



## **FISHER ENGINEERING LTD.**

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40 Fairfield Road  
Lower Coverdale, New Brunswick E1J 0A2  
Phone: 506. 863. 1991  
Fax: 506. 862. 1180

March 29, 2016

File: CP002

Mr. David Maguire  
Manager, Sustainable Development,  
Planning & Impact Evaluation Branch  
Department of Environment  
20 McGloin Street  
PO Box 6000  
Fredericton, NB E3B 5H1

Attention: Mr. Maguire:

**EIA Project Registration: River East Estates New Production Well**

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Enclosed is the registration document for the above noted undertaking along with a cheque for the registration fee.

If you have any questions or require further details, please do not hesitate to contact the undersigned.

A handwritten signature in black ink that reads 'Michael Fisher'. The signature is written in a cursive style with a horizontal line underneath it.

Michael Fisher, P. Eng.

MJF

Enclosures

cc: Ms. Jenny Mailman, Capreit Apartments Inc.

# EIA Registration Parkside Estates Production Well Replacement

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# EIA Registration

## River East Estates New Production Well

Pursuant to Section 5(2) of  
The Environmental Impact Assessment Regulation 87-83  
Clean Environment Act

### 1 The Proponent

**Name:** Capreit Apartments Inc.

**Address:** 401-11 Church St., Toronto, ON M5S 1M2

**Senior Operations Manager:** Lisa Devan

**Principal Contact Person for Purposes of EIA:**

Jenny Mailman

Community & Operation Manager, Capreit Apartments Inc.

1 Cedarwood Ave., Moncton, NB E1H 2H4

(506) 857-9474 (p) (506) 857-8717 (f)

and

Michael Fisher, Fisher Engineering Ltd. (506) 863-1991.

**Property Ownership:** Same as Proponent

### 2 The Undertaking

**Name:** River East Estates New Production Well

**Project Overview:** River East Estates community is located in Riverview New Brunswick. The community is home to 109 mini home serviced lots. There are currently 79 occupied lots. The community is serviced with a private water system consisting of three groundwater source wells and a distribution network of infrastructure. The three wells are located on the subject property. The proponent is currently operating the water works within the community under the Certificate of Approval to Operate a Waterworks W-1119. The COA to operate was issued April 01, 2014. Currently fluoride levels in the raw water at one of the production wells exceed the Canadian Drinking Water Quality guidelines and the proponent has been required to provide a potential solution to the problem by the NBDELG. The straight forward approach is to install a commercial water treatment device for that well. However, they are expensive and in addition to the fluoride issue with this one well, the community's water operator Paul Robichaud has reported that the yield from this production well has decreased and if the community were to fill all of the existing vacant lots (30) they suspect that they will not have enough production yield. As a result, the proponent would like to drill a new well in the hopes that it is connected to a different aquifer vein with a higher yield and lower fluoride levels.

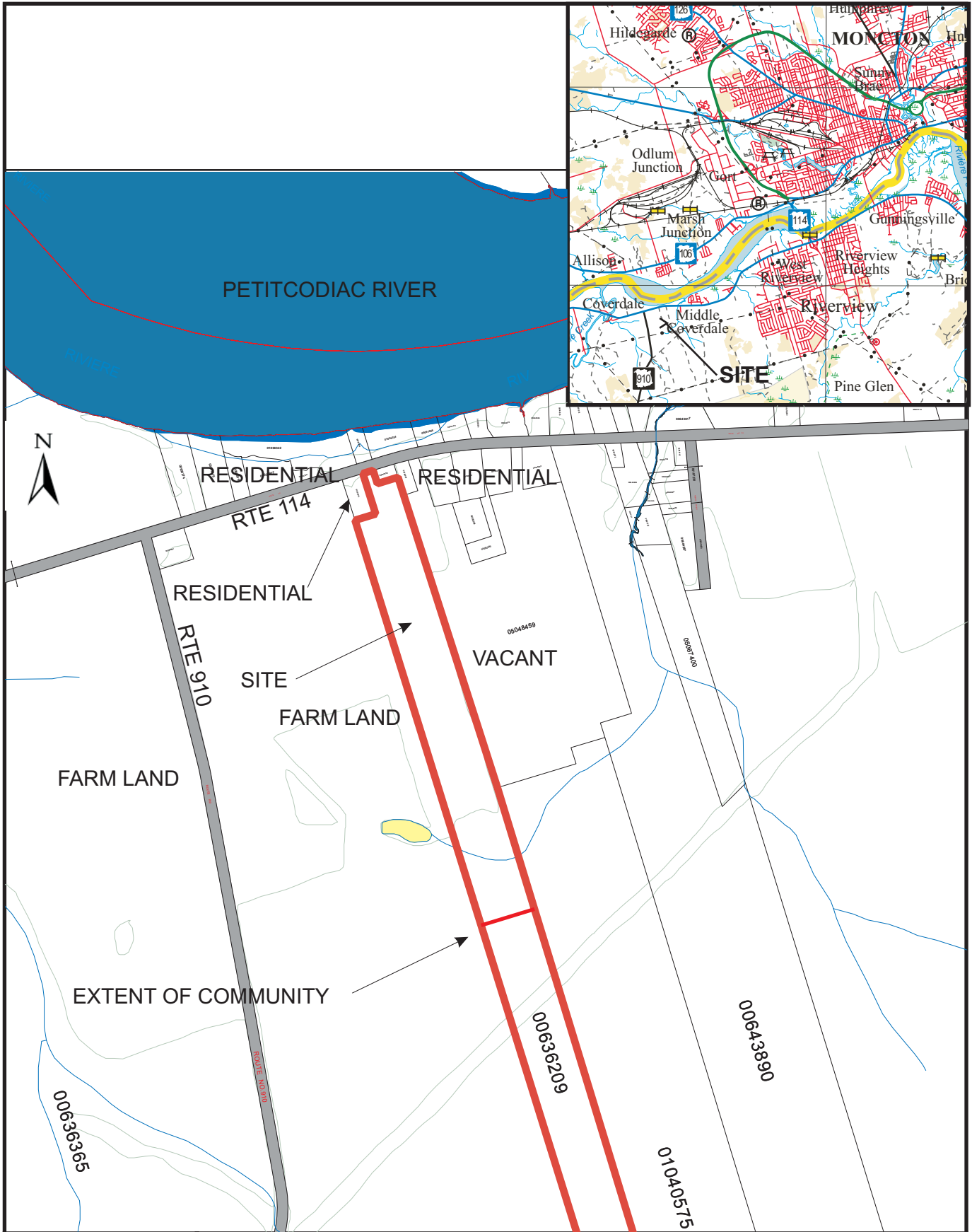
**Purpose/Rationale/Need:** The community would like to have a fourth well so that well#2 can be taken off line to be used as a back up well instead of one of the three main production wells. The fluoride levels in well # 2 consistently exceed the CDWQG and the yield has also been reduced. Details of the existing wells is presented in the attached WSSA application in Appendix C.

**Project Location:** The community is located approximately 700 m east of the Town Riverview Town limits and is on the south side of highway 114 in Riverview, NB (Figure 1, Figure 2 – Appendix A). The subject property is identified by Service New Brunswick as PID 00636209. The subject property is 44.13 hectares in area with the community only occupying the northern portion covering approximately 8.8hectares.

**Siting Considerations:** The project location was chosen because of the proximity to the existing infrastructure and after being identified by a colleague of Paul Robichaud who has experience locating water veins using divining rods. The site is easily accessible off River East Drive with no clearing or construction activities required to enable the drill rig to access the site.

The project site is not located within 30 metres of a wetland nor is the project located within Zone A or Zone B of a protected coastal area. The GeoNB mapping is shown in Appendix A.

**Physical Components and Dimensions of the Project:** A site location plan is presented in Figure 2. The first step will be to drill a new well. There were two proposed locations identified. The preferred location is near the southern end of the community. This will be the first well drilled. Following the completion of the drilling a preliminary flow test will be completed to determine if the yield is sufficient to warrant a long term pumping test. If the drillers estimated yield is greater than 10igpm a long term pumping test will be completed as per the WSSA guidelines.



Project: **EIA Registration  
River East Estates New Production Well  
Riverview, NB**

Drawing: **Site Location Plan  
scale: 1:10000 approx.**

Drawn By: **MJF**

Checked By: **MJF**

Date: **March 2016**

File No.: **CP00201**

Drawing No.: **Figure 1**

Revision No.: **0**

**Construction Details:**

There will be no clearing or road construction required to gain access to the proposed well site. The well driller will be able to drive directly to the site and begin drilling. The drilling activities should take one to two days.

**Operation and Maintenance Details:** The goal is to have a new production well that will produce a safe yield of greater than 10igpm. Because the anticipated yield will be greater than 50m<sup>3</sup>/ day the New Brunswick Department of Environment (NBDELG) require that a groundwater exploration program be completed, which will show that the surrounding aquifer can support the proposed pumping rate. The exploration program will follow the NBDELG Water Supply Assessment Guideline. The exploration program will consist of drilling one test well at the proposed location and performing a minimum of a 48 hr pump test. The pumping test data will be analyzed to determine the long-term sustainability of the aquifer. The pumping test will be conducted as outlined in the guideline and will be performed as soon as possible due to the current situation in the community. Additional information to support the previously submitted WSSA application to complete the hydrogeological assessment for this development is attached is Appendix C.

Once the new well has been identified, a new well house will be constructed adjacent to the well for the installation of the pressure tanks, and any necessary treatment equipment required. The exact treatment equipment will be determined following the collection of water samples during the hydraulic testing.

**Project Related Documents:** There is the Approval to Operate W-1119, issued April 1, 2014 and a contingency plan was provided by the proponent.

### 3 Description of the Existing Environment

#### Physical and Natural Features:

- Based on 1:50,000 scale mapping the surface elevation across the developed portion of the site is between 15m metres and 7.6m above mean sea level.
- The subject property is located within the drainage area of the Petiticodiac River which is located within 100m of the site. Surface water drainage across the majority of the Community is northward within road side ditches.
- Shallow groundwater flow across the property is expected to follow the local topography, which slopes toward the Petiticodiac River. Deeper groundwater likely flows in the same northerly direction toward the River. The area to the south that could potentially contribute groundwater to the study area is vacant and treed or farmland.
- The regional bedrock geology for the site has been mapped as late Carboniferous stratified rock belonging to the Pictou Group. The Pictou group is a subbasin of the Maritimes Carboniferous Basin. Mapping indicates that within this group the site falls within the Salisbury Formation, which consists mainly of mudstone, siltstone and fine-grained sandstone (Rivard et al. 2003).
- Surficial geology maps indicate that the area is underlain by late Wisconsinan age morainal sediments consisting of hummocky, ribbed and rolling ablation till some lodgement till, minor silt, sand, gravel, and boulders generally 0.5 to 3m thick (Rampton,1984).
- There are no municipal wells, municipal wellfields, or protected watersheds within 500 metres of the subject site. The City of Moncton's protected watershed for Turtle Creek Reservoir is located greater than 5km from the subject property. The existing residential lots located along Rte. 112 (Coverdale Road) are connected to the municipal water system.
- Within 2km of the proposed well location, there are less than 15 well reports available on the NBDELG well database. This is not surprising as previously reported the surrounding residential homes are connected to the municipal water system and the subject property is located within the Town of Riverview. It was reported that the previous owner undertook a feasibility study on connecting to the municipal water system. According to the operations manager, the results of that study indicted the costs for connections and potential distribution system upgrades were too high to warrant the connection feasible.
- The community has an on site sewage treatment facility that is located north of Rte 112. The treatment system is located approximately 850m north of the proposed drill site.

- There were no potential wetlands identified on the NB Department of Natural Resources (DNR) and GEONB mapping in the immediate vicinity of the new well location.

The following are some of the references and personnel that were contacted and used in order to gather information regarding the physical and natural features of the subject and surrounding properties.

1. Environment Canada Species at Risk website - <http://www.sararegistry.gc.ca>
2. COSEWIC. 2005. Canadian Species at Risk. Committee on the Status of Endangered Wildlife in Canada. Web site: <http://www.cosewic.gc.ca>
3. Canadian Wildlife Service website - <http://www.naturecanada.ca>
4. Department of Environment Government website – designated wellfields - <http://www.gnb.ca/0009/0371/0001/0003.html>, and protected watersheds - <http://www.gnb.ca/0009/0371/0004/0003.html>.

**Cultural Features:** There are no reported or observed cultural features on the subject site or adjacent properties.

**Existing and Historic Land Uses:** Historical information was obtained through a review of historical aerial photos (1945 through 2011). The community was started in the mid 1970, prior to the availability of municipal water along Rte. 112 in front of the property. Prior to the current mini home community, the area was vacant. The adjacent farm to the west is visible in all of the aerial photos. The residential properties along Rte. 112 were developed around the time as the mini home community.

In 2004 East Coast Holdings sold the subject property to Killam Investments. In 2013, the proponent purchased River East Estates from Killam Investments and as such inherited this private water system, which they have been operating ever since. The current water operator was a former employee of Killam who was there operator when they operated the system.



## 4 Summary of Environmental Impacts

The proposed drilling exploration work involved with a new production well for River East Estates will not require any clearing or construction activities to occur prior to drilling. As stated previously. The proposed drilling site is located within the community on the parent parcel PID 00636209. The proposed new well location is approximately 75m from the existing production well house #3. Surrounding properties are primarily vacant/farmland except along Rte. 112 where the lots are residentially developed with single family homes.

During the drilling activities there is a potential for an accidental release of hazardous materials such as fuels or lubricants from the drilling machine.

## 5 Summary of Proposed Mitigation

The potential environmental impacts listed in Section 4 are discussed further below along with any proposed mitigation.

1. Accidental release of hazardous materials: In order to minimize the risk of a release of hazardous materials the following best management practices will be employed during any onsite work.
  - No refuelling of equipment will take place on site.
  - Except for fuel tanks, petroleum products will not be stored onsite.
  - Any required maintenance work would be performed offsite.

Any spills or leaks from machinery will be promptly contained and cleaned up. Actions may involve ditching, blocking drainage pathways, and using absorbent materials. In addition, any spills or leaks will be reported to the 24-hour environmental emergencies reporting system (1-800-565-1633) and to the NBDOE Regional Office in Moncton (506-856-2374).

## 6 Public Involvement

The following stakeholders will be contacted directly via a letter in order to obtain input on the project:

- Elected officials, Town or Riverview, and residents bordering the community.

The letter will outline the scope of the project and will include a schematic of the development. Contact information for any comments will also be provided. The public will be given thirty days to provide comments. Once the comments have been received, a report will be prepared regarding the public's input. The report will be submitted within sixty days of project registration.

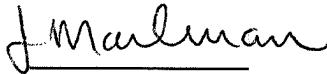
## 7 Approval of the Undertaking

Approval will be required from the New Brunswick Department of Environment. As per condition C 2. of the COA, start-up of a new private water drinking water source cannot be undertaken until approval is received from the director.

## 8 Funding

No applications for a grant or loan of capital funds from a government agency have or will be submitted. Capreit Apartments Inc. will be funding the project.

## 9 Signature

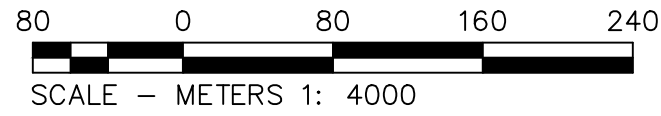


Jenny Mailman (Community & Operations Manager)

March 23<sup>rd</sup> 2016  
Date

## **APPENDIX A**

### **FIGURES**



FARMERS FIELD  
PID 00636365

MUNICIPAL WATER  
INFRASTRUCTURE  
AVAILABLE ALONG  
RTE. 112

PROPOSED  
DRILL SITE  
OPTION 1

PROPOSED  
DRILL SITE  
OPTION 2

TREE LINE

WELL HOUSE #3

WELL HOUSE #2

WELL HOUSE #1

VACANT LOT  
PID 01040575

VACANT LOT  
PID 05048459

05067400

00644567

RIVER

LITCODIAC

Project:

**RIVER EAST  
ESTATES NEW  
PRODUCTION WELL**

Drawing:

**SITE PLAN  
SHOWING PROPOSED  
DRILL LOCATIONS**

Project No.:

CP002

Drawing No.:

FIGURE #2

Revision No.:

0

Scale:

1 - 4000

Drawn By:

ACB

Checked By:

MJF

Date:

03/28/16



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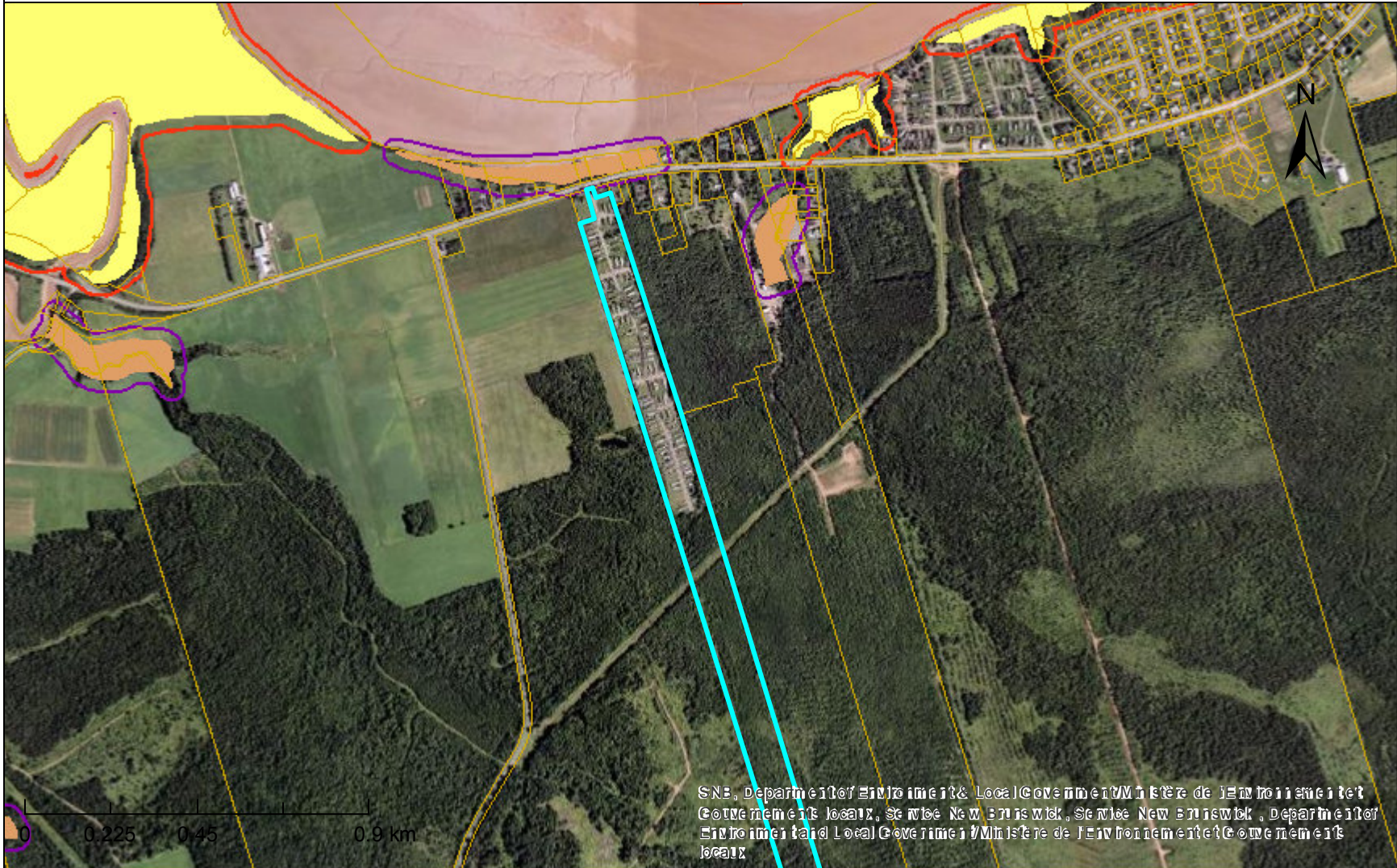
FISHER ENGINEERING LTD.

P.O. BOX 2663  
Moncton, New Brunswick  
E1C 8N6

Notes:

- Base plan provided by proponent.
- Lots represented by rectangles.
- Existing production wells are located within the well houses.

# Aerial Photo of Subject Property



**Scale/Échelle: 1:16,000**

**Date: 3/4/2016**

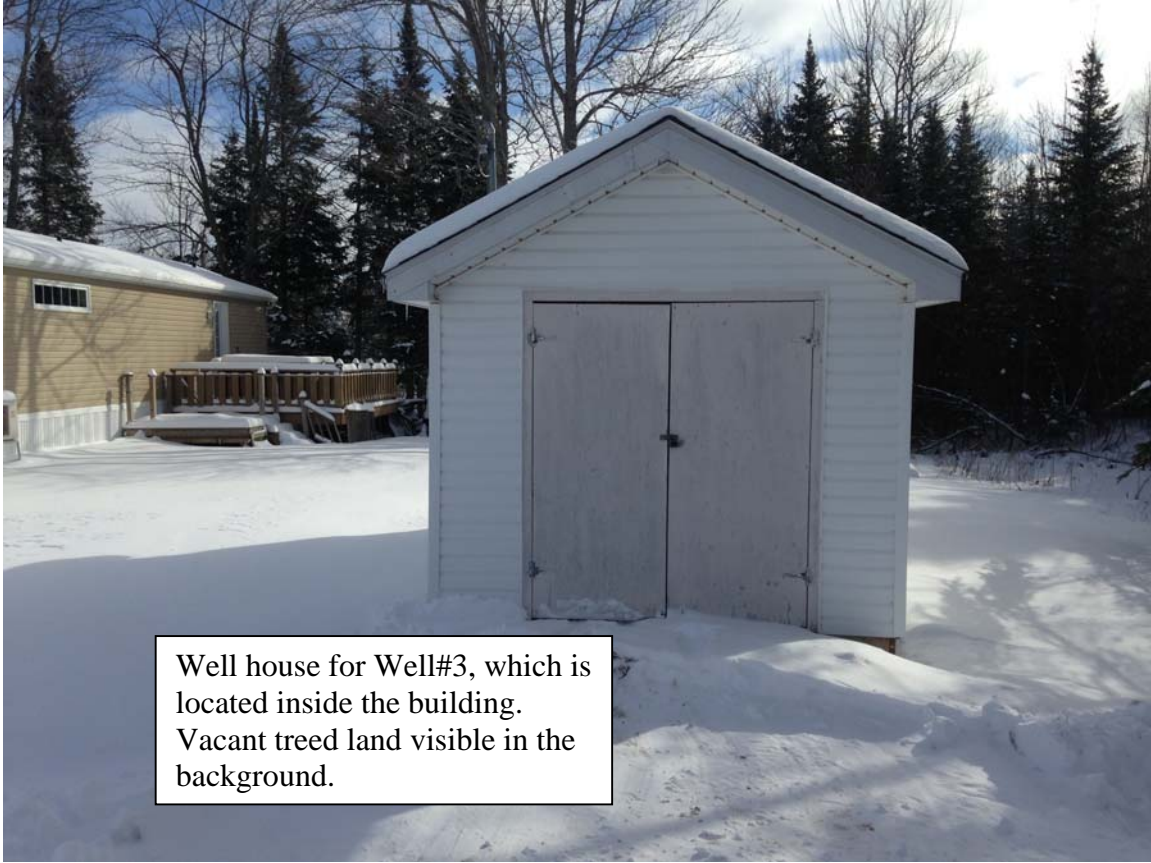
**Printed by/Imprimé par: PID 00636209**

While this map may not be free from error or omission, care has been taken to ensure the best possible quality. This map is a graphical representation of natural and man made features which approximates the size, configuration and location of the features. This map is not intended to be used for legal descriptions or to calculate exact dimensions or area. SNB makes no representations or warranties, either expressed or implied, as to the accuracy of the information and the client assumes the entire risk as to the use of any or all information.

Même si cette carte n'est peut-être pas libre de toute erreur ou omission, toutes les précautions ont été prises pour en assurer la meilleure qualité possible. Cette carte est une représentation graphique d'éléments naturels ou artificiels et donne seulement une approximation de la taille, de la configuration et de l'endroit de ces éléments. Elle n'a pas pour but d'être utilisée pour les descriptions juridiques ou le calcul des dimensions ou de la superficie exacte. SNB n'offre aucune garantie explicite ou implicite quant à l'exactitude de l'information présentée; les clients acceptent pleinement les risques liés à l'utilisation d'une partie ou de l'ensemble de cette information.

## **APPENDIX B**

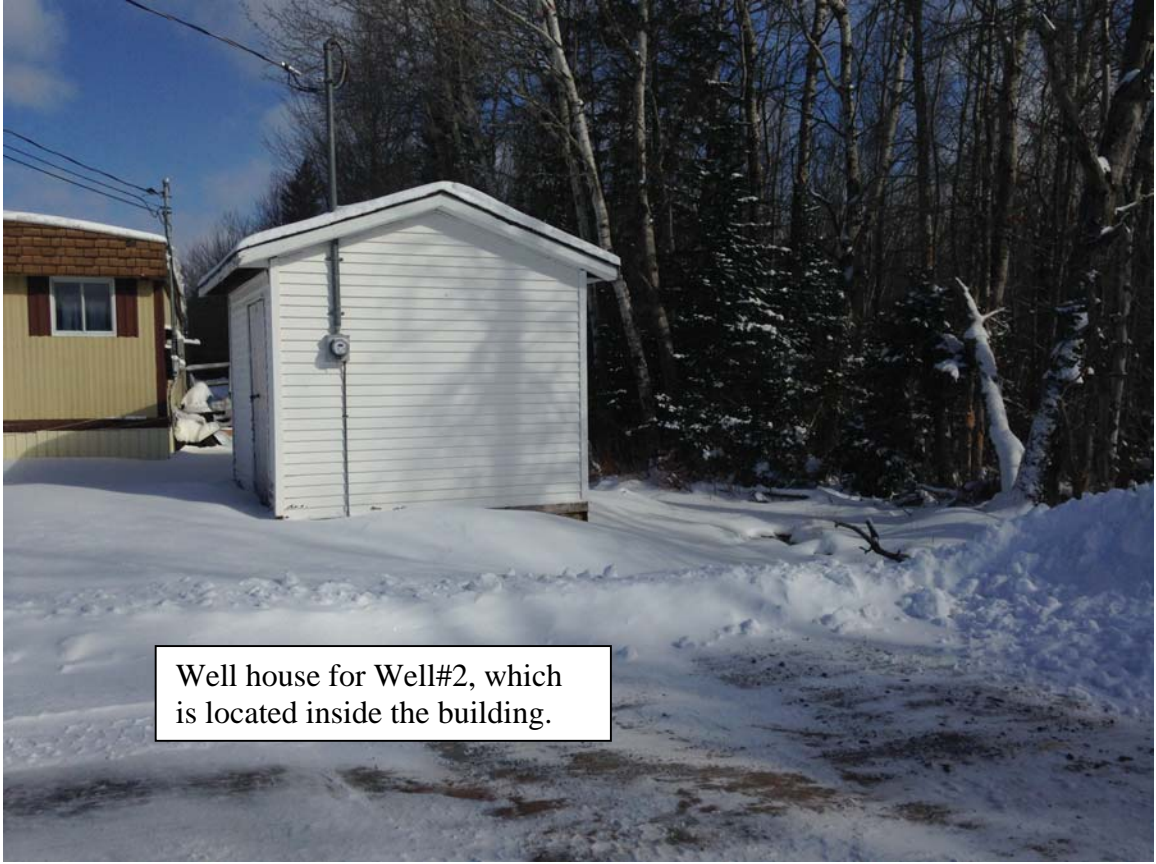
### **SITE PHOTOS AND SUPPORTING INFORMATION**



Well house for Well#3, which is located inside the building. Vacant treed land visible in the background.



Proposed drill location Option 1, located between the two existing homes within 100m of well #3.



Well house for Well#2, which is located inside the building.



Existing farmers field located west of the mini home community.



**APPENDIX C**  
**WSSA APPLICATION**

**Water Supply Source Assessment  
Initial Application  
River East Estates New Production Well Riverview, NB**

**Pursuant to Section 3(5) of  
The Water Quality Regulation 82-126  
Clean Environment Act**

**Please answer the following questions:**

**1) Name of proponent:** Capreit Apartments Inc.

**2) The proposed water supply is to be used for what purpose?**

A new production well is required to replace the existing production Well #2 for the residential community.

**3) Required water quantity (in m<sup>3</sup>/day):**

Flow measurements from the community over the last two years were provided by the proponent. Monthly totals range from 1970 m<sup>3</sup> to 915m<sup>3</sup>. The wide range is evident of the residents turning the water on in the winter months to prevent pipes freezing in the older homes. Two thirds of the monthly park water demand is currently being meet by Well #1.

There are 109 lots within the community, with only 79 currently occupied. Assuming that the majority of the water consumption occurs over an 8hrs period, the estimated peak flow for the community is 30igpm (based on the highest monthly total). This is reasonable considering well #1 is being pumped at 20igpm according to the water operator.

The monthly water withdrawal rate from Well#2 is between 560m<sup>3</sup> and 80m<sup>3</sup>, (18m<sup>3</sup>-1.33m<sup>3</sup>/day)

The existing distribution system is interconnected with each well operating on pressure demand. There are pressure tanks in the three well houses, which assist during peak flow demand. Distribution piping ranges from 4" to 1 ½", decreasing as you move south away from Rte. 112.

**4) List alternate water supply sources in area (including municipal systems):**

The surrounding areas primarily rely on the municipal water supply from the Town of Riverview. The municipal supply is located within the ROW of Rte. 112 adjacent to the subject property. It was reported that the previous owner undertook a feasibility study on connecting to the municipal water system. According to the operations manager, the results of that study indicted the costs for connections including a water vault and meter were too high to warrant the connection feasible.

## 5) Outline proposed work schedule:

The first step will be to drill a new well. The proponent has already identified two proposed drilling locations, with the first option being located in close proximity to the current well house for Well #3. The location was selected by a colleague of Paul Robichaud who has experience locating water using divining rods. Following the completion of the drilling a preliminary flow test will be completed to determine if the yield is sufficient to warrant a long term pumping test. In addition, a water sample will be collected and analyzed for fluoride to provide a preliminary indication of the quality. If the drillers estimated yield is greater than 10igpm and the fluoride levels meet the drinking water quality guidelines a long term pumping test will be completed as per the WSSA guidelines.

The pump test will be performed in the summer months when minimal recharge conditions are expected. In addition, hydraulic testing will not be completed within 5 days of a significant rainfall event. The intent is to pump the new test well and monitor the response in the existing production well (Well #3). The water operator has indicated that well #3 could be shut off for a week to conduct the necessary hydraulic testing. Residents will be informed of the dates so that they can implement some water saving methods during that period. A step-test (three 0.5 hour steps) will be completed at the beginning of the long-term test (min 48hrs) to determine the optimum pumping rate. Reporting will be completed once the long-term pumping test is performed.

## 6) Discuss area hydrogeology as it relates to the project requirements:

The regional bedrock geology for the site has been mapped as late Carboniferous stratified rock belonging to the Pictou Group. The Pictou group is a subbasin of the Maritimes Carboniferous Basin. Mapping indicates that within this group the site falls within the Salisbury Formation, which consists mainly of mudstone, siltstone and fine-grained sandstone (Rivard et al. 2003).

Available domestic well logs from within a 2km radius of the site (13 available) are summarized in the attached Table 1. Well yields range from 4 to 30 igpm with a median yield of 10 igpm. Well depths range from 55ft to 185ft with a median depth of 100ft.

Information on the three existing production wells was provided by the proponent and are summarized below.

Well #1 – 200' deep with 6" casing and 1½ hp pump set at 180'. Drillers Estimated safe yield is 20igpm. Based on flow data this well pumps monthly totals ranging from 600m<sup>3</sup> to 1200m<sup>3</sup>.

Well #2 – 300' deep with 6" casing and 1 ½ hp pump set at 220'. Drillers estimated safe yield of 15igpm. Based on flow data this well pumps monthly totals ranging from 80m<sup>3</sup> to 260m<sup>3</sup>. The operator does not pump this well that often due to the elevated fluoride in the raw water from this well.

Well #3 – 425' deep with 80' of 6" casing and ¾ hp pump set at 75'. Drillers estimated safe yield of 12igpm. Based on flow data this well pumps monthly totals ranging from 150m<sup>3</sup> to 790m<sup>3</sup>.

- 7) Identify any existing pollution or contamination hazards within a (minimum) 500 m radius of the proposed drill targets. If groundwater use problems (quantity or quality) have occurred in the past, then these should be identified. Historical land use that might pose a contamination hazard (i.e. tannery, industrial, disposal, etc.) should also be flagged:**

Within 500metres of the proposed drill target there are no groundwater users besides the three production wells within River East Estates. The nearest production well (Well #3) is located 75m from the drill target. There do not appear to be any potential sources of contamination on adjacent properties that would be considered up gradient from the site. The surrounding homes have electric heat with no petroleum storage tanks observed. There are no septic systems located in the community as the mini homes are connected to the central sewage system for the park, which is located north of Rte. 112. The nearest residential septic systems are also located along Rte. 112 over 500m from the drill site(s).

Water quality in the area overall is generally good. All analyzed parameters from the water sample results provided by the proponent for the production wells within the community meet the Canadian Drinking water quality guideline with the exception of fluoride and manganese levels. Fluoride levels are consistently higher than 2mg/L in well#2 and as a result it is an identified sampling parameter in schedule B of the COA. Slightly elevated levels of manganese are present in well#2 and well #3. Copies of the inorganic results from 2014 are attached.

Groundwater samples will be collected during the pumping test and analyzed for the potable water package as recommended in the WSSA guideline.

- 8) Identify any watercourse(s) (stream, brook, river, wetland, etc.) within 30 m of the proposed drill targets.**

There are no watercourses or potential wetlands within 30 m of the proposed drill sites.

- 9) Identify site supervisory personnel involved in the source development (municipal officials, consultants and drillers):**

The source development consultant is Fisher Engineering Ltd. The proponent has not retained the services of a drilling contractor yet. Any drilling contractor will be required to be fully licenced with the province.

- 10) Attach a 1:10000 map and/or recent air photo clearly identifying the following:**
- **proposed drill targets**
  - **domestic or production wells within a 500 m radius from the drill target**
  - **any potential hazards identified in question 7**

Refer to the attached Figure 1.

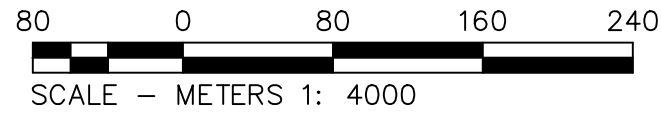
- 11) Attach a land use / zoning map of the area (if any). Superimpose drill targets on this map.**

The proposed development falls within the Town of Riverview. The subject property where the new well is proposed is zoned Manufactured Dwelling (MD), which permits single family and manufactured dwelling.

Table 1 Well Log Summary 2km Radius for PID 00636209

Well Report	Well	Casing	Rock	Yield	Rock Type
	Depths (ft)			igpm	
7114	185	45	40	20	Sandstone
7830	80		65	15	Sandstone
9834	82	18	16	12	Shale
12532	176	53	25	4.5	Shale
14658	100	37	30	7	Sandstone
17242	180	36	32	4	Sandstone
17903	80	30	30	8	Sandstone
31013	103	73	73	30	Sandstone
90169400	55	20	10	20	Sandstone
90180800	145	60	20	8.2	Shale
90381900	65	60	30	10	Sandstone
92064200	82	36	20	20	Shale
92064200	124	39	30	8	Shale

Max	185	73	73	30
Min	55	18	10	4
Average	112	42	32	13
Median	100	38	30	10



FARMERS FIELD  
PID 00636365

MUNICIPAL WATER  
INFRASTRUCTURE  
AVAILABLE ALONG  
RTE. 112

PROPOSED  
DRILL SITE  
OPTION 1

PROPOSED  
DRILL SITE  
OPTION 2

TREE LINE

WELL HOUSE #3

WELL HOUSE #2

WELL HOUSE #1

VACANT LOT  
PID 01040575

VACANT LOT  
PID 05048459

05067400

00644567

RIVER

LITCODIAC

Project:

**RIVER EAST  
ESTATES NEW  
PRODUCTION WELL**

Drawing:

**SITE PLAN  
SHOWING PROPOSED  
DRILL LOCATIONS**

Project No.:

CP002

Drawing No.:

FIGURE #2

Revision No.:

0

Scale:

1 - 4000

Drawn By:

ACB

Checked By:

MJF

Date:

03/28/16



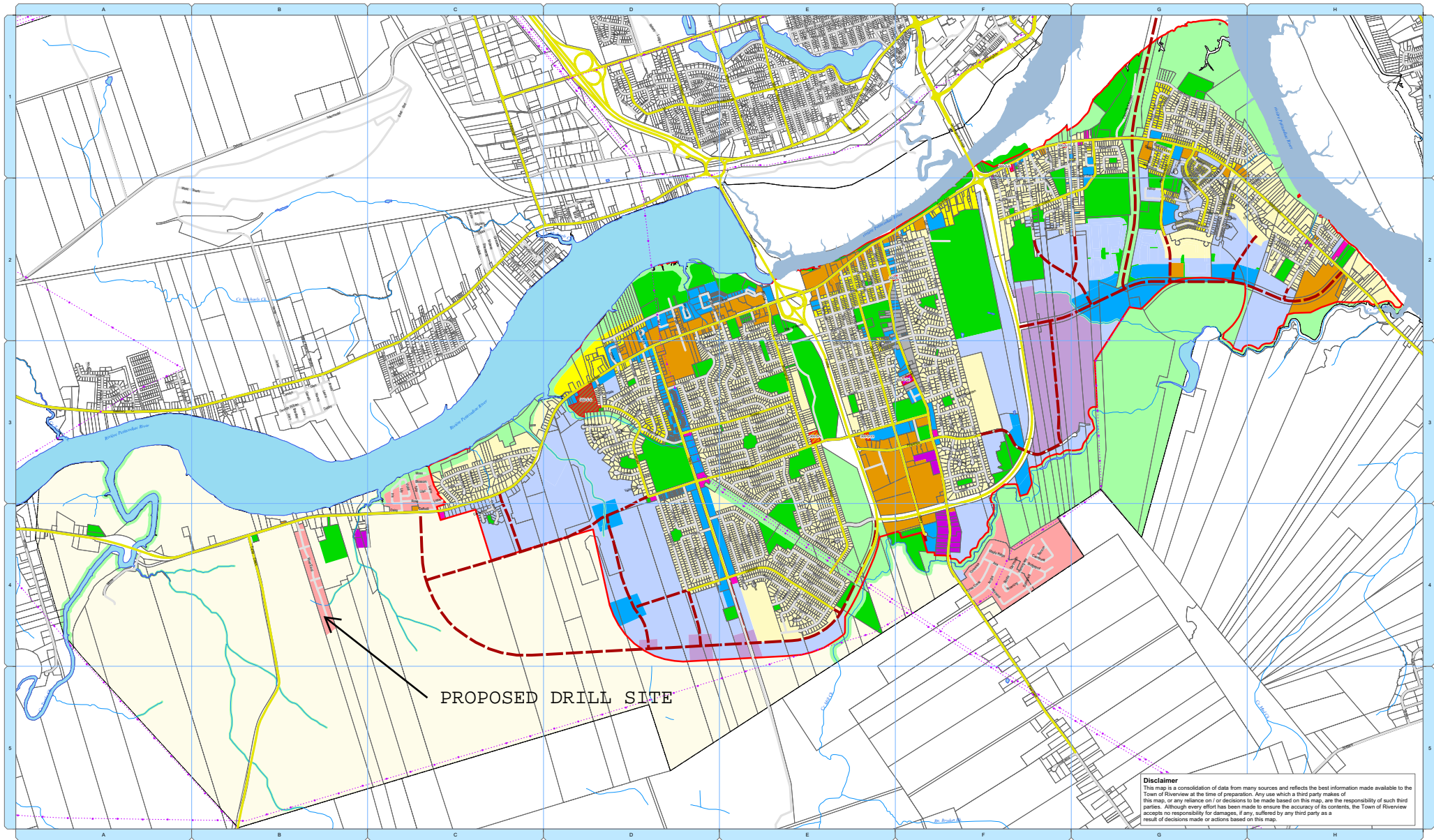
**FISHER**  
ENGINEERING LTD.

FISHER ENGINEERING LTD.

P.O. BOX 2663  
Moncton, New Brunswick  
E1C 8N6

Notes:

- Base plan provided by proponent.
- Lots represented by rectangles.
- Existing production wells are located within the well houses.



**Disclaimer**  
 This map is a consolidation of data from many sources and reflects the best information made available to the Town of Riverview at the time of preparation. Any use which a third party makes of this map, or any reliance on / or decisions to be made based on this map, are the responsibility of such third parties. Although every effort has been made to ensure the accuracy of its contents, the Town of Riverview accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this map.

Legend		
R1 Single Unit Dwelling	MD Manufactured Dwelling	I Industrial
R2 Two Unit Dwelling	SC Suburban Commercial	PRI Parks, Recreation, Institutional
R3 Multiple Unit Dwelling	RBS Residential Business Service	OS Open Space & Conservation
RM Residential Mix	CM Commercial Mix	ID Integrated Development
RA Rural Area	NC Neighborhood Commercial	Conditional Zoning Agreements
	Urban Growth Boundary	Future Collector or Arterial

**Schedule A**  
**Town of Riverview**  
**Zoning Map**  
 Dated September 9, 2013; By-Law No. 300-6

**Zoning Amendments**

1:14,000

Report ID: 177086-IAS  
Report Date: 16-Sep-14  
Date Received: 08-Sep-14

### CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1



921 College Hill Rd  
Fredericton NB  
Canada E3B 6Z9  
Tel: 506.452.1212  
Fax: 506.452.0594  
www.rpc.ca

Attention: Jenny Mailman  
Project #: Not Available  
Location: RE/W~~1~~  
Analysis of Water

RPC Sample ID:					177086-1
Client Sample ID:					Well #1 RW
Date Sampled:					8-Sep-14
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	1.76

This report relates only to the sample(s) and information provided to the laboratory.  
RL = Reporting Limit; MAC = Maximum Acceptable Concentration; AO = Aesthetic Objective  
Guidelines are from Guidelines for Canadian Drinking Water Quality (August 2012).

A. Ross Kean, M.Sc.  
Department Head  
Inorganic Analytical Chemistry

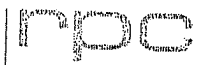
Peter Crowhurst, B.Sc., C.Chem  
Analytical Chemist  
Inorganic Analytical Chemistry



Report ID: 177086-IAS  
Report Date: 16-Sep-14  
Date Received: 08-Sep-14

### CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1



921 College Hill Rd  
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Canada E3B 6Z9  
Tel: 506.452.1212  
Fax: 506.452.0594  
www.rpc.ca

Attention: Jenny Mailman  
Project #: Not Available  
Location: RE/~~ME~~

#### Analysis of Water

RPC Sample ID:					177086-2
Client Sample ID:					Well #2 RW
Date Sampled:					8-Sep-14
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	1.83

This report relates only to the sample(s) and information provided to the laboratory.

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Guidelines are from Guidelines for Canadian Drinking Water Quality (August 2012).

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Attention: Jenny Mailman  
Project #: Not Available  
Location: RE/W~~E~~  
Analysis of Water

RPC Sample ID:					177086-3
Client Sample ID:					Well #3 RW
Date Sampled:					8-Sep-14
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	0.73

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Report ID: 177086-IAS  
Report Date: 16-Sep-14  
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www.rpc.ca

Attention: Jenny Mailman  
Project #: Not Available  
Location: RE/W~~W~~

#### Analysis of Water

RPC Sample ID:					177086-6
Client Sample ID:					68 RE Floride
Date Sampled:					8-Sep-14
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	2.0

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Report ID: 177086-IAS  
Report Date: 16-Sep-14  
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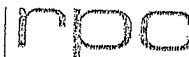
Methods

<u>Analyte</u>	<u>RPC SOP #</u>	<u>Method Reference</u>	<u>Method Principle</u>
Fluoride	4.M30	APHA 4500-F- D	SPADNS Colourimetry

Report ID: 171695-IAS  
Report Date: 17-Jun-14  
Date Received: 03-Jun-14

# CERTIFICATE OF ANALYSIS

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Attention: Jenny Mailman  
Project #: ~~WHITE FROST~~/ RIVER EAST  
Location: ~~WF~~/RE  
Analysis of Water

RPC Sample ID:					171695-1
Client Sample ID:					Well # 1 RW
Date Sampled:					3-Jun-14
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	1.58
Nitrate + Nitrite (as N)	mg/L	0.05	10	-	< 0.05
Turbidity	NTU	0.1	-	-	< 0.1

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Guidelines are from Guidelines for Canadian Drinking Water Quality (August 2012).

A. Ross Kean, M.Sc.  
Department Head  
Inorganic Analytical Chemistry

Peter Crowhurst, B.Sc., C.Chem  
Analytical Chemist  
Inorganic Analytical Chemistry

Report ID: 171695-IAS  
Report Date: 17-Jun-14  
Date Received: 03-Jun-14

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Attention: Jenny Mailman  
Project #: ~~WHITE FROST~~ RIVER EAST

Location: ~~WF~~/RE

#### Analysis of Water

RPC Sample ID:					171695-2
Client Sample ID:					Well # 2 RW
Date Sampled:					3-Jun-14
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	2.1
Nitrate + Nitrite (as N)	mg/L	0.05	10	-	< 0.05
Turbidity	NTU	0.1	-	-	0.2

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Report ID: 171695-IAS  
 Report Date: 17-Jun-14  
 Date Received: 03-Jun-14

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Attention: Jenny Mailman  
 Project #: ~~WHITE FROST~~/ RIVER EAST  
 Location: ~~WF~~/RE  
 Analysis of Water

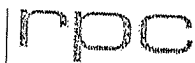
RPC Sample ID:					171695-3
Client Sample ID:					Well # 3 RW
Date Sampled:					3-Jun-14
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	1.01
Nitrate + Nitrite (as N)	mg/L	0.05	10	-	< 0.05
Turbidity	NTU	0.1	-	-	0.7

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Report ID: 171695-IAS  
 Report Date: 17-Jun-14  
 Date Received: 03-Jun-14

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 www.rpc.ca

Attention: Jenny Mailman  
 Project #: ~~WHITE FROST~~/ RIVER EAST  
 Location: ~~WF~~/RE

#### Analysis of Metals in Water

RPC Sample ID:					171695-1
Client Sample ID:					Well # 1 RW
Date Sampled:					3-Jun-14
Analytes	Units	RL	MAC	AO	
Aluminum	µg/L	1	-	-	3
Antimony	µg/L	0.1	6	-	< 0.1
Arsenic	µg/L	1	10	-	< 1
Barium	µg/L	1	1000	-	47
Boron	µg/L	1	5000	-	50
Cadmium	µg/L	0.01	5	-	< 0.01
Chromium	µg/L	1	50	-	< 1
Copper	µg/L	1	-	1000	< 1
Iron	µg/L	20	-	300	< 20
Lead	µg/L	0.1	10	-	1.1
Manganese	µg/L	1	-	50	13
Mercury	µg/L	0.025	1	-	< 0.025
Selenium	µg/L	1	10	-	< 1
Thallium	µg/L	0.1	-	-	< 0.1
Uranium	µg/L	0.1	20	-	1.1



Report ID: 171695-IAS  
 Report Date: 17-Jun-14  
 Date Received: 03-Jun-14

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Attention: Jenny Mailman  
 Project #: ~~WHITE FROST~~ / RIVER EAST  
 Location: ~~WF~~ / RE

#### Analysis of Metals in Water

RPC Sample ID:					171695-2
Client Sample ID:					Well # 2 RW
Date Sampled:					3-Jun-14
Analytes	Units	RL	MAC	AO	
Aluminum	µg/L	1	-	-	4
Antimony	µg/L	0.1	6	-	< 0.1
Arsenic	µg/L	1	10	-	< 1
Barium	µg/L	1	1000	-	20
Boron	µg/L	1	5000	-	64
Cadmium	µg/L	0.01	5	-	0.03
Chromium	µg/L	1	50	-	< 1
Copper	µg/L	1	-	1000	3
Iron	µg/L	20	-	300	< 20
Lead	µg/L	0.1	10	-	0.3
Manganese	µg/L	1	-	50	69
Mercury	µg/L	0.025	1	-	< 0.025
Selenium	µg/L	1	10	-	< 1
Thallium	µg/L	0.1	-	-	< 0.1
Uranium	µg/L	0.1	20	-	1.1

Report ID: 171695-IAS  
 Report Date: 17-Jun-14  
 Date Received: 03-Jun-14

**CERTIFICATE OF ANALYSIS**  
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Attention: Jenny Mailman  
 Project #: ~~WHITE CROSS~~ RIVER EAST  
 Location: WF/RE

**Analysis of Metals in Water**

RPC Sample ID:					171695-3
Client Sample ID:					Well # 3 RW
Date Sampled:					3-Jun-14
Analytes	Units	RL	MAC	AO	
Aluminum	µg/L	1	-	-	3
Antimony	µg/L	0.1	6	-	< 0.1
Arsenic	µg/L	1	10	-	< 1
Barium	µg/L	1	1000	-	164
Boron	µg/L	1	5000	-	32
Cadmium	µg/L	0.01	5	-	0.01
Chromium	µg/L	1	50	-	< 1
Copper	µg/L	1	-	1000	3
Iron	µg/L	20	-	300	30
Lead	µg/L	0.1	10	-	0.5
Manganese	µg/L	1	-	50	136
Mercury	µg/L	0.025	1	-	< 0.025
Selenium	µg/L	1	10	-	< 1
Thallium	µg/L	0.1	-	-	< 0.1
Uranium	µg/L	0.1	20	-	0.9

Report ID: 171695-IAS  
Report Date: 17-Jun-14  
Date Received: 03-Jun-14

# CERTIFICATE OF ANALYSIS

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## Methods

<u>Analyte</u>	<u>RPC SOP #</u>	<u>Method Reference</u>	<u>Method Principle</u>
Fluoride	4.M30	APHA 4500-F- D	SPADNS Colourimetry
Nitrate + Nitrite (as N)	4.M48	APHA 4500-NO <sub>3</sub> H	Hydrazine Red., Derivitization, Colourimetry
Turbidity	4.M06	APHA 2130 B	Nephelometry
Trace Metals	4.M01/4.M29	EPA 200.8/EPA 200.7	ICP-MS/ICP-ES
Mercury	4.M52	EPA 245.1	Cold Vapor AAS

Report ID: 136651-IAS  
Report Date: 25-May-12  
Date Received: 23-May-12

### CERTIFICATE OF ANALYSIS

for  
Killam Properties Inc  
1111 Main Street, Suite 207  
Moncton, NB E1C 1H3

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Fredericton NB  
Canada E3B 6Z9  
Tel: 506.452.1212  
Fax: 506.452.0594  
www.rpc.ca

FAXED MAY 25 2012

Attention: Julie Smith

**Project #: RE**

Location: RE

#### Analysis of Water

RPC Sample ID:					136651-2
Client Sample ID:					Well #2 RW
Date Sampled:					23-May-12
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	2.1

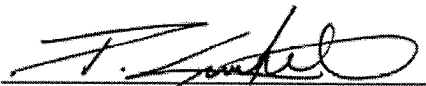
This report relates only to the sample(s) and information provided to the laboratory.

**RL = Reporting Limit; MAC = Maximum Acceptable Concentration; AO = Aesthetic Objective**

Guidelines are from Guidelines for Canadian Drinking Water Quality (Dec 2010).

  
\_\_\_\_\_

A. Ross Kean, M.Sc.  
Department Head  
Inorganic Analytical Chemistry

  
\_\_\_\_\_

Peter Crowhurst, B.Sc., C.Chem  
Analytical Chemist  
Inorganic Analytical Chemistry

**WATER CHEMISTRY**

Page 1 of 2

Report ID: 136651-IAS  
Report Date: 25-May-12  
Date Received: 23-May-12

### CERTIFICATE OF ANALYSIS

for  
Killam Properties Inc  
1111 Main Street, Suite 207  
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Tel: 506.452.1212  
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FAXED MAY 25 2012

#### Methods

<u>Analyte</u>	<u>RPC SOP #</u>	<u>Method Reference</u>	<u>Method Principle</u>
Fluoride	4.M30	APHA 4500-F- D	SPADNS Colourimetry

Report ID: 115899-5-IAS  
Report Date: 14-Mar-11  
Date Received: 01-Mar-11

### CERTIFICATE OF ANALYSIS

for  
Killam Properties  
1111 Main Street, Suite 207  
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Tel: 506.452.1212  
Fax: 506.452.0594  
www.rpc.ca

Attention: Julie Smith  
**Project #: RIVER EAST**

#### Analysis of Water

RPC Sample ID:					115899-5
Client Sample ID:					70 RE
Date Sampled:					1-Mar-11
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	2.0

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Guidelines are from Guidelines for Canadian Drinking Water Quality (Dec 2010).



A. Ross Kean, M.Sc.  
Department Head  
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**WATER CHEMISTRY**  
Page 1 of 2



Peter Crowhurst, B.Sc., C.Chem  
Analytical Chemist  
Inorganic Analytical Chemistry

Report ID: 115899-5-IAS  
Report Date: 14-Mar-11  
Date Received: 01-Mar-11

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**Methods**

<u>Analyte</u>	<u>RPC SOP #</u>	<u>Method Reference</u>	<u>Method Principle</u>
Fluoride	4.M30	APHA 4500-F- D	SPADNS Colourimetry

Report ID: 137986-IAS  
Report Date: 27-Jun-12  
Date Received: 18-Jun-12

### CERTIFICATE OF ANALYSIS

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www.rpc.ca

Attention: Julie Smith

Project #: RE

Location: RE

*Fluoride*

#### Analysis of Water

RPC Sample ID:					137986-1
Client Sample ID:					Fluoride House #70
Date Sampled:					18-Jun-12
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	2.1

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*Ross Kean*

A. Ross Kean, M.Sc.  
Department Head  
Inorganic Analytical Chemistry

**WATER CHEMISTRY**

Page 1 of 3

*Peter Crowhurst*

Peter Crowhurst, B.Sc., C.Chem  
Analytical Chemist  
Inorganic Analytical Chemistry



Report ID: 137986-IAS  
Report Date: 27-Jun-12  
Date Received: 18-Jun-12

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Attention: Julie Smith

**Project #: RE**

Location: RE

#### Analysis of Water

RPC Sample ID:					137986-2
Client Sample ID:					Fluoride House #49
Date Sampled:					18-Jun-12
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	1.54

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Report ID: 137986-IAS  
Report Date: 27-Jun-12  
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#### Methods

<u>Analyte</u>	<u>RPC SOP #</u>	<u>Method Reference</u>	<u>Method Principle</u>
Fluoride	4.M30	APHA 4500-F- D	SPADNS Colourimetry

Report ID: 137267-IAS  
Report Date: 13-Jun-12  
Date Received: 05-Jun-12

### CERTIFICATE OF ANALYSIS

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Attention: Julie Smith  
**Project #: RIVER EAST**  
Location: RE

*Inorganics*

#### Analysis of Water

RPC Sample ID:					137267-1
Client Sample ID:					RW Well #1
Date Sampled:					5-Jun-12
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	1.52
Nitrate + Nitrite (as N)	mg/L	0.05	10	-	< 0.05
Turbidity	NTU	0.1	-	-	0.3

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FAXED JUN 12 2012

*Ross Kean*

A. Ross Kean, M.Sc.  
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Inorganic Analytical Chemistry

**WATER CHEMISTRY**  
Page 1 of 7

*Peter Crowhurst*

Peter Crowhurst, B.Sc., C.Chem  
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Inorganic Analytical Chemistry

Report ID: 137267-IAS  
Report Date: 13-Jun-12  
Date Received: 05-Jun-12

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Attention: Julie Smith  
**Project #: RIVER EAST**  
Location: RE

#### Analysis of Water

RPC Sample ID:					137267-2
Client Sample ID:					RW Well #2
Date Sampled:					5-Jun-12
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	2.2
Nitrate + Nitrite (as N)	mg/L	0.05	10	-	< 0.05
Turbidity	NTU	0.1	-	-	0.4

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Report ID: 137267-IAS  
Report Date: 13-Jun-12  
Date Received: 05-Jun-12

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Attention: Julie Smith  
**Project #: RIVER EAST**  
Location: RE

#### Analysis of Water

RPC Sample ID:					137267-3
Client Sample ID:					RW Well #3
Date Sampled:					5-Jun-12
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	0.87
Nitrate + Nitrite (as N)	mg/L	0.05	10	-	< 0.05
Turbidity	NTU	0.1	-	-	0.8

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Report ID: 137267-IAS  
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Attention: Julie Smith  
**Project #: RIVER EAST**  
 Location: RE

**Analysis of Metals in Water**

RPC Sample ID:					137267-1
Client Sample ID:					RW Well #1
Date Sampled:					5-Jun-12
Analytes	Units	RL	MAC	AO	
Aluminum	µg/L	1	-	-	4
Antimony	µg/L	0.1	6	-	< 0.1
Arsenic	µg/L	1	10	-	< 1
Barium	µg/L	1	1000	-	48
Boron	µg/L	1	5000	-	50
Cadmium	µg/L	0.01	5	-	0.02
Chromium	µg/L	1	50	-	< 1
Copper	µg/L	1	-	1000	1
Iron	µg/L	20	-	300	< 20
Lead	µg/L	0.1	10	-	1.5
Manganese	µg/L	1	-	50	21
Mercury	µg/L	0.025	1	-	< 0.025
Selenium	µg/L	1	10	-	< 1
Thallium	µg/L	0.1	-	-	< 0.1
Uranium	µg/L	0.1	20	-	1.2

Report ID: 137267-IAS  
 Report Date: 13-Jun-12  
 Date Received: 05-Jun-12

**CERTIFICATE OF ANALYSIS**

for  
 Killam Properties Inc  
 1111 Main Street, Suite 207  
 Moncton, NB E1C 1H3



921 College Hill Rd  
 Fredericton NB  
 Canada E3B 6Z9  
 Tel: 506.452.1212  
 Fax: 506.452.0594  
 www.rpc.ca

Attention: Julie Smith  
**Project #: RIVER EAST**  
 Location: RE

**Analysis of Metals in Water**

RPC Sample ID:					137267-2
Client Sample ID:					RW Well #2
Date Sampled:					5-Jun-12
Analytes	Units	RL	MAC	AO	
Aluminum	µg/L	1	-	-	5
Antimony	µg/L	0.1	6	-	< 0.1
Arsenic	µg/L	1	10	-	< 1
Barium	µg/L	1	1000	-	18
Boron	µg/L	1	5000	-	58
Cadmium	µg/L	0.01	5	-	0.01
Chromium	µg/L	1	50	-	< 1
Copper	µg/L	1	-	1000	1
Iron	µg/L	20	-	300	< 20
Lead	µg/L	0.1	10	-	0.4
Manganese	µg/L	1	-	50	3
Mercury	µg/L	0.025	1	-	< 0.025
Selenium	µg/L	1	10	-	< 1
Thallium	µg/L	0.1	-	-	< 0.1
Uranium	µg/L	0.1	20	-	1.3

Report ID: 137267-IAS  
Report Date: 13-Jun-12  
Date Received: 05-Jun-12

## CERTIFICATE OF ANALYSIS

for  
Killam Properties Inc  
1111 Main Street, Suite 207  
Moncton, NB E1C 1H3

**rpc**

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Canada E3B 6Z9  
Tel: 506.452.1212  
Fax: 506.452.0594  
www.rpc.ca

### Methods

<u>Analyte</u>	<u>RPC SOP #</u>	<u>Method Reference</u>	<u>Method Principle</u>
Fluoride	4.M30	APHA 4500-F- D	SPADNS Colourimetry
Nitrate + Nitrite (as N)	4.M48	APHA 4500-NO <sub>3</sub> H	Hydrazine Red., Derivitization, Colourimetry
Turbidity	4.M06	APHA 2130 B	Nephelometry
Trace Metals	4.M01/4.M29	EPA 200.8/EPA 200.7	ICP-MS/ICP-ES
Mercury	4.M52	EPA 245.1	Cold Vapor AAS



Report ID: 192678-MB  
 Report Date: 28-Jul-15  
 Date Received: 27-Jul-15

**CERTIFICATE OF ANALYSIS**

for

CAPREIT  
 11 Church Street, Suite 401  
 Toronto, ON M5E 1W1

Attention: Jenny Mailman

Client Location: River East  
**Examination of Water**

Analytes:

Units:

Method ID:

Date Analyzed:

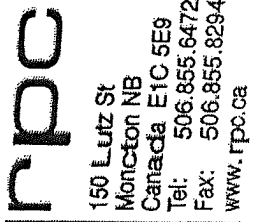
RPC Sample ID

Client Sample ID

RPC Sample ID	Well #1 RW	Well #2 RW	Well #3 RW	House #26 River East Dr	Well #2 RW	Date Sampled	Time Sampled
192678-1						27-Jul-15	10:30:00 AM
192678-2						27-Jul-15	10:46:00 AM
192678-3						27-Jul-15	11:02:00 AM
192678-4						27-Jul-15	11:33:00 AM
192678-5						27-Jul-15	11:16:00 AM

This report relates only to the sample(s) and information provided to the laboratory.

Total Coliforms	E. coli	Background
cfu/100mL	cfu/100mL	cfu/100mL
MB02	MB02	MB02
27-Jul-15	27-Jul-15	27-Jul-15
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0



*Michael Lawlor*

Michael Lawlor  
 Lab Supervisor  
 Moncton Laboratory

*Nadine Godin*

Nadine Godin  
 Microbiology Technician  
 Moncton Laboratory

Report ID: 192678-OAS  
Report Date: 12-Aug-15  
Date Received: 27-Jul-15

### CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1

Attention: Jenny Mailman  
Project #: Not Available  
Location: River East

#### Semi-Volatile Organic Compounds in Water

RPC Sample ID:	192678-5	192678-5 Dup			
Client Sample ID:	Well #2 RW	Well #2 RW			
Date Sampled:	27-Jul-15	27-Jul-15			
Matrix:	water	water			
Analytes	Units	RL	MAC(AO)		
Benzo(e)pyrene	mg/L	0.00001	0.00001	< 0.00001	< 0.00001
Pentachlorophenol	mg/L	0.0002	0.06	< 0.0002	< 0.0002
P terphenyl d14	%			91	78
2,4,6-tribromophenol	%			64	86

This report relates only to the sample(s) and information provided to the laboratory.  
RL = Reporting Limit

Troy Smith  
Lab Supervisor  
Organic Analytical Services



**rpoc**  
921 College Hill Rd  
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Tel: 506.452.1212  
Fax: 506.452.0594  
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Report ID: 192678-OAS  
 Report Date: 12-Aug-15  
 Date Received: 27-Jul-15

**CERTIFICATE OF ANALYSIS**

for  
 CAPREIT  
 11 Church Street, Suite 401  
 Toronto, ON M5E 1W1

Attention: Jenny Mailman  
 Project #: Not Available  
 Location: River East

**Volatile Organic Compounds in Water**

RPC Sample ID:	Units	RL	MAC(AO)	Well #2 RW
Client Sample ID:				192678-5
Date Sampled:				27-Jul-15
Matrix:				water
<b>Analytes</b>	<b>Units</b>	<b>RL</b>	<b>MAC(AO)</b>	
Benzene	mg/L	0.0005	0.005	< 0.0005
Bromodichloromethane	mg/L	0.0005	Note	< 0.0005
Bromoform	mg/L	0.0005	Note	< 0.0005
Carbon Tetrachloride	mg/L	0.0005	0.002	< 0.0005
Chloroform	mg/L	0.0005	Note	< 0.0005
Dibromochloromethane	mg/L	0.0005	Note	< 0.0005
1,2-dichlorobenzene	mg/L	0.0005	0.20	< 0.0005
1,4-dichlorobenzene	mg/L	0.0005	0.005	< 0.0005
1,2-dichloroethane	mg/L	0.0005	0.005	< 0.0005
Dichloromethane	mg/L	0.0010	0.05	< 0.0010
Ethylbenzene	mg/L	0.0005	(0.0024)	< 0.0005
Tetrachloroethylene	mg/L	0.0005	0.03	< 0.0005
Toluene	mg/L	0.0005	(0.024)	0.0010
Trichloroethylene	mg/L	0.0005	0.005	< 0.0005
Vinyl Chloride	mg/L	0.0020	0.002	< 0.0020
Xylenes	mg/L	0.0005	(0.30)	< 0.0005
Total THM	mg/L	0.001	0.10	< 0.001
1,2-Dichloroethane-d4	%			105
Toluene-d8	%			96
4-Bromofluorobenzene	%			102

This report relates only to the sample(s) and information provided to the laboratory.  
 RL = Reporting Limit

Angela Colford  
 Lab Supervisor  
 Organic Analytical Services



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VOC IN WATER - CWA  
 Part 1 of 6

Karen Broad  
 Chemist  
 Organic Analytical Services



Report ID: 192678-OAS  
Report Date: 12-Aug-15  
Date Received: 27-Jul-15

**CERTIFICATE OF ANALYSIS**

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1

**Method Summary**

OAS-SV09: The Determination of Benzo (a) Pyrene and Pentachlorophenol in Water.  
OAS-HC02: Determination of Volatile Organic Compounds in Water.

**General Report Comments**

MAC = maximum acceptable concentration; AO = aesthetic objective (CDWQG 2012)  
Note = one of the trihalomethanes (THM); MAC for total THM is expressed as a locational running annual average of quarterly samples.

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Report ID: 192678-QAS  
Report Date: 12-Aug-15  
Date Received: 27-Jul-15

### CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1

**rpcc**  
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Fredericton NB  
Canada E3B 6Z9  
Tel: 506.452.1212  
Fax: 506.452.0594  
www.rpcc.ca

Project #: Not Available

Location: River East

QA/QC Report

RPC Sample ID:	BLANKB6246	SPIKEB6199
Matrix:	water	water
Analytes	Units	RL
Benzo(a)pyrene	mg/L	0.00001
Pentachlorophenol	mg/L	0.0002
RL = Reporting Limit	< 0.0002	< 0.0002
		% Recovery
		88%
		83%

Report ID: 192678-OAS  
 Report Date: 12-Aug-15  
 Date Received: 27-Jul-15

**CERTIFICATE OF ANALYSIS**  
 for  
 CAPREIT

11 Church Street, Suite 401  
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 Tel: 506.452.1212  
 Fax: 506.452.0594  
 www.rpcc.ca

Project #: Not Available  
 Location: River East  
 QA/QC Report

RPC Sample ID:	Matrix:	Analytes	Units	RL	BLANKB6194	water	SPIKEB6148	water	% Recovery
		Benzene	mg/L	0.0005	< 0.0005				112%
		Bromodichloromethane	mg/L	0.0005	< 0.0005				98%
		Bromoform	mg/L	0.0005	< 0.0005				82%-
		Carbon Tetrachloride	mg/L	0.0005	< 0.0005				92%
		Chloroform	mg/L	0.0005	< 0.0005				105%
		Dibromochloromethane	mg/L	0.0005	< 0.0005				94%
		1,2-dichlorobenzene	mg/L	0.0005	< 0.0005				95%
		1,4-dichlorobenzene	mg/L	0.0005	< 0.0005				98%
		1,2-dichloroethane	mg/L	0.0005	< 0.0005				102%
		Dichloromethane	mg/L	0.0010	< 0.0010				106%
		Ethylbenzene	mg/L	0.0005	< 0.0005				106%
		Tetrachloroethylene	mg/L	0.0005	< 0.0005				107%
		Toluene	mg/L	0.0005	< 0.0005				99%
		Trichloroethylene	mg/L	0.0005	< 0.0005				113%
		Vinyl Chloride	mg/L	0.0020	< 0.0020				106%
		Xylenes	mg/L	0.0005	< 0.0005				

RL = Reporting Limit

Report ID: 192678-OAS  
Report Date: 12-Aug-15  
Date Received: 27-Jul-15

### CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1

Project #: Not Available

#### Summary of Date Analyzed

RPC Sample ID	SVOC		VOC	
	Extracted	Analyzed	Extracted	Analyzed
192678-5	29-Jul-15	1-Aug-15	31-Jul-15	-
192678-5 Dup	29-Jul-15	1-Aug-15	-	31-Jul-15

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Report ID: 193602-MB  
 Report Date: 12-Aug-15  
 Date Received: 11-Aug-15

**CERTIFICATE OF ANALYSIS**  
 for  
 CAPREIT  
 11 Church Street, Suite 401  
 Toronto, ON M5E 1W1

Attention: Jenny Mailman

**rpc**  
 150 Lutz St  
 Moncton NB  
 Canada E1C 5E9  
 Tel: 506.855.6472  
 Fax: 506.855.8294  
 www.rpc.ca

Location: River East  
**Examination of Water**

Client Sample ID:		193602-1	193602-2	193602-3	193602-4
Date Sampled:		Well #1 RW	Well #2 RW	Well #3 RW	House #6 River East Drive
Analytes	Method ID	Date Analyzed	Units	11-Aug-15	11-Aug-15
Total Coliforms	MB02	11-Aug-15	cfu/100mL	0	0
E. coli	MB02	11-Aug-15	cfu/100mL	0	0
Background	MB02	11-Aug-15	cfu/100mL	>200	0

This report relates only to the sample(s) and information provided to the laboratory.  
 RL = Reporting Limit



Michael Lawlor  
 Lab Supervisor  
 Moncton Laboratory



SHANNON GARDNER  
 Microbiology Technician  
 Moncton Laboratory



Report ID: 193602-IAS  
Report Date: 17-Aug-15  
Date Received: 11-Aug-15

### CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1

**rpc**

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Fredericton NB  
Canada E3B 6Z9  
Tel: 506.452.1212  
Fax: 506.452.0594  
www.rpc.ca

Attention: Jenny Mailman

Project #: Not Available

Location: River East

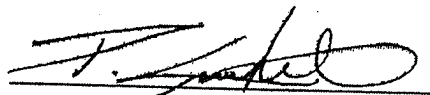
#### Analysis of Water

RPC Sample ID:						193602-2
Client Sample ID:						Well #2 RW
Date Sampled:						11-Aug-15
Analytes	Units	RL	MAC	AO		
Fluoride	mg/L	0.05	1.5	-	5.8	

This report relates only to the sample(s) and information provided to the laboratory.

RL = Reporting Limit; MAC = Maximum Acceptable Concentration; AO = Aesthetic Objective

Guidelines are from Guidelines for Canadian Drinking Water Quality (October 2014).



Peter Crowhurst, B.Sc., C.Chem  
Analytical Chemist  
Inorganic Analytical Chemistry

WATER CHEMISTRY

Page 1 of 2



Krista Skinner  
Chemical Technician  
Inorganic Analytical Chemistry

Report ID: 193602-IAS  
Report Date: 17-Aug-15  
Date Received: 11-Aug-15

## CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
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www.rpc.ca

### Methods

<u>Analyte</u>	<u>RPC SOP #</u>	<u>Method Reference</u>	<u>Method Principle</u>
Fluoride	4.M30	APHA 4500-F- D	SPADNS Colourimetry

Report ID: 194375-MB  
Report Date: 25-Aug-15  
Date Received: 24-Aug-15

### CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1

Attention: Jenny Mallman

Location: Rivereast Estates  
**Examination of Water**

RPC Sample ID:

Client Sample ID:

194375-1  
6 Rivereast Dr

Date Sampled:

Analytes

Analytes	Method ID	Date Analyzed	Units	
Total Coliforms	MB02	24-Aug-15	cfu/100mL	24-Aug-15
E. coli	MB02	24-Aug-15	cfu/100mL	0
Background	MB02	24-Aug-15	cfu/100mL	0

This report relates only to the sample(s) and information provided to the laboratory.  
RL = Reporting Limit

Michael Lawlor  
Lab Supervisor  
Moncton Laboratory

**rpc**  
150 Lutz St  
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WATER ANALYSIS  
Page 1 of 1

Nadine Godin  
Microbiology Technician  
Moncton Laboratory

Report ID: 196834-IAS  
Report Date: 13-Oct-15  
Date Received: 05-Oct-15

# CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1

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Tel: 506.452.1212  
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Attention: Jenny Mailman

Project #: Not Available

Location: River East

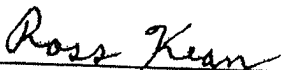
## Analysis of Water

RPC Sample ID:					196834-2
Client Sample ID:					Well #2 RW
Date Sampled:					5-Oct-15
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	2.2

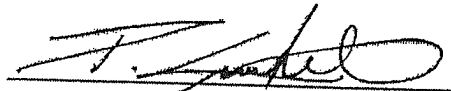
This report relates only to the sample(s) and information provided to the laboratory.

RL = Reporting Limit; MAC = Maximum Acceptable Concentration; AO = Aesthetic Objective

Guidelines are from Guidelines for Canadian Drinking Water Quality (October 2014).

  
\_\_\_\_\_

A. Ross Kean, M.Sc.  
Department Head  
Inorganic Analytical Chemistry

  
\_\_\_\_\_

Peter Crowhurst, B.Sc., C.Chem  
Analytical Chemist  
Inorganic Analytical Chemistry

Report ID: 196834-IAS  
Report Date: 13-Oct-15  
Date Received: 05-Oct-15

## CERTIFICATE OF ANALYSIS

for  
CAPREIT  
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Fax: 506.452.0594  
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### Methods

<u>Analyte</u>	<u>RPC SOP #</u>	<u>Method Reference</u>	<u>Method Principle</u>
Fluoride	4.M30	APHA 4500-F- D	SPADNS Colourimetry

Report ID: 197593-MB  
Report Date: 20-Oct-15  
Date Received: 19-Oct-15

### CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1



150 Lutz St  
Moncton NB  
Canada E1C 5E9  
Tel: 506.855.6472  
Fax: 506.855.8294  
www.rpcc.ca

Attention: Jenny Mailman

Project/Job #: RE

Location: River East

### Examination of Water

RPC Sample ID:  
Client Sample ID:

Date Sampled:	Method ID	Date Analyzed	Units	197593-1	197593-2	197593-3	197593-4
Total Coliforms	MB02	19-Oct-15	cfu/100mL	Well #1 RW	Well #2 RW	Well #3 RW	House #26 RE Drive
E. coli	MB02	19-Oct-15	cfu/100mL	0	0	0	0
Background	MB02	19-Oct-15	cfu/100mL	2	0	0	0

This report relates only to the sample(s) and information provided to the laboratory.  
RL = Reporting Limit

Michael Lawlor  
Lab Supervisor  
Moncton Laboratory

Nadine Godin  
Microbiology Technician  
Moncton Laboratory

Report ID: 197593-IAS  
Report Date: 26-Oct-15  
Date Received: 19-Oct-15

### CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1

**rpc**

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Fredericton NB  
Canada E3B 6Z9  
Tel: 506.452.1212  
Fax: 506.452.0594  
www.rpc.ca

Attention: Jenny Mailman

Project #: RE

Location: River East

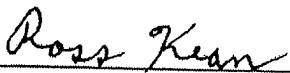
#### Analysis of Water

RPC Sample ID:					197593-2
Client Sample ID:					Well #2 RW
Date Sampled:					19-Oct-15
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	2.0

This report relates only to the sample(s) and information provided to the laboratory.

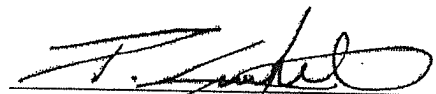
RL = Reporting Limit; MAC = Maximum Acceptable Concentration; AO = Aesthetic Objective

Guidelines are from Guidelines for Canadian Drinking Water Quality (October 2014).



A. Ross Kean, M.Sc.  
Department Head  
Inorganic Analytical Chemistry

WATER CHEMISTRY  
Page 1 of 2



Peter Crowhurst, B.Sc., C.Chem  
Analytical Chemist  
Inorganic Analytical Chemistry

Report ID: 197593-IAS  
Report Date: 26-Oct-15  
Date Received: 19-Oct-15

**CERTIFICATE OF ANALYSIS**

for  
CAPREIT  
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**Methods**

<u>Analyte</u>	<u>RPC SOP #</u>	<u>Method Reference</u>	<u>Method Principle</u>
Fluoride	4.M30	APHA 4500-F- D	SPADNS Colourimetry



Report ID: 198780-IAS  
Report Date: 17-Nov-15  
Date Received: 09-Nov-15

### CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
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Attention: Jenny Mailman

Project #: Not Available

Location: River East

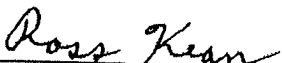
#### Analysis of Water

RPC Sample ID:						198780-2
Client Sample ID:						Well #2 RW
Date Sampled:						9-Nov-15
Analytes	Units	RL	MAC	AO		
Fluoride	mg/L	0.05	1.5	-	2.8	

This report relates only to the sample(s) and information provided to the laboratory.

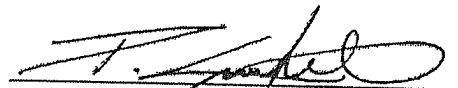
RL = Reporting Limit; MAC = Maximum Acceptable Concentration; AO = Aesthetic Objective

Guidelines are from Guidelines for Canadian Drinking Water Quality (October 2014).



A. Ross Kean, M.Sc.  
Department Head  
Inorganic Analytical Chemistry

WATER CHEMISTRY  
Page 1 of 2



Peter Crowhurst, B.Sc., C.Chem  
Analytical Chemist  
Inorganic Analytical Chemistry

Report ID: 198780-IAS  
Report Date: 17-Nov-15  
Date Received: 09-Nov-15

## CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1

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www.rpc.ca

### Methods

<u>Analyte</u>	<u>RPC SOP #</u>	<u>Method Reference</u>	<u>Method Principle</u>
Fluoride	4.M30	APHA 4500-F- D	SPADNS Colourimetry

Report ID: 199489-IAS  
Report Date: 27-Nov-15  
Date Received: 23-Nov-15

### CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1

**rpc**

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Fredericton NB  
Canada E3B 6Z9  
Tel: 506.452.1212  
Fax: 506.452.0594  
www.rpc.ca

Attention: Jenny Mailman

Project #: Not Available

Location: River East

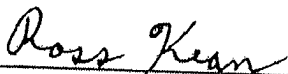
#### Analysis of Water

RPC Sample ID:					199489-2
Client Sample ID:					Well #2 RW
Date Sampled:					23-Nov-15
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	2.1

This report relates only to the sample(s) and information provided to the laboratory.

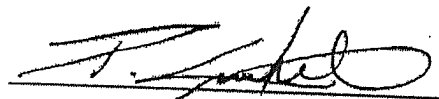
RL = Reporting Limit; MAC = Maximum Acceptable Concentration; AO = Aesthetic Objective

Guidelines are from Guidelines for Canadian Drinking Water Quality (October 2014).



A. Ross Kean, M.Sc.  
Department Head  
Inorganic Analytical Chemistry

WATER CHEMISTRY  
Page 1 of 2



Peter Crowhurst, B.Sc., C.Chem  
Analytical Chemist  
Inorganic Analytical Chemistry

Report ID: 199489-IAS  
Report Date: 27-Nov-15  
Date Received: 23-Nov-15

# CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1

**rpc**

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Tel: 506.452.1212  
Fax: 506.452.0594  
www.rpc.ca

## Methods

<u>Analyte</u>	<u>RPC SOP #</u>	<u>Method Reference</u>	<u>Method Principle</u>
Fluoride	4.M30	APHA 4500-F- D	SPADNS Colourimetry

Report ID: 200395-IAS  
Report Date: 15-Dec-15  
Date Received: 10-Dec-15

### CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1

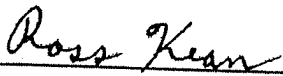
**rpc**

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Fax: 506.452.0594  
www.rpc.ca

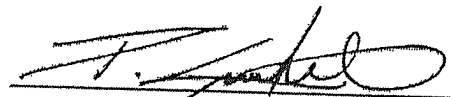
Attention: Jenny Mailman  
Project #: Not Available  
Location: River East  
Analysis of Water

RPC Sample ID:						200395-2
Client Sample ID:						Well #2 RW
Date Sampled:						10-Dec-15
Analytes	Units	RL	MAC	AO		
Fluoride	mg/L	0.05	1.5	-	2.2	

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A. Ross Kean, M.Sc.  
Department Head  
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Peter Crowhurst, B.Sc., C.Chem  
Analytical Chemist  
Inorganic Analytical Chemistry

Report ID: 200395-IAS  
Report Date: 15-Dec-15  
Date Received: 10-Dec-15

## CERTIFICATE OF ANALYSIS

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### Methods

<u>Analyte</u>	<u>RPC SOP #</u>	<u>Method Reference</u>	<u>Method Principle</u>
Fluoride	4.M30	APHA 4500-F- D	SPADNS Colourimetry

Report ID: 200851-MB  
Report Date: 22-Dec-15  
Date Received: 21-Dec-15

Attention: Jenny Mailman

Location: River East  
**Examination of Water**

RPC Sample ID:

Client Sample ID:

Date Sampled:

Analytes

Total Coliforms	Method ID	Date Analyzed	Units	200851-1	200851-2	200851-3	200851-4
E. coli	MB02	21-Dec-15	cfu/100mL	Well #1 RW	Well #2 RW	Well #3 RW	House #26 RE drive
Background	MB02	21-Dec-15	cfu/100mL	0	0	0	0
	MB02	21-Dec-15	cfu/100mL	6	9	0	0

This report relates only to the sample(s) and information provided to the laboratory.  
RL = Reporting Limit

**CERTIFICATE OF ANALYSIS**

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**rpc**  
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Tel: 506.855.6472  
Fax: 506.855.8294  
www.rpc.ca



MICHAEL LAWLOR  
Lab Supervisor  
Moncton Laboratory



Nadine Godin  
Microbiology Technician  
Moncton Laboratory

Report ID: 200851-IAS  
Report Date: 23-Dec-15  
Date Received: 21-Dec-15

# CERTIFICATE OF ANALYSIS

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Attention: Jenny Mailman

**Project #: Not Available**

Location: River East

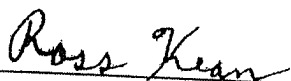
## Analysis of Water

RPC Sample ID:					200851-2
Client Sample ID:					Well #2 RW
Date Sampled:					21-Dec-15
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	5.4

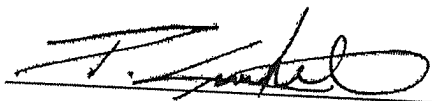
This report relates only to the sample(s) and information provided to the laboratory.

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Guidelines are from Guidelines for Canadian Drinking Water Quality (October 2014).



A. Ross Kean, M.Sc.  
Department Head  
Inorganic Analytical Chemistry



Peter Crowhurst, B.Sc., C.Chem  
Analytical Chemist  
Inorganic Analytical Chemistry



Report ID: 200851-IAS  
Report Date: 23-Dec-15  
Date Received: 21-Dec-15

**CERTIFICATE OF ANALYSIS**  
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[www.rpc.ca](http://www.rpc.ca)

**Methods**

<u>Analyte</u>	<u>RPC SOP #</u>	<u>Method Reference</u>	<u>Method Principle</u>
Fluoride	4.M30	APHA 4500-F- D	SPADNS Colourimetry

Report ID: 202384-IAS  
Report Date: 04-Feb-16  
Date Received: 01-Feb-16

# CERTIFICATE OF ANALYSIS

for  
CAPREIT

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Tel: 506.452.1212  
Fax: 506.452.0594  
www.rpc.ca

Attention: Jenny Mailman

**Project #: Not Available**

Location: River East


## Analysis of Water

RPC Sample ID:						202384-2
Client Sample ID:						Well #2 RW
Date Sampled:						1-Feb-16
<b>Analytes</b>	<b>Units</b>	<b>RL</b>	<b>MAC</b>	<b>AO</b>		
Fluoride	mg/L	0.05	1.5	-	2.1	

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A. Ross Kean, M.Sc.  
Department Head  
Inorganic Analytical Chemistry

**WATER CHEMISTRY**

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Peter Crowhurst, B.Sc., C.Chem  
Analytical Chemist  
Inorganic Analytical Chemistry

Report ID: 202384-IAS  
Report Date: 04-Feb-16  
Date Received: 01-Feb-16

**CERTIFICATE OF ANALYSIS**  
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www.rpc.ca

**Methods**

<u>Analyte</u>	<u>RPC SOP #</u>	<u>Method Reference</u>	<u>Method Principle</u>
Fluoride	4.M30	APHA 4500-F- D	SPADNS Colourimetry

Report ID: 203096-MB  
Report Date: 17-Feb-16  
Date Received: 16-Feb-16

### CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1

Attention: Jenny Mailman

**rpcc**  
150 Lutz St  
Moncton NB  
Canada E1C 5E9  
Tel: 506.855.6472  
Fax: 506.855.8294  
www.rpcc.ca

Location: River East

#### Examination of Water

RPC Sample ID:				203096-1
Client Sample ID:				House #26 RE Drive
Date Sampled:				16-Feb-16
Time Sampled:				
<b>Analytes</b>	<b>Method ID</b>	<b>Date Analyzed</b>	<b>Units</b>	
Total Coliforms	MB02	16-Feb-16	cfu/100mL	0
E. coli	MB02	16-Feb-16	cfu/100mL	0
Background	MB02	16-Feb-16	cfu/100mL	0

This report relates only to the sample(s) and information provided to the laboratory.  
RL = Reporting Limit

MICHAEL LAWLOR  
Lab Supervisor  
Moncton Laboratory



WATER ANALYSIS  
Page 1 of 1



Nadine Godin  
Microbiology Technician  
Moncton Laboratory

Report ID: 203096-IAS  
Report Date: 23-Feb-16  
Date Received: 16-Feb-16

### CERTIFICATE OF ANALYSIS

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Fax: 506.452.0594  
www.rpc.ca

Attention: Jenny Mailman

**Project #: Not Available**

Location: River East


#### Analysis of Water

RPC Sample ID:					203096-2
Client Sample ID:					Well #2 RW
Date Sampled:					16-Feb-16
Analytes	Units	RL	MAC	AO	
Fluoride	mg/L	0.05	1.5	-	2.4

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Guidelines are from Guidelines for Canadian Drinking Water Quality (October 2014).



A. Ross Kean, M.Sc.  
Department Head  
Inorganic Analytical Chemistry

**WATER CHEMISTRY**

Page 1 of 2



Peter Crowhurst, B.Sc., C.Chem  
Analytical Chemist  
Inorganic Analytical Chemistry

Report ID: 203096-IAS  
Report Date: 23-Feb-16  
Date Received: 16-Feb-16

## CERTIFICATE OF ANALYSIS

for  
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Fax: 506.452.0594  
www.rpc.ca

### Methods

<u>Analyte</u>	<u>RPC SOP #</u>	<u>Method Reference</u>	<u>Method Principle</u>
Fluoride	4.M30	APHA 4500-F- D	SPADNS Colourimetry

Report ID: 203659-MB  
 Report Date: 01-Mar-16  
 Date Received: 29-Feb-16

**CERTIFICATE OF ANALYSIS**

for  
 CAPREIT  
 11 Church Street, Suite 401  
 Toronto, ON M5E 1W1

Attention: Jenny Mailman

**rpcc**  
 150 Lutz St  
 Moncton NB  
 Canada E1C 5E9  
 Tel: 506.855.6472  
 Fax: 506.855.8294  
 www.rpcc.ca

Location: River East

**Examination of Water**

RPC Sample ID:	203659-1	203659-2	203659-3	203659-4
Client Sample ID:	Well #1 RW	Well #2 RW	Well #3 RW	House #6 RE Drive
Date Sampled:	29-Feb-16	29-Feb-16	29-Feb-16	29-Feb-16
<b>Analyses</b>	<b>Method ID</b>	<b>Date Analyzed</b>	<b>Units</b>	
Total Coliforms	MB02	29-Feb-16	cfu/100mL	0
E. coli	MB02	29-Feb-16	cfu/100mL	0
Background	MB02	29-Feb-16	cfu/100mL	0

This report relates only to the sample(s) and information provided to the laboratory.  
 RL = Reporting Limit

MICHAEL LAWLOR  
 Lab Supervisor  
 Moncton Laboratory



Nadine Godin  
 Microbiology Technician  
 Moncton Laboratory



Report ID: 204368-IAS  
Report Date: 22-Mar-16  
Date Received: 14-Mar-16

## CERTIFICATE OF ANALYSIS

for  
CAPREIT  
11 Church Street, Suite 401  
Toronto, ON M5E 1W1



921 College Hill Rd  
Fredericton NB  
Canada E3B 6Z9  
Tel: 506.452.1212  
Fax: 506.452.0594  
www.rpc.ca

Attention: Jenny Mailman

**Project #: Not Available**

Location: River East

### Analysis of Water

RPC Sample ID:	204368-1				
Client Sample ID:	Well #2 RW				
Date Sampled:	14-Mar-16				
<b>Analytes</b>	<b>Units</b>	<b>RL</b>	<b>MAC</b>	<b>AO</b>	
Fluoride	mg/L	0.05	1.5	-	1.72

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Guidelines are from Guidelines for Canadian Drinking Water Quality (October 2014).

A. Ross Kean, M.Sc.  
Department Head  
Inorganic Analytical Chemistry

**WATER CHEMISTRY**  
Page 1 of 2

Peter Crowhurst, B.Sc., C.Chem  
Analytical Chemist  
Inorganic Analytical Chemistry



Report ID: 204368-IAS  
Report Date: 22-Mar-16  
Date Received: 14-Mar-16

## CERTIFICATE OF ANALYSIS

for  
CAPREIT  
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Canada E3B 6Z9  
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Fax: 506.452.0594  
www.rpc.ca

### Methods

<u>Analyte</u>	<u>RPC SOP #</u>	<u>Method Reference</u>	<u>Method Principle</u>
Fluoride	4.M30	APHA 4500-F- D	SPADNS Colourimetry