



EIA Registration Document

This is intended to be an “abbreviated” EIA Registration Document submitted in conjunction with a Water Supply Source Initial Application (WSSA). The proposed project will not be pursued if the hydrogeological assessment determines that there is not adequate water quantity and/or acceptable water quality for the short and long-term viability of the undertaking at this location.

Proponent: Kelly Cove Salmon Ltd. a Division of Cooke Aquaculture

Location(s): The WSSA Initial Application associated with this submission is for 5 proposed well locations located on PID 15166184 (Figures 1 and 2) which is within the Champlain Industrial Park in Bayside New Brunswick 12 km north of the Town of St. Andrews. The proposed project location is located within the area designated as Industrial Park (“I” Zone) as designated in the Bayside Planning Area Rural Plan Regulation.

At this time, no alternate locations for the proposed project have been considered.

Purpose of the Water Supply: The purpose of finding a suitable water supply as described in the WSSA Initial Application is to construct a recirculation facility in order to grow out Salmon smolt from 80 grams up to a maximum of 1kg before transporting these to existing sea cages. The required water quantity the proponent is looking for in the WSSA is 1500 m³/day.

Environmental Impacts associated with WSSA activities:

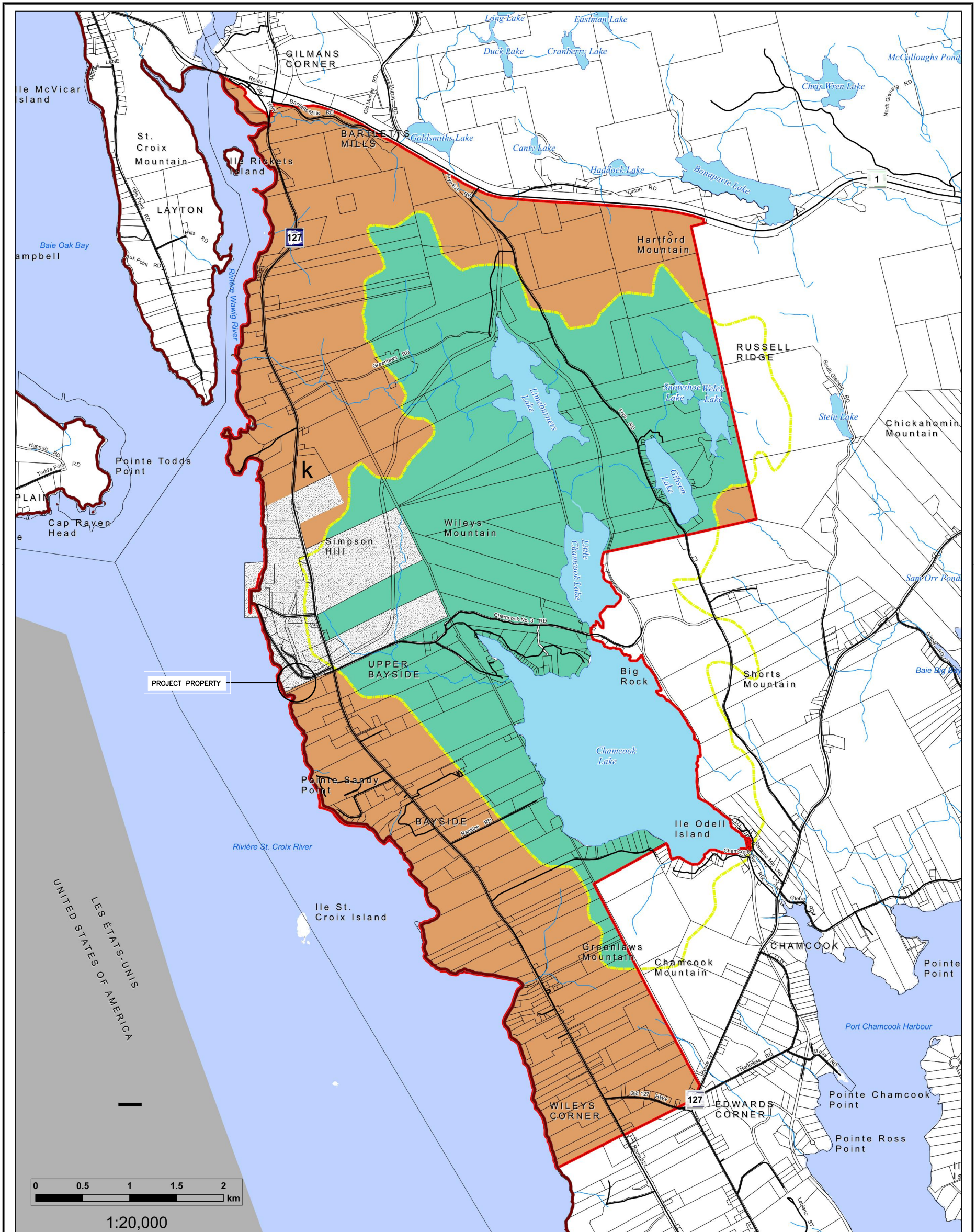
Watercourse or wetlands were not identified within the proposed drilling area (pers. comm. Cassandra Colwell, DELG, Sept. 20, 2017) as well, there were no concerns with regards to any Zoning Regulation (Community Planning Act) requirements (pers. comm. Don Leachman, RSC-10, Sept. 27, 2017).

The project is located in the Champlain Industrial Park which is zoned for industrial use. The possible environmental impacts associated with the WSSA would be short term and limited to clearing, temporary road construction and drilling activities. Due to the proximity to “open” water, mitigation measure will



be implemented to reduce sedimentation and erosion, which include, but are not limited to:

- Plan clearing and road construction to suit existing terrain and site conditions.
- Scheduling activities to minimize potential impacts associated with erosion (i.e., avoid activities during intense storm events).
- Retain existing vegetation when possible.
- Minimize the lengths and steepness of slopes, where possible, and provide erosion protection when necessary.
- If necessary retain eroded sediments on site with erosion and sediment control structures (i.e. silt fences/fabric dams etc.)



Schedule A / Annexe A

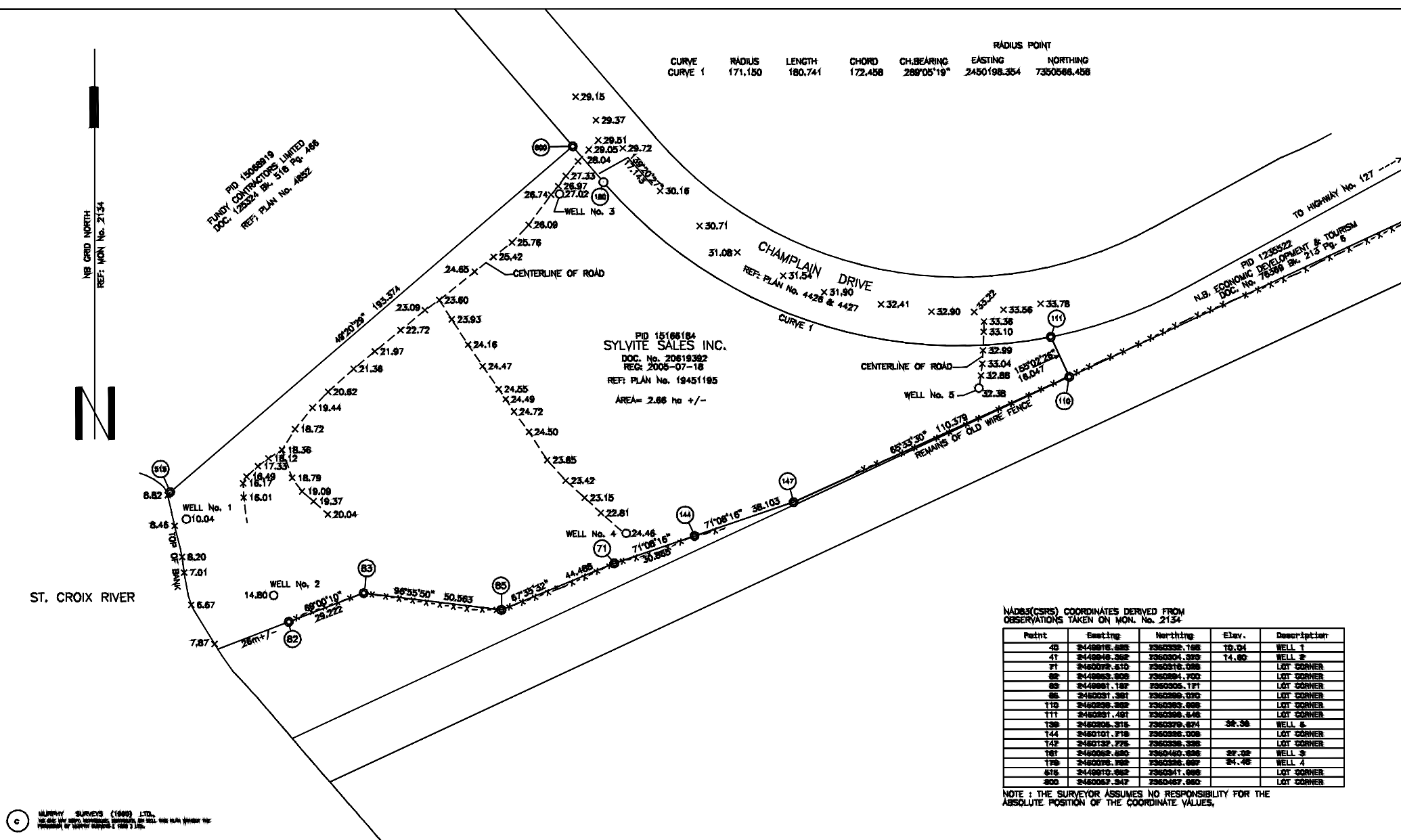
- | | | | | | |
|---|--|---|---|---|--|
|  | Planning Area Boundary
Limite du secteur d'aménagement |  | Rural - "RU" Zone
Rurales - « zones RU » |  | Chamcook Lake Watershed - "CW" Zone
Bassin hydrographique du lac Chamcook - « zones CW » |
|  | Community Centre
Centre communautaire |  | Industrial Park - "I" Zone
Parc industriels - « zones I » |  | St. Croix Corridor - "SCC" Zone
Corridor Sainte-Croix - « zones SCC » |
|  | Chamcook Lake Watershed - Town of Saint Andrews Protected Area
Bassin hydrographie du lac Chamcook - Town of Saint Andrews | | | | |

CURVE	RADIUS	LENGTH	CHORD	CH. BEARING	EASTING	NORTHING
CURVE 1	171.150	180.741	172.458	288°05'19"	2450198.354	7350586.458

PID 15088919
 FINNY CONTRACTORS LIMITED
 DOC. 28824 B.C. 516 Pg. 466
 REF. PLAN No. 4882

PID 1238322
 N.B. ECONOMIC DEVELOPMENT & TOURISM
 DOC. No. 78399 B.C. 213 Pg. 8

PID 15168184
 SYLVITE SALES INC.
 DOC. No. 20619382
 REG. 2005-07-18
 REF. PLAN No. 19451195
 AREA= 2.66 ha +/-



NAD83(CSRS) COORDINATES DERIVED FROM OBSERVATIONS TAKEN ON MON. No. 2134

Point	Easting	Northing	Elev.	Description
40	3448916.588	7360332.158	12.04	WELL 1
41	3448916.382	7360304.323	14.80	WELL 2
F1	3448929.610	7360316.088		LOT CORNER
62	3448963.808	7360284.700		LOT CORNER
63	3448981.187	7360305.171		LOT CORNER
65	3449031.381	7360289.030		LOT CORNER
T10	3449036.387	7360393.688		LOT CORNER
T11	3449031.481	7360396.648		LOT CORNER
T39	3449028.315	7360379.874	38.36	WELL 4
T44	3449101.718	7360386.008		LOT CORNER
T47	3449137.775	7360336.338		LOT CORNER
T61	3449068.680	7360460.836	27.32	WELL 3
T78	3449076.782	7360336.897	34.46	WELL 4
S18	3449010.982	7360341.988		LOT CORNER
900	3449067.347	7360487.980		LOT CORNER

NOTE: THE SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE ABSOLUTE POSITION OF THE COORDINATE VALUES.

MURPHY SURVEYS (1990) LTD.
 10000 ROUTE 100, ST. JOHN'S, N.B.
 REG. NO. 10000

KEY PLAN	SCALE: 1:40000	ENDORSEMENTS	NOTES	LEGEND	GRAPHIC SCALE - METRES 1:1000	TOPOGRAPHIC PLAN SHOWING ELEVATIONS AND WELL SITES FOR KELLY COVE SALMON FIGURE 2
			1. ALL DIMENSIONS ARE IN METRES AND DECIMALS THEREOF. 2. THE PLAN HEREON HAS BEEN APPROVED AT AND/OR COMPILED FROM CONSIDERATION OF SOME OR ALL OF THE FOLLOWING: (i) FIELD EVIDENCE (ii) INFORMATION TAKEN FROM THE FILES OF MURPHY SURVEYS (1990) LTD. (iii) VARIOUS DEEDS AND/OR PLANS FROM THE CHAUVILLE E.P.M. 3. THE INFORMATION CONTAINED ON THIS PLAN IS ISSUED TO YOU AND MAY BE USED SOLELY BY THE PROPERTY OWNER FROM WHOM THIS PLAN WAS PREPARED. RELIANCE ON SUCH INFORMATION BY THIRD PARTIES SHALL BE AT THEIR OWN RISK AND WE ASSUME NO RESPONSIBILITY OR LIABILITY WITH RESPECT TO ANY SUCH RELIANCE. 4. PLAN NUMBERS ARE TAKEN FROM THE PROPERTY INDEX MAPS.	UNAPPEARED WITH THE PLAN RELEASED THIS SURVEYED SURVEY MARKER PLACED SURVEYED SURVEY MARKER FIELD SURVEYED HIGH ROAD ESTABLISHED POINT RELIABLE HIGH POINT UNRELIABLE HIGH POINT P.O. PLACED LOT CORNER BALANCE FENCE PUMP	20 0 20 40 60 GRAPHIC SCALE - METRES 1:1000 ROBERT S. MANN, N.B.L.S., No. 357 DATE: _____ DATE SURVEY COMPLETED _____ PLAN No. _____ JOB No. 17068 #9291 ROUTE 3 OLD ROSE, N.B. EST. 422 TELEPHONE No. (506) 468-1941 FACSIMILE No. (506) 468-8876	MURPHY SURVEYS (1990) LTD.