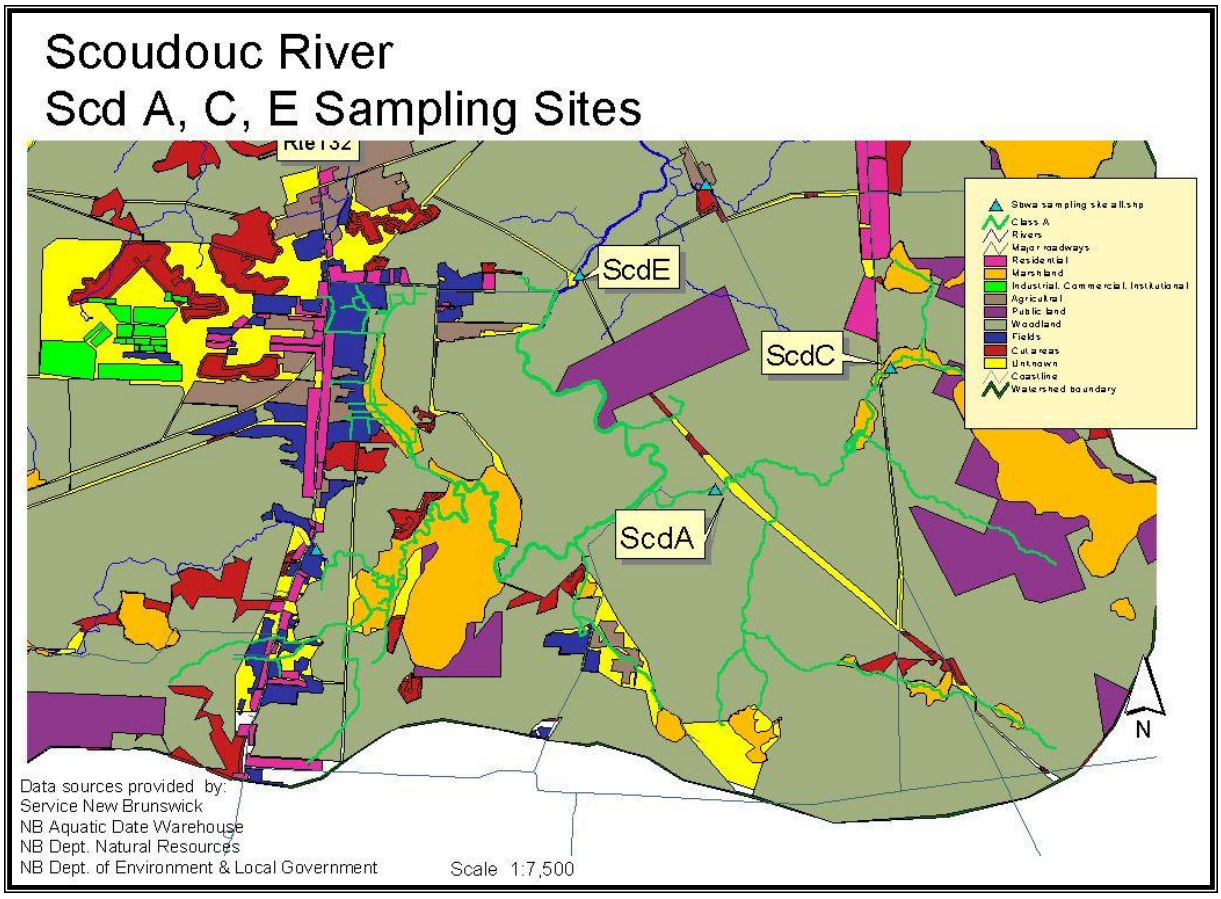


Figure 9 - Scoudouc "A", Scoudouc "C" and Scoudouc "E" - Sampling Sites

8.9 Scoudouc A,C,E – Proposed Classification

Scoudouc A – Provisional Classification for Scoudouc River near Malakoff

Water Classification if based in existing water quality:
-Only Aluminum and Iron levels do not meet the CWQG for the protection of aquatic life. These are considered to be background levels since they are consistent throughout the watershed. *E. coli* and dissolved oxygen both meet the Class A guidelines.

Suggested Classification:
-Class A, based on existing water quality and the bottom line management foal for waters must be Class A.

Provisional Classification as a result of public consultation:
-Class A to be achieved through proposed action items.
Proposed Action Items:
- Identify stakeholders having a possible effect on this sampling site.

-Educate stakeholders.
-Establish a communication and participation towards better land management with different individuals or groups.
-Promote proper forest management.
-Better maintain the quality of dirt roads.

Description of Sampling Site:
- Follow road from Malakoff to abandoned gate/crossing structure.
-Turn around and go back approximately 300 meters.
-Sample site adjacent to cabin ruins.
-UTM Northing : 5111369, UTM Easting : 382760

Land Use Information and General Observations for the watershed area of this stream segment:
-The majority of this portion of the watershed is surrounded by forested land.
- Poor maintenance of secondary roads used by trucks during hauling of wood.
-Erosion problems noted on dirt roads as a result of poor maintenance.

Scoudouc C – Provisional Classification for Scoudouc River, south of Ohio-au-Barachois

Water Classification if based on existing water quality:
-Only Aluminum, Iron and pH exceed the CWQG for the protection of aquatic life. E. coli meets the Class A criteria while there is no dissolved oxygen records for this portion of the watershed.

Suggested Classification:
-Class A, based on existing water quality and the bottom line management goal for waters must be Class A.

Provisional Classification as a result of public consultation:
-Class A to be maintained through proposed action items.

Proposed action items:
- Identify stakeholders having a possible effect on this sampling site.
-Educate stakeholders.
-Establish a communication and participation towards better land management with different individuals or groups.
-Better maintain the quality of dirt roads.
-Promote better forestry practices.

Description of Sampling Site:
-Site is 5.5 km south of road from Ohio-au-Barachois.
-Sample was taken on west side of road at culvert pipe.
-UTM Northing : 5112749, UTM Easting : 385750

Land Use Information and General Observations for the watershed area of this stream segment:
-The majority of this portion of the watershed is forested land.
-Sample site located in a boggy area.
-Local flooding on road at sample site during winter and spring months.
-Poor maintenance of dirt roads used by trucks during wood hauling.
-Beaver dams located in this portion of the watershed.

Scoudouc E – Provisional Classification for Scoudouc River near pipeline crossing

Water Classification if based on existing water quality:
-Only Aluminum and Iron exceed the CWQG for the protection of aquatic life. These values are consistent throughout the watershed area and are considered to be background levels. *E. coli* levels meet the Class A criteria. No measurements exist for dissolved oxygen at this site.

Suggested Classification:
-Class A, based on existing water quality and the bottom line management goal for waters must be Class A.

Provisional Classification as a result of public consultation:
- Class A to be maintained through proposed action items.

Proposed Action Items:
- Identify stakeholders having a possible effect on this sampling site.
-Educate stakeholders
-Establish a communication and participation towards better land management with different individuals or groups
-Monitor to make sure measured parameters stay within the CWQG for the protection of aquatic life
-Better maintain the quality of roads
-Promote better forestry practices

Description of Sampling Site:
- Near natural gas pipeline crossing.
-Sample taken at intersection of pipeline and river.
-UTM Northing : 5114599, UTM Easting : 382700

Land Use Information and General Observations for the watershed area of this stream segment:
-The majority of this portion of the watershed is forested land.

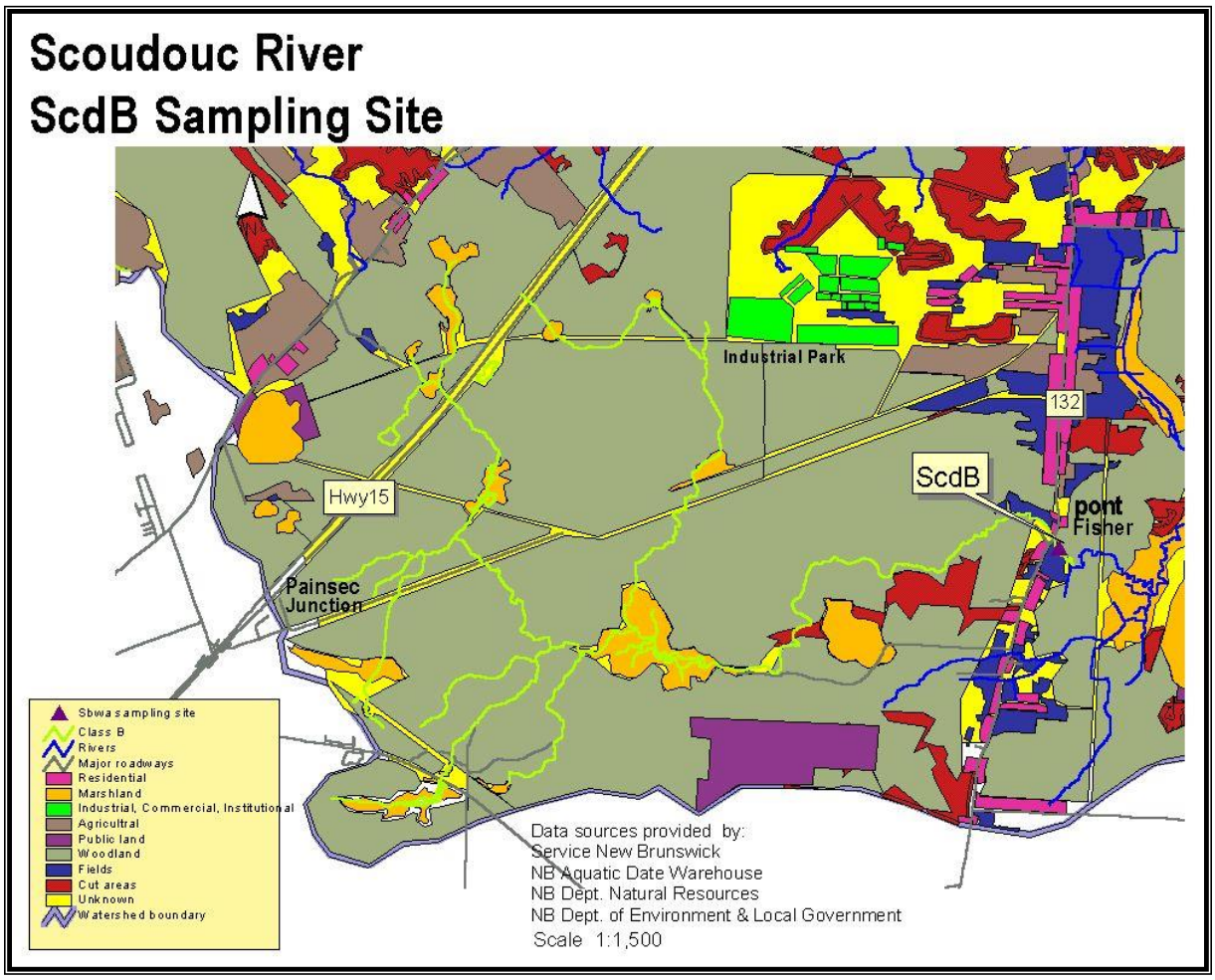


Figure 10 - Scoudouc "B" - Sampling Site

8.10 Scoudouc B – Provisional Classification for Scoudouc River near Big Meadow

Water Classification if based in existing water quality:
-High E. coli counts of '163MPN/100ml' indicate Class B. Aluminum and Iron exceed the CWQG for the protection of aquatic life. No records for dissolved oxygen exist for this portion of the watershed.

Suggested Classification:
Class B, based on existing water quality and the bottom line management goal for waters must be Class B.

Provisional Classification as a result of public consultation:
-Class B but want to improve to Class A, to be achieved through proposed action items.

Proposed Action Items:
- Identify stakeholders having a possible effect on this portion of the watershed.
-Educate stakeholders.
-Establish a communication and participation towards better land management with different individuals or groups.
-Need to know what could be affecting downstream from sample site.
-Stream restoration needed.
-Better study to see if wildlife could cause higher *E. coli* counts.
-Promote better forestry practices.

Description of Sampling Site:
- Sample taken downstream from bridge on Route 132.
-Sample taken 10 from culvert
-UTM Northing : 5111049, UTM Easting : 379150

Land Use Information and General Observations for the watershed area of this stream segment:
-The majority of this portion of the watershed is forested land.
-Beaver dam in area.

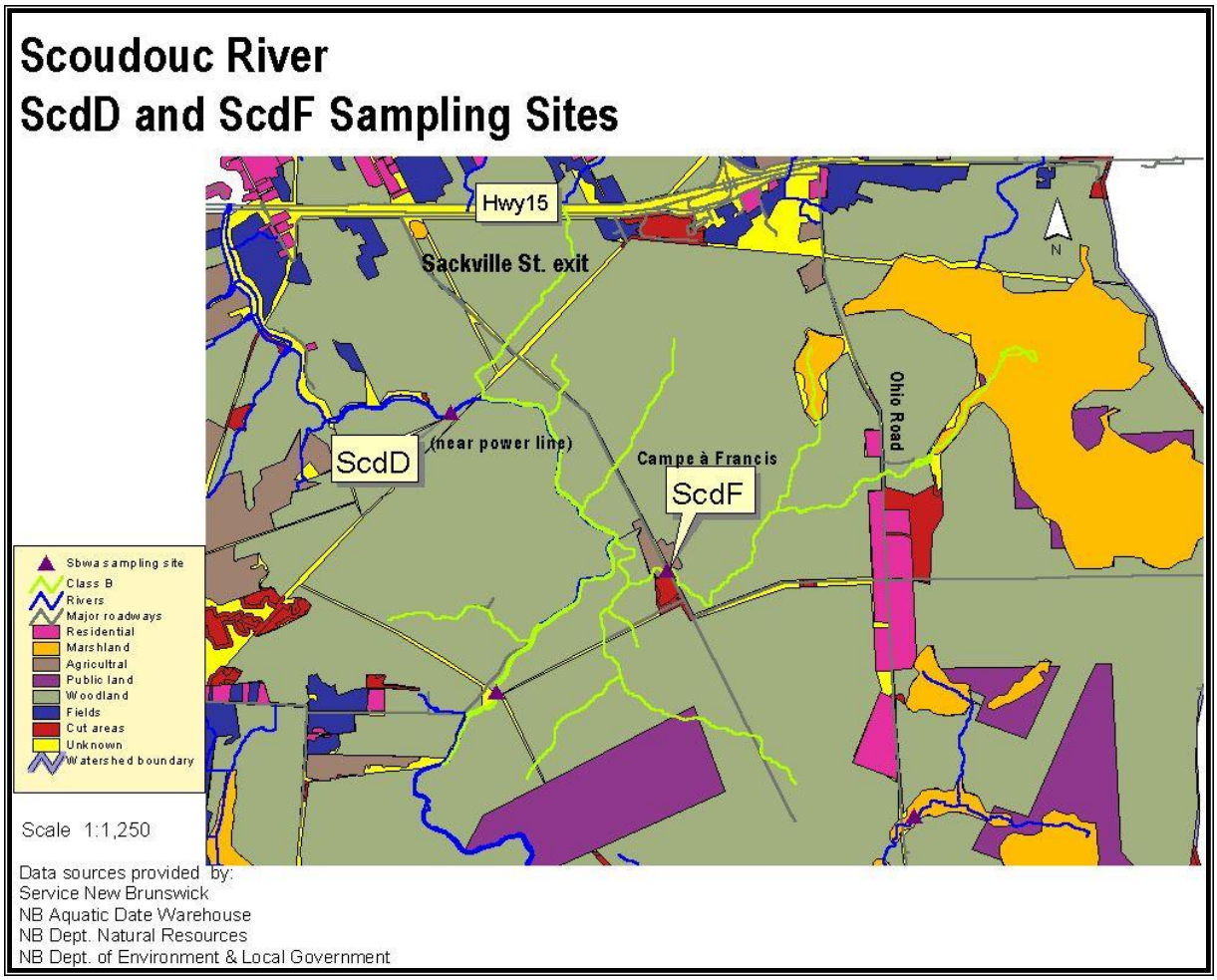


Figure 11 - Scoudouc "D" and Scoudouc "F" - Sampling Sites

8.11 Scoudouc D,F – Proposed Classification

Scoudouc D – Provisional Classification for Scoudouc River at powerline

Water Classification if based on existing water quality:
-*E.coli* values of '49 MPN/100ml' meet the standards of Class B. Aluminum, Cadmium and Iron exceed the CWQG for the protection of aquatic life. in reason of its higher *E. coli* average. Sample site also had higher Chloride, Copper and Fluoride on occasion but average met the CWQG for the protection of aquatic life.

Suggested Classification:
Class B, based on existing water quality and the bottom line management goal for waters must be Class B.

Provisional Classification as a result of public consultation:
-Improve to an **A** class, to be achieved through proposed action items.

Proposed Action Items:
- Identify stakeholders having a possible effect on this sampling site.
-Educate stakeholders.
-Establish a communication and participation towards better land management with different individuals or groups.
-Investigate abandoned dump possibly affecting the quality of water, especially high metal readings.
-Propose better forestry practices.

Description of Sampling Site:
-Sample site is located at powerline.
-Located 3.5 km upstream of Scoudouc at mouth side.
-UTM Northing : 5116549, UTM Easting : 382250

Land Use Information and General Observations for the watershed area of this stream segment:
-The majority of this portion of the watershed is forested land.

Scoudouc F – Provisional Classification for Scoudouc River at Francis' camp

Water Classification if based on existing water quality:
-Aluminum and Iron exceeded the CWQG for the protection of aquatic life. *E.* coli met the Class B criteria. There were no records for dissolved oxygen at this portion of the watershed.

Suggested Classification:
-Class B, based on existing water quality and the bottom line management goal for waters must be Class B.

Provisional Classification as a result of public consultation:
-Improve to **A** class, to be achieved through proposed action items.

Proposed Action Items:
- Identify stakeholders having a possible effect on this portion of the watershed.
-Educate stakeholders.
-Establish a communication and participation towards better land management with different individuals or groups.
-Investigate closed public dump.
-Repair riparian zones.
-Promote better forestry practices.
-Find out if turbidity is coming from 4 wheelers crossing streams.
-Meet camp owners to determine if they could have an affect on water quality

Description of Sampling Site:
-On Sackville Street extension.
-UTM Northing : 5114999, UTM Easting : 383850

Land Use Information and General Observations for the watershed area of this stream segment:
-The majority of this portion of the watershed is forested land.
-Active farming is occurring near and upstream of the monitoring site.

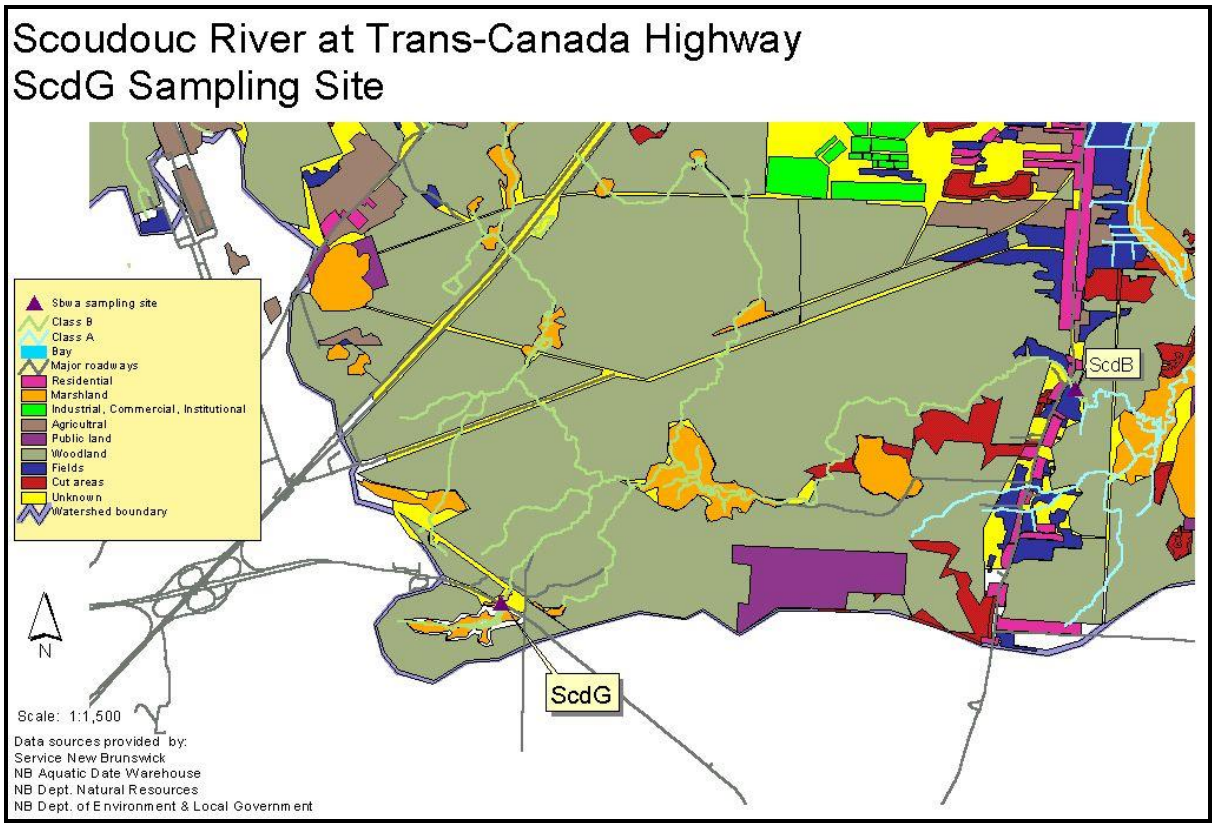


Figure 12 - Scoudouc "G" - Sampling Site

8.12 Scoudouc G – Provisional Classification for Scoudouc River at Trans Canada Highway.

Water Classification if based on existing water quality:
-Aluminum, Iron and Zinc were noted exceeding the CWQG for the protection of aquatic life. *E. coli* levels were recorded meeting the B Class. There are no dissolved oxygen readings for this portion of the watershed.

Suggested Classification:
-Class B, based on existing water quality and the bottom line management goal for waters must be Class B.

Provisional Classification as a result of public consultation:
-There was no public consultation regarding this portion of the watershed.

Proposed Action Items:
- Identify stakeholders having a possible effect on this sampling site.
-Educate stakeholders.
-Establish a communication and participation towards better land management with different individuals or groups.
-Promote better forestry harvesting.
-Continue sampling of the site even if readings do not reflect background levels.

Description of Sampling Site:
-Scoudouc River, where Trans Canada Highway meets river .
UTM Northing : 5118169, UTM Easting : 380200

Land Use Information and General Observations for the watershed area of this stream segment:
-The majority of this portion of the watershed is surrounded by forested land.
-Sample site located downstream from a boggy area.
-Sample site located downstream from Moncton Airport.

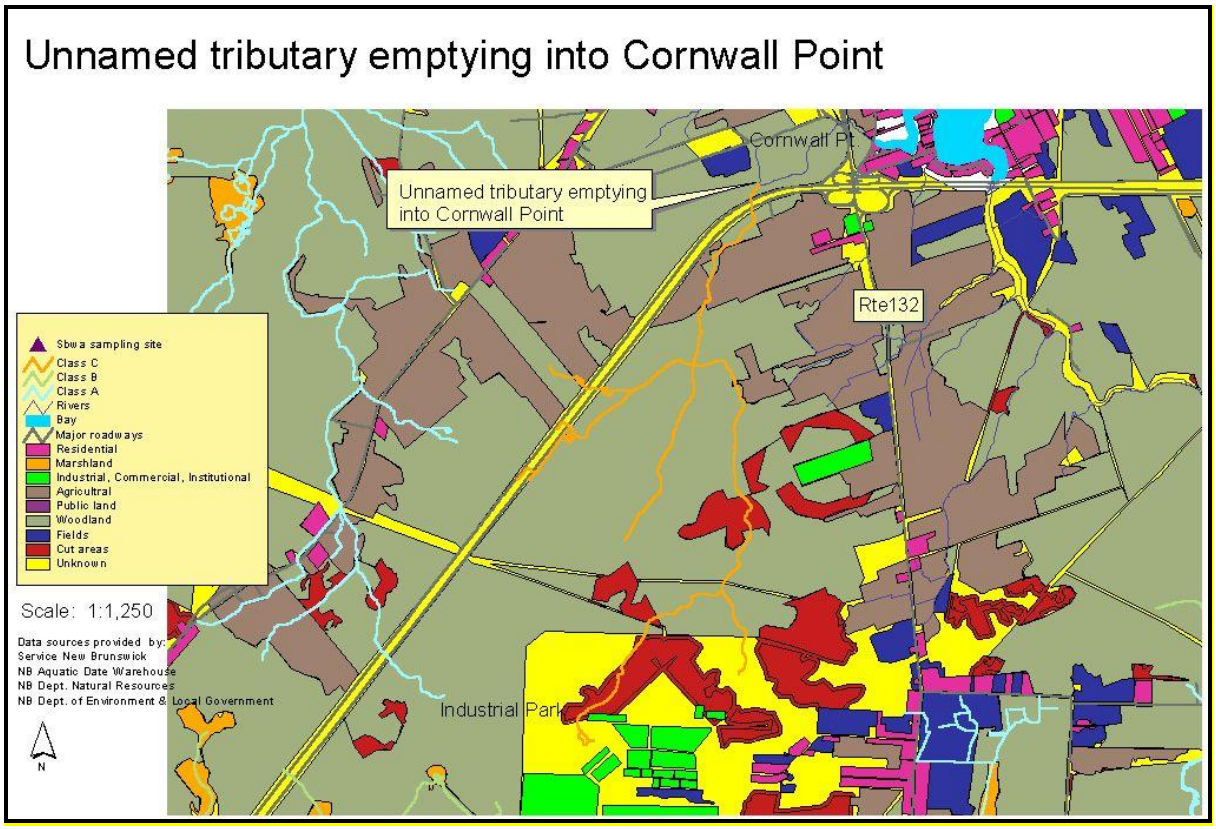


Figure 13 – Unnamed tributary emptying into Cornwall Point

8.13 Unnamed tributary emptying into Cornwall Point– Provisional Classification

Water Classification if based on existing water quality:
-Water sampling was not performed for this location due to high salinity

Suggested Classification:
-Class **C** in reason of the Scoudouc industrial park located upstream of the site
-Maintain a **C** class to accommodate land use

Provisional Classification as a result of public consultation:
- Class C to be achieved through proposed action items

Proposed Action Items:
- Identify stakeholders having a possible effect on this sampling site.
-Educate stakeholders
-Establish a communication and a participation towards better land management with different individuals or groups.
-Promote better forestry harvesting
-Continue sampling of the site even if readings do not reflect background levels

Description of Site(s):
-Scoudouc River, South of Highway 15
-Tributaries empty into Cornwall Point Area
UTM Northing : 5109149, UTM Easting : 373300

Land Use Information and General Observations
-flows near the Scoudouc industrial park
-Agricultural region
-Forested areas
-Presence of bogs in area

8.14 Tributaries without provisional classification

With the exception of tributaries emptying into the Cornwall Point area seen in figure 13, tributaries without water quality data were not given a provisional classification. These tributaries are to be given a provisional classification at a later date followed by public consultation and are identified on Figure 1.

9.0 Conclusion

In summary, the Water Classification program was a success for the most part in the Shediac Bay watershed area. The analysis of the data collected over the past three years has led to a better understanding of the state of our watershed.

Minor setbacks should be noted, however, specifically during the public consultation portion of the program. Many stakeholders felt more explanation of the New Brunswick Water Classification Regulation was required. Also, stakeholders demanded a clearer representation of the parameters affecting water quality before a sound decision could be made on the classification of each stream. Furthermore, possible saltwater influence affecting the results collected for Scoudouc D caused frustration for the stakeholders in the area who would have preferred having concrete data to form an opinion on the classification of this stream. As a result, stakeholders were cautious and more hesitant on giving their opinion. All provisional classifications developed for the Shediac Bay watershed, however, see either maintaining water quality at current levels or on improving current water quality. Stakeholders within the watershed are much more aware and informed on water quality issues as a result of the Water Classification program.

Many tributaries remain that need to be given a provisional classification and are identified on Figure 1. These tributaries are without water quality data and will be examined based on land use and other such data. Public consultation will also need to be addressed once the tributaries are given a provisional classification.

Many of the action plan items identified require long term commitments aimed at building partnerships with stakeholders in the area. These commitments would include remediation work and continued maintenance on problematic areas within the watershed. Remediation work could include activities such as installing cattle fencing, restoring vegetation along eroded river banks, creating buffer zones, the installation of proper septic systems, stream restoration, etc. Through continued efforts to better inform residents and increase public awareness of water quality and factors that may affect water quality; we hope to see more cooperation and collaborative partnerships evolve to achieve the goals for water quality presented in this Provisional Water Classification Report.

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Appendix A

Summary of the Canadian Water Quality Guidelines

Summary of the Canadian Water Quality Guidelines

Parameter	Symbol	Units	CWQG for Aquatic Life	
Aluminum	Al	③g/L	5 ③g/L at pH < 6.5; 100 ③g/L at pH > 6.5	
Alkalinity	ALK_T	mg/L	Levels should remain close to background levels	
Antimony	Sb	③g/L	No guideline limits exist	
Arsenic	As	③g/L	5③g/L	
Calcium	Ca	mg/L	No guideline limits exist, usually < 15mg/L	
Cadmium	Cd	③g/L	0.017③g/L	
Chloride	Cl	mg/L	No guideline limits exist	
Colour	CLRA	TCU	Background values may be used for comparison purposes	
Conductivity	COND	③SIE/cm	No guideline limits exist	
Chromium	Cr	③g/L	CrIII 8.9③g/L, and CrVI 1.0③g/L	
Copper	Cu	③g/L	Hardness (mg/L)	Limit (mg/L)
			0 – 120	2
			120 – 180	3
			>180	4
E_coli		MPN/100ml	No guideline limits exist for the protection of aquatic life; however for recreational waters samples should not exceed 200 MPN.	
Fluoride	F	mg/L	No guideline limits exist; typically <1	
Iron	Fe	mg/L	.300mg/L	
Hardness	HARD	mg/L	Hardness	Degree of Hardness
			0 – 30	Very soft
			31 – 60	Soft
			61 – 120	Moderately soft
			121 – 180	Hard
			>180	Very hard
Potassium	K	mg/L	No guideline limits exist, usually < 20mg/L	
Magnesium	Mg	mg/L	No guideline limits exist, usually 1 – 100mg/L	
Manganese	Mn	mg/L	No guideline limits exist	
Sodium	Na	mg/L	No guideline limits exist, usually 1 – 200mg/L	
Total Ammonia	NH_3T	mg/L	Affected by pH and temperature : 1370③g/L at pH 8.0; 2200③g/L at pH 6.5.	
Nickel	Ni	③g/L	Hardness (mg/L)	Limit (mg/L)
			0 – 60	0.025
			60 – 120	0.065
			120 – 180	0.110
			>180	0.150
Nitrite	NO_2	mg/L	.060	
Nitrate	NO_3	mg/L	No guideline limits exist; fresh surface water values are usually 1 – 5mg/L	
Lead	Pb	③g/L	Hardness (mg/L)	Limit (mg/L)
			0 – 60	1
			60 – 120	2
			120 – 180	4
			>180	7
Parts hydrogen	pH	m/L	6.5 – 9.0	
Sulfate	SO_4	mg/L	No guideline limits exist	
Suspended Solids	SS	mg/L	Should not increase the background levels by more than 25mg/L for short-term exposure and 5mg/L for long-term exposure.	
Total Dissolved Solids	TDS	mg/L	No guideline limits exist, usually 0 to 1000mg/L	
Total Kjeldahl Nitrogen	TKN	mg/L	No guideline limits exist, most surface waters contain between 0.1 – 0.5 mg/L	
Total Nitrogen	TN	mg/L	No guideline limits exist	
Total Organic Carbon	TOC	mg/L	No guideline limits exist, usually 1 – 30mg/L	
Total Phosphorus	TP	mg/L	No guideline limits exist, suggested 0.03mg/L	
Turbidity	TURB	NTU	Recreational water: increases of <5 acceptable where background levels are <50 NTU	
Zinc	ZN	③g/L	0.030mg/L	

Appendix B

Water Monitoring Results

Station	FromDate	Al	ALK_G	As	Ca	Cd	Cl	CLRA	COND	Cr	Cu	DO	E_coli
		(mg/L)	(mg/L)	(µg/L)	(mg/L)	(µg/L)	(mg/L)	(ACU)	(µSIE/cm)	(µg/L)	(µg/L)	(mg/L)	(MPN/100ml)
Canon Croft South	1999/11/18		41				30.9	5	203				
Cornwall Road	1999/11/18		83.6				95.1	30	442				80
Parlee Beach Volleyball	1999/11/18		99.1				13100	10	29100				
Scoudouc A	1999/10/14	0.286	10.8	<1	6.36	< 0.1	10.3	150	70	1	0.5		10
Scoudouc A	1999/11/18	0.187	16.3	<1	7.21	< 0.1	12.6	100	91.5	1.8	0.5		60
Scoudouc A	2000/10/04	0.021	58.6	<1	19.1	< 0.1	16	40	185	2	1.9		10
Scoudouc A	2000/11/12	0.318	7.71	<1	5.19	< 0.1	9.65	120	66.6	1.1	0.7		20
Scoudouc A	2000/12/03	0.232	5.61	<1	4.08	< 0.1	8.35	150	54.9	0.7	0.6		30
Scoudouc A	2001/06/03	0.23	5.73	<1	2.58	< 0.1	2.42	200	28.7	1.7	0.6		10
Scoudouc A	2001/07/03	0.06	38.6	<1	12.8	< 0.1	12.7	150	134	3.2	0.8		60
Scoudouc A	2001/08/07	0.022	60.4	<1	17.6	< 0.1	15.2	40	180	1.8	0.7		20
Scoudouc A	2001/09/05	0.023	54.7	<1	14.9	< 0.1	13	40	165	2.5	0.6		10
Scoudouc A	2001/10/09	0.035	68.9	<1	16	< 0.1	14.7	20	186	4	1.4		10
Scoudouc A	2001/11/18	0.259	12.5	<1	13.2	< 0.1	16.4	75	149	2.4	1.2	10.6	120
Scoudouc A	2002/06/19	0.246	18	<1	7.84	< 0.1	13.6	150	93.6	1	0.6		90
Scoudouc A	2002/07/17	0.207	28	1.3	11.2	< 0.1	15.8	250	120	2.1	0.7		40
Scoudouc A	21/08/2002	0.091	35.1	<1	11.9	< 0.1	17.9	140	144	2.4	0.5		30
Scoudouc A	18/09/2002	0.283	11.3	<1	7.41	< 0.1	17.2	150	113	3	1.2		40
Scoudouc A	18/09/2002	0.281	11.6	<1	7.34	< 0.1	17	100	113	2.9	1.1		<10
Scoudouc B	1999/10/14	0.294	11.5	<1	6.37	< 0.1	11.3	150	78.1	1.4	0.5		10
Scoudouc B	1999/11/18	0.205	17.5	<1	7.97	< 0.1	13.1	100	94.1	1.8	0.5	13.8	10
Scoudouc B	2000/10/04	0.035	49.7	<1	20.8	< 0.1	32.6	50	233	1.7	1.7		10
Scoudouc B	2000/11/12	0.342	6.79	<1	5.16	< 0.1	9.05	120	61.3	0.9	0.7		10
Scoudouc B	2000/12/03	0.168	1.8	<1	2.64	< 0.1	5.14	75	48	0.8	0.8		10
Scoudouc B	2001/06/03	0.173	25	<1	9.79	< 0.1	11.6	200	95.4	1.8	0.6		60
Scoudouc B	2001/07/03	0.063	75	<1	27	< 0.1	13.6	100	211	4.8	0.8		160
Scoudouc B	2001/08/07	0.038	110	<1	43	< 0.1	12.9	30	285	3	< 0.5		150
Scoudouc B	2001/09/05	0.05	98	<1	29.9	< 0.1	12.7	30	243	4.7	0.6		110
Scoudouc B	2001/10/09	0.051	115	<1	39.9	< 0.1	15	20	280	7.3	< 0.5		20
Scoudouc B	2001/10/09	0.052	116	<1	39.4	< 0.1	14.9	20	282	7	< 0.5		10
Scoudouc B	2001/11/18	0.254	12	<1	12.6	< 0.1	17.3	75	145	1.4	2.2		30
Scoudouc B	2002/06/19	0.288	18.6	<1	8.56	< 0.1	15.2	200	102	0.9	0.6		<10
Scoudouc B	2002/07/17	0.207	36.8	1.1	14.7	< 0.1	15.8	200	135	1.9	0.7		180
Scoudouc B	21/08/2002	0.072	68	<1	26.1	< 0.1	24.1	100	231	3.1	< 0.5		310
Scoudouc B	21/08/2002	0.073	68	<1	25.8	< 0.1	24	100	231	2.5	0.5		220
Scoudouc B	18/09/2002	0.338	10.2	<1	6.99	< 0.1	15.6	150	107	1.6	0.9		1300
Scoudouc C	2000/10/04	0.136	8.62	<1	4	< 0.1	5.04	100	45.1	0.6	1.5		10
Scoudouc C	2000/11/12	0.216	1.22	<1	3.01	< 0.1	6.67	120	43.2	1	< 0.5		10
Scoudouc C	2000/12/03	0.176	1	<1	2.1	< 0.1	4.28	100	32	0.7	< 0.5		10
Scoudouc C	2001/06/03	0.201	25.3	<1	8.52	< 0.1	10.6	200	93	2.3	0.6		10
Scoudouc C	2001/07/03	0.147	24	2.99	8.84	< 0.1	2.57	300	83.5	3.1	0.5		670
Scoudouc C	2001/08/07	0.111	20.8	1.47	6.59	< 0.1	2.78	300	56.2	1.6	0.8		20
Scoudouc C	2001/09/05	0.081	27.4	2.06	7.8	< 0.1	3.12	200	70.1	2.6	< 0.5		10
Scoudouc C	2001/10/09	0.107	20.1	<1	6.23	< 0.1	5.19	150	61	2.1	0.52		50
Scoudouc C	2001/11/18	0.241	2.54	<1	6.38	< 0.1	6.77	100	76.8	1.7	3.2		30
Scoudouc D	2000/10/04	0.058	43.6	<1	14.6	< 0.1	14.1	60	145	1.2	9.5		10
Scoudouc D	2000/11/12	0.572	6.3	<1	4.75	< 0.1	8.93	120	56.9	1.1	0.9		10
Scoudouc D	2000/12/03	0.262	4.71	<1	3.46	< 0.1	7.41	100	47.5	0.6	0.5		20
Scoudouc D	2001/06/03	0.155	26.5	<1	8.93	< 0.1	8.51	150	87.8	1.9	0.7		10
Scoudouc D	2001/06/03	0.155	26.6	<1	9.51	< 0.1	8.66	150	86.5	1.9	0.9		30
Scoudouc D	2001/07/03	0.072	42.7	<1	13.1	0.485	11.2	80	126	2.3	3.3		60
Scoudouc D	2001/08/07	0.062	57.1	<1	17.7	< 0.1	19.4	30	189	1.5	0.5		190
Scoudouc D	2001/09/05	0.097	55.5	<1	18.6	< 0.1	16.8	30	175	2.5	0.6		80
Scoudouc D	2001/10/09	0.051	67.6	<1	22.1	< 0.1	85.6	30	435	3.9	1		30
Scoudouc D	2001/11/18	0.295	10.3	<1	10.8	< 0.1	13	75	124	1	0.8		50
Scoudouc E	2000/10/04	0.035	39.5	<1	13.8	< 0.1	15.6	40	149	1.2	1.2		10
Scoudouc E	2000/11/12	0.425	5.72	<1	4.67	< 0.1	8.6	80	55.1	1.1	0.9		10
Scoudouc E	2000/12/03	0.257	5.27	<1	3.48	< 0.1	7.35	100	48.2	0.7	0.6		40
Scoudouc E	2001/06/03	0.162	26.4	<1	9.54	< 0.1	8.58	100	86.3	1.7	0.6		50
Scoudouc E	2001/07/03	0.074	36.3	<1	12.6	< 0.1	10.9	100	124	1.9	1		60
Scoudouc E	2001/07/03	0.072	35.6	<1	13.1	< 0.1	12	80	124	1.9	0.8		40
Scoudouc E	2001/08/07	0.049	50.4	<1	16.8	< 0.1	22	20	187	1.5	0.5		60
Scoudouc E	2001/09/05	0.07	48.3	<1	14.6	< 0.1	15.9	30	155	2.2	0.5		30
Scoudouc E	2001/10/09	0.068	61.2	<1	19.3	< 0.1	25.2	30	211	2.9	0.7		10
Scoudouc E	2001/11/18	0.295	10.7	<1	11.4	< 0.1	13.1	75	126	0.8	0.7		80
Scoudouc E	2002/06/19	0.24	17.4	<1	7.09	< 0.1	10	200	80.2	0.9	0.6		10
Scoudouc E	2002/07/17	0.179	28.8	1.1	11.1	< 0.1	13.9	200	110	1.6	0.7		30
Scoudouc E	2002/07/17	0.16	28.9	1.1	11.3	< 0.1	12	200	110	1.5	0.5		10

Station	FromDate	Al	ALK_G	As	Ca	Cd	Cl	CLRA	COND	Cr	Cu	DO	E_coli
		(mg/L)	(mg/L)	(µg/L)	(mg/L)	(µg/L)	(mg/L)	(ACU)	(µSIE/cm)	(µg/L)	(µg/L)	(mg/L)	(MPN/100ml)
Scoudouc E	21/08/2002	0.07	33	<1	12.5	< 0.1	16.1	120	133	1.2	0.6		30
Scoudouc E	18/09/2002	0.314	10.1	<1	7.28	< 0.1	14.6	150	99.3	1.5	0.7		80
Scoudouc F	2000/10/04	0.08	40.5	<1	13.2	< 0.1	4.82	100	105	0.8	1.4		30
Scoudouc F	2000/11/12	0.824	5.12	<1	3.75	< 0.1	8.43	160	49.3	1.2	0.6		20
Scoudouc F	2000/12/03	0.291	3.58	<1	3.33	< 0.1	5.3	150	37.8	0.5	< 0.5		10
Scoudouc F	2001/06/03	0.216	25.4	<1	8.32	< 0.1	2.8	300	62.8	1.9	0.6		60
Scoudouc F	2001/07/03	0.103	45.7	<1	14	< 0.1	4.01	100	112	2.8	0.6		30
Scoudouc F	2001/08/07	0.07	63.2	<1	18.9	< 0.1	5.17	50	143	1.6	0.5		230
Scoudouc F	2001/09/05	0.128	62.7	<1	18.2	< 0.1	4.86	75	142	2.7	< 0.5		50
Scoudouc F	2001/10/09	0.078	75.2	<1	22.2	< 0.1	5.93	30	162	3.2	< 0.5		20
Scoudouc F	2001/11/18	0.426	10.9	<1	8.98	< 0.1	7.5	75	90	1.1	2.9		10
Scoudouc F	2001/11/18	0.265	2.94	<1	5.87	< 0.1	6.96	100	74.3	1.7	0.6		10
Scoudouc F	2002/06/19	0.284		<1	6.83	< 0.1	2.66	300	53.3	0.9	3		10
Scoudouc F	2002/06/19	0.298		<1	7.05	< 0.1	2.54	300	52.3	1	4.1		20
Scoudouc F	2002/07/17	0.255	27	1.4	10.3	< 0.1	3.24	300	69.2	1.5	0.8		50
Scoudouc F	21/08/2002	0.146	42.1	1.3	13.5	< 0.1	4	100	104	1.7	0.7		60
Scoudouc F	18/09/2002	0.382	8.28	<1	7.19	< 0.1	10.5	150	75.8	1.2	0.5		50
Scoudouc G	2000/10/04	0.031	59.1	<1	68.6	< 0.1	6.16	60	1060	2.4	2.1		10
Scoudouc G	2000/11/12	0.263	3.7	<1	4.34	< 0.1	11.9	120	67.2	1	0.5		10
Scoudouc G	2000/12/03	0.247	5.84	<1	3.86	< 0.1	7.8	100	51.3	0.6	0.6		10
Scoudouc G	2001/06/03	0.18	3.96	<1	2.11	< 0.1	6.22	200	38	1	< 0.5		10
Scoudouc G	2001/07/03	0.164	4.46	<1	2.23	< 0.1	6.61	200	39.7	0.5	1		230
Scoudouc G	2001/08/07	0.098	12.2	<1	6.46	< 0.1	27.1	300	128	0.7	0.9		150
Scoudouc G	2001/09/05	0.033	12.3	<1	99.6	< 0.1	700	60	2390	1.3	6		60
Scoudouc G	2001/10/09	0.005	111	<1	113	< 0.1	531	50	1930	4.3	4		40
Scoudouc G	2001/11/18	0.176	3.86	<1	8.59	< 0.1	14.3	75	117	1.2	0.6		10
Scoudouc River near mouth	1999/11/18		26.6	<1			1820	100	5730				
Shediac A	1999/10/14	0.091	27.6	<1	12.8	< 0.1	10.4	40	132	2	0.8		50
Shediac A	1999/11/18	0.089	35.4	<1	14	< 0.1	12.2	30	160	2.8	0.7	14.7	10
Shediac A	2000/10/04	0.021	68.7	<1	35.6	< 0.1	17.9	15	318	1.8	0.8		500
Shediac A	2000/11/12	0.392	21.3	<1	8.43	< 0.1	8.56	60	88.7	1.3	0.9		240
Shediac A	2000/12/03	0.136	24.2	<1	9.46	< 0.1	9.46	40	106	0.7	0.5		40
Shediac A	2001/06/03	0.122	50.8	<1	20.7	< 0.1	11.4	40	178	2.6	0.8		610
Shediac A	2001/07/03	0.031	65.2	<1	29.4	< 0.1	11.8	20	264	3.7	0.9		580
Shediac A	2001/08/07	0.011	82.9	1.02	27.4	< 0.1	8.4	20	227	2.4	< 0.5		330
Shediac A	2001/09/05	0.022	87.2	<1	48.5	< 0.1	24.6	15	389	3.9	0.8		1650
Shediac A	2001/10/09	0.006	101	<1	63.3	< 0.1	26	5	498	5.3	0.6		20
Shediac A	2001/10/09	0.006	99	<1	63.1	< 0.1	26.1	5	494	5.9	1		80
Shediac A	2001/11/18	0.211	26.6	<1	19.8	< 0.1	17.4	40	220	1.3	2.2	13.8	110
Shediac A	2002/06/19	0.098	45.8	<1	17	< 0.1	11.6	60	170	1.3	1		>2000
Shediac A	2002/06/19	0.094	45.7	<1	16.1	< 0.1	11.7	60	170	1.3	0.8		>2000
Shediac A	2002/07/17	0.117	52.6	<1	17.9	< 0.1	11.1	50	181	2.9	0.8		450
Shediac A	21/08/2002	0.015	78	<1	35.2	< 0.1	15	40	293	4	0.8		1440
Shediac A	18/09/2002	0.294	28.7	<1	12.3	< 0.1	8.83	75	127	3	1.1		450
Shediac B	1999/10/14	0.158	25.8	<1	9.42	< 0.1	8.56	60	99.8	1.7	0.7		40
Shediac B	1999/11/18	0.141	30.1	<1	10.6	< 0.1	10.6	30	116	2.4	0.6	13.8	50
Shediac B	2000/10/04	0.009	70.4	<1	21.7	< 0.1	16.3	10	215	1	0.6		20
Shediac B	2000/11/12	0.347	14.6	<1	6.27	< 0.1	7.4	80	68.5	1	0.8		40
Shediac B	2000/12/03	0.215	15.7	<1	6.4	0.115	7.36	40	69.4	1	2.7		40
Shediac B	2001/06/03	0.064	44.5	<1	13.8	< 0.1	8.47	20	124	2.4	0.7		10
Shediac B	2001/07/03	0.017	67.1	<1	18.4	< 0.1	9.02	20	180	3.7	0.6		50
Shediac B	2001/09/05	0.008	88.4	<1	27.2	< 0.1	13.4	20	224	4	< 0.5		220
Shediac B	2001/10/09	0.006	96.3	1.05	26	< 0.1	10.5	10	235	6	0.7		30
Shediac B	2001/11/18	0.096	23.7	<1	14.3	< 0.1	17.1	40	163	1.1	0.8	13.5	100
Shediac B	2002/06/19	0.052	42.6	<1	12.8	< 0.1	13.1	40	144	1.4	0.7		<10
Shediac B	2002/07/17	0.077	49.3	<1	13.9	< 0.1	9.4	50	141	2.9	0.8		150
Shediac B	2002/07/17	0.076	49.5	<1	13.8	< 0.1	9.36	50	141	2.6	0.8		120
Shediac B	21/08/2002	0.021	78.8	<1	23.2	< 0.1	10.9	20	208	2	0.5		50
Shediac B	18/09/2002	0.221	24.6	<1	10	< 0.1	9.55	60	111	2.5	0.9		100
Shediac Bay @ Bay Vista	1999/11/18		97.5				14900	0	32700				
Shediac Bay @ Queen's Wharf	1999/11/18		97.2				15500	0	33600				
Shediac C	1999/10/14	0.113	27	<1	10.9	< 0.1	9.67	40	114	1.9	0.9		100
Shediac C	1999/11/18	0.066	35.5	<1	13.2	< 0.1	14	30	150	2.8	0.7	14.1	50
Shediac C	2000/10/04	0.016	69.8	<1	26.9	< 0.1	24.2	5	276	1.2	1.4		10
Shediac C	2000/11/12	0.396	23.6	<1	9.43	< 0.1	11	60	102	1.6	1.3		260
Shediac C	2000/12/03	0.187	17.9	<1	8.08	< 0.1	11.3	40	96.5	0.5	0.7		90
Shediac C	2001/06/03	0.054	46	<1	15.7	< 0.1	10.4	20	153	2.4	0.8		120
Shediac C	2001/06/03	0.056	46.6	<1	16.3	< 0.1	10.4	20	155	2.3	0.6		70

Station	FromDate	Al	ALK_G	As	Ca	Cd	Cl	CLRA	COND	Cr	Cu	DO	E_coli
		(mg/L)	(mg/L)	(µg/L)	(mg/L)	(µg/L)	(mg/L)	(ACU)	(µStE/cm)	(µg/L)	(µg/L)	(mg/L)	(MPN/100ml)
Shediac C	2001/07/03	0.021	72.5	<1	22.5	< 0.1	11.2	15	214	3.9	0.8		30
Shediac C	2001/08/07	0.014	92.7	<1	27.9	< 0.1	11.1	10	246	2.7	0.6		110
Shediac C	2001/09/05	0.014	93.5	<1	30.9	< 0.1	11.4	15	264	4.2	0.6		30
Shediac C	2001/09/11	0.025	102	<1	32.2	< 0.1	11.5	10	280	1.8	0.5	8.7	210
Shediac C	2001/10/09	0.015	106	<1	33.4	< 0.1	10.7	5	272	6.2	0.6		20
Shediac C	2001/11/18	0.12	33	<1	18.9	< 0.1	21.8	30	220	1.7	1	14	10
Shediac C	2002/06/19	0.064	45.9	<1	14.7	< 0.1	15.5	40	171	1.4	0.9		20
Shediac C	2002/07/17	0.075	48.7	<1	15.2	< 0.1	11.3	40	155	2.5	0.9		340
Shediac C	21/08/2002	0.012	82.5	<1	26.4	< 0.1	12.2	15	230	3.2	0.5		10
Shediac C	21/08/2002	0.011	82.4	<1	26.2	< 0.1	12.2	20	228	3.8	0.6		30
Shediac C	18/09/2002	0.248	31.1	<1	12.4	< 0.1	11.2	60	136	3.5	1.3		310
Shediac D	1999/10/14	0.172	28	<1	10.8	< 0.1	8.23	50	103	2	0.8		60
Shediac D	1999/11/18	0.121	33.7	<1	12.1	< 0.1	9.48	30	122	2.7	0.6	14.5	10
Shediac D	2000/10/04	0.039	65.2	<1	22.3	< 0.1	12	5	194	1.5	2.8		10
Shediac D	2000/11/12	0.503	18	<1	8.05	< 0.1	9.25	60	82.9	1.5	0.9		200
Shediac D	2000/12/03	0.261	16	<1	6.96	0.214	8.01	60	74.7	0.7	0.7		80
Shediac D	2001/06/03	0.061	44.1	<1	14	< 0.1	8	30	126	2.4	0.5		60
Shediac D	2001/07/03	0.041	64	<1	18.7	< 0.1	7.75	20	164	3.1	0.6		20
Shediac D	2001/08/07	0.049	81.3	<1	24.4	< 0.1	8.33	10	196	2.2	0.5		30
Shediac D	2001/09/05	0.042	81.6	<1	24.2	< 0.1	8.07	10	197	3.4	0.7		80
Shediac D	2001/10/09	0.036	88.1	<1	26.8	< 0.1	8.56	10	210	4.9	0.5		20
Shediac D	2001/11/18	0.112	32.8	<1	17.3	< 0.1	16.8	40	190	1.7	0.8		80
Shediac D	2001/11/18	0.119	32.5	<1	17.4	< 0.1	17.1	30	186	1.8	0.7		40
Shediac D	2002/06/19	0.08	44.7	<1	14.1	< 0.1	10.9	50	143	1.3	1		30
Shediac D	2002/07/17	0.118	48.1	<1	14.8	< 0.1	8.21	50	135	2.2	0.9		50
Shediac D	21/08/2002	0.043	73.3	<1	23.1	< 0.1	8.64	20	186	3.5	< 0.5		50
Shediac D	18/09/2002	0.26	26.7	<1	10.7	< 0.1	8.22	80	111	2.8	1		210
Shediac D	18/09/2002	0.25	26.8	<1	10.9	< 0.1	8.87	60	110	2.7	1		270
Shediac E	1999/10/14	0.16	27.6	<1	10.1	< 0.1	7.78	60	101	1.5	0.7		40
Shediac E	1999/11/18	0.14	33.5	<1	12.1	< 0.1	10.1	30	117	2.8	0.6	14.5	10
Shediac E	2000/10/04	0.043	69.6	<1	24.8	< 0.1	12.9	10	203	1.3	2.3		30
Shediac E	2000/11/12	0.444	16.7	<1	7.6	< 0.1	8.92	60	79	1.3	0.8		210
Shediac E	2000/12/03	0.242	15.5	<1	6.66	< 0.1	7.78	60	71.2	0.5	0.5		30
Shediac E	2001/06/03	0.062	42.7	<1	13.9	< 0.1	7.03	30	120	2.3	0.5		40
Shediac E	2001/07/03	0.03	59.6	<1	18.5	< 0.1	7.31	15	160	3.1	0.7		10
Shediac E	2001/08/07	0.025	75.1	<1	23.4	< 0.1	7.89	5	187	2.1	< 0.5		50
Shediac E	2001/09/05	0.025	78.8	<1	25.9	< 0.1	7.68	10	191	3.2	< 0.5		20
Shediac E	2001/09/11	0.04	76.8	<1	23.7	< 0.1	8.35	15	198	2.3	0.5	11	20
Shediac E	2001/10/09	0.025	82.3	<1	25.6	< 0.1	8.22	5	200	4.4	0.6		10
Shediac E	2001/11/18	0.12	30.1	<1	17.6	< 0.1	17.1	30	185	1.7	0.7		40
Shediac F	1999/10/14	0.38	21.4	<1	6.96	< 0.1	3.08	200	65.1	1.9	< 0.5		40
Shediac F	1999/11/18	0.08	28.3	<1	7.99	< 0.1	3.43	30	78.1	2.5	< 0.5	13.5	20
Shediac F	2000/10/04	0.054	51.8	<1	14.1	< 0.1	2.99	20	116	0.6	1.2		20
Shediac F	2000/11/12	0.332	11.1	<1	5.22	< 0.1	5.58	80	55.2	1	0.6		30
Shediac F	2000/12/03	0.225	9.84	<1	4.07	< 0.1	3.75	70	43	0.5	0.5		50
Shediac F	2001/06/03	0.132	29.2	<1	7.39	< 0.1	3.52	75	73.1	1.7	< 0.5		20
Shediac F	2001/07/03	0.03	40.7	<1	11.1	< 0.1	3.65	40	113	2.5	< 0.5		40
Shediac F	2001/08/07	0.019	61.4	<1	16.1	< 0.1	4.39	5	147	1.6	< 0.5		140
Shediac F	2001/09/05	0.052	63.4	<1	17.5	< 0.1	3.29	20	136	2.7	1.1		270
Shediac F	2001/10/09	0.031	67.9	<1	17.3	< 0.1	3.95	15	145	3.6	0.7		50
Shediac F	2001/11/18	0.091	28.4	<1	11	< 0.1	5	40	111	1.5	0.6		20
Shediac F	2002/06/19	0.047	34	<1	8.74	< 0.1	0.103	50	81.3	1	< 0.5		10
Shediac F	2002/07/17	0.13	34	1	9.3	< 0.1	3.79	150	85.6	1.9	< 0.5		100
Shediac F	21/08/2002	0.029	56.6	<1	14.8	< 0.1	4.24	50	133	3.1	< 0.5		80
Shediac F	18/09/2002	0.19	19.1	<1	7.31	< 0.1	6.18	100	79.5	2.1	0.7		50
Shediac G	1999/10/14	0.274	21.2	<1	5.74	< 0.1	4.36	100	68.1	1.2	< 0.5		10
Shediac G	1999/11/18	0.144	28.4	<1	7.87	< 0.1	4.76	70	80.2	2.3	< 0.5	13.7	100
Shediac G	2000/10/04	0.024	47.7	<1	12	< 0.1	5.31	30	124	1	2.6		100
Shediac G	2000/11/12	0.336	9.94	<1	4.73	< 0.1	6.78	120	54.7	0.8	0.5		50
Shediac G	2000/12/03	0.202	9.97	<1	3.99	< 0.1	4.79	75	45	0.5	< 0.5		20
Shediac G	2001/06/03	0.095	30.8	<1	8.95	< 0.1	2.49	50	72.3	1.7	0.5		60
Shediac G	2001/07/03	0.059	45.3	<1	12.3	< 0.1	2.91	40	105	2.3	< 0.5		90
Shediac G	2001/08/07	0.076	63.6	<1	17.3	< 0.1	3.64	20	139	2	0.6		270
Shediac G	2001/09/05	0.012	66.4	<1	16.8	< 0.1	4.3	10	152	3	< 0.5		60
Shediac G	2001/10/09	0.011	73.5	<1	17.8	< 0.1	4.75	15	161	3.7	< 0.5		50
Shediac G	2001/11/18	0.241	18.4	<1	10.3	< 0.1	7.95	70	117	1.1	0.6		40
Shediac G	2002/06/19	0.101	29.6	<1	7.76	< 0.1	4.1	120	79.6	1	0.5		<10
Shediac G	2002/07/17	0.114	36.1	<1	9.71	< 0.1	2.43	100	82.6	1.8	< 0.5		90

Station	FromDate	Al	ALK_G	As	Ca	Cd	Cl	CLRA	COND	Cr	Cu	DO	E_coli
		(mg/L)	(mg/L)	(µg/L)	(mg/L)	(µg/L)	(mg/L)	(ACU)	(µSIE/cm)	(µg/L)	(µg/L)	(mg/L)	(MPN/100ml)
Shediac G	21/08/2002	0.1	55.3	<1	15.5	< 0.1	3.36	40	125	3	< 0.5		30
Shediac G	18/09/2002	0.118	27.7	<1	8.49	< 0.1	3.47	50	79.1	2.7	< 0.5		100
Shediac H	1999/10/14	0.27	31	<1	11.2	< 0.1	11.5	250	111	1.1	0.7		60
Shediac H	1999/11/18	0.186	37.6	<1	12.6	< 0.1	12.6	60	128	2.9	1	13.1	20
Shediac H	2000/10/04	0.052	68.8	<1	23.1	< 0.1	16.2	15	198	1.2	0.8		50
Shediac H	2000/11/12	0.51	14.9	<1	6.85	< 0.1	11.3	80	81.9	1.3	1.1		310
Shediac H	2000/12/03	0.207	13.1	<1	5.65	< 0.1	9.75	70	69.7	0.5	0.6		10
Shediac H	2000/12/03	0.205	12.8	<1	5.79	< 0.1	9.98	70	69.7	0.5	< 0.5		20
Shediac H	2001/06/03	0.147	36.1	<1	11.6	< 0.1	8.04	100	102	2.2	< 0.5		10
Shediac H	2001/07/03	0.081	57.2	<1	18.9	< 0.1	9	50	149	2.6	0.5		10
Shediac H	2001/08/07	0.068	78.8	<1	23.2	< 0.1	9.03	20	188	1.5	0.7		230
Shediac H	2001/09/05	0.036	80.1	<1	24.1	< 0.1	9.48	10	198	2.9	0.6		40
Shediac H	2001/09/05	0.04	83.4	<1	25.8	< 0.1	9.37	10	199	2.9	< 0.5		310
Shediac H	2001/09/11	0.041	81.6	<1	25.4	< 0.1	10.2	20	213	1.6	< 0.5	9.6	40
Shediac H	2001/10/09	0.043	89.1	<1	25.8	< 0.1	8.74	15	199	4.6	0.6		10
Shediac H	2001/11/18	0.155	32.3	<1	14.5	< 0.1	17.5	40	162	1.7	0.6		50
Shediac H	2002/06/19	0.139	38.6	<1	12.8	< 0.1	13.8	80	132	0.7	0.7		20
Shediac H	2002/07/17	0.142	49.8	<1	16.1	< 0.1	10.6	100	136	2.2	0.5		90
Shediac H	21/08/2002	0.074	61.1	<1	18.9	< 0.1	10.4	80	163	3.1	0.6		60
Shediac H	18/09/2002	0.209	25.1	<1	10	< 0.1	16.7	80	130	2.7	1.2		110
Shediac River @ mouth	1999/11/18		71.8				8960	5	21900				

Station	FromDate	ENT/MPN	F	Fe	HARD	K	Mg	Mn	Na	NH3T	Ni	NO2	NO3
		(MPN/100ml)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µg/L)	(mg/L)	(mg/L)
Canon Croft South	1999/11/18	10	> 0.1							< 0.01		< 0.05	0.22
Cornwall Road	1999/11/18	10	> 0.1							0.017		< 0.05	0.1
Parlee Beach Volleyball	1999/11/18	150	0.609							0.117		< 0.05	< 0.05
Scoudouc A	1999/10/14		> 0.1	0.73	20	0.293	1	0.028	7.82	0.012	< 5	< 0.05	< 0.05
Scoudouc A	1999/11/18	10	> 0.1	0.4	22.7	0.535	1.14	0.032	8.2	0.014	< 5	< 0.05	< 0.05
Scoudouc A	2000/10/04		> 0.1	0.211	60	0.732	3.01	0.024	13	0.011	< 5	< 0.05	< 0.05
Scoudouc A	2000/11/12		> 0.1	0.595	17	0.546	0.991	0.048	6.22	0.02	< 5	< 0.05	< 0.05
Scoudouc A	2000/12/03		> 0.1	0.428	13.4	0.318	0.789	0.038	6.07	0.013	< 5	< 0.05	< 0.05
Scoudouc A	2001/06/03		> 0.1	0.69	8.5	0.231	0.509	0.051	3.23	0.043	< 5	< 0.05	< 0.05
Scoudouc A	2001/07/03		> 0.1	0.807	40.6	0.357	2.11	0.102	11.6	0.013	< 5	< 0.05	< 0.05
Scoudouc A	2001/08/07		0.108	0.15	56.8	0.351	3.09	0.029	16.9	0.013	< 5	< 0.05	< 0.05
Scoudouc A	2001/09/05		0.12	0.115	48	0.482	2.64	0.09	14.1	< 0.01	< 5	< 0.05	< 0.05
Scoudouc A	2001/10/09		0.16	0.133	51	0.618	2.66	0.058	19.4	< 0.01	< 5	< 0.05	< 0.05
Scoudouc A	2001/11/18		> 0.1	0.415	42.6	0.571	2.37	0.077	13.4	0.037	< 5	< 0.05	0.082
Scoudouc A	2002/06/19		< 0.1	0.753	24.5	0.31	1.18	0.087	10.2	0.015	< 5	< 0.05	< 0.05
Scoudouc A	2002/07/17		< 0.1	1.06	34.8	0.36	1.65	0.177	12.4	0.024	< 5	< 0.05	< 0.05
Scoudouc A	21/08/2002		< 0.1	0.582	36.8	0.66	1.73	0.968	13.1	0.019	< 5	< 0.05	< 0.05
Scoudouc A	18/09/2002		< 0.1	0.832	23.5	0.82	1.22	0.106	11.2	0.013	< 5	< 0.05	< 0.05
Scoudouc A	18/09/2002		< 0.1	0.83	23.3	0.78	1.21	0.108	11.2	0.01	< 5	< 0.05	< 0.05
Scoudouc B	1999/10/14		> 0.1	0.77	20.2	0.295	1.05	0.056	8.6	< 0.01	< 5	< 0.05	< 0.05
Scoudouc B	1999/11/18	10	> 0.1	0.41	25.4	0.525	1.34	0.05	8.66	0.012	< 5	< 0.05	< 0.05
Scoudouc B	2000/10/04		> 0.1	0.609	64	0.905	2.95	0.108	19.2	0.018	< 5	< 0.05	< 0.05
Scoudouc B	2000/11/12		> 0.1	0.595	17.1	0.482	1.03	0.098	5.84	0.015	< 5	< 0.05	< 0.05
Scoudouc B	2000/12/03		> 0.1	0.33	9.31	0.084	0.658	0.104	5.4	0.013	< 5	< 0.05	< 0.05
Scoudouc B	2001/06/03		> 0.1	0.761	30.6	0.507	1.5	0.111	7.99	0.026	< 5	< 0.05	< 0.05
Scoudouc B	2001/07/03		> 0.1	0.54	81.5	0.599	3.42	0.165	10	0.023	< 5	< 0.05	< 0.05
Scoudouc B	2001/08/07		0.113	0.41	126	0.928	5.07	0.274	11.3	0.022	< 5	< 0.05	< 0.05
Scoudouc B	2001/09/05		0.112	0.336	89.6	0.682	3.61	0.097	9.95	< 0.01	< 5	< 0.05	< 0.05
Scoudouc B	2001/10/09		0.128	0.394	119	1.14	4.62	0.128	14.4	< 0.01	< 5	< 0.05	< 0.05
Scoudouc B	2001/10/09		0.126	0.38	117	1.13	4.56	0.129	14.2	< 0.01	< 5	< 0.05	< 0.05
Scoudouc B	2001/11/18		> 0.1	0.467	41.4	0.68	2.41	0.16	13.1	0.019	< 5	< 0.05	< 0.05
Scoudouc B	2002/06/19		< 0.1	0.713	26.7	0.32	1.3	0.092	10.9	< 0.01	< 5	< 0.05	< 0.05
Scoudouc B	2002/07/17		< 0.1	1.24	44.8	0.44	1.99	0.258	12.8	0.051	< 5	< 0.05	< 0.05
Scoudouc B	21/08/2002		< 0.1	0.922	78.6	0.76	3.25	0.274	16.7	0.026	< 5	< 0.05	< 0.05
Scoudouc B	21/08/2002		< 0.1	0.887	77.8	0.81	3.23	0.303	16.9	0.025	< 5	< 0.05	< 0.05
Scoudouc B	18/09/2002		< 0.1	0.781	22.4	0.48	1.19	0.132	11.4	0.024	< 5	< 0.05	< 0.05
Scoudouc C	2000/10/04		> 0.1	0.513	13	< 0.05	0.732	0.04	3.83	0.014	< 5	< 0.05	< 0.05
Scoudouc C	2000/11/12		> 0.1	0.476	10.4	0.216	0.711	0.041	3.67	0.013	< 5	< 0.05	< 0.05
Scoudouc C	2000/12/03		> 0.1	0.391	7.42	0.097	0.53	0.026	2.87	< 0.01	< 5	< 0.05	< 0.05
Scoudouc C	2001/06/03		> 0.1	0.891	26.7	0.418	1.32	0.16	7.63	0.054	< 5	< 0.05	< 0.05
Scoudouc C	2001/07/03		> 0.1	2.65	26.7	0.24	1.13	1.69	4.03	0.04	6.5	< 0.05	< 0.05
Scoudouc C	2001/08/07		> 0.1	1.37	20.5	0.21	0.991	0.737	3.94	< 0.01	< 5	< 0.05	< 0.05
Scoudouc C	2001/09/05		> 0.1	1.5	23.8	0.241	1.05	0.421	4.27	< 0.01	< 5	< 0.05	< 0.05
Scoudouc C	2001/10/09		> 0.1	0.623	19.4	0.298	0.936	0.104	5.22	0.011	< 5	< 0.05	< 0.05
Scoudouc C	2001/11/18		> 0.1	0.62	22.4	0.32	1.56	0.106	4.88	0.013	< 5	< 0.05	< 0.05
Scoudouc D	2000/10/04		> 0.1	0.327	45.2	0.411	2.12	0.044	10.8	0.012	< 5	< 0.05	< 0.05
Scoudouc D	2000/11/12		> 0.1	0.734	15.9	0.52	0.983	0.061	5.04	0.014	< 5	< 0.05	< 0.05
Scoudouc D	2000/12/03		> 0.1	0.421	11.6	0.265	0.729	0.036	4.42	< 0.01	< 5	< 0.05	< 0.05
Scoudouc D	2001/06/03		> 0.1	0.661	27.9	0.454	1.35	0.041	7.06	0.014	< 5	< 0.05	< 0.05
Scoudouc D	2001/06/03		> 0.1	0.723	29.6	0.5	1.43	0.05	7.4	0.012	< 5	< 0.05	< 0.05
Scoudouc D	2001/07/03		> 0.1	0.43	40.5	0.527	1.88	0.071	9.25	< 0.01	< 5	< 0.05	< 0.05
Scoudouc D	2001/08/07		0.105	0.187	54.1	0.636	2.39	0.083	15.1	0.036	< 5	< 0.05	< 0.05
Scoudouc D	2001/09/05		> 0.1	0.282	56.7	0.646	2.51	0.068	14.5	< 0.01	< 5	< 0.05	< 0.05
Scoudouc D	2001/10/09		0.105	0.168	79.1	2.27	5.82	0.08	44	< 0.01	< 5	< 0.05	< 0.05
Scoudouc D	2001/11/18		> 0.1	0.392	35.3	0.551	2.04	0.071	9.37	0.02	< 5	< 0.05	0.114
Scoudouc E	2000/10/04		> 0.1	0.199	42.8	0.326	2.02	0.023	11.3	< 0.01	< 5	< 0.05	< 0.05
Scoudouc E	2000/11/12		> 0.1	0.61	15.5	0.464	0.938	0.054	5.16	0.015	< 5	< 0.05	< 0.05
Scoudouc E	2000/12/03		> 0.1	0.431	11.6	0.276	0.717	0.042	4.72	< 0.01	< 5	< 0.05	< 0.05
Scoudouc E	2001/06/03		> 0.1	0.703	29.9	0.49	1.42	0.042	7.26	0.011	< 5	< 0.05	< 0.05
Scoudouc E	2001/07/03		> 0.1	0.485	38.8	0.351	1.78	0.041	10.1	0.015	< 5	< 0.05	< 0.05
Scoudouc E	2001/07/03		> 0.1	0.485	40.3	0.363	1.84	0.041	10.3	< 0.01	< 5	< 0.05	< 0.05
Scoudouc E	2001/08/07		0.109	0.144	51.4	0.561	2.27	0.037	17	0.018	< 5	< 0.05	< 0.05
Scoudouc E	2001/09/05		> 0.1	0.209	44.6	0.469	1.96	0.041	13.3	< 0.01	< 5	< 0.05	< 0.05
Scoudouc E	2001/10/09		0.111	0.165	58.4	1.01	2.51	0.075	18.7	< 0.01	< 5	< 0.05	< 0.05
Scoudouc E	2001/11/18		> 0.1	0.39	37.2	0.535	2.11	0.067	10.1	0.017	< 5	< 0.05	0.112
Scoudouc E	2002/06/19		< 0.1	0.594	22.1	0.29	1.06	0.045	8.02	< 0.01	< 5	< 0.05	< 0.05
Scoudouc E	2002/07/17		< 0.1	0.818	34.3	0.34	1.59	0.088	11.1	< 0.01	< 5	< 0.05	< 0.05
Scoudouc E	2002/07/17		< 0.1	0.858	34.7	0.36	1.6	0.087	11.2	< 0.01	< 5	< 0.05	< 0.05

Station	FromDate	ENT/MPN	F	Fe	HARD	K	Mg	Mn	Na	NH3T	Ni	NO2	NO3
		(MPN/100ml)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µg/L)	(mg/L)	(mg/L)
Scoudouc E	21/08/2002		< 0.1	0.529	38	0.73	1.67	0.062	12.1	< 0.01	< 5	< 0.05	< 0.05
Scoudouc E	18/09/2002		< 0.1	0.743	23.1	0.63	1.21	0.084	9.33	0.014	< 5	< 0.05	< 0.05
Scoudouc F	2000/10/04		> 0.1	0.861	42.5	0.487	2.29	0.064	5.22	0.019	< 5	< 0.05	< 0.05
Scoudouc F	2000/11/12		> 0.1	1.1	13.9	0.583	1.1	0.098	4.45	0.015	< 5	< 0.05	< 0.05
Scoudouc F	2000/12/03		> 0.1	0.516	11.6	0.242	0.793	0.064	3.54	< 0.01	< 5	< 0.05	< 0.05
Scoudouc F	2001/06/03		> 0.1	0.787	26.5	0.386	1.38	0.077	3.47	0.031	< 5	< 0.05	< 0.05
Scoudouc F	2001/07/03		> 0.1	1.05	44.4	0.438	2.3	0.104	4.52	0.034	< 5	< 0.05	< 0.05
Scoudouc F	2001/08/07		> 0.1	0.634	59.5	0.77	2.96	0.071	5.7	< 0.01	< 5	< 0.05	< 0.05
Scoudouc F	2001/09/05		> 0.1	0.801	57.7	0.718	2.95	0.08	5.88	< 0.01	< 5	< 0.05	< 0.05
Scoudouc F	2001/10/09		> 0.1	0.614	70.6	1.12	3.68	0.038	6.72	< 0.01	< 5	< 0.05	< 0.05
Scoudouc F	2001/11/18		> 0.1	0.686	31	0.598	2.08	0.078	5.13	0.029	< 5	< 0.05	< 0.05
Scoudouc F	2001/11/18		> 0.1	0.615	20.7	0.323	1.46	0.106	4.5	0.015	< 5	< 0.05	< 0.05
Scoudouc F	2002/06/19		< 0.1	1.1	22.2	0.35	1.24	0.108	3.53	0.044	< 5	< 0.05	< 0.05
Scoudouc F	2002/06/19		< 0.1	1.1	22.8	0.27	1.25	0.119	3.59	0.022	< 5	< 0.05	< 0.05
Scoudouc F	2002/07/17		< 0.1	1.58	33	0.43	1.78	0.129	4.27	0.043	< 5	< 0.05	< 0.05
Scoudouc F	21/08/2002		< 0.1	1.59	43.5	0.7	2.38	0.099	4.6	0.024	< 5	< 0.05	< 0.05
Scoudouc F	18/09/2002		< 0.1	0.803	24.3	0.38	1.53	0.058	5.39	0.011	< 5	< 0.05	< 0.05
Scoudouc G	2000/10/04		0.165	4.24	214	1.21	10.4	1.93	157	0.06	< 5	< 0.05	< 0.05
Scoudouc G	2000/11/12		> 0.1	0.521	14.8	0.204	0.953	0.166	7.15	0.032	< 5	< 0.05	< 0.05
Scoudouc G	2000/12/03		> 0.1	0.434	12.9	0.265	0.798	0.038	5.37	< 0.01	< 5	< 0.05	< 0.05
Scoudouc G	2001/06/03		> 0.1	0.39	7.2	0.141	0.468	0.101	4.78	0.016	< 5	< 0.05	< 0.05
Scoudouc G	2001/07/03		> 0.1	0.606	7.8	0.16	0.532	0.122	4.95	0.016	< 5	< 0.05	< 0.05
Scoudouc G	2001/08/07		> 0.1	1.7	22.1	0.221	1.46	0.729	14.4	0.106	< 5	< 0.05	< 0.05
Scoudouc G	2001/09/05		> 0.1	1.5	312	1.37	15.4	1.77	316	0.076	< 5	< 0.05	< 0.05
Scoudouc G	2001/10/09		0.107	2.19	352	1.54	17	2.17	229	0.046	6.4	< 0.05	< 0.05
Scoudouc G	2001/11/18		> 0.1	0.48	29.4	0.226	1.94	0.387	9.78	0.051	< 5	< 0.05	< 0.05
Scoudouc River near mouth	1999/11/18	10	0.129							0.016		< 0.05	0.07
Shediac A	1999/10/14		> 0.1	0.28	44.3	0.922	2.99	0.01	7.97	< 0.01	< 5	< 0.05	0.11
Shediac A	1999/11/18	10	> 0.1	0.18	49.1	0.82	3.46	0.017	8.12	< 0.01	< 5	< 0.05	0.07
Shediac A	2000/10/04		> 0.1	0.088	119	1.17	7.34	0.093	14.9	< 0.01	< 5	< 0.05	< 0.05
Shediac A	2000/11/12		> 0.1	0.436	30.2	1.04	2.22	0.021	5.73	< 0.01	< 5	< 0.05	0.17
Shediac A	2000/12/03		> 0.1	0.244	33.6	0.565	2.43	0.021	6.43	< 0.01	< 5	< 0.05	0.34
Shediac A	2001/06/03		> 0.1	0.272	71	0.968	4.7	0.028	9.11	0.01	< 5	< 0.05	< 0.05
Shediac A	2001/07/03		> 0.1	0.103	98.2	0.912	6.02	0.15	10.1	0.018	< 5	< 0.05	< 0.05
Shediac A	2001/08/07		> 0.1	0.497	90.3	1.13	5.31	0.311	13	0.032	< 5	< 0.05	< 0.05
Shediac A	2001/09/05		0.106	0.138	156	1.16	8.5	0.236	21.6	< 0.01	< 5	< 0.05	< 0.05
Shediac A	2001/10/09		> 0.1	0.065	203	1.6	11	0.106	20.5	< 0.01	< 5	< 0.05	< 0.05
Shediac A	2001/10/09		> 0.1	0.066	203	1.5	10.9	0.108	19.6	< 0.01	< 5	< 0.05	< 0.05
Shediac A	2001/11/18		> 0.1	0.273	69.6	0.843	4.88	0.03	11.7	0.013	< 5	< 0.05	0.979
Shediac A	2002/06/19		< 0.1	0.313	58.4	0.99	3.85	0.032	10.1	0.022	< 5	< 0.05	0.1
Shediac A	2002/06/19		< 0.1	0.309	55.2	0.92	3.68	0.028	9.82	0.024	< 5	< 0.05	0.1
Shediac A	2002/07/17		< 0.1	0.356	60.7	0.98	3.88	0.093	8.99	< 0.01	< 5	< 0.05	0.16
Shediac A	21/08/2002		< 0.1	0.108	116	1.86	6.7	0.114	12.2	< 0.01	< 5	**0.1**	**0.05**
Shediac A	18/09/2002		< 0.1	0.468	42.3	0.98	2.82	0.02	7.55	0.01	< 5	< 0.05	0.29
Shediac B	1999/10/14		> 0.1	0.54	32.9	0.716	2.27	0.052	6.84	< 0.01	< 5	< 0.05	< 0.05
Shediac B	1999/11/18	10	> 0.1	0.2	37	0.707	2.55	0.054	7.31	< 0.01	< 5	< 0.05	< 0.05
Shediac B	2000/10/04		> 0.1	0.347	72.6	0.752	4.46	0.146	15.2	0.014	< 5	< 0.05	< 0.05
Shediac B	2000/11/12		> 0.1	0.349	22.4	0.612	1.63	0.017	4.75	< 0.01	< 5	< 0.05	< 0.05
Shediac B	2000/12/03		> 0.1	0.256	22.6	0.465	1.59	0.028	4.99	< 0.01	< 5	< 0.05	0.05
Shediac B	2001/06/03		> 0.1	0.196	46.8	0.737	3	0.137	7.87	< 0.01	< 5	< 0.05	< 0.05
Shediac B	2001/07/03		0.107	0.189	61.9	0.739	3.88	0.154	9.66	0.021	< 5	< 0.05	< 0.05
Shediac B	2001/09/05		0.103	0.413	90	0.74	5.37	0.166	14.4	0.016	< 5	< 0.05	< 0.05
Shediac B	2001/10/09		> 0.1	0.43	85.8	0.891	5.08	0.217	12.9	0.019	< 5	< 0.05	< 0.05
Shediac B	2001/11/18		> 0.1	0.164	50.5	0.782	3.61	0.049	11.3	< 0.01	< 5	< 0.05	< 0.05
Shediac B	2002/06/19		< 0.1	0.161	43.9	0.6	2.68	0.064	10.5	< 0.01	< 5	< 0.05	< 0.05
Shediac B	2002/07/17		< 0.1	0.199	47.5	0.83	3.1	0.075	8.5	< 0.01	< 5	< 0.05	< 0.05
Shediac B	2002/07/17		< 0.1	0.196	47.3	0.78	3.09	0.074	8.47	< 0.01	< 5	< 0.05	< 0.05
Shediac B	21/08/2002		< 0.1	0.275	77.3	1.01	4.68	0.134	12.5	< 0.01	< 5	< 0.05	< 0.05
Shediac B	18/09/2002		< 0.1	0.327	35.1	0.73	2.45	0.03	7.86	< 0.01	< 5	< 0.05	< 0.05
Shediac Bay @ Bay Vista	1999/11/18	10	0.674									< 0.05	< 0.05
Shediac Bay @ Queen's Wharf	1999/11/18	10	0.691									< 0.05	< 0.05
Shediac C	1999/10/14		> 0.1	0.23	37.1	1.11	2.39	0.023	7.88	< 0.01	< 5	< 0.05	0.08
Shediac C	1999/11/18	10	> 0.1	0.17	45.3	1.09	2.96	0.029	8.71	< 0.01	< 5	< 0.05	0.05
Shediac C	2000/10/04		> 0.1	0.09	91.1	1.37	5.83	0.045	17.3	< 0.01	< 5	< 0.05	< 0.05
Shediac C	2000/11/12		> 0.1	0.46	32.4	1.47	2.16	0.03	7.1	0.021	< 5	< 0.05	0.2
Shediac C	2000/12/03		> 0.1	0.271	27.8	0.684	1.86	0.028	7.44	< 0.01	< 5	< 0.05	0.25
Shediac C	2001/06/03		> 0.1	0.153	53.2	1	3.39	0.032	8.19	< 0.01	< 5	< 0.05	< 0.05
Shediac C	2001/06/03		> 0.1	0.154	55	1.05	3.48	0.034	8.54	< 0.01	< 5	< 0.05	< 0.05

Station	FromDate	ENT/MPN	F	Fe	HARD	K	Mg	Mn	Na	NH3T	Ni	NO2	NO3
		(MPN/100ml)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µg/L)	(mg/L)	(mg/L)
Shediac C	2001/07/03		> 0.1	0.083	76.2	1.12	4.86	0.05	9.51	< 0.01	< 5	< 0.05	< 0.05
Shediac C	2001/08/07		> 0.1	0.098	93.4	1.66	5.75	0.057	10.3	< 0.01	< 5	< 0.05	< 0.05
Shediac C	2001/09/05		> 0.1	0.094	106	1.27	6.97	0.047	10.4	< 0.01	< 5	< 0.05	< 0.05
Shediac C	2001/09/11		0.101	0.111	109.2	1.66	7	0.104	11.2	< 0.01	< 5	< 0.05	< 0.05
Shediac C	2001/10/09		> 0.1	0.069	115	1.35	7.67	0.051	9.59	< 0.01	< 5	< 0.05	< 0.05
Shediac C	2001/11/18		> 0.1	0.187	64.9	1.22	4.28	0.036	13.9	< 0.01	< 5	< 0.05	0.56
Shediac C	2002/06/19		< 0.1	0.2	49.6	0.87	3.12	0.025	12	< 0.01	< 5	< 0.05	< 0.05
Shediac C	2002/07/17		< 0.1	0.228	51.1	1.16	3.17	0.034	9.45	< 0.01	< 5	< 0.05	< 0.05
Shediac C	21/08/2002		< 0.1	0.092	87.9	1.51	5.35	0.042	11.9	< 0.01	< 5	< 0.05	< 0.05
Shediac C	21/08/2002		< 0.1	0.092	87.4	1.54	5.34	0.037	12	< 0.01	< 5	< 0.05	< 0.05
Shediac C	18/09/2002		< 0.1	0.394	41.7	1.33	2.63	0.018	9.54	< 0.01	< 5	< 0.05	0.14
Shediac D	1999/10/14		> 0.1	0.65	35.9	1.08	2.16	0.032	6.49	< 0.01	< 5	< 0.05	0.05
Shediac D	1999/11/18	10	> 0.1	0.24	40.4	0.941	2.46	0.038	6.93	< 0.01	< 5	< 0.05	0.05
Shediac D	2000/10/04		> 0.1	0.112	72.3	1.2	4.04	0.016	10.6	< 0.01	< 5	< 0.05	< 0.05
Shediac D	2000/11/12		> 0.1	0.58	27.5	1.16	1.8	0.03	5.55	0.089	< 5	< 0.05	0.12
Shediac D	2000/12/03		> 0.1	0.433	23.6	0.588	1.52	0.043	5.02	< 0.01	< 5	< 0.05	0.18
Shediac D	2001/06/03		> 0.1	0.217	45.6	0.776	2.58	0.039	6.2	< 0.01	< 5	< 0.05	< 0.05
Shediac D	2001/07/03		> 0.1	0.11	60.2	0.96	3.27	0.034	7.35	< 0.01	< 5	< 0.05	< 0.05
Shediac D	2001/08/07		> 0.1	0.089	77.6	1.32	4	0.053	8.67	0.024	< 5	< 0.05	< 0.05
Shediac D	2001/09/05		> 0.1	0.094	77.3	1.01	4.13	0.026	8.98	< 0.01	< 5	< 0.05	< 0.05
Shediac D	2001/10/09		> 0.1	0.075	86.3	1.22	4.68	0.025	8.97	< 0.01	< 5	< 0.05	< 0.05
Shediac D	2001/11/18		> 0.1	0.207	58.5	1.04	3.69	0.036	11.1	< 0.01	< 5	< 0.05	0.36
Shediac D	2001/11/18		> 0.1	0.209	58.9	1.05	3.72	0.037	11.1	0.011	< 5	< 0.05	0.357
Shediac D	2002/06/19		< 0.1	0.257	46	0.74	2.63	0.037	8.84	< 0.01	< 5	< 0.05	< 0.05
Shediac D	2002/07/17		< 0.1	0.277	47.8	0.96	2.65	0.033	7.58	< 0.01	< 5	< 0.05	< 0.05
Shediac D	21/08/2002		< 0.1	0.135	73.6	1.2	3.85	0.034	9.11	< 0.01	< 5	< 0.05	< 0.05
Shediac D	18/09/2002		< 0.1	0.426	35.9	1.11	2.22	0.026	7.39	< 0.01	< 5	< 0.05	0.06
Shediac D	18/09/2002		< 0.1	0.43	36.4	1.01	2.23	0.025	7.38	< 0.01	< 5	< 0.05	0.06
Shediac E	1999/10/14		> 0.1	0.59	33.7	0.95	2.05	0.019	6.28	< 0.01	< 5	< 0.05	< 0.05
Shediac E	1999/11/18	10	> 0.1	0.22	39.8	0.998	2.35	0.022	6.81	< 0.01	< 5	< 0.05	< 0.05
Shediac E	2000/10/04		> 0.1	0.14	80.6	1.42	4.5	0.022	12	< 0.01	< 5	< 0.05	< 0.05
Shediac E	2000/11/12		> 0.1	0.563	26	1.03	1.7	0.029	5.26	< 0.01	< 5	< 0.05	0.11
Shediac E	2000/12/03		> 0.1	0.399	22.6	0.555	1.46	0.035	4.91	< 0.01	< 5	< 0.05	0.16
Shediac E	2001/06/03		> 0.1	0.206	45.4	0.799	2.6	0.022	6.21	< 0.01	< 5	< 0.05	< 0.05
Shediac E	2001/07/03		> 0.1	0.094	59.5	0.814	3.24	0.02	7.16	< 0.01	< 5	< 0.05	< 0.05
Shediac E	2001/08/07		> 0.1	0.043	73.8	1.26	3.76	0.033	8.16	0.021	< 5	< 0.05	< 0.05
Shediac E	2001/09/05		> 0.1	0.07	82.4	1	4.3	0.015	9.22	< 0.01	< 5	< 0.05	< 0.05
Shediac E	2001/09/11		0.105	0.063	75.3	1.33	3.92	0.076	8.85	< 0.01	< 5	< 0.05	< 0.05
Shediac E	2001/10/09		> 0.1	0.045	82	1.14	4.39	0.015	8.6	< 0.01	< 5	< 0.05	< 0.05
Shediac E	2001/11/18		> 0.1	0.203	59.5	1.02	3.74	0.028	11	< 0.01	< 5	< 0.05	0.379
Shediac F	1999/10/14		> 0.1	1.2	26.4	0.571	2.2	0.124	3.08	< 0.01	< 5	< 0.05	< 0.05
Shediac F	1999/11/18	10	> 0.1	0.24	29.5	0.605	2.31	0.077	3.15	0.01	< 5	< 0.05	< 0.05
Shediac F	2000/10/04		> 0.1	0.324	51.3	0.695	3.92	0.145	4.55	0.013	< 5	< 0.05	< 0.05
Shediac F	2000/11/12		> 0.1	0.477	19.6	0.557	1.6	0.04	3.28	0.014	< 5	< 0.05	< 0.05
Shediac F	2000/12/03		> 0.1	0.358	15.4	0.296	1.28	0.038	2.53	< 0.01	< 5	< 0.05	< 0.05
Shediac F	2001/06/03		> 0.1	0.433	29	0.488	2.56	0.052	3.74	0.01	< 5	< 0.05	< 0.05
Shediac F	2001/07/03		> 0.1	0.265	43.9	0.42	3.92	0.038	4.15	0.01	< 5	< 0.05	< 0.05
Shediac F	2001/08/07		> 0.1	0.06	62.2	0.85	5.34	0.047	5.48	0.013	< 5	< 0.05	< 0.05
Shediac F	2001/09/05		> 0.1	0.461	62	0.58	4.45	0.172	5.35	< 0.01	< 5	< 0.05	< 0.05
Shediac F	2001/10/09		> 0.1	0.202	61.7	0.728	4.52	0.121	5.06	< 0.01	< 5	< 0.05	< 0.05
Shediac F	2001/11/18		> 0.1	0.285	42.8	0.657	3.72	0.063	3.95	0.017	< 5	< 0.05	< 0.05
Shediac F	2002/06/19		< 0.1	0.318	32	0.29	2.47	0.089	3.08	< 0.01	< 5	< 0.05	< 0.05
Shediac F	2002/07/17		< 0.1	0.848	35.5	0.44	2.99	0.057	4.32	< 0.01	< 5	< 0.05	< 0.05
Shediac F	21/08/2002		< 0.1	0.264	57	0.69	4.89	0.045	5.38	< 0.01	< 5	< 0.05	< 0.05
Shediac F	18/09/2002		< 0.1	0.541	27.3	0.63	2.2	0.036	5.33	< 0.01	< 5	< 0.05	< 0.05
Shediac G	1999/10/14		> 0.1	1.15	26.3	0.588	2.31	0.029	4.39	0.016	< 5	< 0.05	< 0.05
Shediac G	1999/11/18	10	> 0.1	0.28	30.1	0.686	2.55	0.028	4.28	< 0.01	< 5	< 0.05	< 0.05
Shediac G	2000/10/04		> 0.1	0.174	46.3	0.68	3.99	0.017	6.01	< 0.01	< 5	< 0.05	< 0.05
Shediac G	2000/11/12		> 0.1	0.452	17.8	0.74	1.45	0.04	4.13	0.013	< 5	< 0.05	< 0.05
Shediac G	2000/12/03		> 0.1	0.317	15.4	0.357	1.33	0.038	3.36	< 0.01	< 5	< 0.05	< 0.05
Shediac G	2001/06/03		> 0.1	0.468	32.4	0.515	2.43	0.171	3.2	0.012	< 5	< 0.05	< 0.05
Shediac G	2001/07/03		> 0.1	0.389	43.8	0.487	3.19	0.232	3.65	0.014	< 5	< 0.05	< 0.05
Shediac G	2001/08/07		> 0.1	0.41	60.2	0.719	4.11	0.248	4.98	0.07	< 5	< 0.05	< 0.05
Shediac G	2001/09/05		> 0.1	0.082	66	0.626	5.81	0.019	6.13	< 0.01	< 5	< 0.05	< 0.05
Shediac G	2001/10/09		> 0.1	0.057	70.3	0.942	6.26	0.061	5.87	< 0.01	< 5	< 0.05	< 0.05
Shediac G	2001/11/18		> 0.1	0.342	39.7	0.876	3.37	0.032	6.67	0.012	< 5	< 0.05	0.123
Shediac G	2002/06/19		< 0.1	0.509	29.5	0.35	2.48	0.043	4.29	< 0.01	< 5	< 0.05	< 0.05
Shediac G	2002/07/17		< 0.1	0.678	35	0.42	2.62	0.14	2.95	0.019	< 5	< 0.05	< 0.05

Station	FromDate	ENT/MPN	F	Fe	HARD	K	Mg	Mn	Na	NH3T	Ni	NO2	NO3
		(MPN/100ml)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µg/L)	(mg/L)	(mg/L)
Shediac G	21/08/2002		< 0.1	0.406	54.6	0.65	3.84	0.122	4.33	< 0.01	< 5	< 0.05	< 0.05
Shediac G	18/09/2002		< 0.1	0.487	32.1	0.49	2.64	0.059	3.41	0.012	< 5	< 0.05	< 0.05
Shediac H	1999/10/14		> 0.1	1.27	37.1	1.02	2.21	0.096	8.6	0.022	< 5	< 0.05	0.17
Shediac H	1999/11/18	10	> 0.1	0.52	41	1.61	2.32	0.093	8.39	0.48	< 5	< 0.05	0.25
Shediac H	2000/10/04		> 0.1	0.389	73.9	1.41	3.95	0.101	12.4	0.021	< 5	< 0.05	0.11
Shediac H	2000/11/12		> 0.1	0.584	22.7	1.56	1.37	0.031	6.67	0.38	< 5	0.13	0.2
Shediac H	2000/12/03		> 0.1	0.391	19	0.517	1.19	0.055	6.08	0.027	< 5	0.05	0.14
Shediac H	2000/12/03		> 0.1	0.395	19.5	0.562	1.22	0.057	6.24	0.025	< 5	< 0.05	0.14
Shediac H	2001/06/03		> 0.1	0.664	37.6	0.612	2.09	0.112	6.32	0.02	< 5	< 0.05	< 0.05
Shediac H	2001/07/03		> 0.1	0.561	60.9	0.765	3.34	0.096	7.65	0.014	< 5	< 0.05	< 0.05
Shediac H	2001/08/07		> 0.1	0.348	74.2	0.835	3.95	0.116	7.92	0.02	< 5	< 0.05	< 0.05
Shediac H	2001/09/05		> 0.1	0.292	77	0.87	4.11	0.084	8.6	< 0.01	< 5	< 0.05	< 0.05
Shediac H	2001/09/05		> 0.1	0.326	82.6	0.895	4.44	0.09	8.9	< 0.01	< 5	< 0.05	< 0.05
Shediac H	2001/09/11		0.104	0.369	81.2	1.02	4.32	0.132	10.6	< 0.01	< 5	< 0.05	< 0.05
Shediac H	2001/10/09		> 0.1	0.203	82.9	1.03	4.51	0.076	7.99	< 0.01	< 5	< 0.05	< 0.05
Shediac H	2001/11/18		> 0.1	0.382	48	1.13	2.84	0.064	11.4	0.025	< 5	< 0.05	0.335
Shediac H	2002/06/19		< 0.1	0.73	41.5	0.66	2.29	0.1	10.1	< 0.01	< 5	< 0.05	< 0.05
Shediac H	2002/07/17		< 0.1	1	52	0.74	2.87	0.119	8.6	< 0.01	< 5	< 0.05	< 0.05
Shediac H	21/08/2002		< 0.1	0.742	60.8	1.72	3.31	0.065	8.57	0.184	< 5	< 0.05	0.2
Shediac H	18/09/2002		< 0.1	0.641	32.5	1.14	1.82	0.048	11.4	0.024	< 5	< 0.05	0.12
Shediac River @ mouth	1999/11/18	10	0.473							0.031			0.59

Station	FromDate	NOX	Pb	PH	Sb	SO4	SS	TDS	TEMP	TKN	TN	TOC	TP-L
		(mg/L)	(µg/L)	(pH)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	°C	(mg/L)	(mg/L)	(mg/L)	(mg/L)
Canon Croft South	1999/11/18	0.22		7.68		5.57	< 15			0.21		3.46	0.019
Cornwall Road	1999/11/18	0.1		7.86		10.4	< 15			0.32		7.01	0.035
Parlee Beach Volleyball	1999/11/18	< 0.05		7.58		1730	< 15			0.48		3.78	0.053
Scoudouc A	1999/10/14	< 0.05	< 1	6.47	< 1	2.1	< 15	35.725		0.77		26.7	0.023
Scoudouc A	1999/11/18	< 0.05	< 1	7.13	< 1	2.47	< 15	42.882		0.54		17	0.016
Scoudouc A	2000/10/04	< 0.05	< 1	7.69	< 1	3.7	< 15	91.302		0.5		10.7	0.013
Scoudouc A	2000/11/12	< 0.05	< 1	6.17	< 1	3.64	< 15	32.153		0.65		24.7	0.017
Scoudouc A	2000/12/03	< 0.05	< 1	6.42	< 1	2.8	< 15	26.799		0.51		17.7	0.012
Scoudouc A	2001/06/03	< 0.05	< 1	5.89	< 1	0.921	< 15	14.628			0.498	22.5	0.017
Scoudouc A	2001/07/03	< 0.05	< 1	7.62	< 1	2.5	< 15	66.524			0.488	15.1	0.026
Scoudouc A	2001/08/07	< 0.05	< 1	7.94	< 1	4.38	< 15	94.298			0.376	10.4	0.011
Scoudouc A	2001/09/05	< 0.05	< 1	7.88	< 1	5.1	< 15	83.618			< 0.3	7.97	0.009
Scoudouc A	2001/10/09	< 0.05	< 1	7.92	< 1	4.85	< 15	100.18			< 0.3	6.58	0.012
Scoudouc A	2001/11/18	0.132	< 1	6.72	< 1	22.5	< 15	77.385			0.63	22.2	0.033
Scoudouc A	2002/06/19	< 0.05	<1	6.98	< 1	1.76	< 15	47.104			0.59	24.8	0.027
Scoudouc A	2002/07/17	< 0.05	<1	6.91	< 1	1.89	< 15	61.872			0.78	28.4	0.038
Scoudouc A	21/08/2002	< 0.05	<1	7.15	< 1	1.83	< 15	n/a			0.73	24.6	0.018
Scoudouc A	18/09/2002	< 0.05	<1	6.43	< 1	5.03	< 15	n/a			0.78	32.6	0.029
Scoudouc A	18/09/2002	< 0.05	<1	6.45	< 1	5.79	< 15	n/a			0.79	31.8	0.029
Scoudouc B	1999/10/14	< 0.05	< 1	6.63	< 1	2.73	< 15	38.695		0.71		24.9	0.015
Scoudouc B	1999/11/18	< 0.05	< 1	7.18	< 1	3.08	< 15	46.168	0.8	0.52		17.7	0.015
Scoudouc B	2000/10/04	< 0.05	< 1	7.73	< 1	3.76	< 15	111.13		0.47		11.3	0.015
Scoudouc B	2000/11/12	< 0.05	< 1	6.35	< 1	4.01	17	31.01		0.65		24.8	0.017
Scoudouc B	2000/12/03	< 0.05	< 1	5.35	< 1	3.07	< 15	22.006		0.41		17.1	0.008
Scoudouc B	2001/06/03	< 0.05	< 1	7.27	< 1	2.33	< 15	50.09			0.431	17.6	0.025
Scoudouc B	2001/07/03	< 0.05	< 1	8	< 1	6.39	< 15	107.11			0.373	9	0.017
Scoudouc B	2001/08/07	< 0.05	< 1	8.17	< 1	9.52	< 15	149.78			< 0.3	3.42	0.009
Scoudouc B	2001/09/05	< 0.05	< 1	8.07	< 1	8.47	< 15	124.94			< 0.3	5.55	0.012
Scoudouc B	2001/10/09	< 0.05	< 1	8.09	< 1	9.84	< 15	154.83			< 0.3	4.5	0.013
Scoudouc B	2001/10/09	< 0.05	< 1	8.07	< 1	9.84	< 15	154.55			< 0.3	4.51	0.012
Scoudouc B	2001/11/18	0.074	< 1	6.92	< 1	20.1	< 15	74.713			0.624	22.4	0.017
Scoudouc B	2002/06/19	< 0.05	<1	7.11	< 1	1.79	< 15	50.631			0.56	24.4	0.023
Scoudouc B	2002/07/17	< 0.05	<1	7.31	< 1	2.81	< 15	72.653			0.74	25.1	0.032
Scoudouc B	21/08/2002	0.08	<1	7.73	< 1	4.4	< 15	n/a			0.49	14.6	0.015
Scoudouc B	21/08/2002	0.06	<1	7.73	< 1	5.04	< 15	n/a			0.51	14.4	0.015
Scoudouc B	18/09/2002	< 0.05	<1	6.57	< 1	6.15	< 15	n/a			0.62	29	0.02
Scoudouc C	2000/10/04	< 0.05	< 1	6.43	< 1	1.2	< 15	21.048		0.55		22.7	0.012
Scoudouc C	2000/11/12	< 0.05	< 1	5.04	< 1	1.96	< 15	18.03		0.43		24.6	0.009
Scoudouc C	2000/12/03	< 0.05	< 1	5.12	< 1	1.9	< 15	13.3		0.36		18.1	0.006
Scoudouc C	2001/06/03	< 0.05	< 1	7.13	< 1	2.34	< 15	47.588			0.5	16.7	0.031
Scoudouc C	2001/07/03	< 0.05	< 1	6.81	< 1	0.051	< 15	36.08			0.643	26.5	0.046
Scoudouc C	2001/08/07	< 0.05	< 1	6.9	< 1	0.433	< 15	29.975			0.64	24	0.022
Scoudouc C	2001/09/05	< 0.05	< 1	7.02	< 1	0.061	< 15	35.315			0.475	21.1	0.014
Scoudouc C	2001/10/09	< 0.05	< 1	6.92	< 1	0.635	< 15	31.731			0.662	19.1	0.013
Scoudouc C	2001/11/18	< 0.05	< 1	5.17	< 1	13.2	< 15	35.935			0.551	27.4	0.014
Scoudouc D	2000/10/04	< 0.05	< 1	7.88	< 1	3.26	< 15	72.232		0.42		12.4	0.014
Scoudouc D	2000/11/12	< 0.05	< 1	6.21	< 1	3.18	< 15	28.879		0.57		24	0.017
Scoudouc D	2000/12/03	< 0.05	< 1	6.26	< 1	2.66	< 15	22.817		0.46		18.4	0.01
Scoudouc D	2001/06/03	< 0.05	< 1	7.5	< 1	2.46	< 15	45.849	15.6		0.34	14.7	0.023
Scoudouc D	2001/06/03	< 0.05	< 1	7.51	< 1	2.31	< 15	47.026			0.381	15.4	0.03
Scoudouc D	2001/07/03	< 0.05	< 1	7.99	< 1	2.85	< 15	65.333			0.318	10.3	0.016
Scoudouc D	2001/08/07	< 0.05	< 1	8.2	< 1	3.56	< 15	93.711			0.531	6.87	0.024
Scoudouc D	2001/09/05	< 0.05	< 1	8.04	< 1	3.38	< 15	90.521			< 0.3	5.12	0.01
Scoudouc D	2001/10/09	< 0.05	< 1	8.02	< 1	11.4	< 15	212.38			< 0.3	5.94	0.011
Scoudouc D	2001/11/18	0.184	< 1	6.85	< 1	19	< 15	62.533			0.688	22	0.017
Scoudouc E	2000/10/04	< 0.05	< 1	7.78	< 1	3.67	< 15	71.002		0.37		11.3	0.009
Scoudouc E	2000/11/12	< 0.05	< 1	6.24	< 1	3.51	< 15	28.192		0.58		24.3	0.015
Scoudouc E	2000/12/03	< 0.05	< 1	6.25	< 1	2.76	< 15	23.523		0.45		19.1	0.01
Scoudouc E	2001/06/03	< 0.05	< 1	7.48	< 1	2.74	< 15	47.205	14.9		0.369	14.2	0.022
Scoudouc E	2001/07/03	< 0.05	< 1	7.93	< 1	2.8	< 15	61.24			0.364	11.1	0.018
Scoudouc E	2001/07/03	< 0.05	< 1	7.94	< 1	2.8	< 15	62.689			0.334	10.6	0.017
Scoudouc E	2001/08/07	< 0.05	< 1	8.11	< 1	3.79	< 15	93.228			< 0.3	5.47	0.007
Scoudouc E	2001/09/05	< 0.05	< 1	7.97	< 1	3.49	< 15	79.347			< 0.3	5.67	0.009
Scoudouc E	2001/10/09	< 0.05	< 1	7.96	< 1	3.54	< 15	107.63			< 0.3	6.22	0.012
Scoudouc E	2001/11/18	0.162	< 1	6.78	< 1	19.7	< 15	64.942			0.671	21.5	0.017
Scoudouc E	2002/06/19	< 0.05	<1	7.17	< 1	1.18	< 15	39.387			0.57	23.5	0.022
Scoudouc E	2002/07/17	< 0.05	<1	7.37	< 1	2.03	< 15	58.753			0.63	23.1	0.03
Scoudouc E	2002/07/17	< 0.05	<1	7.39	< 1	2.06	< 15	57.313			0.71	23.5	0.032

Station	FromDate	NOX	Pb	PH	Sb	SO4	SS	TDS	TEMP	TKN	TN	TOC	TP-L
		(mg/L)	(µg/L)	(pH)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	C	(mg/L)	(mg/L)	(mg/L)	(mg/L)
Scoudouc E	21/08/2002	< 0.05	<1	7.66	< 1	1.88	< 15	n/a			0.52	18.3	0.014
Scoudouc E	18/09/2002	< 0.05	<1	6.54	< 1	5.07	< 15	n/a			0.73	28.6	0.024
Scoudouc F	2000/10/04	< 0.05	< 1	7.46	< 1	1.98	< 15	53.632		0.53		17.8	0.023
Scoudouc F	2000/11/12	< 0.05	< 1	5.78	< 1	2.45	< 15	26.186		0.54		23.7	0.018
Scoudouc F	2000/12/03	< 0.05	< 1	5.89	< 1	1.97	< 15	18.522		0.4		19.6	0.01
Scoudouc F	2001/06/03	< 0.05	< 1	7.32	< 1	1.44	< 15	34.444	13.8		0.41	16	0.026
Scoudouc F	2001/07/03	< 0.05	< 1	7.85	< 1	2.34	< 15	56.613			0.41	11.3	0.021
Scoudouc F	2001/08/07	< 0.05	< 1	8.07	< 1	2.23	< 15	74.753			< 0.3	6.46	0.014
Scoudouc F	2001/09/05	< 0.05	< 1	8.06	< 1	3.04	< 15	74.605			< 0.3	8.08	0.015
Scoudouc F	2001/10/09	< 0.05	< 1	8.03	< 1	2.62	< 15	88.448			0.348	8.04	0.015
Scoudouc F	2001/11/18	0.068	< 1	6.83	< 1	13.6	< 15	46.03			0.603	24.2	0.015
Scoudouc F	2001/11/18	< 0.05	< 1	5.16	< 1	12.2	< 15	34.396			0.574	27.9	0.014
Scoudouc F	2002/06/19	< 0.05	<1	7.1	< 1	0.98	< 15	28.033			0.57	25.1	0.023
Scoudouc F	2002/06/19	< 0.05	<1	7.08	< 1	1.01	< 15	28.179			0.49	25.2	0.019
Scoudouc F	2002/07/17	< 0.05	<1	7.12	< 1	1.31	< 15	39.822			0.76	27.7	0.029
Scoudouc F	21/08/2002	0.06	<1	7.57	< 1	1.62	< 15	n/a			0.56	21.3	0.016
Scoudouc F	18/09/2002	< 0.05	<1	6.55	< 1	3.66	< 15	n/a			0.6	27.8	0.015
Scoudouc G	2000/10/04	< 0.05	< 1	7.25	< 1	7.85	< 15	293.34		0.37		9.29	0.016
Scoudouc G	2000/11/12	< 0.05	< 1	5.63	< 1	4.12	< 15	32.167		0.54		24.5	0.013
Scoudouc G	2000/12/03	< 0.05	< 1	6.53	< 1	3.07	< 15	25.714		0.49		17.8	0.01
Scoudouc G	2001/06/03	< 0.05	< 1	5.9	< 1	0.941	< 15	18.037			0.423	17.9	0.02
Scoudouc G	2001/07/03	< 0.05	< 1	6.26	< 1	0.886	< 15	19.27			0.556	20.6	0.032
Scoudouc G	2001/08/07	< 0.05	< 1	7.04	< 1	1.02	< 15	60.677			0.652	19.1	0.039
Scoudouc G	2001/09/05	< 0.05	< 1	6.94	< 1	48	< 15	1189.5			0.413	11	0.016
Scoudouc G	2001/10/09	< 0.05	< 1	7.83	< 1	12.3	< 15	975.18			0.361	7	0.014
Scoudouc G	2001/11/18	< 0.05	< 1	5.6	< 1	18.5	< 15	57.03			0.601	22.5	0.016
Scoudouc River near mouth	1999/11/18	0.07		7.27		242	< 15			0.43		14.1	0.014
Shediac A	1999/10/14	0.11	< 1	7.51	< 1	13.4	< 15	66.017		0.38		8.87	0.009
Shediac A	1999/11/18	0.07	< 1	7.75	< 1	21	< 15	81.543	0.1	0.32		6.85	0.008
Shediac A	2000/10/04	< 0.05	< 1	7.91	< 1	53.9	< 15	172.56		0.24		5.18	0.01
Shediac A	2000/11/12	0.17	< 1	7.47	< 1	6.8	< 15	47.269		0.56		11.4	0.018
Shediac A	2000/12/03	0.34	< 1	7.61	< 1	10	< 15	54.899		0.28		5.94	0.011
Shediac A	2001/06/03	0.06	< 1	7.84	< 1	18.7	< 15	96.853			0.372	7.23	0.018
Shediac A	2001/07/03	< 0.05	< 1	7.92	< 1	37.7	< 15	135.66			< 0.3	5.02	0.01
Shediac A	2001/08/07	0.075	< 1	8.13	< 1	10.6	< 15	122.84			< 0.3	2.7	0.007
Shediac A	2001/09/05	< 0.05	< 1	7.96	< 1	67	< 15	217.87			< 0.3	4.94	0.012
Shediac A	2001/10/09	< 0.05	< 1	8.03	< 1	110	< 15	293.51			< 0.3	3.48	0.008
Shediac A	2001/10/09	< 0.05	< 1	8.02	< 1	109	< 15	290.11			< 0.3	3.31	0.01
Shediac A	2001/11/18	1.03	< 1	7.54	< 1	40.4	< 15	116.17	1.5		1.36	7.79	0.011
Shediac A	2002/06/19	0.15	<1	7.71	< 1	16.9	15	89.135			0.67	10.3	0.03
Shediac A	2002/06/19	0.15	<1	7.71	1	17	< 15	87.62			0.69	9.9	0.029
Shediac A	2002/07/17	0.21	<1	7.69	1	17.4	< 15	93.413			0.48	6.8	0.015
Shediac A	21/08/2002	< 0.05	<1	7.88	< 1	39.7	< 15	n/a			0.72	7	0.014
Shediac A	18/09/2002	0.34	<1	7.49	< 1	13	< 15	n/a			0.81	13.3	0.017
Shediac B	1999/10/14	< 0.05	< 1	7.32	< 1	6.69	< 15	51.054		0.33		10.6	0.011
Shediac B	1999/11/18	< 0.05	< 1	7.52	< 1	8.96	< 15	57.51	0.2	0.28		7.69	0.01
Shediac B	2000/10/04	< 0.05	< 1	7.91	< 1	11.9	< 15	113.38		< 0.2		3.71	0.006
Shediac B	2000/11/12	< 0.05	< 1	7.26	< 1	4.38	< 15	34.843		0.38		12	0.013
Shediac B	2000/12/03	0.05	< 1	7.35	< 1	4.47	< 15	35.538		0.31		8.52	0.01
Shediac B	2001/06/03	< 0.05	< 1	7.71	< 1	4.54	< 15	65.842			< 0.3	5.52	0.009
Shediac B	2001/07/03	< 0.05	< 1	7.94	< 1	6.77	< 15	89.424			< 0.3	3.58	0.008
Shediac B	2001/09/05	0.064	< 1	8.11	< 1	9.02	< 15	124.15			< 0.3	3.07	0.006
Shediac B	2001/10/09	< 0.05	< 1	7.97	< 1	11.3	< 15	125.43			< 0.3	2.86	0.009
Shediac B	2001/11/18	< 0.05	< 1	7.46	< 1	20.4	< 15	82.349	1.5		< 0.3	8.38	0.01
Shediac B	2002/06/19	< 0.05	<1	7.73	< 1	5.91	< 15	71.955			< 0.3	8.4	0.01
Shediac B	2002/07/17	0.07	<1	7.68	< 1	5.32	< 15	71.399			0.32	7.7	0.011
Shediac B	2002/07/17	0.08	<1	7.68	< 1	5.28	< 15	71.289			< 0.3	7.8	0.011
Shediac B	21/08/2002	0.09	<1	7.93	< 1	7.95	< 15	n/a			< 0.3	3.5	0.007
Shediac B	18/09/2002	< 0.05	<1	7.42	< 1	9.37	< 15	n/a			0.36	13.8	0.014
Shediac Bay @ Bay Vista	1999/11/18	< 0.05		7.81		1960	< 15			0.25		2.31	0.018
Shediac Bay @ Queen's Wharf	1999/11/18	< 0.05		7.83		2040	20			0.28		2.28	0.031
Shediac C	1999/10/14	0.08	< 1	7.41	< 1	10.1	< 15	59.067		0.35		9.03	0.017
Shediac C	1999/11/18	0.05	< 1	7.68	< 1	13.2	< 15	75.053	1.5	0.31		6.56	0.01
Shediac C	2000/10/04	< 0.05	< 1	8.02	< 1	26.4	< 15	144.36		0.3		3.8	0.007
Shediac C	2000/11/12	0.2	< 1	7.48	< 1	6.6	18	53.799		0.61		12.1	0.035
Shediac C	2000/12/03	0.25	< 1	7.39	< 1	6.77	< 15	48.574		0.29		7.62	0.015
Shediac C	2001/06/03	< 0.05	< 1	7.81	< 1	12.8	< 15	79.447			< 0.3	5.5	0.012
Shediac C	2001/06/03	< 0.05	< 1	7.84	< 1	12.8	< 15	81.102			< 0.3	5.41	0.016

Station	FromDate	NOX	Pb	PH	Sb	SO4	SS	TDS	TEMP	TKN	TN	TOC	TP-L
		(mg/L)	(µg/L)	(pH)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	C	(mg/L)	(mg/L)	(mg/L)	(mg/L)
Shediac C	2001/07/03	< 0.05	< 1	8.02	< 1	16.2	16	109.37			< 0.3	3.71	0.014
Shediac C	2001/08/07	< 0.05	< 1	8.2	< 1	15.7	< 15	128.53			< 0.3	3.13	0.009
Shediac C	2001/09/05	< 0.05	< 1	8.21	< 1	20.8	< 15	138.32			< 0.3	2.99	0.008
Shediac C	2001/09/11	< 0.05	< 1	8.28	< 1	19.6	< 15	144.93	21		< 0.3	3.54	0.01
Shediac C	2001/10/09	< 0.05	< 1	8.2	< 1	19.7	< 15	146.47			< 0.3	2.98	0.012
Shediac C	2001/11/18	0.61	< 1	7.63	< 1	30	< 15	113.05	2.2		0.814	6.8	0.013
Shediac C	2002/06/19	0.07	<1	7.87	< 1	11.4	< 15	85.838			< 0.3	8	0.013
Shediac C	2002/07/17	0.1	<1	7.76	< 1	9.41	< 15	79.797			0.3	6.7	0.018
Shediac C	21/08/2002	< 0.05	<1	8.16	< 1	12	< 15	n/a			< 0.3	4	0.005
Shediac C	21/08/2002	< 0.05	<1	8.16	< 1	12	< 15	n/a			< 0.3	3.9	0.005
Shediac C	18/09/2002	0.19	<1	7.54	< 1	12	< 15	n/a			0.6	12.8	0.026
Shediac D	1999/10/14	0.05	< 1	7.44	< 1	7.2	< 15	53.942		0.35		10.1	0.015
Shediac D	1999/11/18	0.05	< 1	7.65	< 1	7.34	< 15	60.198	0.2	0.31		7.38	0.012
Shediac D	2000/10/04	< 0.05	< 1	8.18	< 1	12	< 15	101.86		0.23		3.58	0.006
Shediac D	2000/11/12	0.12	< 1	7.33	< 1	5.11	< 15	43.471		0.47		12	0.022
Shediac D	2000/12/03	0.18	< 1	7.38	< 1	4.53	< 15	37.869		0.3		8.52	0.016
Shediac D	2001/06/03	< 0.05	< 1	7.79	< 1	7.76	< 15	66.421	13.3		< 0.3	5.78	0.013
Shediac D	2001/07/03	< 0.05	< 1	8.58	< 1	6.79	< 15	83.733			< 0.3	4.08	0.011
Shediac D	2001/08/07	< 0.05	< 1	8.45	< 1	7.25	< 15	103.27			< 0.3	3.59	0.013
Shediac D	2001/09/05	< 0.05	< 1	8.44	< 1	8.13	< 15	103.97			< 0.3	3.21	0.01
Shediac D	2001/10/09	< 0.05	< 1	8.34	< 1	9.25	< 15	112.8			< 0.3	3.03	0.013
Shediac D	2001/11/18	0.41	< 1	7.66	< 1	23.4	< 15	95.288			0.598	7.9	0.014
Shediac D	2001/11/18	0.407	< 1	7.7	< 1	23.4	< 15	95.545			0.609	6.83	0.012
Shediac D	2002/06/19	< 0.05	<1	7.85	< 1	6.79	< 15	71.523			< 0.3	7.9	0.015
Shediac D	2002/07/17	< 0.05	<1	8.46	< 1	6.3	< 15	70.116			< 0.3	6.8	0.015
Shediac D	21/08/2002	< 0.05	<1	8.29	< 1	6.62	< 15	n/a			< 0.3	4	0.01
Shediac D	18/09/2002	0.11	<1	7.47	< 1	7.58	< 15	n/a			0.54	13.9	0.022
Shediac D	18/09/2002	0.11	<1	7.47	< 1	8.13	< 15	n/a			0.51	14.1	0.02
Shediac E	1999/10/14	< 0.05	< 1	7.43	< 1	6.75	< 15	51.587		0.37		10.7	0.014
Shediac E	1999/11/18	< 0.05	< 1	7.63	< 1	7.57	< 15	60.738	0.1	0.31		6.98	0.01
Shediac E	2000/10/04	< 0.05	< 1	8.38	< 1	13.1	< 15	111.02		< 0.2		3.65	0.008
Shediac E	2000/11/12	0.11	< 1	7.28	< 1	4.9	< 15	41.08		0.38		12.3	0.021
Shediac E	2000/12/03	0.16	< 1	7.3	< 1	4.42	< 15	36.576		0.3		8.48	0.016
Shediac E	2001/06/03	< 0.05	< 1	7.81	< 1	6.72	< 15	63.497	14.1		< 0.3	5.82	0.011
Shediac E	2001/07/03	< 0.05	< 1	8.24	< 1	6.34	< 15	79.596			< 0.3	4.44	0.01
Shediac E	2001/08/07	< 0.05	< 1	8.37	< 1	6.88	< 15	96.839			< 0.3	3.34	0.008
Shediac E	2001/09/05	< 0.05	< 1	8.36	< 1	7.71	< 15	103.53			< 0.3	3.2	0.012
Shediac E	2001/09/11	< 0.05	< 1	8.44	< 1	8.03	< 15	100.77	22		< 0.3	3.74	0.01
Shediac E	2001/10/09	< 0.05	< 1	8.26	< 1	8.89	< 15	106.63			< 0.3	2.82	0.012
Shediac E	2001/11/18	0.429	< 1	7.7	< 1	23.4	< 15	94.278			0.605	6.72	0.012
Shediac F	1999/10/14	< 0.05	< 1	7.18	< 1	3.03	80	33.793		0.52		11.9	0.041
Shediac F	1999/11/18	< 0.05	< 1	7.47	< 1	2.91	< 15	38.1	0.6	0.28		8.03	0.01
Shediac F	2000/10/04	< 0.05	< 1	7.98	< 1	2.16	< 15	60.347		0.24		5.26	0.014
Shediac F	2000/11/12	< 0.05	< 1	6.98	< 1	3.34	< 15	27.414		0.4		15.1	0.014
Shediac F	2000/12/03	< 0.05	< 1	7.04	< 1	2.75	< 15	21.529		0.32		12	0.012
Shediac F	2001/06/03	< 0.05	< 1	7.56	< 1	2.51	< 15	38.673	12.3		0.348	10.3	0.031
Shediac F	2001/07/03	0.05	< 1	7.9	< 1	3.4	< 15	51.719			< 0.3	6.16	0.018
Shediac F	2001/08/07	0.096	< 1	8.11	< 1	4.26	< 15	73.918			< 0.3	2.78	0.012
Shediac F	2001/09/05	< 0.05	< 1	8.02	< 1	2.67	< 15	72.894			< 0.3	5.26	0.014
Shediac F	2001/10/09	< 0.05	< 1	8.02	< 1	3.07	< 15	76.05			0.347	4.33	0.013
Shediac F	2001/11/18	< 0.05	< 1	7.56	< 1	13.1	< 15	55.234			< 0.3	9.55	0.012
Shediac F	2002/06/19	< 0.05	<1	7.63	< 1	0.223	< 15	36.088			< 0.3	9.4	0.014
Shediac F	2002/07/17	0.08	<1	7.45	< 1	2.39	< 15	45.126			0.53	17.3	0.03
Shediac F	21/08/2002	0.08	<1	7.98	< 1	3.13	< 15	n/a			0.31	6.9	0.015
Shediac F	18/09/2002	< 0.05	<1	7.25	< 1	4.17	< 15	n/a			0.54	19.2	0.022
Shediac G	1999/10/14	< 0.05	< 1	7.17	< 1	2.68	< 15	35.569		0.56		18	0.02
Shediac G	1999/11/18	< 0.05	< 1	7.49	< 1	2.54	< 15	40.506	1	0.41		12.5	0.014
Shediac G	2000/10/04	< 0.05	< 1	7.99	< 1	3.44	< 15	60.595		0.29		8.04	0.009
Shediac G	2000/11/12	< 0.05	< 1	6.89	< 1	2.74	< 15	27.69		0.5		18.2	0.019
Shediac G	2000/12/03	< 0.05	< 1	7.01	< 1	2.48	< 15	23.174		0.42		12.8	0.015
Shediac G	2001/06/03	< 0.05	< 1	7.48	< 1	2.19	< 15	39.317	12.7		< 0.3	8.92	0.016
Shediac G	2001/07/03	< 0.05	< 1	7.77	< 1	3.01	< 15	53.735			< 0.3	6.73	0.015
Shediac G	2001/08/07	< 0.05	< 1	8	< 1	2.83	< 15	72.801			< 0.3	4.3	0.016
Shediac G	2001/09/05	0.054	< 1	8.06	< 1	4.27	< 15	78.235			< 0.3	2.96	0.012
Shediac G	2001/10/09	< 0.05	< 1	8.03	< 1	4.69	< 15	85.069			< 0.3	3.27	0.014
Shediac G	2001/11/18	0.173	< 1	7.3	< 1	18.3	< 15	59.994			0.588	17.6	0.017
Shediac G	2002/06/19	< 0.05	<1	7.53	< 1	2.03	< 15	39.731			0.43	15.2	0.027
Shediac G	2002/07/17	< 0.05	<1	7.44	< 1	2.24	< 15	43.29			0.4	13.2	0.023

Station	FromDate	NOX	Pb		PH	Sb	SO4	SS	TDS	TEMP	TKN	TN	TOC	TP-L
		(mg/L)	(µg/L)		(pH)	(µg/L)	(mg/L)	(mg/L)	(mg/L)	C	(mg/L)	(mg/L)	(mg/L)	(mg/L)
Shediac G	21/08/2002	< 0.05	<1		7.88	< 1	2.36	< 15	n/a			< 0.3	5.4	0.014
Shediac G	18/09/2002	< 0.05	<1		7.46	< 1	3.06	< 15	n/a			0.34	11.6	0.013
Shediac H	1999/10/14	0.17	< 1		7.23	< 1	3.62	20	59.246		0.57		14.3	0.027
Shediac H	1999/11/18	0.26	< 1		7.47	< 1	2.84	< 15	64.978	1.9	0.98		9.56	0.033
Shediac H	2000/10/04	0.11	< 1		7.91	< 1	3.42	< 15	102.9		0.24		4.77	0.01
Shediac H	2000/11/12	0.33	< 1		7.04	< 1	2.94	< 15	42.344		0.94		15.5	0.058
Shediac H	2000/12/03	0.14	< 1		7.2	< 1	2.59	< 15	35.007		0.37		10.7	0.019
Shediac H	2000/12/03	0.14	< 1		7.13	< 1	2.57	< 15	35.426		0.4		10.5	0.019
Shediac H	2001/06/03	0.07	< 1		7.52	< 1	1.93	< 15	53.592	13.7		0.401	11	0.027
Shediac H	2001/07/03	< 0.05	< 1		8.16	< 1	2.83	< 15	77.871			< 0.3	5.94	0.019
Shediac H	2001/08/07	< 0.05	< 1		8.1	< 1	3.52	< 15	96.595			< 0.3	3.47	0.016
Shediac H	2001/09/05	< 0.05	< 1		8.18	< 1	3.53	< 15	99.49			< 0.3	3.06	0.014
Shediac H	2001/09/05	< 0.05	< 1		8.19	< 1	3.53	< 15	103.76			< 0.3	3.13	0.013
Shediac H	2001/09/11	< 0.05	< 1		8.15	< 1	4.02	< 15	105.39	23		< 0.3	3.86	0.015
Shediac H	2001/10/09	< 0.05	< 1		8.17	< 1	3.86	< 15	106.04			< 0.3	2.87	0.016
Shediac H	2001/11/18	0.385	< 1		7.47	< 1	12.8	< 15	81.983			0.715	10.4	0.017
Shediac H	2002/06/19	0.07	<1		7.72	< 1	2.2	< 15	66.396			0.39	11.7	0.027
Shediac H	2002/07/17	< 0.05	<1		7.76	< 1	2.49	< 15	72.873			0.41	11.9	0.029
Shediac H	21/08/2002	0.25	<1		7.86	< 1	2.35	< 15	n/a			0.78	10.4	0.034
Shediac H	18/09/2002	0.17	<1		7.27	< 1	6.61	< 15	n/a			0.67	15	0.033
Shediac River @ mouth	1999/11/18	0.59			7.6		1190				1.12		4.14	0.091

Station	FromDate	TURB	Zn
		(NTU)	(µg/L)
Canon Croft South	1999/11/18	0.6	
Cornwall Road	1999/11/18	1.6	
Parlee Beach Volleyball	1999/11/18	3.4	
Scoudouc A	1999/10/14	1.2	< 5
Scoudouc A	1999/11/18	1.1	< 5
Scoudouc A	2000/10/04	0.8	20
Scoudouc A	2000/11/12	1.1	5.6
Scoudouc A	2000/12/03	1	< 5
Scoudouc A	2001/06/03	0.8	< 5
Scoudouc A	2001/07/03	2.2	< 5
Scoudouc A	2001/08/07	0.9	< 5
Scoudouc A	2001/09/05	1.1	< 5
Scoudouc A	2001/10/09	1	< 5
Scoudouc A	2001/11/18	1.7	6.2
Scoudouc A	2002/06/19	2.08	< 5
Scoudouc A	2002/07/17	1.71	< 5
Scoudouc A	21/08/2002	1.25	< 5
Scoudouc A	18/09/2002	1.68	6
Scoudouc A	18/09/2002	1.73	6
Scoudouc B	1999/10/14	1.6	< 5
Scoudouc B	1999/11/18	0.9	< 5
Scoudouc B	2000/10/04	2.2	20
Scoudouc B	2000/11/12	3.3	6.1
Scoudouc B	2000/12/03	0.3	8.5
Scoudouc B	2001/06/03	2.9	< 5
Scoudouc B	2001/07/03	2.7	< 5
Scoudouc B	2001/08/07	2.7	< 5
Scoudouc B	2001/09/05	4.3	< 5
Scoudouc B	2001/10/09	3.8	< 5
Scoudouc B	2001/10/09	3	< 5
Scoudouc B	2001/11/18	1.2	11
Scoudouc B	2002/06/19	1.67	< 5
Scoudouc B	2002/07/17	3.52	< 5
Scoudouc B	21/06/2002	4.66	0.005
Scoudouc B	21/08/2002	4.81	0.005
Scoudouc B	18/09/2002	2.14	< 5
Scoudouc C	2000/10/04	0.3	11
Scoudouc C	2000/11/12	1	< 5
Scoudouc C	2000/12/03	0.2	< 5
Scoudouc C	2001/06/03	2.4	< 5
Scoudouc C	2001/07/03	3	8.6
Scoudouc C	2001/08/07	2.8	10
Scoudouc C	2001/09/05	4.9	8.2
Scoudouc C	2001/10/09	1.5	< 5
Scoudouc C	2001/11/18	0.5	8.4
Scoudouc D	2000/10/04	3.1	20
Scoudouc D	2000/11/12	4.5	5.7
Scoudouc D	2000/12/03	1.5	< 5
Scoudouc D	2001/06/03	2.7	< 5
Scoudouc D	2001/06/03	2.8	< 5
Scoudouc D	2001/07/03	2.7	7.4
Scoudouc D	2001/08/07	2	< 5
Scoudouc D	2001/09/05	3.6	< 5
Scoudouc D	2001/10/09	1.5	< 5
Scoudouc D	2001/11/18	2	5.5
Scoudouc E	2000/10/04	1.5	5.1
Scoudouc E	2000/11/12	2	5.1
Scoudouc E	2000/12/03	1.2	< 5
Scoudouc E	2001/06/03	3	< 5
Scoudouc E	2001/07/03	2.1	< 5
Scoudouc E	2001/07/03	2.4	< 5
Scoudouc E	2001/08/07	2.1	< 5
Scoudouc E	2001/09/05	2.9	< 5
Scoudouc E	2001/10/09	2.1	< 5
Scoudouc E	2001/11/18	2	5.4
Scoudouc E	2002/06/19	2.42	< 5
Scoudouc E	2002/07/17	3.02	< 5
Scoudouc E	2002/07/17	3.1	< 5

Station	FromDate	TURB	Zn
		(NTU)	(µg/L)
Scoudouc E	21/08/2002	2.09	< 5
Scoudouc E	18/09/2002	2.4	6
Scoudouc F	2000/10/04	4.6	6.5
Scoudouc F	2000/11/12	10	6.2
Scoudouc F	2000/12/03	1.7	< 5
Scoudouc F	2001/06/03	3.6	< 5
Scoudouc F	2001/07/03	4.1	< 5
Scoudouc F	2001/08/07	4	< 5
Scoudouc F	2001/09/05	11.9	< 5
Scoudouc F	2001/10/09	4.3	< 5
Scoudouc F	2001/11/18	3.9	6.4
Scoudouc F	2001/11/18	0.4	10
Scoudouc F	2002/06/19	5.23	< 5
Scoudouc F	2002/06/19	6.02	< 5
Scoudouc F	2002/07/17	5.51	< 5
Scoudouc F	21/08/2002	4.63	0.005
Scoudouc F	18/09/2002	4.62	< 5
Scoudouc G	2000/10/04	13.1	72
Scoudouc G	2000/11/12	1.6	6.6
Scoudouc G	2000/12/03	1.3	< 5
Scoudouc G	2001/06/03	0.7	7.4
Scoudouc G	2001/07/03	2.4	11
Scoudouc G	2001/08/07	3	46
Scoudouc G	2001/09/05	5.3	75
Scoudouc G	2001/10/09	14.5	46
Scoudouc G	2001/11/18	0.9	12
Scoudouc River near mouth	1999/11/18	1.4	
Shediac A	1999/10/14	2.2	< 5
Shediac A	1999/11/18	2	< 5
Shediac A	2000/10/04	0.6	< 5
Shediac A	2000/11/12	7.1	< 5
Shediac A	2000/12/03	3.5	< 5
Shediac A	2001/06/03	2.9	< 5
Shediac A	2001/07/03	1.3	< 5
Shediac A	2001/08/07	1.5	< 5
Shediac A	2001/09/05	1	< 5
Shediac A	2001/10/09	0.3	< 5
Shediac A	2001/10/09	0.1	< 5
Shediac A	2001/11/18	4.3	< 5
Shediac A	2002/06/19	4.44	< 5
Shediac A	2002/06/19	4.51	< 5
Shediac A	2002/07/17	2.31	< 5
Shediac A	21/08/2002	0.94	< 5
Shediac A	18/09/2002	5.97	< 5
Shediac B	1999/10/14	7.8	< 5
Shediac B	1999/11/18	2.1	< 5
Shediac B	2000/10/04	0.6	< 5
Shediac B	2000/11/12	4	< 5
Shediac B	2000/12/03	2.1	19
Shediac B	2001/06/03	1	< 5
Shediac B	2001/07/03	0.8	< 5
Shediac B	2001/09/05	1	< 5
Shediac B	2001/10/09	0.8	< 5
Shediac B	2001/11/18	1.2	< 5
Shediac B	2002/06/19	0.6	< 5
Shediac B	2002/07/17	0.92	< 5
Shediac B	2002/07/17	0.96	< 5
Shediac B	21/08/2002	0.97	< 5
Shediac B	18/09/2002	2.7	< 5
Shediac Bay @ Bay Vista	1999/11/18	0.4	
Shediac Bay @ Queen's Wharf	1999/11/18	1.1	
Shediac C	1999/10/14	1.5	< 5
Shediac C	1999/11/18	0.8	< 5
Shediac C	2000/10/04	0.4	9.5
Shediac C	2000/11/12	7.8	< 5
Shediac C	2000/12/03	2.4	< 5
Shediac C	2001/06/03	1.2	< 5
Shediac C	2001/06/03	0.9	< 5

Station	FromDate	TURB (NTU)	Zn (µg/L)
Shediac C	2001/07/03	4.2	< 5
Shediac C	2001/08/07	0.6	< 5
Shediac C	2001/09/05	0.7	< 5
Shediac C	2001/09/11	1	< 5
Shediac C	2001/10/09	0.4	< 5
Shediac C	2001/11/18	2	< 5
Shediac C	2002/06/19	0.78	< 5
Shediac C	2002/07/17	1.34	< 5
Shediac C	21/08/2002	0.77	< 5
Shediac C	21/08/2002	0.57	< 5
Shediac C	18/09/2002	4.4	< 5
Shediac D	1999/10/14	9	< 5
Shediac D	1999/11/18	2.6	< 5
Shediac D	2000/10/04	0.9	16
Shediac D	2000/11/12	8.8	< 5
Shediac D	2000/12/03	7.2	5.1
Shediac D	2001/06/03	1.3	< 5
Shediac D	2001/07/03	1.3	< 5
Shediac D	2001/08/07	0.5	< 5
Shediac D	2001/09/05	1.5	< 5
Shediac D	2001/10/09	1	< 5
Shediac D	2001/11/18	2.1	< 5
Shediac D	2001/11/18	2.8	< 5
Shediac D	2002/06/19	1.41	< 5
Shediac D	2002/07/17	2.18	< 5
Shediac D	21/08/2002	1.44	< 5
Shediac D	18/09/2002	4.4	< 5
Shediac D	18/09/2002	4.6	< 5
Shediac E	1999/10/14	7.8	< 5
Shediac E	1999/11/18	1.8	< 5
Shediac E	2000/10/04	1	11
Shediac E	2000/11/12	7.6	< 5
Shediac E	2000/12/03	6.2	< 5
Shediac E	2001/06/03	1.3	< 5
Shediac E	2001/07/03	1	< 5
Shediac E	2001/08/07	0.5	< 5
Shediac E	2001/09/05	0.9	< 5
Shediac E	2001/09/11	1	< 5
Shediac E	2001/10/09	0.5	< 5
Shediac E	2001/11/18	2.2	< 5
Shediac F	1999/10/14	77.6	< 5
Shediac F	1999/11/18	0.9	< 5
Shediac F	2000/10/04	2.3	5.7
Shediac F	2000/11/12	3.9	< 5
Shediac F	2000/12/03	2.2	< 5
Shediac F	2001/06/03	1.9	< 5
Shediac F	2001/07/03	1.3	< 5
Shediac F	2001/08/07	0.3	< 5
Shediac F	2001/09/05	3.4	< 5
Shediac F	2001/10/09	1	< 5
Shediac F	2001/11/18	2.1	< 5
Shediac F	2002/06/19	0.98	< 5
Shediac F	2002/07/17	1.84	< 5
Shediac F	21/08/2002	0.98	< 5
Shediac F	18/09/2002	3.13	< 5
Shediac G	1999/10/14	21.4	< 5
Shediac G	1999/11/18	1.4	< 5
Shediac G	2000/10/04	0.8	< 5
Shediac G	2000/11/12	2.5	< 5
Shediac G	2000/12/03	1.4	< 5
Shediac G	2001/06/03	1.6	< 5
Shediac G	2001/07/03	2.2	< 5
Shediac G	2001/08/07	2.5	< 5
Shediac G	2001/09/05	0.5	< 5
Shediac G	2001/10/09	0.1	< 5
Shediac G	2001/11/18	2.4	< 5
Shediac G	2002/06/19	1.52	< 5
Shediac G	2002/07/17	2.94	< 5

Station	FromDate	TURB	Zn
		(NTU)	(µg/L)
Shediac G	21/08/2002	2.86	< 5
Shediac G	18/09/2002	3.4	< 5
Shediac H	1999/10/14	41.6	< 5
Shediac H	1999/11/18	3.8	< 5
Shediac H	2000/10/04	1.1	7.5
Shediac H	2000/11/12	5.3	5.4
Shediac H	2000/12/03	2	< 5
Shediac H	2000/12/03	2	5
Shediac H	2001/06/03	2.8	< 5
Shediac H	2001/07/03	2	< 5
Shediac H	2001/08/07	1.8	< 5
Shediac H	2001/09/05	1.4	< 5
Shediac H	2001/09/05	1.6	< 5
Shediac H	2001/09/11	2	< 5
Shediac H	2001/10/09	1.1	< 5
Shediac H	2001/11/18	2.8	< 5
Shediac H	2002/06/19	2.57	< 5
Shediac H	2002/07/17	2.8	9
Shediac H	21/08/2002	2.37	< 5
Shediac H	18/09/2002	3.41	< 5
Shediac River @ mouth	1999/11/18	28.5	

Appendix C

Soil Associations or Land Types Found in Watershed

SOIL ASSOCIATIONS OR LAND TYPES FOUND IN WATERSHED

Interval Association:
The Interval soils mapped are predominantly poorly to very poorly drained, deep, yellowish brown to olive brown, acid, coarse-silty to coarse-loamy soils, high in natural fertility, which have formed in alluvial deposits. The entire depth of the profile is a friable to very friable, permeable, stratified material of fine sand and silts, Surface textures are typically silt loam, but many include some loams, sandy loams and even an occasional silty clay loam. Interval soils are found on level to gently undulating (mostly 0.5 to 2% slopes) stream terraces and floodplains along watercourses scattered throughout the parishes. Interval soils are very productive.

Stony Brook Association:
Stony Brook soils are moderately well to very poorly drained, deep, dark, reddish brown, acid, fine-loamy and low in natural fertility. They have formed in deposits of compact till, with or without a surficial mantle of either loose till or water-reworked till, derived mainly from weathered red shale and grey-green sandstone. These soils usually have 20 – 50 cm of friable, permeable, loam to sandy clay loam subsoil. Where a capping of ablational till occurs, it is typically a yellowish brown sandy loam. Frequently the boundary between the two materials is marked by an accumulation of stones forming a stoneline. The sandy loam surface may be indicative of marine deposition and reworking. Coarse fragments of flat to angular gravel and cobble sized soft sandstone made up 5 – 25% of the profile. They are found on undulating to gently rolling landscapes with average slopes of 0.5 – 5%. Their impermeable subsoils cause them to be predominantly imperfect to poorly drained.

Tracadie Association :
Tracadie soils are imperfectly to poorly drained, deep, reddish brown medium acid to neutral and fine-clayey. They are moderate in natural fertility and have formed in marine silt and clay sediments that were deposited during postglacial marine submergence. Tracadie soils consist of less than 20 – 50 cm of friable, moderately permeable silt loam to loam and occasionally silty clay loam surface material over a firm, extremely slowly permeable silty clay loam to clay or silty clay subsoil. The pH usually increases with depth from an acidic surface to neutral at 1 m. Although the subsoil is firm and restricts water movement the bulk density is only slightly over 1.60 g/cm3. A uniform soil particle size does not allow for close packing. No coarse fragments are present.

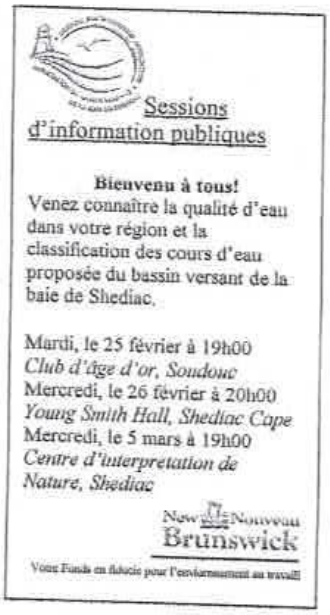
Tracy Association :
Tracy soils are well to poorly drained, deep, strong to dark reddish brown, acid, coarse-loamy and low in natural fertility. They have formed in compact till deposits derived mainly from gray-green sandstone and red shale-siltstone. These soils usually have 20 – 75 cm of relatively friable, permeable, sandy loam-to-loam surface material over a dense, compact, very slowly permeable sandy loam-to-loam subsoil. Coarse fragments (gravels, cobbles and stones) of relatively soft sandtone make up 5 – 25%, usually increasing in abundance with depth. Most Tracy soils are found on ondulating to gently rolling landscapes (0.5 – 9% slopes). Although dense subsoils and subsequently low permeability cause some poor to very poor drainage, coarse textures result in a high percentage of Tracy soils being “moderately well” and “imperfectly drained”. Some well to imperfectly drained sites are shallow to bedrock (<1 m of soil) and a number of poorly drained sites have peaty phases (15 – 40 cm organic surface materials).

Table 1. Description of soil and land types of the different sample sites.

Sample site	Land type	Depth	Surface layer	Drainage	Slope
Shediac A	Not surveyed				
Shediac B	Tracy	50-75 cm	Sandy loam	Well drained	2-5%
Shediac C	Not surveyed				
Shediac D	Stony Brook	50-75 cm	Sandy loam	Well drained or moderately well drained	2-5%
Shediac E	Tracy	50-75 cm	Sandy loam	Rapidly, well or moderately well drained with significant imperfectly drained	2-5%
Shediac F	Stony Brook	20-50 cm	Sandy loam	Imperfectly drained to poorly drained	2-5%
Shediac G	Interval	-	Silt loam	Imperfectly drained with significant poorly drained	5-9%
Shediac H	Stony Brook	20-50 cm	Loam	Dominated by imperfectly drained with significant rapidly, well or moderately well drained	5-9%
Scoudouc A	Stony Brook	<20 cm	Sandy loam	Dominated by imperfectly drained with significant poorly drained	2-5%
Scoudouc B	Tracadie	<20 cm	Silty clay loam	Poorly drained	0,5-2%
Scoudouc C	Not surveyed				
Scoudouc D	Tracy	>100cm	Sandy loam	Imperfectly drained	2-5%
Scoudouc E	Tracy	20-50 cm	Sandy loam	Imperfectly drained with significant poorly drained	2-5%
Scoudouc F	Stony Brook	20-50 cm	Loam	Imperfectly drained with significant poorly drained	2-5%
Scoudouc G	Tracy	20-50 cm	Sandy loam	Moderately well drained	2-5%

Appendix D

Media and Advertising



Sessions d'information publiques

Bienvenu à tous!
Venez connaître la qualité d'eau dans votre région et la classification des cours d'eau proposée du bassin versant de la baie de Shediac.

Mardi, le 25 février à 19h00
Club d'âge d'or, Soudouc
Mercredi, le 26 février à 20h00
Young Smith Hall, Shediac Cape
Mercredi, le 5 mars à 19h00
Centre d'interpretation de Nature, Shediac

New Nouveau Brunswick

Votre Fonds en fiducie pour l'environnement au travail

Memo

164 Pleasant Street, Suite A/ 164, rue Pleasant, bureau A
Shediac, NB
E4P 2L8

To/ *À* : All Stakeholders within the Shediac Bay Watershed
Tous les intervenants dans le bassin versant de la baie de Shediac

From/ *De* : Nadine Gauvin, Shediac Bay Watershed Association Coordinator
Coordinatrice du bassin versant de la baie de Shediac

Date : February 12, 2003 / *le 12 février 2003*

Re : **Invitation to public info sessions on Water Classification**
Invitation aux séances d'info publique du Classification des eaux

---

You are invited to attend a public information session on the water quality results within the Shediac Bay watershed which inlcudes both the Shediac and Scoudouc river systems.

With the public's input, we will be able to establish water quality goals as per the New Bruwnsick Water Classification Program. This is a community-driven water management program that requires the involvement of stakeholders with categorizing surface water into classes (Class A, B or C for Excellent, Good and Fair) and then managing this water appropriately for future use.

The sessions are as follows:

Tuesday, Feb.25 at 7:00pm
Golden Age Club, Scoudouc
Wednesday, Feb.26 at 8:00pm
Young Smith Hall, Shediac Cape
Wednesday, March 5 at 7:00pm
Nature Interpreatation Centre, Shediac

Your participation at these meetings would be most beneficial with helping us to protect and conserve our waterways. If you have any questions, feel free to call me at 506-533-8880. Hope to see you then!

Vous êtes invités à faire partie aux séances d'information publiques portant sur les résultats de la qualité d'eau dans le bassin versant de la baie de Shédiac qui comprend les rivières de Shédiac et de Scoudouc.

Axé sur l'effort communautaire, le programme de Classification des eaux du Nouveau-Brunswick est une programme de gestion de nos ressources d'eau. Les intervenants doivent tout d'abord participer au classement des eaux (les catégories A, B, et C représentent les classements Excellente, Bonne et Passable) et par la suite à la gestion de ces eaux, en conformité avec les objectifs ou les normes s'appliquant à chaque catégorie.

Les séances sont organisé comme le suit :

Mardi, le 25 février à 19h00
Club d'âge d'or, Scoudouc
Mercredi, le 26 février à 20h00
Young Smith Hall, Shediac Cape
Mercredi, le 5 mars à 19h00
Centre d'interprétation de Nature, Shediac

Conséquemment votre participation aux séances serait très avantageuse afin de nous aider a mieux protéger et conserver nos cours d'eau. Si, vous avez des questions, n'hésitez pas à me rejoindre au 533-8880. À bientôt!

Memo

À: Tous les églises dans la zone du bassin versant de la baie de Shediac
To: *All Church Groups in the Shediac Bay Watershed region*

De: Nadine Gauvin, coordinatrice du bassin versant de la Baie de Shédiac
From: *Coordinator, Shediac Bay Watershed Association*

Date: Le 18 février, 2002
May 28, 2002

RE: **ANNONCE / ANNOUNCEMENT**

****

Can you please include the following in your church bulletin... Thank you!

The Shediac Bay Watershed Association is hosting public information sessions on the quality of water within the Shediac Bay watershed - as per the New Brunswick Water Classification Program.

The public is invited to participate with establishing water quality goals to protect and conserve our waterways.

The sessions are as follows:

Tuesday, Feb.25 at 7:00pm
Golden Age Club, Scoudouc
Wednesday, Feb.26 at 8:00pm
Young Smith Hall, Shediac Cape
Wednesday, March 5 at 7:00pm
Nature Interpreatation Centre, Shediac.

For more information call 533-8880

Svp, est-ce que vous pouvez inclure l'annonce suivante dans votre bulletin d'église.... Merci!

L'association du bassin versant de la baie de Shediac organise des séances d'information publiques portant sur la qualité d'eau dans le bassin versant de la baie de Shédiac - qui fait partie du programme de Classification des eaux du Nouveau-Brunswick.

Le publique est invité de faire partie a établir des buts sur la protection et la conservation de nos cours d'eau..

Les séances sont organisé comme le suit :

Mardi, le 25 février à 19h00
Club d'âge d'or, Scoudouc
Mercredi, le 26 février à 20h00
Young Smith Hall, Shediac Cape
Mercredi, le 5 mars à 19h00
Centre d'interprétation de Nature, Shediac.

Pour plus de renseignement, composez le 533-8880.

PRESS RELEASE

FOR IMMEDIATE RELEASE

For More Information, Contact:

February 19, 2003

Nadine Gauvin
Shediac Bay Watershed Association
(506) 533-8880
sbwa@nbnet.nb.ca
www.sbwa-abvbs.net

164 Rue Pleasant St., Suite
Shediac, N.B., E4P 2L8

Tel/Tél: 506-533-8880
Fax/Téléc.: 506-533-7880
sbwa@nbnet.nb.ca

Water Quality Results and Classification

SHEDIAC, NB - February 19, 2003- The Shediac Bay Watershed Association will be presenting water quality results and proposed classification as per the New Brunswick Water Classification Regulation of the rivers and streams that flow into Shediac Bay.

Water sampling has been conducted over the past three years throughout fifteen sites in the Shediac Bay watershed where various tests have determined the quality of these waterways. The classification of these tributaries is based on the water quality results and will determine the use and protection of the various waterways leading into Shediac Bay.

Water quality results and proposed classification will be presented to the public on the following dates: February 25th, 7pm at the Golden Age Club in Scoudouc, February 26th, 8pm at the Young Smith Hall in Shediac Cape and March 5th, 7pm at the Shediac Island Nature Centre next to the Shediac Bay Marina.

For more information, please call 533-8880.

###

164 Rue Pleasant St., Suite A
Shediac, N.B., E4P 2L8

Tel/Tél: 506-533-8880
Fax/Téléc.: 506-533-7880
sbwa@nbnet.nb.ca

COMMUNIQUÉ **POUR DIFFUSION IMMÉDIATE**

Le 19 février 2003

Renseignements :
Nadine Gauvin
Association du Bassin Versant de la Baie de Shédiac
(506) 533-8880
sbwa@nbnet.nb.ca
www.sbwa-abvbs.net

La Qualité d'Eau et la Classification des Cours d'Eau

SHÉDIAC, N.-B. - 19 février 2003 - L'Association du Bassin Versant de la Baie de Shédiac présentera les résultats des tests de la qualité d'eau et de la classification proposée des cours d'eau qui versent dans la Baie de Shédiac conformément au Règlement du Nouveau Brunswick sur la Classification des Eaux.

Pendant les dernières trois années, des échantillons ont été pris au niveau de quinze sites du bassin versant. Plusieurs tests ont été fait pour déterminer les résultats de la qualité de ces tributaires. La classification des cours d'eau est basée sur les résultats de la qualité d'eau et détermine l'utilisation et la protection des divers ruisseaux et rivières de la Baie de Shédiac.

Les résultats de la qualité d'eau et la classification proposée seront présentés aux sessions d'information publiques aux dates suivantes: le 25 février à 19h00 au Club d'âge d'or de Scoudouc; le 26 février à 20h00 au Young Smith Hall, Shédiac Cape et le 5 mars à 19h00 au centre d'interprétation de Nature, Shédiac.

Pour plus d'information, svp appelez au 533-8880.

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Monday, February 24, 2003 A3

Shediac Bay water quality results mixed

Public meetings to be held to explain results of tests conducted in watershed

By KRISTEN VERNON
TIMES & TRANSCRIPT STAFF

The Shediac Bay Watershed Association has spent three years testing E. coli levels in the waters that flow into Shediac Bay.

Results across the 11 test sites vary with one site having "quite elevated" E.coli levels.

"This isn't unusual. It kind of falls in with the norm of the other watershed groups within the province," said Nadine Gauvin, co-ordinator of the community-based group that is mandated to protect and conserve the water quality in the Shediac Bay watershed. "It is a watershed that's not in a pristine area."

Over the next week and a half, at three public meetings, the group will present the test results. As well, the association will suggest categories for these rivers and streams under the province's Water Classification Regulation.

This means any future activities along the watershed would have to be undertaken "in a way that the water quality is maintained," said Nelda Craig, manager of the water classification program with the Department of Environment and Local Government.

The association, which is funded by grants from the provincial environmental trust fund, was formed in 1999 because citizens were concerned about the quality of water in Shediac Bay.

After learning about the province's classification program for fresh surface water, the group applied to participate.

"It's important to know what water is flowing into Shediac Bay if you're concerned about the bay," Gauvin said. "There's probably lots of factors contaminating water in Shediac Bay right in the bay, but also, it's nice to know what's in your headwaters."

Public meetings about the test results are scheduled for tomorrow at 7 p.m. at the Golden Age Club in Scoudouc; Wednesday at 8 p.m. at Young Smith Hall in Shediac Cape; and March 5 at 7 p.m. at the Shediac Island Nature Centre beside the Shediac Bay Marina.

"At this time, the watershed association is really looking for the input of the community," Craig said. At the meetings, the test results, the proposed classes,

➤ See TEST, Page A4

Quick facts

Water classes under the Water Classification Regulation:

Class A: Excellent Water Quality — E. coli levels are naturally occurring

Class B: Good Water Quality — E. coli is less than 200 MPN/100 millilitres

Class C: Acceptable Water Quality — E. coli is less than 400 MPN/100 millilitres

Test results

Continued from Page A3

activities in the area and possible remedial actions will be discussed.

An average E. coli count, as well as land and water use were taken into consideration when proposing the class. The group is suggesting four parts of the watershed be considered Class A, five be deemed Class B and one be Class C.

In the upper reaches of the Shediac River, by Lutes Mountain, test results found "quite high" E. coli counts with an average of 700 MPN (most probable number) per 100 millilitres.

This count puts E. coli levels outside the range of the provincial classes. And while "it's a concern spot," Gauvin said it is also "addressable, which is promising."

Gauvin said although they are not entirely certain why the levels are so high, it is likely because of the agricultural activity in the area.

If the public wants, "we can set some goals to perhaps improve it to a B," she said. "We'll need to install cattle fencing, increase buffer zones along the river and stuff like that."

Following the meetings, the association will compile the proposed classifications into a provisional classification report, to be submitted to the minister of Environment and Local Government.

The next step is to draft plans to improve or maintain the water quality, depending on the outcomes of the meetings.

The association must then submit a proposal to the minister of Environment and Local Government, something Craig said would likely be done about two years after the provisional report. Before the watershed's classes are accepted, another round of public consultations will take place.

A10 Thursday, February 27, 2003 NEW BRUNSWICK

Association monitors Shediac Bay water

Quality of the watershed is important for those concerned about the health of the water in Shediac Bay

By KRISTEN VERNON
TIMES & TRANSCRIPT STAFF

SHEDIAC — The quality of the water in the Shediac Bay watershed is acceptable, with only one of the 11 test sites showing high E. coli levels.

But at a meeting earlier this week, residents expressed their desire to improve the quality of these fresh surface waters.

"They live in that community, they know what goes on there and they felt there was a good opportunity for us to implement some action plans and to really improve it," Nadine Gauvin, co-ordinator of the Shediac Bay Watershed Association, said referring to two parts of the Scoudouc River.

Based on average results from E. coli tests taken over a three-year period, and considering nearby logging activities, the watershed association proposed two sections of the Scoudouc River be classified as B under the province's Water Classification Regulation.

But the public disagreed.

"They felt that it was already all cut, so there can't be any more erosion," Gauvin said, making it possible to improve the streams to class A.

The watershed association, which was formed in 1999 because citizens were concerned about the quality of water in Shediac Bay, is participating in a provincial program to classify fresh surface water.

Quick facts

Proposed classifications for the Shediac Bay Watershed:

- Shediac River: proposed class.
- Irishtown bridge: C.
- Cape Breton Road (near Caledonia Road intersection): B.
- Scotch Settlement Road: B. St. Philippe (Wisener Brook): B.
- St. Philippe (Calhoun Brook): A.
- Cape Breton Road (Evangeline): B.
- Bateman's Mill Bridge: A.
- Scoudouc River: proposed class.
- Highway 132: B.
- Sackville Street Ext.: B.
- Scoudouc River (Pipeline Crossing): A.
- Scoudouc River (North of Malakoff Road): A.

Water classes under the Water Classification Regulation:

- Class A: Excellent Water Quality — E. coli levels are naturally occurring.
- Class B: Good Water Quality - E. coli is less than 200 MPN (most probable number)/100 millilitres.
- Class C: Acceptable Water Quality - E. coli is less than 400 MPN/100 millilitres.

Once the waters are classified, future activities in the area must be undertaken in such a way that the E. coli levels are maintained.

As part of the process of classifying the rivers and streams, the public is being consulted on the proposed classes.

At the first meeting in Scoudouc, discussion focussed on the Scoudouc River. The Shediac River was the focus of a second meeting, while both rivers will be discussed at a meeting next Wednesday at 7 p.m. at the Shediac Island Nature Centre beside the Shediac Bay Marina.

Ray Stevens, who has lived along the shore of Shediac Bay for 25 years and is a member of the watershed association, attended the Scoudouc meeting.

"I think there's a greater awareness of the need for conservation of our waterways in the area than before," he said.

He also thought the water quality at the two sites on the Scoudouc River where a class B was proposed should be upgraded. And he said he was impressed with the discussion around the idea.

"It wasn't just a rubber stamping of a suggestion that the sites be upgraded," Stevens said. "After due consideration and discussion, and the fact that the way in which the sites are now, in all probability, those sites will clear themselves."

After the public meetings, Gauvin said there will be discussions with the association board, staff and the Department of the Environment. As well, they'll then likely discuss remedial actions with necessary parties.

The quality of the watershed is important for those concerned about the health of the water in Shediac Bay.

"It's very, very important to know exactly the quality of water that's coming in through all of these different rivers and streams that are flowing into the bay," said Shediac Mayor Camille Belliveau. "It's basically taking control of your waterways and your watershed and knowing exactly what's coming out of where."

And knowing the state of the water quality will help people address any concern areas.

"There's really absolutely no excuse why it should get any worse, we have all the reasons in the world why it should improve and we want to spend our energy on that," Belliveau said.

Saturday, Mar 1, 2003

Edith Robb
CITY VIEWS

Our coasts must be protected

If anyone deserves a hearty pat on the back these days, it is the members of the Shediac Bay Watershed Association. Co-ordinated by Nadine Gauvin, this group was formed in 1999 because citizens were concerned about the quality of water in Shediac Bay.

Armed with a small grant from the pop bottle recycling fund of the province, they have been testing the water, telling the public of their results, and preparing proposals for the Department of Environment and Local Government.

In fact, some of their findings will be presented at their public meeting Wednesday at 7 p.m. in the Shediac Island Nature Centre beside the Shediac Bay Arena.

But they can't carry this ball alone. Too many sectors of our society have contributed to the problem, and too many more stand to be affected if a co-ordinated effort isn't made soon to clean up the mess.

Regardless of where we live in this province, this problem impacts directly on us.

For example, 1.5 million tourists came to New Brunswick last year, bringing with them $965 million in revenue. The bulk came in response to our tourism marketing strategy, which relies heavily on promoting our safe and pristine beaches.

Imagine what the 750,000 people who used Parlee Beach between Canada Day and Labour Day would do if they thought those beautiful waters were unsafe to swim in. It wouldn't take long to see an industry crumbling.

Pollution in the Shediac Bay watershed is also a significant health concern, a problem that could seri-

make neighbouring communities undesirable places in which to live.

Despite this, while the people who live in the area take such concerns seriously, there does not appear to be any concentrated effort on the part of either the federal or provincial government to seriously tackle this issue.

One of the problems is that it is too easy to pass the buck, from a provincial Department of Transportation to a federal Ministry of Fisheries and Oceans, from a provincial to a federal Department of the Environment. Nobody is seizing the reins on this one.

Meanwhile we watch while a gigantic restaurant and development is set up on Parlee Beach without the benefit of a building permit. We watch fences that once protected the fragile dunes removed.

We see an absence of programs to encourage safer septic systems in shore communities and sewage disposal systems in cottage clusters.

We are shocked when a study shows 33 of 78 fish plants with permits to dump fish waste into coastal waters are found in violation of the terms of those permits, but no one is charged.

We learn of residents of coastal communities less than 20 minutes away enduring the stench of algae bloom that releases hydrogen sulfide gas as the material rots. Life can become extremely unpleasant when the wind blows in a particular direction. In Lameque the problem becomes extreme.

Last summer, a study co-ordinated by conservationist Inka Milewski found the water in seven of 10 bays from Charlo to Cocagne

➢ See CITY, Page A4

City Views

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overloaded with "nutrients." These included waste products from septic tanks to agricultural runoff to fish waste.

The point of no return looms if serious, co-ordinated action is not initiated. It is time for both the federal and provincial Departments of the Environment to take ownership of this issue, to appoint a special task force to work to propose and implement a series of actions to clean up our coastal waters.

We have to look at options, such as turning solid seafood processing waste into fertilizers, for example, as one firm is attempting. A fund could be established to fish plants make the transition from their current waste disposal process.

We have to set the guidelines on what is acceptable coastal development, and enforce them. Or we will all pay.

It is time for thoughtful leadership from the top level of government. As dedicated and concerned as local people are to help solve the problem, they can't do it alone.

We cannot continue to treat the ocean as New Brunswick's toilet.

City Views appears daily in the Times & Transcript, written by various staffers. Edith Robb is assistant managing editor/city. Her column appears each Saturday.

Page 2 - LE MONITEUR ACADIEN - Le jeudi 13 mars 2003

Les gens s'intéressent à la qualité des cours d'eau se versant dans la Baie de Shédiac

par Hélène Guérette

SHÉDIAC – L'association du Bassin versant de la Baie de Shédiac présentait à la population, au cours des dernières semaines, les résultats des tests de la qualité d'eau et la classification des cours d'eau qui se versent dans la Baie de Shédiac. Rappelons que les sessions d'information publiques se sont tenues le 25 février à Scoudouc et le 26 février à Shédiac Cape. La population présente à la réunion de Shédiac Cape croyait n'avoir pas assez d'informations pour se prononcer alors une autre réunion s'est tenue le 5 mars dernier. En tout, une soixantaine de personnes se sont présentées aux sessions.

Pendant les trois dernières années, des échantillons ont été prélevés au niveau de quinze sites du bassin versant. Plusieurs tests ont été effectués afin de déterminer les résultats de la qualité de ces tributaires comme la cueillette d'échantillons, l'utilisation des terres et la présence de diverses bactéries.

La classification des cours d'eau est basée sur les résultats de la qualité d'eau et détermine l'utilisation et la protection des divers ruisseaux et rivières de la Baie de Shédiac. La classification se divise en trois catégories : la classe A signifie une excellente qualité, la classe B signifie un bonne qualité et la classe C un qualité acceptable. Ainsi, au niveau des quinze sites, cinq sont dans la classe A, six dans la classe B et deux de classe C.

Les sessions d'information avaient pour but d'obtenir les commentaires de la population afin de connaître les différentes solutions s'offrant à elle en vue d'améliorer la classification. Ainsi, à Scoudouc, deux sites de classes B ont été retenus et la population croit être en mesure de poser des actions pour les faire grimper à la classe A. Pour la session de Shédiac Cape, seulement une classe B a été retenue afin de la rendre classe A.

Afin d'être en mesure de changer la classification des sites retenus, des actions concrètes devront être posées telles que la restauration des ruisseaux se déversant dans la Baie de Shédiac. La plantation d'arbres peut contribuer à une amélioration des eaux ainsi que l'augmentation des végétaux.

Le rapport devra être remis dans les prochains mois. Si, entre temps, vous avez des questions, vous pouvez communiquer avec l'Association du Bassin Versant de la Baie de Shédiac au 533-8880.

Appendix E

List of Stakeholders

master list of stakeholders - correct version 13/04/2003

ID	Field1	Field2	Field3	Field4	telephone
169	Dollarama	342 Main St., Unit 152	Shediac	E4P 2E7	533-9419
392	A.L. Professional Services Ltd./A.I. Services Professionels Lte	3809 Route 134	Shediac Bridge	E4R 1S4	532-1356
94	Amar Electric	54 Winter St.	Shediac	E4P 2Y2	532-5815
28	Ambulance Saint-Jean	428 Prom. Greenwood	Shediac	E4P 1V6	532-8254
95	Annette's Dress Making and Design	30, rue Vestiaire	Shediac	E4P 2W4	532-3999
97	Arena de Festival	84, rue Festival	Shediac	E4P 1S4	532-7008
24	Association des Pompiers de Shediac	50, rue Victoria	Shediac	E4P 2W7	532-7014
5	Association des residents de Bois-Joli Cottage Association	18, rue des Trembles	Grand Barachois	E4P 7J4	532-3840
2	Association des residents du Cap-Bimet Residents Associatio	11, rue Leslie	Moncton	E1C 6M3	389-3900
3	Association of the residents of Cap-Brule	11 Pussyfoot Lane	Boudreau Ouest	E4P 6N7	532-5354
7	Association pour la protection des dunes de Beau-Rivage	21 Devon Lane	Moncton	E1A 6P2	857-0245
99	Assurance et Services Financieres Doiron	328C Main St.	Shediac	E4P 2E3	533-8880
98	Assurance Vienneau Ltee	572 Main St.	Shediac	E4P 2H1	532-7000
100	Atlantic International Seafood Ltd.	60 Tipperary ST.	Shediac	E4P 2V9	533-3828
101	Au Bayou Cocktail Lounge/Dooly's Billiard Room	607 Main St.	Shediac	E4P 2C6	533-8009
103	Au P'tit Someil	21 Hamilton St., Unit 1	Shediac	E4P 1W1	532-3546
104	Auberge Belcourt Inn	310 Main St.	Shediac	E4P 2E3	532-6098
105	B & C Contractors Ltd.	429 Beauport St.	Shediac	E4P 1G4	532-2243
107	Banque de Montreal	362, rue Main	Shediac	E4P 2E8	532-4411
106	Banque Nationale du Canada	342, rue Main Unité 100	Shediac	E4P 2E7	532-4468
70	Barely Used Auto Parts Ltd.	2439 Route 134	Scoudouc	E4P 3E4	859-1014
66	Bastarache Rentals	1793 Shediac River Rd.	Shediac	E4R 1X5	532-4440
414	Bastarache's Auto Salvage(ll986) Ltd./Bastarache's Rentals Lt	1796 Shediac River Rd.	Shediac River	E4R 1X5	532-6621
404	Bay Vista Lodges & Cottages Ltd.	POBox 5151	Shediac Cape	E4P 8T9	532-1265
108	Beausejour Camping	747Lino Road	Shediac	E4P 1Z5	532-5885
109	Bellco Dry Cleaning	353 Main St., Unit B	Shediac	E4P 2B3	532-9288
111	Bibliotheque Publique de Shediac	290, rue Main Unité 100	Shediac	E4P 2E3	532-7014
112	Bijouterie Centreville Jewellers	342 Main St, Suite 109	Shediac	E4P 2E7	533-8808
113	Bill Grimmer Man-Dog Teams Ltd.	PO Box 5099	Shediac	E4P 8T8	532-3067

master list of stakeholders - correct version 13/04/2003

ID	Field1	Field2	Field3	Field4	telephone
114	Bistro et Café Andre	334 Main St.	Shediac	E4P 2E5	533-9215
116	Boutique Eclipse	342 Main St., Ste 117	Shediac	E4P 2E7	532-0911
117	Brun Garbage Collection Inc.	32 Donald Street	Shediac	E4P IP8	532-2316
122	C & H Waterfront Properties	628 Arnold Lane	Shediac	E4P 2V2	532-5060
120	C & U Belliveau Concrete Products Ltd.	615 E. Main St	Shediac	E4P 2C6	532-3552
124	Cabinets & Specialty Products Ltd.	193 Main St	Shediac	E4P 2A5	532-0015
125	Cachette Dupuis	167 Dupuis St	Shediac	E4P 8W9	533-9626
126	Caisse Populaire de Shediac Ltee	339, rue Main	Shediac	E4P 2B1	532-6606
127	Calhoun Research & Development	131 Weldon St	Shediac	E4P 2X6	532-9295
71	Camco	2955, Rte. 132, Box 7	Scoudouc	E4P IB6	532-9165
128	Canadian Air	I76 Brown St	Shediac	E4P IJ8	533-8815
130	Carlet Automobile Enterprises Ltd.	332 Main St.	Shediac	E4P 2E5	532-5814
30	Carnaval d'Hiver de Shediac	342, rue Main, Unite 160	Shediac	E4P 2E7	532-7000
121	CC's Lounge Ltd.	568 Main St	Shediac	E4P 2H1	532-0227
26	Centre Communautaire de Shediac	53, rue Festival	Shediac	E4P 1S4	532-5772
138	Centre de Ressources et des Crise Familiales Beausejour	432 Main St	Shediac	E4P 2G5	533-9100
136	Centre d'Education et de Recherche en Securite	CP 5221	Shediac	E4P 8T9	532-2501
37	Centre d'Info. Touristique	342. rue Main, Unite 160	Shediac	E4P 2E7	532-7788
134	Centre Medical Regional de Shediac	419, rue Main	Shediac	E4P 2B8	533-2700
133	Centre Mega Bown Center	32 ch. Ohio	Shediac	E4P 2J9	533-8086
135	Centre Nouvelle Vie (APCD)	23 Grace St.	Shediac	E4P 3B7	532-2836
139	Chateau du Charme Salon Esthetique	18, rue Victoria	Shediac	E4P 2W7	532-3039
31	Chevalier de Colombe Shediac	417, rue Main	Shediac	E4P 2B9	532-2081
140	Chez Brute Restaurant	358, rue Main	Shediac	E4P 2E8	532-4694
141	Chez Francine	44, rue Weldon	Shediac	E4P 2X8	532-9480
142	Chez Francoise Inn Ltee	293, rue Main	Shediac	E4P 2A8	532-4233
143	Chez Ginette	143 Providence St	Shediac	E4P 2N5	532-4329
394	Chez Leo Fried Clams	3868 Route 134	Shediac Bridge	E4R 3H0	532-5443
144	China Garden Restaurant	529 Main St.	Shediac	E4P 2C4	532-5666

master list of stakeholders - correct version 13/04/2003

ID	Field1	Field2	Field3	Field4	telephone
145	Cite d'Age d'Or Inc.	143, rue Providence	Shediac	E4P 2N5	532-2556
146	Click Communications Inc.	115 Seaman St	Shediac	E4P 2S1	533-8003
148	Clinique Chiropractique Shediac	342 Main St., Unit 135	Shediac	E4P 2E7	532-1114
149	Clinique Masso Therapie Joceline Dupuis RMT	39 Calde St	Shediac	E4P IK6	532-5636
33	Club Athlethique de Shediac	41 Ave. Smith	Shediac	E4P 2S8	532-1017
151	Club Boishebert	322, rue Main	Shediac	E4P 2E3	532-9032
34	Club d'Age d'Or de Shediac	27, rue Sackville	Shedia	E4P 2P9	532- 2P9
40	Club Rotary de Shediac	517, rue Wayne	Shediac	E4P 2W8	532-3030
35	Comm. Economique du Sud-Est	11, rue Hamilton, unite "A"	Shediac	E4P 1J1	533-3390
155	Commission des Égouts de Shediac & Banlieuses	290 Main St., unit 301	Shediac	E4P 2E3	532–7025
154	Commission Scolaire District 11	10 Rue Commercial	Richibouctou	E4W 3X6	523-7655
156	Compliments Salon	335 Main St., Unit 1	Shediac	E4P 2B1	533-1113
158	Computing Resources	117 Pleasant St.	Shediac	E4P 2L4	532-4447
72	Consumer's Glass	225 Parker Road	Scoudouc	E4P 3p7	532-7200
159	Cooperative de Shediac	335, rue Main	Shediac	E4P 2C9	532-4441
160	Cormier & Beaulieu Ltee	328-G, rue Main	Shediac	E4P 2E3	532-4489
27	Corporation Cie du Sud-Est	118, rue Hamilton	Shediac	E4P 1W1	532-8312
161	Corporation des Practiciens en Medecine Douces du Quebec	128 ch. Hanington	Shediac	E4P 1W5	533-1557
73	Cott Beverages Canada	4 Addison Ave.	Scoudouc	E4P 3N4	532-5157
74	Cyclomet Ltd.	31 Bursil Ave., Unit A	Scoudouc	E4P 3N7	532-2474
163	Dairy Queen	628 Main Street	Shediac	E4P 2H3	533-2479
38	Dames Chretiennes	70 Allee MacLennan	Grand-Digue	E4R 4T2	532-4339
44	Dames d'Acadie	208, rue Sackville	Shediac	E4P 2R3	532-6476
164	Dave's Wild Bird Emporium	318-A Main St	Shediac	E4P 2E3	532-5378
405	Dean Welling & Son Fencing Co. Ltd.	16 Bateman's Mill Rd.	Shediac Cape	E4P 2Z2	532-3960
185	Depanneur Maurice	350, rue Main	Shediac	E4P 2B3	532-1100
187	Developpement des ressources humaines Canada	342 Main St., unite 145	Shediac	E4P 2E7	533-5125
165	Distinct Hair Design	623 Main St. East	Shediac	E4P 2C6	532-4474
168	Doiron & Parsons Associates	328-C Main St.	Shediac	E4P 2E3	532-9414

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ID	Field1	Field2	Field3	Field4	telephone
170	Dominic LeBlanc-MP Beausejour -Petitcodiac	328, rue Main	Shediac	E4P 2E3	533-6700
166	Do-Re-Mi Bed & Breakfast	401 Main St.	Shediac	E4P 2B6	532-1132
171	Doris Dog Grooming Salon	85 Gallagher St.	Shediac	E4P 1S6	532-9446
173	Dr. Charles LeBlanc	51, rue St-Anne	Shediac	E4P 2R4	533-3900
174	Dr. Conrad LeGresley	334, rue Main, unite 2A	Shediac	E4P 2E5	533-3008
175	Dr. Elaine Landry	334, rue Main, unite 4	Shediac	E4P 2E5	532-1479
176	Dr. J. M. Auffrey	334, rue Main, unite 5	Shediac	E4P 2E5	532-5780
182	Dr. Jacques cormier	328D, rue Main	Shediac	E4P 2E8	532-9546
177	Dr. Jean Daigle	20, rue Victoria	Shediac	E4P 2W7	532-3135
179	Dr. Josee Visockis	20, rue Victoria	Shediac	E4P 2W7	532-3135
180	Dr. Leo-Paul Richard	328E, rue Main	Shediac	E4P 2E3	532-2494
181	Dr. Lisa M. Lirette	352 Main St.	Shediac	E4P 2E8	532-1112
183	Dr. R. W. Allanach	334 Main St., unite 3	Shediac	E4P 2E5	532-6946
188	E & C Construction	31 Pointe-du-Chene Rd.	Shediac	E4P 2L9	532-4331
75	Eastern Sea Products Ltd.	11 Addison Ave	Scoudouc	E4P 3N3	532-6111
189	Eastern Well Drillers Ltd.	CP 5102	Shediac	E4P 8T8	532-9797
45	Echec au Crime	77 Ohio Road	Shediac	E4P 2J8	533-5151
388	Ecole Mgr-Francois-Bourgeois	294, ave Bellveau	Shediac	E4P 1H6	533-3308
190	Emile Arsenault Trucking & Backhoe	136, rue Tipperary	Shediac	E4P 2V9	533-7906
390	Energie NB Power	816, rue Bombardier	Shediac	E4P IJI	533-2100
391	Etoile Filante Camping Wishing Star Inc	218, rue Main	Shediac	E4P 2E1	532-686
77	Fagan Bros Contractors (1996) Ltd.	3019 Route 132	Scoudouc	E4P IC3	532-3851
192	Fantasy Flight Ultralights	125 Cherry Lane	Shediac	E4P 1M8	532-6881
193	Fergusson's Hair Stylist	372 Main Street	Shediac	E4P 2E9	532-5083
194	Fisherman's Paradise Restaurant	640, rue Main	Shediac	E4P 2H3	532-6811
196	Fougere Steam Cleaners	68 Ohio Road	Shediac	E4P 2J9	532-6725
197	Four Seas Restaurant & Motel Ltd.	634 Main St.	Shediac	E4P 2H3	532-2585
198	Foyer Chez Nous Ltd.	412 Main Street	Shediac	E4P 2G2	532-2993
200	Fun Tan Tanning Salon	333 Main Street, section F	Shediac	E4P 2B2	532-6404

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ID	Field1	Field2	Field3	Field4	telephone
201	Future Body Fitness Centre	65 Sackville St.	Shediac	E4P 2R1	532-0991
202	G.R.C. de Shediac/RCMP Dist. 4	77 ch. Ohio	Shediac	E4P 2J8	533-5151
423	Gagnon Overhead Doors	2269, Rte 115	Irishtown	E1H 2L2	859-8810
204	Gallant TV Sales & Service Ltd.	355 Main St.	Shediac	E4P 2B3	532-5300
78	Gallant's Welding & Frame Repair	3288 Route 132	Scoudouc	E4P 3S7	532-8318
205	Garderie "Chez Lyne"	241 rue Pont Breaux-Bridge	Shediac	E4P 2M4	532-2059
206	Garderie Cooperative de Shediac	172 Main St.	Shediac	E4P 2C9	532-1444
209	Gautreau Shell Service	533 Main Street	Shediac	E4P 2C5	532-3188
406	Gilbert's Corner Auto Salles & Clinic Ltd.	3351 Route 134	Shediac Cape	E4P 3G4	532-3300
10	Girl Guides of Canada	60 Pellerin St.	Moncton	E1C 9B4	859-8110
210	Glenwood Kitchen Ltd.	191 Main St.	Shediac	E4P 2A5	532-4491
79	Goguen Battery Shop Ltd.	3357 Route 132	Scoudouc	E4P 3S1	532-2242
211	Gould's Fried Clams Ltd	519 Main St. East	Shediac	E4P 2C4	532-3105
213	Great Circle Marine Services Inc.	87 Weldon Street, Unit 2	Shediac	E4P 2X5	532-4220
214	Greco Pizza (Shediac)	388 Main Street	Shediac	E4P 2G1	532-9090
215	Gymnasia Ltd.	335 Main Street	Shediac	E4P 2B1	533-9497
80	H & H Trucking Ltd.	3831, Route 132	Scoudouc	E4P 3M9	533-7007
218	Henry's Auto Body & 24 Hour Towing Ltd.	277 Main St.	Shediac	E4P 2A6	532-2330
219	Heritage Restoration Services	44 Sackville Street	Shediac	E4P 2R2	532-5269
220	Hill Products Inc.	815O, Bombardier	Shediac	E4P 1H9	532-5592
223	Ice Cream Delight	320, rue Main	Shediac	E4P 2E3	532-6769
224	Imprimerie Dupuis Printing Inc.	38 Ohio Rd.	Shediac	E4P 2J9	532-3743
407	Imprimerie LeGresley Printing	3367, Route 134	Shediac Cape	E4P 3G4	532-4533
225	Incendie/Feu de Shediac	50, rue Victoria	Shediac	E4P 2W7	532-7012
226	Intelisys Aviation Systems Inc.	815 Bombardier St.	Shediac	E4P 1H9	532-8515
424	Irishtown Auto Clinic	PO Box 23109	Moncton	E1A 6S8	383-1544
427	Irishtown Grocery	2548 Rte. 115	Irishtown	E1H 2M4	856-7948
228	Island Beach Company	620 Main Street, Unité B	Shediac	E4P 2H3	533-7444
229	J.C. Bourque Translation Ltd	108 Pleasant Street	Shediac	E4P 2L6	532-2359

master list of stakeholders - correct version 13/04/2003

ID	Field1	Field2	Field3	Field4	telephone
402	Jardin du Soleil'91	163 South Shediac River Rd	Shediac Bridge-River	E4R 1Y8	532-1337
230	John H. Skerry Electric Ltd.	PO Box 5100	Shediac	E4P 8T8	532-5091
231	King's Mechanical Contractors Ltd	PO Box 5165	Shediac	E4P 8T9	533-4343
233	L. J. Bourque	54 Comeau Street	Shediac	E4P 1N6	532-5829
50	Ladies Auxiliary	195 prom. Harper, unite 4	Shediac	E4P 1W9	532-8032
234	Landry Sport Inc	611 Main St	Shediac	E4P 2C6	532-0095
235	Le Chateau des Bouts de Choux	469, rue Main	Shediac	E4P 2C2	532-9286
236	Le Gourmand Country Inn & Cottages	562 Main St. East	Shediac	E4P 2H1	532-4351
237	Le Moniteur Acadien	CP 5191	Shediac	E4P 8T9	532-6680
243	Lead Corporation	11B Hamilton Street	Shediac	E4P 1W1	532-8312
241	LeBlanc Shoe Repair	333C, rue Main	Shediac	E4P 2B2	532-3295
242	LeBlanc's Gas Bar	184, rue Main	Shediac	E4P 2C9	532-6035
244	Lee Net Realty Ltd.	463 Paturel St.	Shediac	E4P 2L2	532-8096
250	Leger, Michel C. - Avocat	5 rue Mill	Shediac	E4P 2H8	532-0100
251	Leger, Michel C. - Avocat	5 rue Mill	Shediac	E4P 2H8	532-0100
396	Lemenager Plumbing Ltd.	73 Richard Hill Rd.	Shediac Bridge	E4R 1R6	532-6079
238	LeP'tit Cadeau Ltee	336, rue Main	Shediac	E4P 2E5	532-3348
81	Les Aliments Sandwich Factory Foods Inc	3400 Route 132	Scoudouc	E4P 3S8	532-5356
52	Les Ami(s) de la Nature	139, rue Brown	Shediac	E4P 1J6	532-5305
245	Lighthouse Lane Flowers Inc.	356 Main St.	Shediac	E4P 2E8	532-1084
246	Lighthouse Restaurant & Beverage Room	342-114 Main St.	Shediac	E4P 2E7	5326010
46	Ligue de Hockey Gentils Hommes	230 Cornwell Road	Shediac	E4P 1P3	532-3650
47	Ligue de Hockey Mineur	84, rue Festival	Shediac	E4P 1S4	532-8183
248	Lirette Brothers Construction Ltd.	CP 5190	Shediac	E4P 8T9	532-9535
82	Lirette Cement Finishing Ltd.	97 Parker Rd.	Scoudouc	E4P 3P5	532-3880
249	Lita's Salon de Beaute	446, rue Main	Shediac	E4P 2G5	532-2115
431	Mallet's Kwik Way Metro	2337 Rte. 115	Irishtown	E1C 2L5	857-2028
252	Maison Alexandria House	131 ch. Hanington	Shediac	E4P 1W4	532-4765
253	Maison Funeraire Frenette(Shediac)	396, rue Main	Shediac	E4P 2G1	532-3297

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ID	Field1	Field2	Field3	Field4	telephone
254	Maison Talbot	91 Sackville St	Shediac	E4P 2R1	532-1568
255	Maison Vienneau	426, rue Main	Shediac	E4P 2G5	532-5412
256	Mall Centreville Ltee	342 Main St., Suite 315	Shediac	E4P 2E7	532-4444
257	Mallard Inn Bed & Breakfast	19 Saint-Joseph St.	Shediac	E4P 2R6	532-0228
258	Marc-Vic Small Engine Repair	639 Main St.	Shediac	E4P 2C6	532-9445
259	Maritime Muffler Sales	168 Main St.	Shediac	E4P 2C9	532-3400
260	Maritime Safe & Lock Limited	342 Main St., Unit 99	Shediac	E4P 2E7	532-6449
83	Maritime Stone Works Inc.	31 Brenan Ave.	Scoudouc	E4P 3N6	533-9384
262	Maurice Goguen Taxi	677 Main St.	Shediac	E4P 2C8	532-6161
263	Maximum Alarm & Sound	468 Greenwood Dr.	Shediac	E4P 1V6	533-9771
264	Michel Bourque, CGA	343, rue Main	Shediac	E4P 2B3	532-6160
265	Mike's Service Center (1998) Ltd.	63 Ohio Rd.	Shediac	E4P 2J8	533-1115
408	Mile Hill Gardens	3153 Route 134	Shediac Cape	E4P 3G2	532-3255
416	Mollins & Murphy Accounting	1696 Shediac River Rd.	Shediac River	E4R 1X4	532-9613
266	Monty's Barber Shop	578 Main St.	Shediac	E4P 2H1	532-8570
1	NAME	ADDRESS	CITY	POSTAL CODE	PHONE #
270	NB Liquor Corporation (Shediac)	137, rue Donat	Shediac	E4P 1R1	532-7190
271	Nikko Gas Bar (Esso)	606 Main St	Shediac	E4P 2H3	532-4422
84	Norwood Classic Window And Entrance Systems	249 Parker Road	Scoudouc	E4P 3P8	532-0908
417	O & T Manufacturing (1996) Ltd.	1910 Shediac River Rd.	Shediac River	E4R 1X7	532-6377
272	O'Brian Siding, Roofing & Renovations	28 Bordeaux St.	Shediac	E4P 1J3	532-0000
273	Ocean Marine Charter Inc.	PO Box 5151	Shediac	E4P 8T9	532-1260
85	Ocean Pier Inc.	20 Patterson Street	Scoudouc	E4P 3R4	532-3010
274	Ocean Surf Trailer Park	PO Box 5132	Shediac	E4P 8T8	532-5480
276	Orion Seafood Group Canada	347 Main St.	Shediac	E4P 2B3	532-5200
86	Ornamental Landscape	#94 Louisbourg	Scoudouc	E4P IZ9	533-9019
278	Parasol Camping	205 Main Street	Shediac	E4P 2A5	532-8229
279	Parc Oasis Park	642, rue Main	Shediac	E4P 2H3	532-3659
48	Parents Secours	241, rue Pont Breauxbridge	Shediac	E4P 2M4	532-2059

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ID	Field1	Field2	Field3	Field4	telephone
16	Parish Grande-Digue(Visitation)	416, route 530	Grande-Digue	E4R 5K3	532-3034
17	Parish Haute-Aboujagane (Sacre Coeur)	944, route 933	Haute-Aboujagane	E4P 5S6	532-2085
18	Parish Irishtown(St. Lawrence)	340 Dominion St.	Moncton	E1C 4W9	857-0020
19	Parish Notre-Dame (N.D.S.C.)	3863, route 115	Notre-Dame	E4V 2E8	576-8915
20	Parish Pointe-du-Chene(O.L. Mercy)	11 St. Andrews St.	Pte.-Du-Chene	E4P 5E4	533-9532
21	Parish Scoudouc (St. Jacques)	3091, route 132	Scoudouc	E4P 2B6	532-3451
22	Paroise Shediac (St.Joseph)	415, rue Main	Shediac	E4P 2B6	532-3281
281	Paturel Seafood Ltd.	PO Box 5004	Shediac	E4P 8T8	532-4431
283	Pebble Stone Ltd.	PO Box 5078	Shediac	E4P 8T8	533-4935
296	Peches & Oceans-Port pour petit bateau	342, rue Main, unite 309	Shediac	E4P 2E7	533-5900
403	Perac Industries Ltd.	30 Jean Maillet Road	Shediac Bridge-River	E4R 1L2	533-6187
409	Petercraft Inc.	22 Scarlet St.	Shediac Cape	E4P 3K4	532-6744
284	Pharmacie Jean Coutu	348, rue Main	Shediac	E4P 2E8	532-4419
285	Photo Centreville	342 Main St., suite 122	Shediac	E4P 2E7	532-4507
287	Physiotherape Shediac	366 Main St.	Shediac	E4P 2E9	532-1030
286	Physiotherapie Centreville	334, rue Main, Unite 2D	Shediac	E4P 2E5	532-2117
288	Pierre Cormier Construction Ltd.	599, rue Main	Shediac	E4P 2C6	533-1110
432	Pizza Delight	526A Main St.	Shediac	E4P 2G9	532-2488
9	Pointe aux Bouleaux Residents Association	45 Abaybreeze Lane	Grand Barachois	E4P 6W9	532-0888
4	Pointe-du- Chene & Parlee Beach Residents Association	7 Fourth St.	Pointe du Chene	E4P 4H4	533-9316
292	Polyvalente Louis-J.-Robichaud	435, rue Main	Shediac	E4P 2C1	533-3314
12	Power Sail Squadron	344 Westmount Blvd.	Moncton	E1E 1V6	386-4359
294	Programme Extra -Mural Program	423, rue Main	Shediac	E#P 2C1	533-2800
295	Progressive Architectural Technologies Ins.	4045 Rte 134	Grande Digue	E4P 2W7	532-3477
297	R.J.M. Sauto Sales/Vented'Auto	541 Main St	Shediac	E4P 2C5	533-8014
299	Radio Beausejour CJSE FM 89.5	96, rue Providence	Shediac	E4P 2M9	532-0080
302	Re/Max Realty	370 Main Street	Shediac	E4P 2E9	532-9622
303	Renault, Jocelynne D.-Avocat	158, rue Sackville	Shediac	E4P 2R2	532-8850
304	Renevco	241 rue Pont Breaux Bridge	Shediac	E4P 2M4	532-2059

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ID	Field1	Field2	Field3	Field4	telephone
305	Residence Chenes de Mambre	412, rue Main	Shediac	E4P 2G2	532-2993
317	Residences Beausejour Inc.	366 rue Pascal Poirier	Shediac	E4P 2K9	533-9808
306	Richard Machine Shop	PO Box 5212	Shediac	E4P 8T9	532-3260
410	Rigel Shipping Canada Inc.	PO Box 5151	Shediac Cape	E4P 8T9	533-9000
298	RJ Hebert & Associates	42 Calder St.	Shediac	E4P 1K8	532-63324
307	Robert E. Poirier & Associates	401 Main Street	Shediac	E4P 2B6	532-4000
308	Robert K. Buzzell Automotive Parts Ltd.	612A Main St	Shediac	E4P 2H3	533-7828
309	Robichaud Denture Clinic Ltd.	304 Main St. Apt.1	Shediac	ERP 2E3	532-5546
310	Romeo's Marine & Auto Body Ltd.	583, rue Main	Shediac	E4P 2C6	532-6444
311	Ronald J. Belliveau & Associates	326 Main Street	Shediac	E4P 2E3	532-8404
313	Rossy	229 Main Street	Shediac	E4P 2B1	532-6712
54	Royal Canadian Legion	386, rue Main	Shediac	E4P 2G1	532-6900
315	Royal LePage Realty Experts	345 rue Main	Shediac	E4P 2B3	532-9670
316	Royal Shediac Golf & Country Resort Ltd.	114 Riverside Dr.	Shediac	E4P 2P3	532-3535
318	Saan Stores Ltd.	301C Main St.	Shediac	E4P 2A9	533-3905
57	Safari 2000 Inc.	C.P. 5122	Shediac	E4P 8T8	532-5536
319	Salon Esthetique Sonia	76 Weldon Street	Shediac	E4P 2X8	532-22414
321	Savoie Agnes	51, rue Gallagher	Shediac	E4P 1S5	533-9588
93	Scoudouc River Farm	3840 Route 132, Scoudouc	Scoudouc	E4P 3N1	532-2169
11	Scouts Canada, District de Moncton Incorpore	C.P. 1148	Moncton	E1C 8P6	383-7907
397	Sea Gil Motel/Chalets/Restaurant	3808 Rte. 134	Shediac Bridge	E4R 1T5	532-2530
322	SeaBreeze Communicationss	132 Brown Street	Shediac	E4P 1J7	532-4322
323	Seaside Chev Olds Ltd.	PO Box 5138	Shediac	E4P 8T8	543-6666
324	Seaside Haven Manor & Suites	75 Calder St.	Shediac	E4P 1K6	532-9025
326	Selectours Ltd/Ltee	368, rue Main	Shediac	E4P 2E9	533-9044
327	Shediac Auto Electric Ltd.	168 W. Main St.	Shediac	E4P 2C9	532-2645
328	Shediac Bay Crise Inc.	PO Box 9068	Shediac	E4P 8W5	532-2175
329	Shediac Bay Flowers & Gifts Ltd.	318 Main St.	Shediac	E4P 2E3	532-9433
330	Shediac Bay Ski Club	PO Box 5043	Shediac	E4P 8T8	532-9844

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ID	Field1	Field2	Field3	Field4	telephone
331	Shediac Bowling Center	58, rue Festival	Shediac	E4P 1S4	532-5772
333	Shediac Brake (1994) Ltd.	168 Main St	Shediac	E4P 2C9	532-4670
334	Shediac Building Movers Construction Ltd.	544 Wayne St.	Shediac	E4P 2X1	532-5721
335	Shediac Building Supplies Ltd.	11 ch. Pointe du Chene	Shediac	E4P 2L9	532-4438
411	Shediac Cape School	3375 Route 134	Shediac Cape	E4P 3G4	533-3388
336	Shediac Esthetics Salon	342 Main St., unit 119	Shediac	E4P 2E7	532-8703
337	Shediac Home Hardware	301D Main St.	Shediac	E4P 2A9	5325170
338	Shediac Irving Mainway	584, rue Main	Shediac	E4P 2H2	532-3313
341	Shediac Lobster Shop Ltd.	281 Main St.	Shediac	E4P 2A6	532-4302
344	Shediac Pallets Ltd.	PO Box 5227	Shediac	E4P 8T9	532-8255
345	Shediac Pizza	537, rue Main	Shediac	E4P 2C5	532-2203
346	Shediac Vacuum Center	354 Main Street	Shediac	E4P 2E8	5331122
347	Shediac Veterinary Hospital	301 Main St., unit A	Shediac	E4P 2A9	532-6081
55	Shediac-Cap-Pele Service Ambulancier Ltee	419A, rue Main	Shediac	E4P 2B8	532-8757
349	Shoppers Drug Mart	338, rue Main	Shediac	E4P 2E5	532-4403
87	Shopping Bag Variety	3365 Route 132	Scoudouc	E4P 3S1	532-2406
398	Shoreline Fuels Co. Ltd.	3657 Rte 134	Shediac Bridge	E4R 1R9	532-2718
62	Silver Sand Seniors	363, rute 132	Scoudouc	E4P 3M4	532-2901
399	Silver Trinkets Ltd.	3769 Rte. 134	Shediac Bridge	E4R 1S2	532-5532
60	Soc. Culturelle Sud-Acadie	298 ch. Babineau	Grande-Digue	E4R 3T9	532-8481
53	Societe Hist. Mer Rouge	205 Ch. Cornwall	Shediac	E4P 1N9	532-5314
352	Sophie Vienneau	426, rue Main	Shediac	E4P 2G4	532-5412
353	Sous le toit de l'Auberge Gabriele Inn	296 rue Main	Shediac	E4P 2E3	532-007
355	Speedy Auto Glass	543 Main Street	Shediac	E4P 2C5	532-8338
88	Springwall Sleep Products Ltd.	PO Box 745	Moncton	E1C 8M9	532-4481
61	St. Martin's in the Wood	PO Box 5182	Shediac	E4P 8T9	532-6960
413	Starship Marine Services Inc.	PO Box 5151	Shediac Cape	E4P 8T9	533-9000
356	Sticky Bun Shop Ltd./Shediac Bakery	482 Main St.	Shediac	E4P 2G9	532-3137
63	Stimulation a l'Enfance	241, rue Pont Breeusbridge	Shediac	E4P 2M4	532-2059

ID	Field1	Field2	Field3	Field4	telephone
357	Storey, Jamie M.	430 Main Street	Shediac	E4P 2G5	532-6572
360	Strait Moorings International Inc	612 Main Street	Shediac	E4P 2H3	532-2223
361	Studio Sormany	394, rue Main	Shediac	E4P 2G1	532-2396
362	Su Josephine a Nap/Sears Canada Inc.	314, rue Main	Shediac	E4P 2E3	532-4515
363	Subway(Shediac)	333 B Main St.	Shediac	E4P 2B2	532-2440
89	Superior LiftTruck Services Inc.	POBox 2538	Scoudouc	E4P 2Z9	532-1255
365	Tales Lounge	522 Main St.	Shediac	E4P 2G9	532-8117
366	The Associates	326B Main St.	Shediac	E4P 2E3	532-2350
367	The Co-operators	333 Main St., unit B	Shediac	E4P 2B2	532-2428
368	Tim Horton's (Shediac)	7 Alma St.	Moncton	E1C 4Y2	533-3990
401	Tony's Esso	22, ch. Viaduc	Shediac Bridge	E4R 1Z4	532-5676
64	Trinity United Church	379, rue Main	Shediac	E4P 8T9	533-9307
369	Turbide & Leger Ltee	30, rue Victoria	Shediac	E4P W7	532-5388
370	U A P Auto Parts/NAPA	225 Main St.	Shediac	E4P 2A5	532-2489
371	U-Haul Co. Ltd.	533 Main St.	Shediac	E4P 2C5	533-3983
373	Union des Pecheurs des Maritimes	408 Main Street	Shediac	E4P 2G1	532-2485
376	Vestiaire St. Joseph	60, rue Vestiaire	Shediac	E4P 2W5	532-1147
377	Video Co-Op Video	335 Main Street	Shediac	E4P 2B1	532-3522
378	Villa Destination	29, rue Saint Joseph	Shediac	E4P 2R6	532-3804
379	Villa Providence Shediac Inc.	403, rue Main	Shediac	E4P 2B9	532-4484
380	Ville de Shediac	290 rue Main, Unit 300	Shediac	E4P 2E3	532-7000
90	Vincor International Inc.	10 Levesque St.	Scoudouc	E4P 3P3	532-4426
382	Waite's Garage Ltd.	#3 Rte 133	Shediac Cape	E4P 3C8	532-3530
383	Web Training Solutions	CP Box 5036	Shediac	E4P 8T8	533-9860
384	Wendy's Restaurant	7 Alma St.,	Moncton	E1C 4Y2	533-3991
385	Westmorland Masonry Ltd.	34 Cornwall Rd.	Shediac	E4P 1P1	532-5924
92	West-Wood Industires Inc.	249 Parker Road	Scoudouc	E4P 3P8	532-0908
91	West-Wood Industires Inc.	249 Parker Road	Scoudouc	E4P 3P8	532-0908
386	Wikiwak Golf & Camping	55 South Cove Road	Shediac	E4P 2T4	532-6713

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ID	Field1	Field2	Field3	Field4	telephone
387	Wilson's Gas Stop	158 Main St.	Shediac	E4P 2T4	532-4238

Appendix F
DELG Station Listings

rptUT2410_06_Station

Station Listing
Shediac Bay Watershed

Station Name: Canon Croft South - Un-named tributary to Shediac Bay - DOH Site
Description: Site just U/S from culvert under Route 134. Small channel draining into the bay.
Site:

			NAD-83 (CSRS)		NAD-27
Water Body:	@Un-Named Water Body			**Historical ID:**	00BR01BT0008
StationID:	11060				
PID:				**UTM Zone:**	20
Station Status:	Active	**Latitude:**	46.220743	**UTM Northing:**	5119549
		Longitude:	64.56678	**UTM Easting:**	379100

Station Name: Cornwall Road Un-named tributary to Shediac Bay - DOH Site
Description: Site is just U/S from large culvert. Cornwall Point forms part of the mouth of this tributary.
Site:

			NAD-83 (CSRS)		NAD-27
Water Body:	@Un-Named Water Body			**Historical ID:**	00BR01BT0009
StationID:	11062				
PID:				**UTM Zone:**	20
Station Status:	Active	**Latitude:**	46.213104	**UTM Northing:**	5118698
		Longitude:	64.565266	**UTM Easting:**	379200

Station Name: Parlee Beach Volleyball - DOH Site
Description: Site is located at he mouth of a small tributary that runs alongside the volleyball courts on the beach. Tributary runs adjacent to St. jJohn St. off Pointe de Chêne Rd. Sample is taken at the mouth.
Site:

			NAD-83 (CSRS)		NAD-27
Water Body:	Shediac Bay			**Historical ID:**	00BR01BT0010
StationID:	11071				
PID:				**UTM Zone:**	20
Station Status:	Active	**Latitude:**	46.24101	**UTM Northing:**	5121724
		Longitude:	64.515474	**UTM Easting:**	383100

Station Name: Scoudouc A - Scoudouc R near Malakoff
Description: Follow road from Malakoff to abandoned gate/crossing structure. Turn around and go back approx. 300 metres. Sample site adjacent to cabin ruins.
Site:

			NAD-83 (CSRS)		NAD-27
Water Body:	Scoudouc River; . aka Scadouc River			**Historical ID:**	00BR01BT0011
StationID:	10937				
PID:				**UTM Zone:**	20
Station Status:	Active	**Latitude:**	46.147788	**UTM Northing:**	5111369
		Longitude:	64.517315	**UTM Easting:**	382760

Station Listing
Shediac Bay Watershed

Station Name: Scoudouc B - Scoudouc R near Big Meadow
Description: Just D/S from Bridge on Rte 132
Site:
Water Body: Scoudouc River; . aka Scadouc River **Historical ID:** 00BR01BT0012

		NAD-83 (CSRS)		NAD-27
StationID:	10939			
PID:			**UTM Zone:**	20
Station Status:	Active	**Latitude:** 46.144279	**UTM Northing:**	5111049
		Longitude: 64.56396	**UTM Easting:**	379150

Station Name: Scoudouc C - Scoudouc R south of Ohio-au-Barachois
Description: Site is 5.5km south on road from Ohio-au-Barachois
Site:
Water Body: **Historical ID:** 00BR01BT0016

		NAD-83 (CSRS)		NAD-27
StationID:	12523			
PID:			**UTM Zone:**	20
Station Status:	Active	**Latitude:** 46.160712	**UTM Northing:**	5112749
		Longitude: 64.478944	**UTM Easting:**	385750

Station Name: Scoudouc D - Scoudouc R @ powerline
Description: Site is @ powerline, 3.5km u/s of Scoudouc R @ mouth site
Site:
Water Body: **Historical ID:** 00BR01BT0017

		NAD-83 (CSRS)		NAD-27
StationID:	12524			
PID:			**UTM Zone:**	20
Station Status:	Active	**Latitude:** 46.194305	**UTM Northing:**	5116549
		Longitude: 64.525205	**UTM Easting:**	382250

Station Name: Scoudouc E - Scoudouc R
Description:
Site:
Water Body: **Historical ID:** 00BR01BT0018

		NAD-83 (CSRS)		NAD-27
StationID:	12525			
PID:			**UTM Zone:**	20
Station Status:	Active	**Latitude:** 46.176838	**UTM Northing:**	5114599
		Longitude: 64.518891	**UTM Easting:**	382700

Station Name: Scoudouc F - Scoudouc R
Description:
Site:
Water Body: **Historical ID:** 00BR01BT0019

		NAD-83 (CSRS)		NAD-27
StationID:	12526			
PID:			**UTM Zone:**	20
Station Status:	Active	**Latitude:** 46.180634	**UTM Northing:**	5114999
		Longitude: 64.504096	**UTM Easting:**	383850

Station Listing
Shediac Bay Watershed

Station Name: Scoudouc G - Scoudouc R @ TCH
Description:
Site:
Water Body: Scoudouc River; . aka Scadouc River **Historical ID:** 00BR01BT0020
StationID: 12731 NAD-83 (CSRS) NAD-27
PID: **UTM Zone:** 20
Station Status: Active **Latitude:** 46.126124 **UTM Northing:** 5109149
Longitude: 64.639167 **UTM Easting:** 373300

Station Name: Scoudouc River near mouth
Description: Site is U/S from bridge abutment under Route 15 on true left bank
Site:
Water Body: Scoudouc River; . aka Scadouc River **Historical ID:** 00BR01BT0013
StationID: 11063 NAD-83 (CSRS) NAD-27
PID: **UTM Zone:** 20
Station Status: Active **Latitude:** 46.208522 **UTM Northing:** 5118169
Longitude: 64.552173 **UTM Easting:** 380200

Station Name: Shediac A - Shediac R near Irishtown
Description: Just U/S from culvert @ Rout 115. Farms in area U/S from culvert. Excellent fencing job on both sides of the river.
Site:
Water Body: Shediac River **Historical ID:** 00BR01BS0046
StationID: 10940 NAD-83 (CSRS) NAD-27
PID: **UTM Zone:** 20
Station Status: Active **Latitude:** 46.203462 **UTM Northing:** 5118009
Longitude: 64.798955 **UTM Easting:** 361150

Station Name: Shediac B - McQuade Bk @ Scotch Settlement
Description: Just U/S from culvert under road
Site:
Water Body: Shediac River **Historical ID:** 00BR01BS0047
StationID: 10941 NAD-83 (CSRS) NAD-27
PID: **UTM Zone:** 20
Station Status: Active **Latitude:** 46.231677 **UTM Northing:** 5121049
Longitude: 64.743853 **UTM Easting:** 365470

Station Name: Shediac Bay @ Bay Vista - DOH Site
Description: Approx 200 m from shore (high water mark) in bay adjacent to the Bay Vista in Shediac Cape
Site:
Water Body: Shediac Bay **Historical ID:** 00BR01BT0014
StationID: 11058 NAD-83 (CSRS) NAD-27
PID: **UTM Zone:** 20
Station Status: Active **Latitude:** 46.244178 **UTM Northing:** 5122148
Longitude: 64.563556 **UTM Easting:** 379400

Station Listing
Shediac Bay Watershed

Station Name: Shediac Bay @ Queen's Wharf - DOH site
Description: Close to monastory
Site:

Water Body:	Shediac Bay			**Historical ID:**	00BR01BT0015
StationID:	11059		NAD-83 (CSRS)		NAD-27
PID:				**UTM Zone:**	20
Station Status:	Active	**Latitude:**	46.241947	**UTM Northing:**	5121899
		Longitude:	64.562844	**UTM Easting:**	379450

Station Name: Shediac C - Shediac R @ Cape Breton
Description: Just U/S from bridge on road and D/S from small tributary
Site:

Water Body:	Shediac River			**Historical ID:**	00BR01BS0048
StationID:	10943		NAD-83 (CSRS)		NAD-27
PID:				**UTM Zone:**	20
Station Status:	Active	**Latitude:**	46.208739	**UTM Northing:**	5118499
		Longitude:	64.743061	**UTM Easting:**	365475

Station Name: Shediac D - Shediac R D/S from Evangeline
Description: Follow road from Evangeline to roadway leading to reclaimed gravel pit. Walk down road south of pit area. Sample site located on D/S side of bend in river.
Site:

Water Body:	Shediac River			**Historical ID:**	00BR01BS0049
StationID:	11051		NAD-83 (CSRS)		NAD-27
PID:				**UTM Zone:**	20
Station Status:	Active	**Latitude:**	46.237895	**UTM Northing:**	5121639
		Longitude:	64.68335	**UTM Easting:**	370150

Station Name: Shediac E - Shediac R @ covered bridge U/S from the mouth of Weisner Bk
Description: Site is just U/S from the bridge
Site:

Water Body:	Shediac River			**Historical ID:**	00BR01BS0050
StationID:	11052		NAD-83 (CSRS)		NAD-27
PID:				**UTM Zone:**	20
Station Status:	Active	**Latitude:**	46.244998	**UTM Northing:**	5122399
		Longitude:	64.665407	**UTM Easting:**	371550

Station Name: Shediac F - Calhoun Bk U/S from culvert under road near Saint Philipe
Description: Site is just U/S from culvert
Site:

Water Body:	Calhoun Brook			**Historical ID:**	00BR01BS0051
StationID:	11053		NAD-83 (CSRS)		NAD-27
PID:				**UTM Zone:**	20
Station Status:	Active	**Latitude:**	46.215106	**UTM Northing:**	5119099
		Longitude:	64.67844	**UTM Easting:**	370475

Station Listing
Shediac Bay Watershed

Station Name: Shediac G - Weisner Bk @ bridge on road near Saint Philipe
Description: Just U/S from bridge
Site:
Water Body: Weisner Brook **Historical ID:** 00BR01BS0052
StationID: 11054 NAD-83 (CSRS) NAD-27
PID: **UTM Zone:** 20
Station Status: Active **Latitude:** 46.2138 **UTM Northing:** 5118948
Longitude: 64.674835 **UTM Easting:** 370750

Station Name: Shediac H - Batemans Bk @ Bateman's Mills
Description: approx 10 m U/S from bridge, below rocks
Site:
Water Body: Batemans Brook **Historical ID:** 00BR01BS0053
StationID: 11055 NAD-83 (CSRS) NAD-27
PID: **UTM Zone:** 20
Station Status: Active **Latitude:** 46.231067 **UTM Northing:** 5120779
Longitude: 64.620244 **UTM Easting:** 375000

Station Name: Shediac River @ mouth
Description: Just U/S from bridge abutment on Route 134, true left bank.
Site:
Water Body: Shediac River **Historical ID:** 00BR01BS0054
StationID: 11057 NAD-83 (CSRS) NAD-27
PID: **UTM Zone:** 20
Station Status: Active **Latitude:** 46.272816 **UTM Northing:** 5125349
Longitude: 64.576051 **UTM Easting:** 378500

This is the end of the report