

**REGION OF QUEENS MUNICIPALITY
REGULAR COUNCIL
TUESDAY, JUNE 24, 2014
9:00 A.M.**

PRESENT: Mayor Christopher Clarke, Chair
Councillor Darlene Norman
Councillor Bruce Inglis
Councillor Brian Fralic
Councillor Susan MacLeod
Councillor Raymond Fiske
Councillor Jack Fancy
Councillor Peter Waterman
Kathleen Rafuse, Chief Administrative Officer
Jennifer Keating-Hubley, Director of Finance
Bobbi Jo Goulden, Recording / Management Secretary

1.0 CALL TO ORDER:

The meeting was called to order at 9:00 a.m.

2.0 CHANGES / APPROVAL OF AGENDA:

It was moved by Councillor Waterman and seconded by Councillor Fiske that the Agenda be approved with the following addition:

16.2 North Brookfield Women's Institute Resolution

MOTION CARRIED unanimously.

3.0 PRESENTATION(S):

3.1 RCMP Monthly Report

Staff Sergeant Paul MacDougall was welcomed the meeting where he reviewed the RCMP Report for the month of May 2014. He began his report speaking on personnel matters.

S/Sgt. MacDougall noted that the calls for service were up from the previous month and from the same time frame in 2013. He advised that 27 Break and Enter calls were reported for the month. These crimes mostly occurred in the North Queens cottage country area and he added that they believe some of the offences occurred during the winter months while the cottages were closed for the season and owners were returning to their cottages for the summer and discovered the crimes. He noted that property owners may want to purchase surveillance cameras/trail cameras to monitor their properties while they are away.

Staff Sergeant Paul MacDougall wanted to pass along his gratitude for the support shown to detachment members from the residents in community following the shootings in Moncton.

Mayor Clarke commented that it was nice to see RCMP members during Privateer Days dressed in Red Serg for the parade and at Queens County Museum for their Launch of the Liverpool Packet event.

S/Sgt. MacDougall answered questions and responded to concerns from Councillors and left the meeting at 9:22 a.m.

3.2 Climate Data Study

Mayor Clarke welcomed Krista Harding, Executive Director, South Shore Opportunities, Community Business Development Corporation, who proceeded to provide a power point presentation on the CBDC and the 2013 Project Summary of the South West Nova Temperature and Solar Radiation Study.

Krista Harding explained that they are in year three of the study and advised that Perennia and Applied Geomatics Research Group have been collecting and analyzing temperatures and solar radiation every ten seconds for two years in a Climate Data study project. She noted that the data being collected from 42 weather stations is promising, and the study has located areas that would have agriculture potential due to temperatures and soil conditions. She noted that they discovered that there are locations in South West Nova that have comparable heat to the Annapolis Valley; often with milder winters and longer frost free periods and some evidence found, strongly supports the belief that the South West Nova region has superior, climatic suitability for high value crops such as peaches, and wine grapes.

Ms. Harding advised that the full report can be found on their website <http://southshoreopportunities.com/>. She also noted that on October 22, 2014, at 63 King St., Shelburne, beginning at 1:00 p.m., experts from Perennia and Applied Geomatics Research Group (NSCC) will be providing more detailed information along with the results of the report.

After answering questions from Council, Krista Harding was thanked for sharing her information and she left the meeting at 10:00 a.m. Her presentation is attached at the end of the minutes.

3.3 Yarmouth Ferry Presentation

Danny Morton, Director, Cruise Marketing & Business Development, Nova Star Cruises, provided to Council an update of how the ferry is progressing since its operation began in May. He noted that the ferry is now providing daily round-trip service aboard the cruise ferry, Nova Star, between Yarmouth, and Portland, Maine. He added that the ship is a brand new, 538-foot cruise ferry that offers comfortable cabins, 3 restaurants, casino, conference center, art gallery, spa, kids' zone, and duty-free shopping.

Danny Morton noted that they are focusing on highlighting destination packages for when tourists arrive to Nova Scotia and are working on product development and partnerships with businesses to provide travelers with turnkey vacation experiences that bundle passage on the Nova Star with select tourism offerings throughout Nova Scotia. He noted that communities are working on getting infrastructure back in place to accommodate visitors while they are in the area.

Mr. Morton explained that they are having a lot of positive feedback from business noting that the amount of visitors to some areas is already up this year due to the return of ferry service.

Danny Morton advised that all communities of the province need to work together to make the province a global destination.

Mr. Morton answered questions and responded to concerns put forth by Councillors after which he was thanked for his presentation and he left the meeting at 9:20 a.m.

The meeting recessed at 10:28 a.m. and resumed at 10:33 a.m.

Councillor Fralic returned at 10:40 a.m. while item 3.4 was underway.

Mayor Christopher Clarke left the turned the Chair over to Deputy Mayor Norman so he could make the following presentation:

3.4 Review of 2013 – 2014 and Plans for 2014 – 2015

Mayor Clarke began the presentation by noting that Council's number one priority since being in office has been economic development and proceeded to review economic development for 2013 to 2015 inclusive.

Mayor Clarke provided a power point presentation which included some of the following topics:

- Review of 2013 -2014
- Accomplishments
- Plans for 2014-2015
- Focus on new and innovative opportunities
- Building on the Strengths of our Past, while Innovating for the Future
- Investing in our Future
- Volunteer commitment and dedication
- Ivany Report
- What Others think of Queens

Mayor Clarke commented that other municipalities are speaking of the economic revival that is happening in Queens and Queens is becoming known as a recovering community that promotes business.

Mayor Clarke spoke of the current activities in the Region such as economic activities at the former Bowater Mill site, Green Crab fishery, North Queens Business Hub/ Fire Hall, and celebrating business and community successes.

Mayor Clarke spoke on the shortage of fire wood and wood fibre in the province and noted that it is important for the province to open the crown land that once belonged to Bowater in this area to support south west Nova Scotia businesses. He added that Council will continue to lobby the government on this matter.

Mayor Clarke noted that Council and Staff are continuing to support existing industries such as Tourism, Forestry, Fishery bi-products as well as, focusing on new innovative opportunities in Agriculture, Renewable Energy, and Industrial opportunities.

Mayor Clarke provided information on the formation of the new Regional Enterprise Network and the benefits of being a part of this entity. He added that all communities from Hubbards to Clyde River will work together to market the South Shore area, which has never been done before.

Kathleen Rafuse, CAO, noted that Municipal Governments foster an environment for economic development. She suggested that sometimes it takes 10 to 12 years to see total redevelopment in communities which have encountered a major employer leaving the area or losing a major industry. She added that Council and Staff are doing a lot of work to have foundational documents prepared for when a business opportunity should arise.

Deputy Mayor Norman returned the Chair to Mayor Clarke at this time.

4.0 **TABLING OF PETITIONS:**

There were no petitions to come before this meeting.

5.0 PUBLIC QUESTION / COMMENT SESSION:

David Dagley
9 Meadow Pond Lane
Liverpool

Mr. Dagley congratulated the Queens County Museum on their efforts on their new Liverpool Packet exhibit. He noted that their grand opening event was a success and well attended. He added that this was a part of their \$300,000 expansion project with more things to come.

Mr. Dagley also spoke on some of his concerns regarding the South Shore Regional Enterprise Network Inter-Municipal Agreement. He was concerned about the current economic development staff, local number of votes on the REN Board, costs, and office location.

Mayor Clarke advised that there will be no negative impacts with staff or our community resulting from being part of the REN. He added that the REN has a regional focus and that there are significant advantages in having all the Towns and Municipalities take part in the REN to work together to achieve a common goal in promoting the South Shore area.

Mark Whynot
21 Crowell Street
Liverpool

Mark Whynot commented on the economic activity in the area and stated that there are a low number of Building Permits being issued which he suggests show the true economic activity in the community.

Mayor Clarke informed that some realtors in the area are noting that housing sales are up this year and suggested people are buying the existing properties on the market and renovating them rather than building new structures.

Bill Cox
121 Bog Road
White Point

Mr. Cox wanted to pass along that the community has been receiving great press lately which is always a benefit to everyone. He added that he spoke with a lot of people who were visiting the area during Privateer Days who commented positively about our community. He added that a variety of activities are hosted by the many volunteers in the community.

Mr. Cox advised that the Region is moving forward, but noted that more people have to be on board and support local business by shopping locally. He added that this community has a lot to offer and residents have to work together to continue to progress.

Chad Whynot
15 Nickerson Pond Road
Brooklyn

Mr. Whynot suggested that the community should look at marketing the area to seniors to bridge the gap until more businesses / industry returns to the community that will create employment. He added that providing more housing options for seniors will attract them to our community. He then spoke on the benefits to the area should more people chose to retire here. They contribute to the community, volunteer and create spin off employment.

Mayor Clarke spoke on the topic of the need for more senior housing options in the community and this has been something Council and staff has been working on for some time. He added that they have been in contact with the government as well as developers to try to have new housing constructed in the area.

Councillor Fralic noted that we have to be careful in promoting the Region as a retirement community as this was the case for the town of Mahone Bay who marketed their community as a place to retire and now are having some repercussions for that decision which are now negatively impacting the schools in the area due to the lack of young families. He added that we have to find a way to positively market the community as a place to retire as well as a place for young families.

Mr. Whynot also commented that better communication from Council is required and suggested live streaming of Council meetings to better inform the community of its activities.

The meeting recessed at 11:58 a.m. and resumed at 1:15 p.m.

Councillor Inglis did not return to the meeting.

6.0 APPROVAL OF MINUTES:

6.1 Regular Council Minutes – June 10, 2014

It was moved by Councillor Waterman and seconded by Councillor Fiske:

THAT the minutes of the Council meeting held on June 10, 2014, be approved as circulated.

MOTION CARRIED unanimously, with 1 absent.

7.0 DANGEROUS OR UNSIGHTLY PREMISES:

There were no Dangerous or Unsightly Premises issues discussed at this meeting.

8.0 ECONOMIC DEVELOPMENT:

8.1 South Shore Regional Enterprise Network Inter-Municipal Agreement

It was moved by Councillor Fralic and seconded by Councillor Fiske:

THAT the Council of the Region of Queens Municipality authorize the signing of the Inter-Municipal Agreement for the South Shore Regional Economic Network (REN) with the Region of Queens Municipality, Town of Bridgewater, Town of Lockeport, Town of Lunenburg, Town of Mahone Bay, Town of Shelburne, Municipality of the District of Lunenburg, Municipality of the District of Shelburne and the Municipality of the District of Chester.

Kathleen Rafuse advised that Mayor Clarke and Councillor Norman along with herself have been meeting with all the Mayors, Wardens and CAOs from the communities listed in the REN to work out the details on the agreement.

Kathleen Rafuse then explained the Board Structure, governance, and details of the agreement.

Councillor Fralic stated that he hoped all of the focus of the REN will not be mostly on Lunenburg County as this has happened in the past with the RDA.

Mayor Clarke noted that everyone is on board with this agreement and he added that there is a greater feeling of cooperation and noted that it will be valuable for all units which are involved. He stated that this is the first time that these units will work collectively towards a common goal.

Councillor Norman suggested that it will be beneficial for all groups to work together to market our communities as the "South Shore" and to sell it as we see it. She added that the people involved from the other recognize the importance of promoting each community.

Mayor Clarke noted that some towns or units may miss out on funding opportunities if they are not part of a REN.

MOTION CARRIED unanimously, with 1 absent.

8.2 Economic Development Monthly Report

Lisa Dobson, Executive Director of Economic Development, reviewed the Economic Development report which was included with the Council agenda package.

Some topics discussed were:

- Internet for Rural Queens - Many Queens County businesses are still poorly provided with high-speed access to the internet. Staff have visited businesses to find out what the issues are, in order to develop a business case prior to meeting with telecom providers to encourage them to work with us on finding a solution.
- Route 8 Adventure Destination - building an outdoor adventure and ecotourism opportunities. Working with the Nova Scotia Tourism Association to help businesses develop experiences and packages related to building Route 8 as a destination known for outdoor adventure.
- Investment Readiness - Is almost ready, staff are on fine-tuning the Asset Inventory and Community Profile for Queens.
- Visitor Services – The number of visitors to the VIC's and Fort Point Park compare very favorably with previous years for the month of May.

9.0 CORPORATE SERVICES:

9.1 Outdoor Church Services

It was moved by Councillor Fiske and seconded by Councillor Norman:

THAT the Council of the Region of Queens Municipality grant permission to Liverpool Salvation Army and Highway Pentecostal Assembly to hold open-air church services in the lower parking lot adjacent to Liverpool Home Hardware on Sunday evenings from July 6 - July 12, in addition to the permission having already been given for July 13 - September 7 inclusive.

MOTION CARRIED unanimously, with 1 absent.

10.0 ENGINEERING AND WORKS:

There were no matters to be discussed at this meeting from the Engineering and Works Department.

11.0 FINANCE:

There were no matters to be discussed at this meeting from the Finance Department.

12.0 RECREATION AND COMMUNITY FACILITIES:

12.1 Community Recreation Assistance Request – Liverpool Tennis Club

It was moved by Councillor Fancy and seconded by Councillor Fralic:

THAT the Council of the Region of Queens Municipality approve a Community Recreation Assistance Program grant of \$350 to the Liverpool Tennis Club to introduce the sport of pickleball, to be funded from the Community Grants and Programs budget line.

MOTION CARRIED unanimously, with 1 absent.

Norm Amirault, Director of Recreation and Community Facilities, informed Council that there is a group who are interested in establishing a Comic Con event for June 2015, here in Queens. He added that organizers have visited Queens Place Emera Centre and they suggested that the facility has a great layout and had has the potential to be the main venue for the event. He noted that this event could be the next big event for the Region of Queens.

13.0 PLANNING:

There were no matters to be discussed at this meeting from the Planning Department.

14.0 QUEENS PLACE EMERA CENTRE:

14.1 Queens Place Emera Centre Monthly Report

Steve Burns, General Manager, briefly reviewed the regular monthly report that was included in the Council agenda package and spoke on the following topics:

- Arena Activity - Hot on the Ice Tournament was a successful event
- Fitness Centre:
 - New class schedule, 20 classes slotted, starts Monday June 30th
 - Workshops hosted by each of the attendants starting in June. Sessions held on weekends are free and are designed to introduce people to the theory of exercise and particular classes as well as some practical application.
- Youth Programming:
 - Teen Athletic Training
 - Zumba for Kids
 - Weekly fitness challenges are gaining popularity
 - Working to create some summer activity for youth in the community
- Track Activity – “Walk & Talk Coffee Shop” started. This will be a one - time per week walk session around the inside track or if weather permits, on the outside trail hosted by one of the fitness attendants, enjoy a light stretch, walk, and a coffee afterwards.
- Events:
 - Steve Burns, spoke of the success of the Charlie Pride Concert and commented that the promoters of the event were pleased with the turn out and venue. He added that they are working on events to bring to the facility.
 - “School's Out for Summer” – June 30th event for youth aged 12 - 18 from 8:00 - 11:00 p.m.
 - July 1st “Family Fun Day” for all ages from 2:00 – 6:00 p.m.

15.0 REPORTS:

The following reports were included in the agenda package for information purposes:

- 15.1 Bylaw Enforcement Officer's Report
- 15.2 Building Inspector's Report

16.0 OTHER:

16.1 Building Canada Fund – Project Recommendations

It was moved by Councillor Norman and seconded by Councillor MacLeod:

THAT the Council of the Region of Queens Municipality approve the submission of the following projects to the Department of Municipal Affairs as the 3 projects that will be submitted for funding under the New Building Canada Fund:

2015/2016- Brooklyn Sewer/Water Project - \$600,000;
2016/2017- Brooklyn Sewer/Water Project - \$800,000;
2017/2018- Brooklyn Sewer/Water Project - \$650,000

MOTION CARRIED unanimously, with 1 absent.

16.2 North Brookfield Women's Institute Resolution

It was moved by Councillor Waterman and seconded by Councillor Fiske:

THAT the Council of the Region of Queens Municipality approve the following resolution:

WHEREAS the North Brookfield chapter of the Women's Institute of Nova Scotia celebrated their 100th anniversary on June 23rd, 2014;

AND WHEREAS the group has provided both service to community and personal development of its members for the past century;

AND WHEREAS the Region of Queens Municipality greatly appreciates such distinguished volunteer service;

BE IT THEREFORE RESOLVED the Council of the Region of Queens Municipality congratulate the North Brookfield chapter of the Women's Institute of Nova Scotia on achieving this milestone and thank them for the positive impact they have had in the North Queens area.

MOTION CARRIED unanimously, with 1 absent.

17.0 IN-CAMERA ITEMS:

It was moved by Councillor Norman and seconded by Councillor MacLeod that the proceedings go "In-Camera" at 2:12 p.m. to discuss the following:

- 17.1 Sale of Municipal Property
- 17.2 Contract Negotiation
- 17.3 Personnel Matters

MOTION CARRIED unanimously, with 1 absent.

Councillor Inglis returned to the meeting at 2:15 p.m. (during item 17.1)

Councillor Fiske left the meeting at 2:20 p.m. (during item 17.2) and did not return.

Councillor Inglis left the meeting at 2:30 p.m. (during item 17.3) and did not return.

It was moved by Councillor Fancy and seconded by Councillor Fralic that the proceedings come out of "In-Camera" at 2:45 p.m.

MOTION CARRIED unanimously, with 2 absent.

Position Guides / Job Description and Salary Ranges for Assistant Director of Engineering and Works and Solid Waste Management Clerk

It was moved by Councillor Waterman and seconded by Councillor MacLeod:

THAT the Council of the Region of Queens Municipality approves the Position Guides/ Job Description and Salary ranges for the following positions:

Assistant Director of Engineering and Works	Range 23
Solid Waste Management Clerk	Range 12

AND FURTHER THAT the salary adjustment for the Assistant Director of Engineering and Works be effective April 1, 2014.

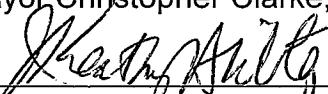
MOTION CARRIED unanimously, with 2 absent.

18.0 ADJOURNMENT:

There being no further business, the meeting adjourned at 2:47 p.m.



Mayor Christopher Clarke, Chair



Jennifer Keating-Hubley, Director of Finance




Bobbi Jo Goulden, Recording / Management Secretary


Date approved: July 8, 2014

South West Nova Scotia (SWNS) Temperature and Solar Radiation Study 2013 Project Summary

2013 Project Summary



South Shore Opportunities
BUSINESS... From the Idea Forward

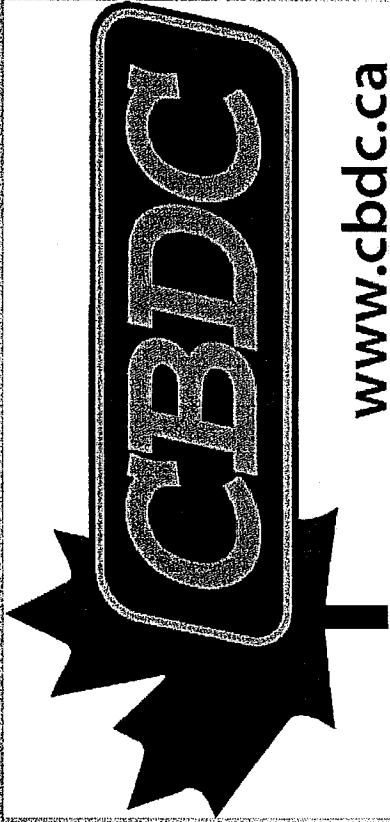


CBDC
A Community Business Development Corporation

David Colville & Wayne Reiger
Applied Geomatics Research Group
Centre of Geographic Sciences, NSCC
Middleton, NS

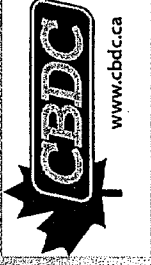
with an Agricultural Applications Summary
by John Lewis, AgraPoint





www.cbdc.ca

- **Community Business Development Corporation**
- **269 organizations across Canada**
- **41 CBDCs in Atlantic Canada**
- **13 CBDCs in Nova Scotia**
- **INDEPENDENT non-profit corporations**
- **Governed by LOCAL VOLUNTEER Business-minded people.**



The picture in Nova Scotia

- The Federal Government granted \$32.2 million to Nova Scotia CBDCs. CBDCs have used these funds to invest over \$276 million into local businesses.
- Provincial CBDC loans leverage additional investments of 74% from other sources (banks & credit unions).

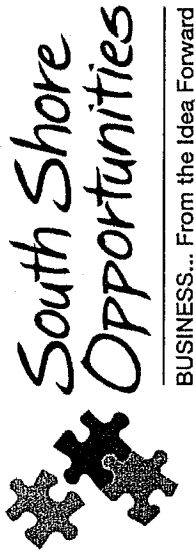


A Community Business
Development Corporation

The local picture

Snapshot at March 31, 2014

- Began 1991 in Queens County.
- 1997 expanded to Lunenburg County
- Provide
 - Business counselling (how to , where to start),
 - Technical assistance (how to do business plans etc)
 - Loans for business start-up, expansion, correct difficulties
 - No minimum, \$150,000 maximum per business
 - Interest based on risk, typically 6.5 to 8.0 at present.
- In Queens County only also provide help with people looking for work and retraining.
- Physical office locations: Liverpool and Bridgewater. **OFTEN GO TO clients.**

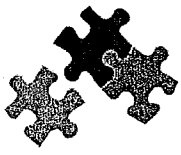


A Community Business
Development Corporation

The local picture

Snapshot at March 31, 2014

- Received \$2.3 million from federal govt for lending in beginning.
- 17.1 million \$ approved financing to Mar 2014.
- 555 jobs created plus
- 991 jobs maintained.



South Shore
Opportunities

BUSINESS... From the Idea Forward

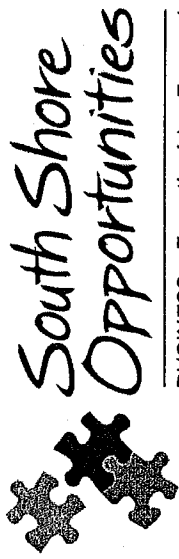


A Community Business
Development Corporation

The immediate picture locally:

2013-2014

- 152 new inquiries for business : new, expanding or difficulty.
70 from Queens, 82 from Lunenburg co.
- Provided technical assistance, business counselling.
- Received 28 formal requests for financing, 14 from Queens and 13 from Lunenburg co. Similar to last 3 years.
- Approved 19 applications 70% approval, down slightly from last few years.
- Applications committed \$702,000, down from last few years.
 - \$338,000 Queens County
 - \$364,000 Lunenburg County
- 6 jobs created plus 54 jobs maintained



BUSINESS... From the Idea Forward



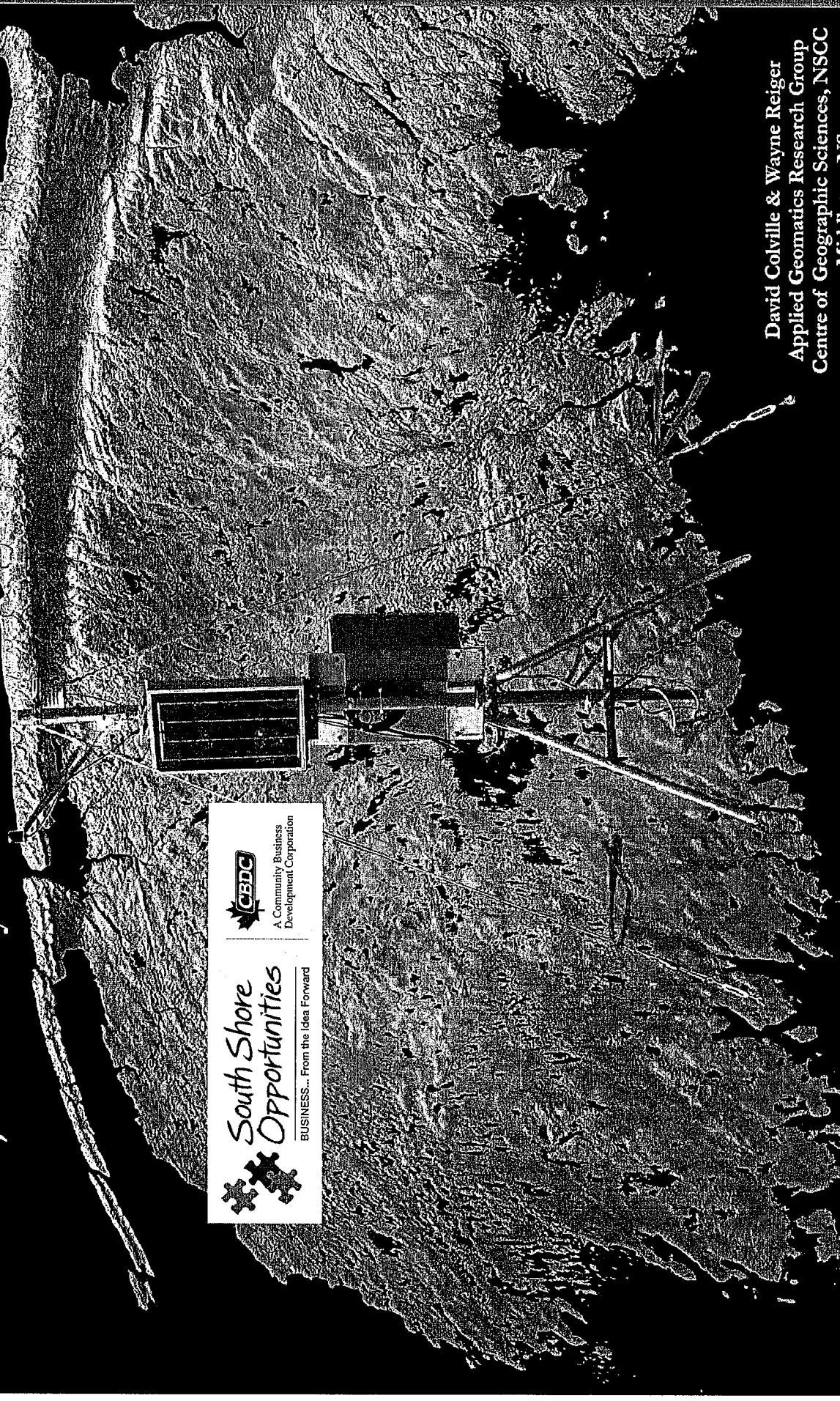
A Community Business
Development Corporation


The immediate picture locally:


2013-2014

- 173 new registrants for help at the career center:
work, retraining.
- 37 went to school using skills development (ENS)
support.
- 27 got training on the job with employers via the
START (ENS) program support.
- 67 people found new work.

South West Nova Scotia (SWNS) Temperature and Solar Radiation Study 2013 Project Summary



 **South Shore Opportunities**
BUSINESS... From the Idea Forward

 **CBDC**
A Community Business Development Corporation

David Colville & Wayne Reiger
Applied Geomatics Research Group
Centre of Geographic Sciences, NSCC
Middleton, NS

with an Agricultural Applications Summary
by John Lewis, AgraPoint

 **AGRG** Applied Geomatics Research Group

 **CGS** Centre of Geographic Sciences

 **nscc** Applied Research

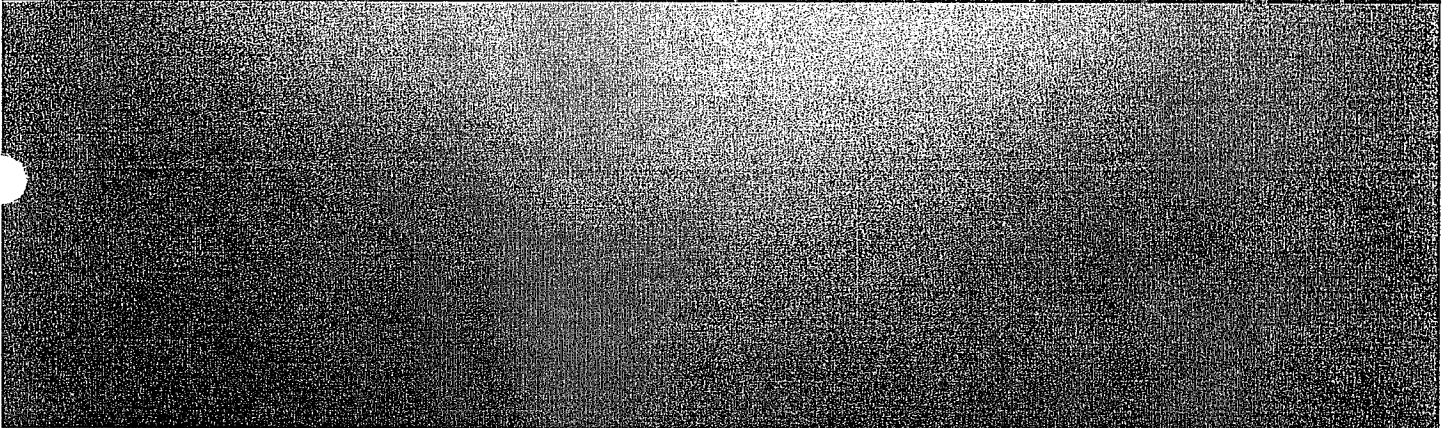
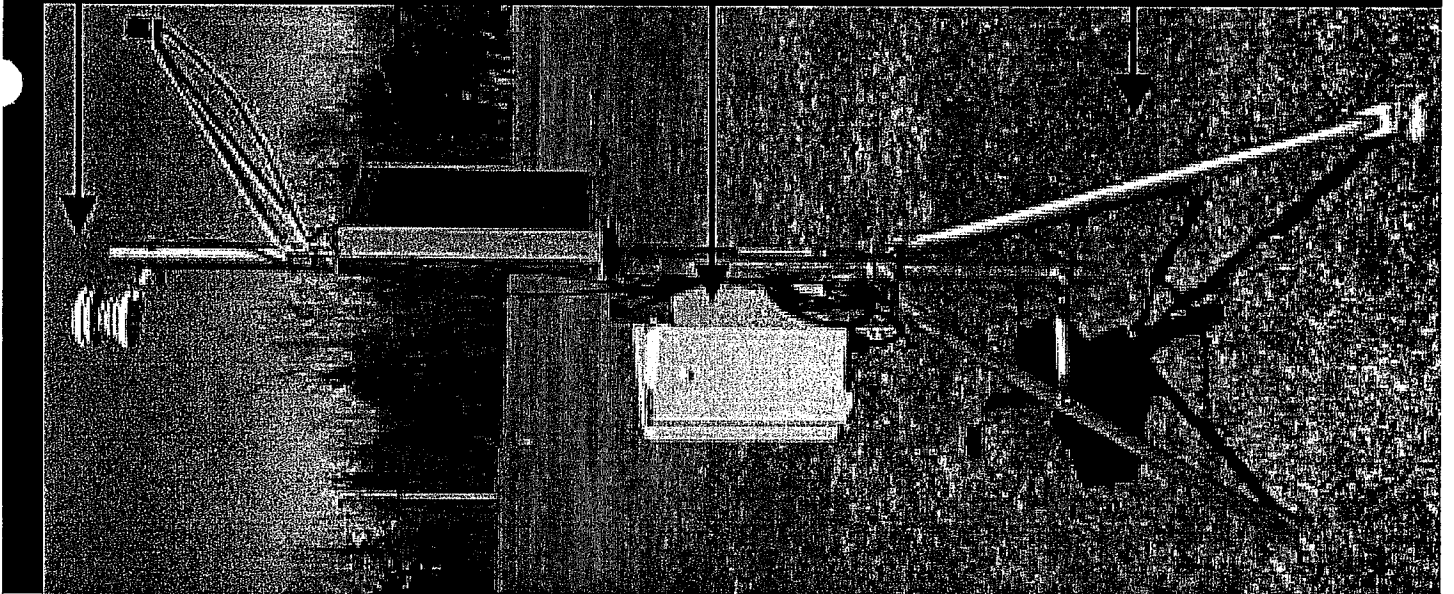
 **Agra Point**

Background: HOW

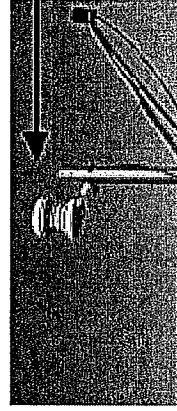
- In 2011 three Community Business Development Corporations (CBDs) of Yarmouth, Shelburne, Queens-Lunenburg.
- Funding from more than a dozen sources
- AgraPoint (Perennia) and Applied Geomatics Research Group (AGR) contracted to perform the work.

Background: WHAT

- This project 42 Onset weather stations.
- AGRG added 18 more Onset weather stations) within Kings and Annapolis.
- Existing 14 Campbell Scientific stations for 10 years in Annapolis Valley.
- TOTAL 72 stations SWNS

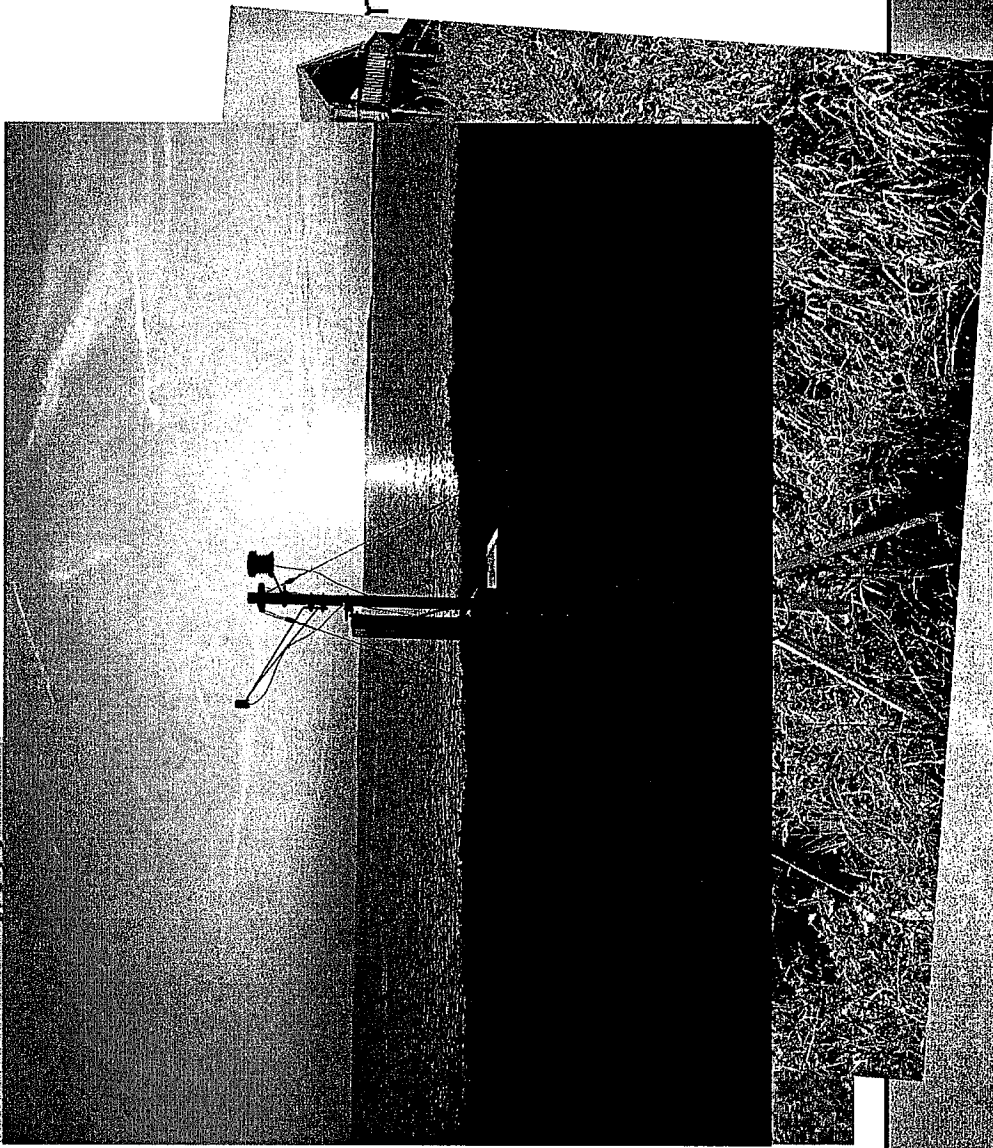


Weather Station Configuration



Temperature Sensor

Solar Radiation Sensor



Background: WHAT

- Stations measure both temperature and solar radiation (i.e., sunshine units).

Background: WHAT

- Growing Degree Days (GDD):
Daily maximum and minimum temperatures compared to a base temperature

$$\text{GDD} = \frac{T_{\text{max}} + T_{\text{min}}}{2} \text{ minus } T_{\text{base}}$$

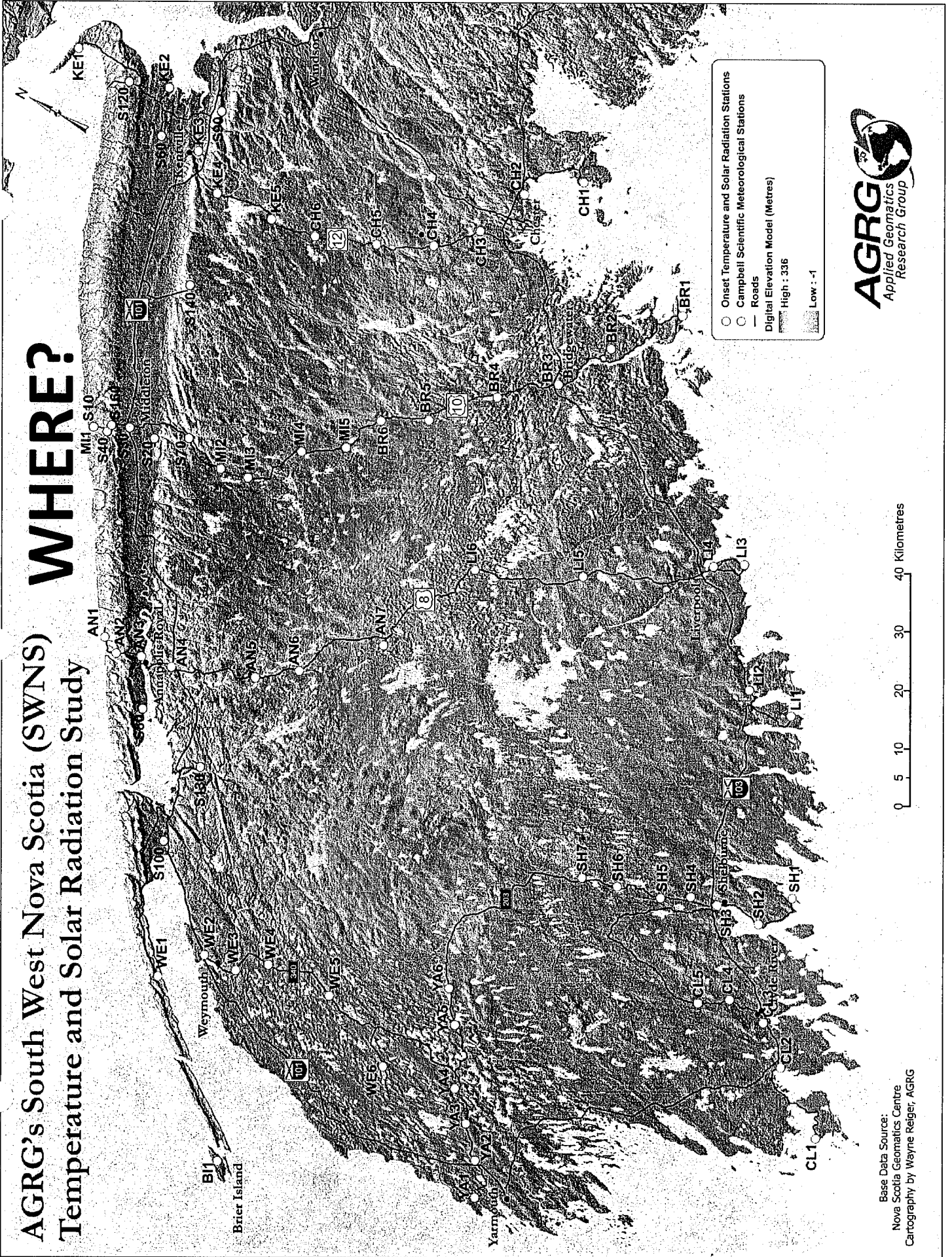
- This study uses 2 base temperatures, 5 degrees celsius and 10 degrees celsius

Background: WHAT

- Temperature and solar radiation every 10 seconds
- Data is averaged to produce a data record which is stored on the data logger every five minutes.
- Automatically transmit the data to the AGRG office through Bell's cellular network and the Internet.

AGRG's South West Nova Scotia (SWNS) Temperature and Solar Radiation Study

WHERE?



Base Data Source:
Nova Scotia Geomatics Centre
Cartography by Wayne Reiger, AGRG



2013 Report:

Individual Information Available

5 data summary tables are:

- **Table 1: 2013 Temperature Data Summary**
- **Table 2: 2013 Base 50C Heat Unit Accumulation within the April to November Period**
- **Table 3: 2013 Base 100C Heat Unit Accumulation within the April to November Period**
- **Table 4: 2013 Daily Average Solar Radiation within the April to November Period**
- **Table 5: 2011 - 2013 Annual Temperature Comparison**

2011-2013 Report:

Results

General trends within the study region

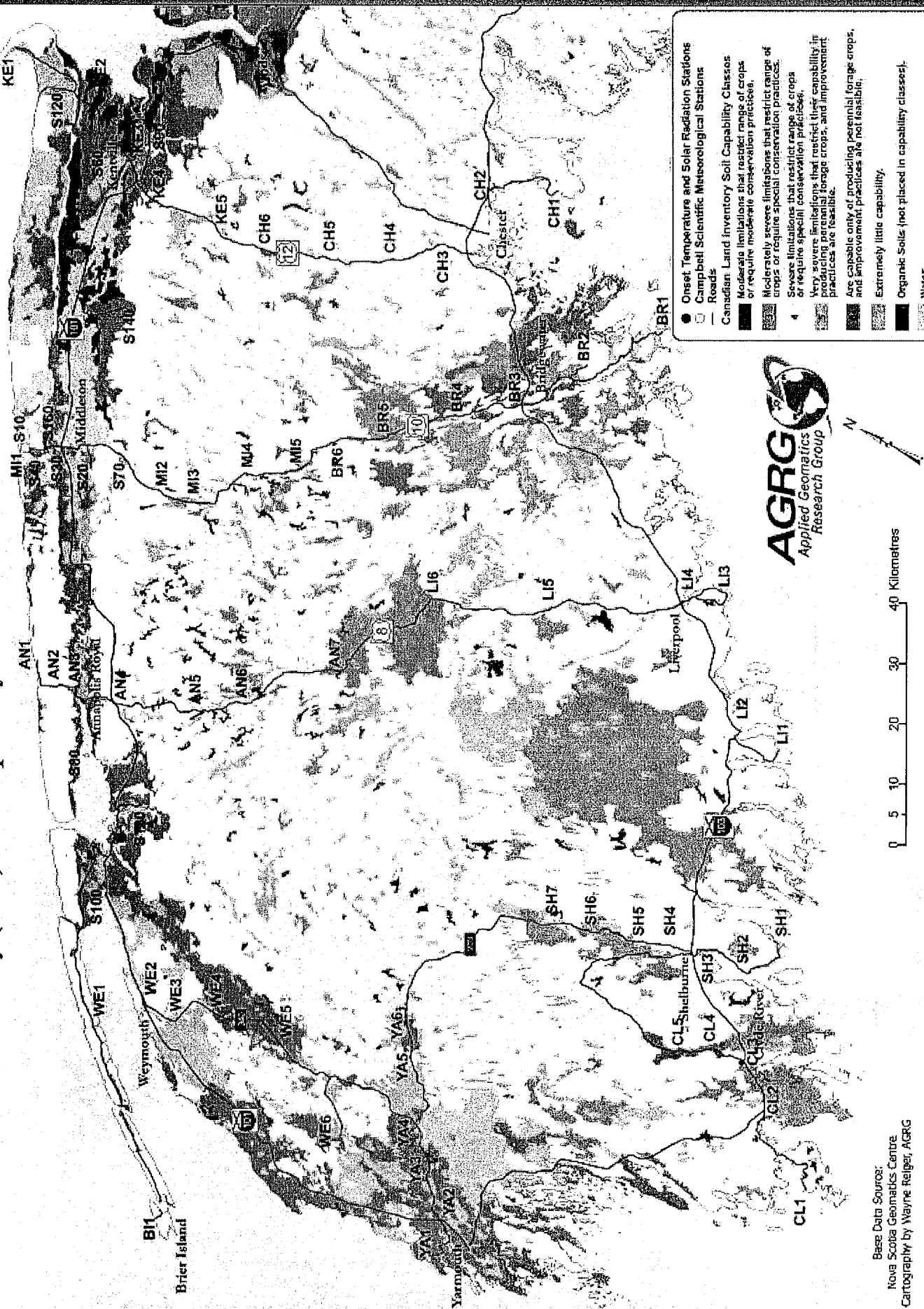
Trends within corridors:

- basic trend that as one proceeds from the coast inland,
- heat accumulation increases while winter minimum temperature decreases.
- winter minimum temperatures are decreasing by about 0.7 degrees Celsius for every 10 km travelled inland
- Surprisingly, the data suggests that solar radiation changes very little as one travels inland from the coast and in fact coastal sites have been slightly sunnier over the period of 2012-2013. (able 1)

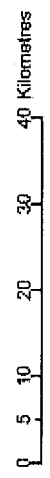
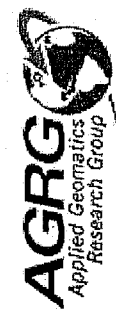
2013 Report: Maps

- Four sets of SWNS maps have been included in this report; the first set provides station location context while the remaining three sets show the heat accumulation and solar radiation results for 2013, 2012, and 2011.

AGRGR's South West Nova Scotia (SWNS) Canadian Land Inventory (CLI) Soil Capability Classes



- Onset Temperature and Solar Radiation Stations
- Campbell Scientific Meteorological Stations
- Roads
- Canadian Land Inventory Soil Capability Classes
- Moderate limitations that restrict range of crops or require moderate conservation practices.
- Moderately severe limitations that restrict range of crops or require special conservation practices.
- Severe limitations that restrict range of crops or require special conservation practices.
- Very severe limitations that restrict their capability for use as cropland, range crops, and improvement practices are feasible.
- Are capable only of producing perennial forage crops, and improvement practices are not feasible.
- Extremely little capability.
- Organic Soils (not placed in capability classes).
- Water

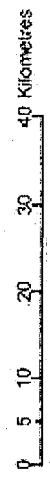


Base Data Sources:
Nova Scotia Geomatics Centre
Cartography by Wayne Reijger, AGRG

AGRG's South West Nova Scotia (SWNS) Heat Accumulation (GDD B10°C) Apr-Nov 2013



- Onset Temperature and Solar Radiation Stations
- Campbell Scientific Meteorological Stations
- Roads
- Digital Elevation Model (Metres)
- High : 336
- Low : 1-1



Base Data Source:
Nova Scotia Geomatics Centre
Cartography by Wayne Rejzger, AGRG

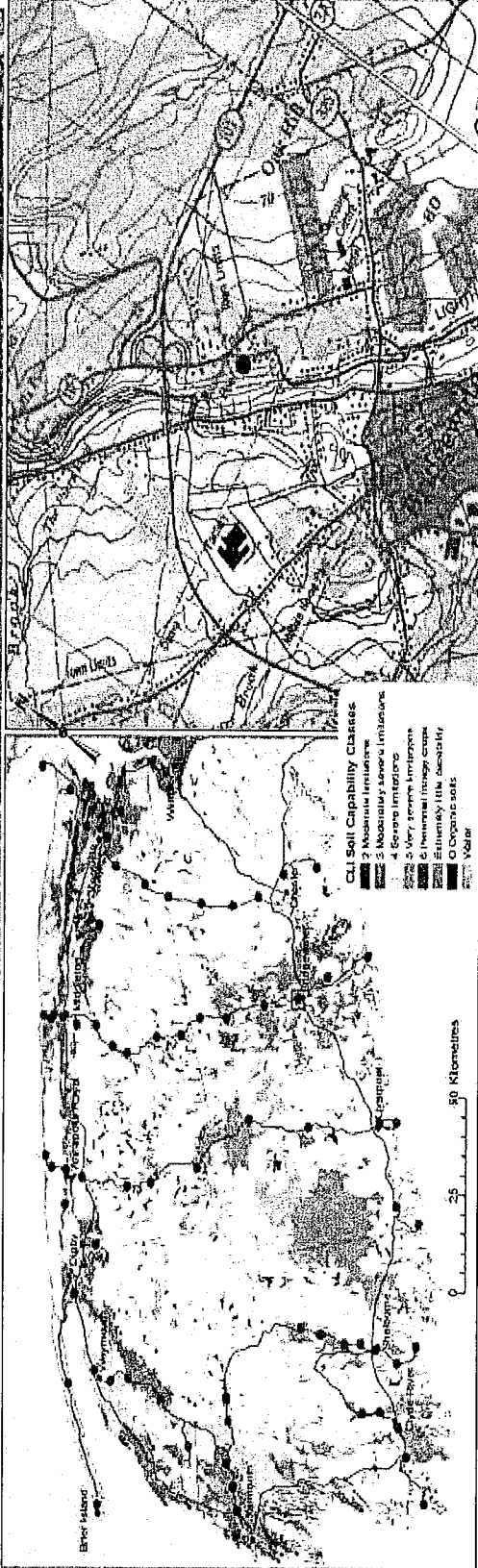
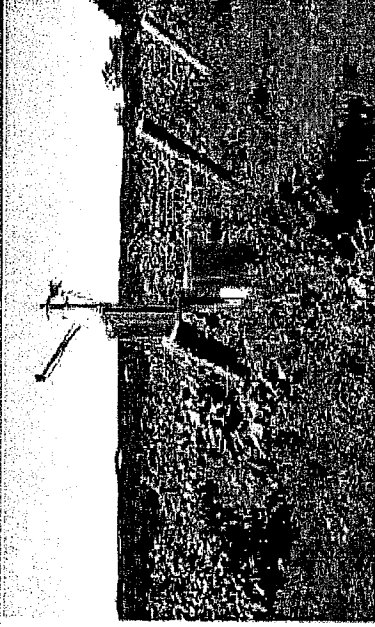
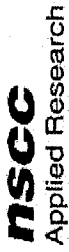
The first page of the two-page Station Summary provides a description of the station,

South West NS Temperature and Solar Radiation Study

Station Description

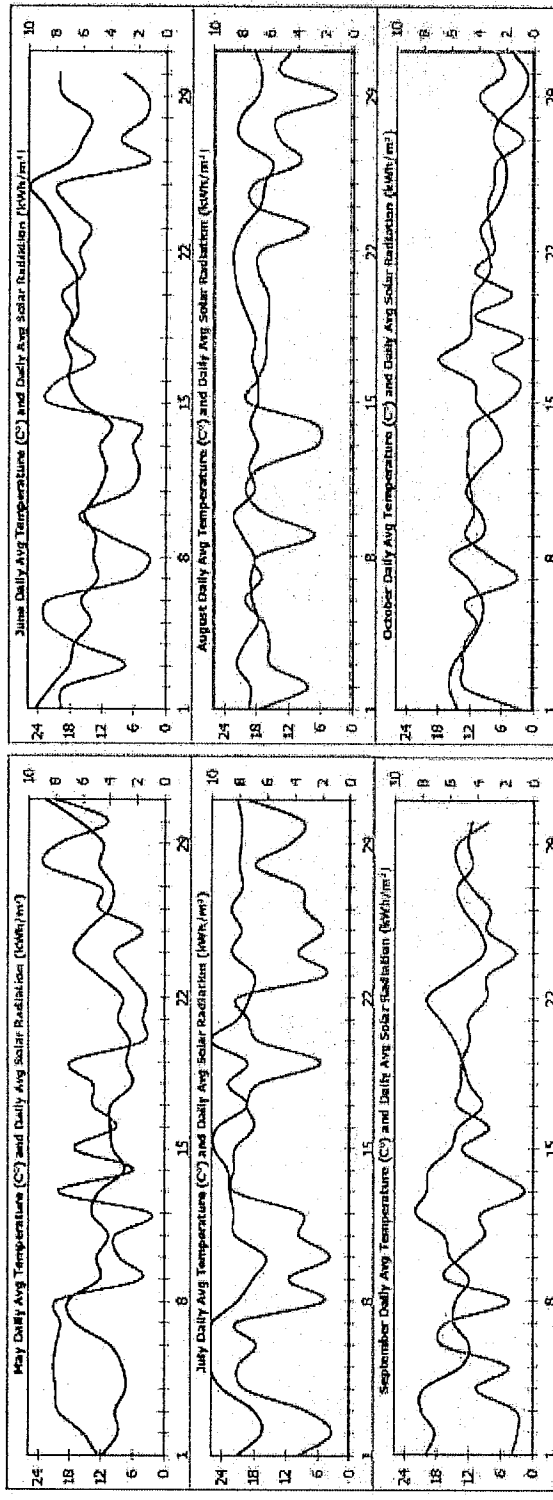
Station ID: BR3 (O)
 Location: Bridgewater
 County: Lunenburg
 Contact: Kevin Johnson
 Deployment: 5/5/2011

Easting: 378345.598
 Northing: 4916323.686
 Height (m): 39.52
 [UTM Zone 20, NAD 83]



while the second page provides a summary of the 2013 temperature and solar radiation data:

2013 Temperature and Solar Radiation Summary for Station BR3



2013 Month	GDD (85°C) (FREQD)	GDD (65°C) (FREQD)	Min Temp (°C)	Max Temp (°C)	Avg Temp Above 5°C (°C)	Avg Temp All (°C)	Total Solar Radiation (kWh/m²/mo)	Solar Radiation All Stations (kWh/m²/day)	Solar Radiation At Station (kWh/m²/day)
January	6 [0]	0 [0]	-21.42	13.06	-4.45	-4.01	54.88	1.77	1.38
February	0 [0]	0 [0]	-22.37	8.52	-2.86	-2.85	67.37	2.41	2.09
March	3 [0]	0 [0]	-11.29	12.94	1.13	0.94	101.30	3.27	3.08
April	54 [0]	6 [0]	-5.48	22.51	5.61	5.17	132.58	4.42	4.23
May	216 [96]	82 [42]	-1.10	20.85	11.48	10.87	148.79	4.80	4.84
June	373 [123]	223 [223]	6.91	33.18	17.02	15.57	143.71	4.79	4.78
July	519 [519]	364 [364]	10.49	33.10	21.53	20.09	153.64	4.96	4.93
August	447 [447]	292 [292]	5.92	30.17	19.24	17.86	164.59	5.27	5.31
September	324 [324]	174 [174]	2.88	28.69	15.23	14.43	108.16	3.61	3.48
October	159 [159]	44 [44]	-5.23	24.39	9.77	9.65	98.75	3.12	2.96
November	47 [0]	13 [0]	-10.65	19.48	3.80	3.61	43.93	1.46	1.25
December	5 [0]	0 [0]	-17.47	12.70	-2.20	-2.03	29.79	0.96	0.79
Yearly Averages or Extremes	2153 [1917]	1206 [1139]	-22.37	33.15	7.94	7.44	1,247.49	40.94	39.12

Station Deployment: May 05, 2011

Frost Free Start: May 19, 2013 02:10

Frost Free End: October 29, 2013 21:32

Frost Free Duration: 163.81 days

Climate standards for wine grape production

Table 3 Climatic limitations to Wine Grape production.

Climate rating	Degree Days above 10 °C	Frost-free period (days)	Winter Minimums (°C)
Most suitable	>1300	180	-21 3 times or less in 10 yrs. Minimum not less than -23.
Good suitability	1100-1300	165	-21 5 times or less in 10 yrs. Minimum not lower than -26.
Fair suitability	900-1100	150	-21 almost every year. -26 or lower only once in 10 yrs.
Poor suitability	<900	130	-23 5 times or more in 10 yrs. -26 3 times or more in 10 yrs.

Using the standards identified in Table 3, each of the corridors in the study demonstrated some potential for high value perennial crop production, based on the 2011-2013 weather data.

Liverpool	2011	201	2013	Mean +/- SDD	Winter minimum temperatures201 3
L11 East Port L'hebert					
L12 Robertson Loop					
L13 Strawberry Point	915	940	811	889+/- 68	-17.3
L14 Liverpool	1087	116 0	1102	1116+/- 39	-18.7
L15 Middlefield	1019	115 1	1094	1088+/- 66	-20.9
L16 South Brookfield	1114	110 2	1034	1083+/- 43	-24.0
KE3 (KRS)	1143	122 0	1102	1155+/- 60	-23.4

EXCERPTS FROM TABLES:

Table 6: Frost Free Period (days) 2011- 2013

Liverpool	2011	2012	2013
L13	191	191	191
L14	190	171	183
L15	177	164	170
L16	149	147	148
KE3 (KRS)	177	164	170

2013 REPORT CONCLUSION

- The corridor with the highest heat unit accumulation was Bridgewater, while the Liverpool, Shelburne, Yarmouth, Weymouth, and Kentville corridors were very similar to each other but with slightly less heat than Bridgewater (Table 2).
- Examining winter minimums, the western corridors of Clyde, Yarmouth, and Weymouth were the mildest within the study area and winter minima generally decreased as one progressed east, either through the South Shore corridors or the Annapolis Valley corridors. Similarly, average frost free periods were generally longer in the west, becoming progressively shorter moving easterly.
- Little evidence of fog depression throughout the 3 years.

With all other variables equal, the milder winters of the South Shore suggest that high value winter sensitive crops (eg. wine grapes, highbush blueberries, and peaches) and cultivars (eg. vinifera wine grapes) would be better placed in the South Shore than in the Annapolis Valley.

2013 CONCLUSION

FULL REPORT found via link:
www.southshoreopportunities.com

Food for thought...

- **Burgundy** (*Bourgogne* in French) area, France
- The average cost of buying Burgundy grand cru vineyard land, France's most-expensive wine real estate, rose 5.3 percent in 2013, according to a report released this week by France's Agriculture Ministry. Prices rose for the 17th straight year, **averaging 4 million euros (\$5.4 million) for a parcel of land that wouldn't even accommodate two football fields.**

PLEASE SPREAD THE WORD

OPEN TO THE PUBLIC

We would like to share with you why
we are **EXCITED** about our climate.

Please Join Us

South Shore Opportunities CBDC,

63 KING St., SHELBURNE

Wednesday October 22, 2014

1:00 pm to 4:00 pm

Climate data (temperature and solar radiation) has
been polled every 10 seconds for 3 years at 42 spots
in South West NS.

Hear the surprising and interesting results,
presented by experts from NSCC and Perennia.

Find out what this may mean for agricultural opportunities here.

Region of Queens Municipality


Nova Scotia, Canada

Review of 2013-14 & Plans for 2014-15



Amy MacGowan Photography

www.regionofqueens.com



The primary deliverable of the Region of Queens Council for the 2014/2015 fiscal year continues to be economic development. An ongoing focus and through diligently working with our partners, together we are redeveloping our community and attracting investment to our area. Our partners include multiple stakeholders, including the Provincial and Federal governments, community groups, the business community, and all residents.

Review of 2013-14

- Innovacorp Demonstration Centre
- Cellufuel – I3 Technology Start-Up Winner - Zone 2
- Lightsail (Unified Energy) – still plan to be here
- Liaison with Shell – potential offshore supply base
- Various other potential industrial opportunities for that site as it transforms from a paper mill to a brownfield industrial site with an innovation demonstration center.

Review of 2013-14

Queens Attraction Strategy

3 Action Teams remobilized by mid-January

Specific Actions the teams are working to advance:

- ▣ Commercialization of Green Crab fishery for export or neurtaceutical opportunities
- ▣ Queens Arts Council
- ▣ Working with South Shore Health supporting recruitment efforts

Plans for 2014-15

- ▣ Regional Enterprise Network (REN)
- ▣ Queens Business Development Association
- ▣ SQCC / NQBOT – continue close involvement
- ▣ Updated Economic Report Card
- ▣ Continue to lead by example
- ▣ Strategic business outreach
- ▣ Celebrating entrepreneurial spirit



Plans for 2014-15

- ▣ Export opportunities for value added goods & services
- ▣ Supply chain opportunities
- ▣ Investment readiness (continual process)
- ▣ Investment attraction
- ▣ Continue to celebrate businesses and community successes

Plans for 2014-15

Building on the Strengths of our Past, while Innovating for the Future. Support our traditionally strong industries:

▣ **Tourism:**

- ▣ Return of Yarmouth Ferry
- ▣ Improved Consumer Show Presence
- ▣ Updated colour Lighthouse brochure
- ▣ Life after Destination SouthWest Nova ??

▣ **Forestry sector**

- ▣ Community Forest
- ▣ Secondary Processing - Cellufuel's bio diesel, and other potential bi-products like lignen, bio char, activated char, etc.
- ▣ Continue to lobby for equitable crown fibre allocation to Western sawmills

▣ **Fishery bi-products like Green Crab**

Review of 2013-14

ACCOMPLISHMENTS

- ▣ Labour Profile for Queens-Lunenburg-Shelburne
- ▣ Economic Report Card for Queens
- ▣ Asset Inventory / Community Profile
- ▣ Strategic Business Visits - staff met more than 100 businesses or potential startups
- ▣ New Business Interviews / Analysis
- ▣ North Queens Business Hub/Fire Hall



Plans for 2014-15

Also focus on new and innovative opportunities:

- ▣ **Agriculture:**
 - ▣ Emerging mink sector in North Queens
 - ▣ Climate Study Phase 2
- ▣ **Innovacorp Demonstration Centre**
 - ▣ Renewable energy opportunities
 - ▣ Value added fibre products
- ▣ **Renova Corporation**
 - ▣ Industrial opportunities - partnering with NS Land to promote/market this valuable asset



Plans for 2014-15

Investing in Our Future

- ▣ Town Hall upgrades
- ▣ Parking area on Legion Street
- ▣ Continuation of Brooklyn Sewer/Water Phase VIII
- ▣ Main Street water/sewer remediation – Union to Summer Streets
- ▣ Grants to Organizations
- ▣ Enhanced Fire Department Funding
- ▣ Working with Central and North Queens for improved internet services

Plans for 2014-15

Communication Strategy

- ▣ A communications strategy is being developed to establish Queens County's brand and unique attraction features for business.

Targeted Deliverables:

- ▣ Ready for Business
- ▣ Innovative
- ▣ Living Well

Plans for 2014-15

VOLUNTEER COMMITMENT AND DEDICATION

Community organizations developed a volunteer component that allowed them to bring economic development opportunities to our area.

These include:

- ▣ The Friends of Hank Snow Society
- ▣ Winds of Change Dramatic Society
- ▣ Astor Theatre Society
- ▣ Liverpool International Theatre Festival
- ▣ Ukulele Ceilidh
- ▣ Events Liverpool - a subcommittee of the South Queens Chamber of Commerce
- ▣ North Queens Fire Association
- ▣ North Queens Board of Trade
- ▣ Queens County Fair Association
- ▣ And a number of others



The Ivany Report: Now or Never

Where we are as a region in relation to the Report and what we all can do going forward, for all of us MUST ACT:

- ▣ Government does not create economic wealth ... private businesses do.
- ▣ Collaboration
- ▣ Immigration

What others think of Queens

“In my experience working with similar-sized communities, both in Nova Scotia and throughout Ontario, the Region of Queens Municipality is well ahead of the curve with regard to their pro-business development attitude, economic development efforts and their over-all level of investment readiness. The staff, CAO, Council and Mayor have a true understanding of their community’s strengths and economic development assets. The Region of Queens has done some impressive work marketing their community attributes and making the right information available for investors.”

~ *Ian Duff, Director of Economic Development Consulting,
McSweeney & Associates*

What others think of Queens

'Lucy Roy was one of those (8 new businesses) who opened on Main Street when she started a men's and women's clothing store in June (2013).

"Opening any new business is risky," she said, but she had done her market research. She also had faith in Liverpool.

"It is a nice little community," Roy said. "People try to support local business ... I have that small town support, which is wonderful."

~ *Queens Reigns for New Businesses, written by Bev Ware, South Shore Bureau, Chronicle Herald, Nov. 8, 2013*



What others think of Queens

“I did my due diligence and I said ‘Yes, this is where I want to live, in Liverpool, and this is where I want to do business,’ (Kathleen) Quinlan said, (Fiore Botanica). “I was not deterred by the Bowater closing. I opened in February, ... the worst retail month of the year, and I opened in a town where ... there were lots of empty stores.” Still she said, she wasn’t worried “I knew this town was going to be supportive.”

~ *Queens Reigns for New Businesses, written by Bev Ware, South Shore Bureau, Chronicle Herald, Nov. 8, 2013*



As stated in the Ivany Report:

“Decide where WE want to be 10 years from now. Set our goals. And start work on all the things we need to do to get there.”

We as Regional Government cannot do this alone and all of your support and investment is making a real difference in our community.



**WE'RE REINVENTING OUR
FUTURE HERE. BUILDING
ON THE STRENGTHS OF
OUR PAST, WHILE
INNOVATING FOR THE
FUTURE.**

www.regionofqueens.com

Region of Queens Municipality

Position Guide and Job Description

Assistant Director of Engineering and Works

General Accountability

The Assistant Director of Engineering and Works is accountable to the Director of Engineering and Works to assist in carrying out the duties and responsibilities of the Department and to ensure it is run in an efficient and effective manner. The Assistant Director will perform all duties of the Director in his/her absence.

General Duties and Responsibilities

The following is a general outline of the duties and responsibilities of the Assistant Director of Engineering and Works. The listing is not intended to be all inclusive or to limit the Assistant Director's initiative to expand his/her function beyond this scope nor is it intended to limit the Director of Engineering and Works right to assign other duties.

1. Perform all duties of the Director of Engineering and Works in his/her absence.
2. Assist the Director of Engineering and Works to ensure the effective and efficient operation of the department and to ensure that it functions properly at all times.
3. Assist the Director of Engineering and Works in the preparation of annual operating and capital budgets as well as implementation and control.
4. Assist the Director of Engineering and Works in providing leadership and direction in the development of short and long range plans dealing with service issues and implementation strategies.
5. Supervises capital projects as directed.
6. Responsible for the effective and efficient operation of the Public Works Department and to ensure that it functions property at all times.

7. Responsible for organizing, coordinating, scheduling and supervising the Public Works Department as directed by the Director of Engineering and Works, and works closely with the employees of the Public Works Department to ensure the work is carried out in an effective and cost efficient manner.
8. Supervise, motivate, direct, train, encourage and discipline the employees of the Public Works Department as provided in the Region's Personnel Policy.
9. Provide counseling on a confidential basis to staff including resolution of disputes.
10. Ensure that the policies and procedures established respecting the operation of the Public Works Department are followed and make such recommendations for additions or revisions thereto as may be appropriate. The specific duties and responsibilities, but not limited to, are as follows:
 - a. Sanitary/Storm Sewage Collection System
 - a) Supervise the maintenance and repair of catch basins, catch basin leads, sewers and outfalls.
 - b) Supervise the installation and construction of all new components of the sewage system.
 - c) Supervise the cleaning and flushing of sewers and catch basins.
 - d) Investigate complaints regarding flooding of the street and sewer lateral backup(s).
 - e) Supervise the daily operational procedures of all sewage treatment plants.

- f) Supervise the maintenance and repair of the sewage lift stations.
- g) Assists in the implementation of the Region's storm water management plan.

b. Water Utility

- a) Supervise repairs to all water mains, service laterals, valves, hydrants, curb stops, meters and other fixtures.
- b) Supervise the installation of new components to the water distribution system.
- c) Supervise routine flushing and cleaning of water mains.
- d) Develop and maintain a program of hydrant and valve maintenance repairs and renewal.
- e) Supervise the turning off or turning on of individual services.
- f) Investigate complaints regarding low pressure, dirty water, apparent high consumption and the like.
- g) Supervise the daily operational procedures of the Water Treatment Plant.

c. Streets and Right-of-Ways

- a) Supervise the cleaning and maintenance of streets and assist other Departments in the same for the Region's owned and operated recreational areas in Queens County. Within streets and right-of-ways this would include cleaning gutters, ditches, grass areas, vegetation, filling potholes, regarding gravel roads, applying dust control measures and repairing sidewalks.

- b) Supervise pavement patching, recapping, chip sealing, crack sealing, rehabilitation of existing streets and construction of new street systems.
 - c) Supervise snow plowing, snow removal and the application of de-icing salt and sand on streets, sidewalks, parking areas and other public areas.
 - d) Patrol streets, inspecting for potential problems and maintenance requirements and take appropriate action to correct same.
- d. Solid Waste Management Facility
- a) Responsible for the effective and efficient operation of all components of the Solid Waste Management Facility and to ensure that it functions properly at all times.
 - b) Responsible for organizing, coordinating, scheduling and supervision of the Solid Waste Management Facility and works closely with all employees at the facility to ensure optimum levels of operation.
 - c) Supervise, motivate, direct, train, encourage and discipline subordinate employees at the Facility pursuant to policies, procedures and collective agreement in place.
 - c) Coordinate, facilitate and manage the facility components, to ensure that space is utilized in the 2nd Generation Landfill Facility, at an optimum level and that all guidelines, regulations, and directions are explicitly followed, thereby protecting the integrity of the permit to operate.
 - d) Coordinate and monitor the transfer of leachate from the leachate lagoon to the sewer treatment plant.

- e) Ensure safe and efficient use of all equipment and ensure it is maintained in order to protect the effectiveness and longevity of all equipment. A planned maintenance program shall be followed and documented.

e. Administration

- a) Assign the Public Works crew to various jobs each morning at starting time and re-assign individuals during the day to cover various tasks and to maintain efficiency.
- b) Develop and maintain a program of planned maintenance for all equipment and machinery kept by the Region.
- c) Develop and maintain a suitable inventory of spare parts for equipment and spare components for the water utility and sewage systems.
- d) Prepare detailed daily and weekly planning reports on the activities of the Department with particular emphasis on the accurate location of all underground utilities and services which are encountered or installed.
- e) Prepare a time sheet(s) for the employees that accurately distributes expended time across the various accounts which are established by the Director of Finance.
- f) Preparation of Work Orders and Work Reports.
- g) Supervise the maintenance of the Region of Queens Municipal buildings.
- h) Participate in the Safety Committee pursuant

11. Assists in the evaluation of municipal infrastructure (including buildings) in order to identify future operating and capital funding requirements and priorities.
12. Prepares plans, specifications and call for tender on projects and programs as assigned.
13. Assists the Director of Engineering and Works in the establishment of ongoing maintenance, including schedules for replacement of all Works department related equipment.
14. Develop a building maintenance program and be responsible to coordinate, facilitate and manage the maintenance of all Region buildings.
15. Responsible for purchasing within the department for all projects as assigned in accordance with the Region's purchasing policy.
16. Supervise staff on all projects which he/she is responsible for.
17. Maintains accurate records of time and material within the department as well as other costs of all projects as assigned to ensure proper costing.
18. Assists in the implementation and maintenance of the Region's Geographical Information System (GIS) and Global Positioning System (GPS).
19. Maintains an excellent working knowledge of the Nova Scotia Occupational Health and Safety Act requirements, Environmental and Transportation Regulations as well as all other applicable legislation and policies.
20. Maintains a close liaison with the Director of Engineering and Works and assists the Director wherever possible and whenever requested to do so.

21. Assume responsibility for after hour emergency calls and pager duties as scheduled by the Director of Engineering and Works.
22. Participate in the Joint Occupational Health and Safety Committee as directed.
23. Maintains good public relations in dealing with the citizens. This employee must recognize that he/she is a public servant and must use the utmost respect at all times when dealing with other staff, the general public and Council.
24. Carry out any and all duties and responsibilities that the Director of Engineering and Works shall see fit to assign or that may arise from time to time.

Special Conditions

It is essential that the employee hold a valid driver's license.

While it is recognized that specific duties and responsibilities have been assigned, the Assistant Director of Engineering and Works must be knowledgeable of all aspects of the operation in order to assume overall responsibility in the absence of the Director.

Must be computer literate.

Must hold a Civil Engineering Degree and be a member of/or eligible to become a member of the Association of Professional Engineers of Nova Scotia.

Approved by Council:

I have read and understood this job description.
I have received a copy of this job description.

Signature: _____

Date: _____

Region of Queens Municipality

Position Guide and Job Description

Solid Waste Management Clerk

General Accountability

The Solid Waste Management Clerk is responsible to the Director of Engineering and Works for regulatory requirements and marketing requirements for Solid Waste Management and the education of the public in Solid Waste Management in the Region of Queens Municipality.

General Duties and Responsibilities

The following is a general outline of the duties and responsibilities of the Operations Solid Waste Management Clerk. The listing is not intended to be all inclusive or to limit the Solid Waste Management Clerk's initiative to expand his/her function beyond this scope nor is it intended to limit the Director of Engineering and Works right to assign other duties.

1. Responsible for accessing markets for metals and other goods and the coordination of sale of such materials as applicable.
2. Make arrangements for the sale and shipment, in a timely manner, of all recycled materials and negotiate the best price possible in order to maximize revenues.
3. Ensure all market opportunities for increased revenue are fully investigated and brought to the Director's attention.
4. Maintain an excellent working knowledge of all safety and solid waste rules, regulations and guidelines and issues affecting each.
5. Ensure the completion of all required environmental monitoring associated with Queens Solid Waste Facility.
6. Responsible for the preparation of all required Nova Scotia Department of Environment and Labour reports and submissions.
7. Responsible for ensuring that all regulatory licenses are in place for all components of the Solid Waste Management Facility.. This includes studies, filing and liaising with provincial departments as required.
8. Assist Bylaw Officer in the administration and discharge of the Region of Queens Municipality's Solid Waste By-Law.

9. Ensure that all Municipal Waste contractors are fulfilling their contractual terms and obligations.
10. This employee shall be the main contact and the direct liaison with the collection contractor to ensure ongoing effectiveness of curbside pick up.
11. Immediately report any problems or irregularities, relative to the delivery of any solid waste service, from any source, to the Director of Engineering and Works.
12. Arrange and coordinate curbside inspection of waste set out for delivery.
13. Monitor use of municipal grey boxes throughout the Region and take steps to clean up and/or ensure such are used properly.
14. Receive and respond to inquiries and questions from the Public on all matters related to solid waste issues.
15. Devise, schedule, deliver, monitor and evaluate diversion and education programs throughout the Region. Make recommendations to the Director of Engineering and Works for alterations to existing or initiation of new programs and implement as directed. Prepare yearly education and enforcement plans and evaluate progress and on a monthly basis. Ensure that all funding programs, applicable to Regional programs, are accessed.
16. Maintains good public relations in dealing with citizens, users of the solid waste facilities, suppliers, RRFB, wholesalers for recyclable material and all others including effective communication with stemming from public enquiries and complaints, recognizing he/she is a public servant and must use utmost respect at all times when dealing with the public and all customers.
17. Monitor and confirm compliance in the Joint Occupational Health and Safety program within the workplace.
18. Monitor, schedule activities and training, perform annual facility inspections, manual updates and participate in the Joint Occupational Health and Safety Program.
19. Assume responsibility for after hour emergency calls and pager duties as directed by the Director of Engineering and Works.
20. Carry out any and all duties and responsibilities that the Director of Engineering and Works shall see fit to assign or that shall arise from time to time.

Special Conditions

It is essential that the employee hold a valid drivers license.

Must be computer literate.

Approved by Council:

I have read and understood this job description.
I have received a copy of this job description.

Signature: _____

Date: _____