

Lactalis St. Claude Environmental Act Proposal

October 26th , 2021

Ms. Jennifer Winsor, P.Eng.
Senior Environmental Engineer
Environmental Approvals Branch
Manitoba Conservation and Climate
1007 Century Street
Winnipeg, MB, R3H 0W4

RE: ENVIRONMENTAL ACT PROPOSAL – LACTALIS CANADA, ST.CLAUDE FACILITY

Dear Ms. Winsor,

SCV Consulting Ltd. (SCV) was retained by Lactalis Canada Inc. (Lactalis) to provide support with an updated Environmental Act Proposal (EAP) for their butter and powder products facility located in St. Claude, Manitoba (the Facility). Please find enclosed: Two (2) hardcopies of the EAP application package, one (1) electronic copy of the EAP application package, and one (1) electronic copy of a redacted version of the EAP application package for public distribution. The EAP application package includes the the EAP submission form, supporting EAP report prepared by SCV, and associated appendices for reference. The EAP application fee has been submitted separately, please confirm receipt when received.

The St. Claude Facility has been in operation for decades as an essential service provider and pillar of the St. Claude community. The EAP report and supporting information describe the Facility, its operations, processes, and measures that are implemented to mitigate or prevent any potential adverse environmental impacts.

We trust that the proposal contains sufficient information for Lactalis to gain the necessary approvals.

Please do not hesitate to reach out to the undersigned with any comments or questions.

Sincerely,



Kevin Poirier, P.Eng., CSR-P, ENV-SP
Director and Principal Consultant

Environment Act Proposal Form



Name of the development: Update EAP for Lactalis St. Claude	
Type of development per Classes of Development Regulation (Manitoba Regulation 164/88): Class 2	
Legal name of the applicant: Lactalis Canada Inc (Previously Parmalat Canada Inc.)	
Mailing address of the applicant: 9 Provincial Road 240 S, St Claude, MB, R0G 1Z0	
Contact Person: Richard Fay	
City: St Claude	Province: Manitoba Postal Code: R0G 1Z0
Phone Number: (204) 296-9266 Fax:	email: Richard.FAY@ca.lactalis.com
Location of the development: 16-8-7 WPM, RM of Grey, Manitoba	
Contact Person: Richard Fay	
Street Address: 9 Provincial Road 240 S	
Legal Description: Lots 1,2,3,4,5,6,8 PLAN 1238 MLTO (C DIV), S.E. 1/4 16-8-7 WPM	
City/Town: St Claude	Province: Manitoba Postal Code: R0G 1Z0
Phone Number: (204) 296-9266 Fax:	email: Richard.FAY@ca.lactalis.com
Name of proponent contact person for purposes of the environmental assessment: Kevin Poirier	
Phone: (519) 993-8040 Fax:	Mailing address: 5870 6th Line RR1, Rockwood, Ontario, N0B2K0
Email address: kpoirier@scvconsultingltd.com	
Webpage address: https://www.scvconsultingltd.com/	
Date: 27/10/2029	Signature of proponent, or corporate principal of corporate proponent:
Printed name: Richard Fay	

PRINT

RESET

A complete **Environment Act Proposal (EAP)** consists of the following components:

- Cover letter**
- Environment Act Proposal Form**
- Reports/plans supporting the EAP** (see "Information Bulletin - Environment Act Proposal Report Guidelines" for required information and number of copies)
- Application fee** (Cheque, payable to Minister of Finance, for the appropriate fee)

Per Environment Act Fees Regulation (Manitoba Regulation 168/96):	
Class 1 Developments	\$1,000
Class 2 Developments	\$7,500
Class 3 Developments:	
Transportation and Transmission Lines ..	\$10,000
Water Developments	\$60,000
Energy and Mining.....	\$120,000

Submit the complete EAP to:

Director
Environmental Approvals Branch
Manitoba Sustainable Development
1007 Century Street
Winnipeg, Manitoba R3H 0W4

For more information:

Phone: (204) 945-8321

Fax: (204) 945-5229

<http://www.gov.mb.ca/sd/eal>

Environmental Act Proposal

Lactalis Canada Inc.

St. Claude Plant

Confidentiality Statement

This document including any appendices contains trade secrets or scientific, technical, commercial, financial and labour or employee relations information which is considered to be confidential to Lactalis Canada Inc. (“Lactalis”).

Lactalis does not consent to the disclosure of this information to any third party or person without prior written notification. If the head of, or any other party within, any government institution intends to disclose this information, or any part thereof, then Lactalis requires that it first be notified of the intention. Such notice should be addressed to: Tony Cugliari, VP, Legal Affairs & General Counsel, Lactalis Canada Inc., 405 The West Mall, 10th Floor, Toronto, ON, M9C 5J1, tony.cugliari@ca.lactalis.com

Executive Summary

SCV Consulting Ltd. (SCV) has been retained to provide professional consulting services to support Lactalis Canada Inc. (Lactalis) with developing and submitting an Environmental Act Proposal (EAP) for their butter and powder products facility in St. Claude, Manitoba (the Facility). The Facility currently operates under an approval from November 15th, 1974, (Order # 408) under The Clean Environment Commission and is located in 16-8-7 WPM in the Rural Municipality of Grey-West of the Village of St. Claude, Manitoba. Lactalis follows the requirements from Manitoba Conservation and Climate (MCC) under the Environment Act and continues to operate the St. Claude facility in accordance with the Environment Act and the Class of Development Regulation. This EAP submission to MCC is for the Environmental Approvals Branch's review and a new approval of the current Facility as it stands and currently operates.

The Lactalis St. Claude facility is located at 9 PR 240 South, St. Claude, Manitoba. The Facility covers an area of approximately 1.98 acres or 86 200 ft². Lactalis Canada Inc. also owns an abutting lot to the west of the Facility that is not included in this EAP application (approximately 6.90 acres). At this time this lot is not planned for any future development, usage, or alterations. The approximate Coordinates of the Facility's northeast property corner are 49°39'25" N , 98°20'48" W. It is 104 km southwest of Winnipeg, in a French-speaking district with a tradition of dairying. The Facility receives raw milk, cream & buttermilk and manufactures butter and powdered milk products.

The process starts with the Facility receiving raw milk from farmers, and cream and buttermilk from other dairy plants. Received raw milk is passed through a mechanical separator to separate the cream from the skim milk. The cream is then pasteurized and churned to produce butter and a buttermilk co-product. Skim milk and buttermilk are both then concentrated in an evaporator, and then are dried in a spray dryer. This process generates both butter and powdered milk products, specifically:

- Butter: salted and unsalted in 454 gr prints or 25 kg bulk;
- Powder: skim milk, buttermilk and blends using permeate powder from other plants, in 25kg packages.

The Facility operates 24 hours per day, 7 days a week and is continuously operating to produce milk powder products. Butter production typically occurs from Monday through to Friday, but on occasion can occur on Saturdays. The Facility generates an average of 127m³ of wastewater per day, which is first discharged to onsite holding tanks (the "pits"). Wastewater in the pits is tested daily and pre-treated with 430 grams of aluminum sulphate once per day prior to being released to the St. Claude sewer system. The Facility currently holds a wastewater servicing agreement with St. Claude.

This EAP application package provides a description of the Facility, its operations, processes, and describes any potential impacts to the natural environment and human health. Following the completion of this package it can be seen that there are no anticipated significant adverse impacts to the natural environment or human health from the continued operation of Lactalis' Facility in St. Claude.

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- Appendix A – Existing Lactalis St. Claude Environment Order
- Appendix B – Lactalis Facility Diagram and Sewer Map
- Appendix C – Certificates of Title
- Appendix D – Land and Mineral Rights
- Appendix E – Wastewater City Agreement
- Appendix F – Historic Resources Branch Communication
- Appendix G – Lactalis St. Claude Spill Response Plan
- Appendix H – Safe Work Manitoba Safety Certification
- Appendix I – Rare Species Database Search Communication
- Appendix J – Original Lot Surveys and Plan

1 Introduction and Background

SCV has been retained to provide professional consulting services to support Lactalis Canada Inc. (Lactalis) with preparing and submitting an Environmental Act Proposal (EAP) for their butter and powdered milk products Facility in St. Claude, Manitoba.

This EAP submission to MCC is for the Environmental Approvals Branch's review and approval of the current Facility. The report is compiled based on the scope provided in MCC's Environment Act Proposal Report Guidelines Information Bulletin-Version, dated March 2018. This EAP application package describes what the facility consists of, real and potential environmental effects, and current environmental management practices. This EAP application is in response to the letter sent to Lactalis on May 25th, 2021, titled Dairy Plant – Lactalis Canada.

Lactalis has nearly 140 years of brand heritage in the Canadian dairy industry. Lactalis offers a wide range of milk and dairy products, cultured products, cheese products and table spreads. Lactalis is one of Canada's largest, most dynamic food group companies, employing more than 3,500 people with 21 operating facilities across the country. The St. Claude plant receives raw milk and cream from farmers and other dairy plants. It receives raw milk to process using a mechanical separator, and separates cream from skim milk. Cream is pasteurized and churned to produce butter and buttermilk as a subproduct. Skim milk and buttermilk are concentrated in an evaporator and dried in a spray dryer, followed by packaging and storage prior to shipping.

The products from this Facility include:

- Butter: salted and unsalted in 454g and 25 kg containers; and,
- Powder: skim milk, buttermilk and blends using permeate powder from other plants, in 25kg packages.

1.1 Background Information and Data

The St. Claude plant conducts quarterly environmental reviews that include generating of an internal report for reviewing and recording any perceived or potential environmental and health impacts, including those potentially arising from air emissions, water use, liquid effluent, waste management, ozone-depleting substances, spills/ incidents, complaints, orders and actions requests from the regulators, environmental training, chemical storage, and handling and transfer. These reviews are done by Facility staff, and submitted to Lactalis' corporate environmental lead to track and maintain the Facility's regulatory obligations. The data collection process for this EAP was completed in conjunction with key Lactalis personnel including the Facility's Plant Manager, and Maintenance Manager, as well as Lactalis' Corporate Environmental Lead (Canada).

The following information was also provided and reviewed:

- Lactalis Environmental Management Manual;
- Historical NPRI Reporting Data;
- Historical Greenhouse Gas Emissions Data;
- Lactalis Spill Response Plan;
- Facility diagrams;
- Combustion equipment specifications and operating data (where available);
- Safety Training Plans; and,
- Wastewater Data.

Additionally the existing approval document was reviewed. Information regarding mining and mineral rights, and proximity to heritage and rare species areas was obtained from Manitoba Central Services, the Historic Resources Branch, and Manitoba Agriculture and Resource Development, respectively.

2 Description of the Proposed Development (Construction, Operation, Maintenance)

2.1 Proposed Development and Operations

The proposed development is an existing facility, originally constructed in 1920, a fire in 1949 destroyed the building and it was reconstructed in 1949/1950. In 1967 the Facility underwent a major expansion and currently operates under Environmental Order No. 408 of the Clean Environment Commission (dated November 15th, 1974), which is provided in Appendix A. This EAP application is not for the development or construction of any new developments or facilities. The existing Facility operates 24 hours per day, 7 days a week. The plant is continuously producing milk powder products, and produces butter products from Monday through Friday. The Facility receives and processes an average of [REDACTED] hL of milk per year. Figure 1 below shows the Facility from Provincial Road 204S.



Figure 1. View of the Front of the St. Claude Facility

2.2 Processing

The St. Claude plant receives raw milk and buttermilk via stainless steel tanker trucks. First, the facility completes quality control testing of the milk prior to unloading it into one of the Facility's main three stainless steel storage silos, as illustrated in Figure 2.



Figure 2. Lactalis St. Claude Milk Receipt Silos

The raw milk is then heated to the desired temperature using hot water heated by natural gas-fired boilers to separate the raw milk to cream and skim milk. The skim milk is concentrated and then dried. The powder is then packaged before being transported out of the plant. The butter process begins with raw cream that goes to pasteurization. Following pasteurization, the cream is churned and salt is added. The resulting butter is packaged in 454g and 25kg containers. These are cooled and stored in a large cooler before being transported out of the plant. In the St. Claude plant the heating, concentrating and drying processes are all completed in one unitized system, please refer to Figure 3 for a detailed processing diagram.

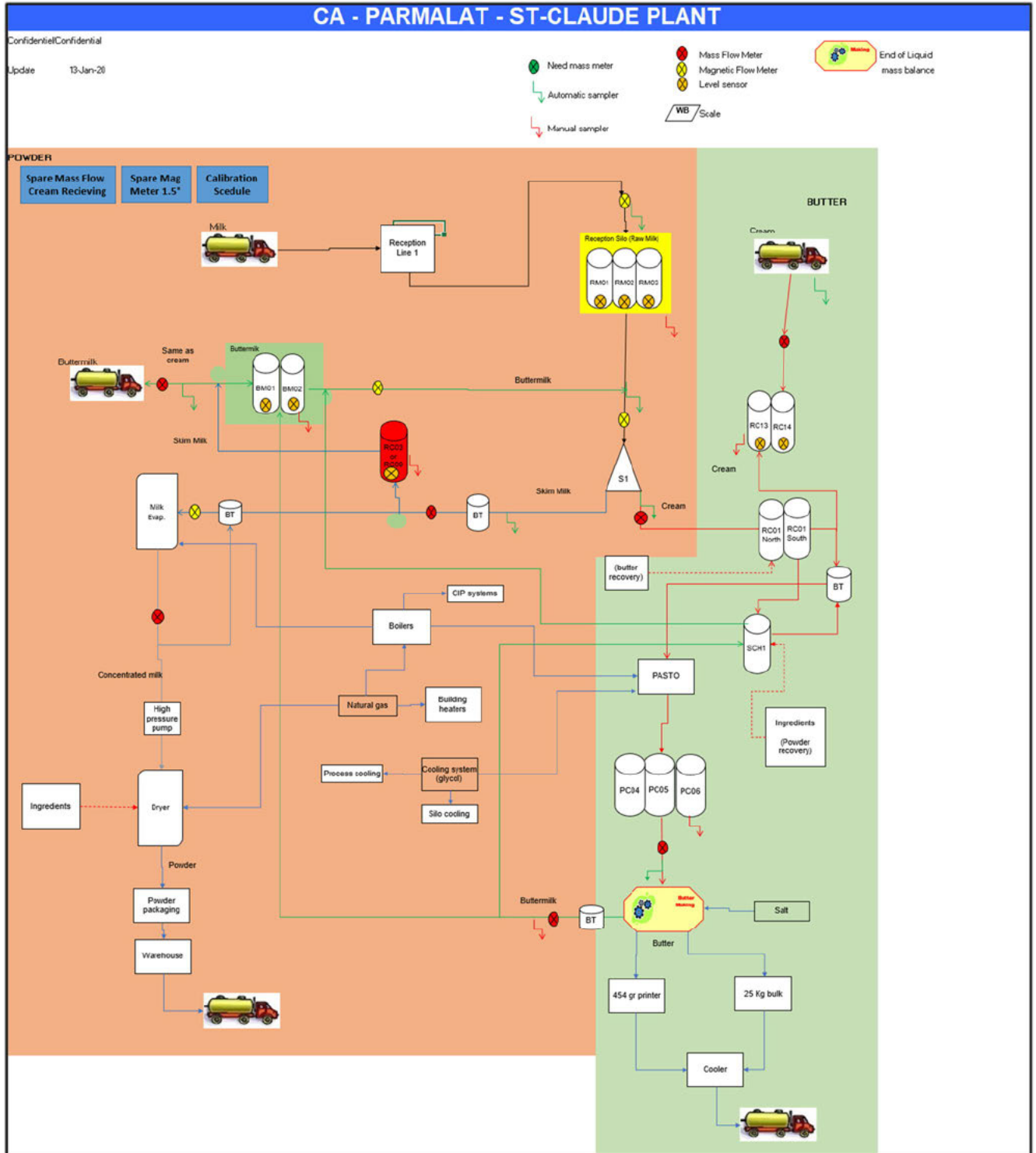


Figure 3. St. Claude Plant Process Flow Chart

The Facility employs a stringent cleaning regimen for all piping and parts, and uses clean in place systems and chemicals. The most commonly used cleaning chemicals are listed below in Table 1.

Table 1. List of St. Claude's Typical Cleaning Chemicals

Cleaning Chemicals	Approximate Annual Usages (kg)
AC 55-5	10,000
Zinnfest	3,000
Exelerate 320	6,000
MIP 205	35,000
Dy-Gest I/ II	350
Ster-Bac	4,000
Oxonnia	4,000
Chlorine XY-12	7,000
Defoamer	2,000

2.3 Location and Certificate of Title

The St. Claude Facility property covers an area of 1.98 acres or 86 200 ft². The approximate coordinates of the northeast property corner are 49°39'25" N , 98°20'48" W, as shown in Figure 4, located approximately 104 km southwest of Winnipeg. Drawings of the Facility and the Facility's water/wastewater systems are provided in Appendix B. A copy of the Certificate of Title has also been provided in Appendix C. The Certificate of Title (number 2280302/4, 2280303/4, 2280303/4, 2280306/4) shows the registered owner, legal description of the land, active instruments, address for service, title district, and land index.



Figure 4. St. Claude Plant Location – Lactalis / Former Parmalat Canada Inc.

2.4 Owner of Land and Mineral Rights

Lactalis does not have mineral rights to the property. Please refer to Appendix D for Crown Land Registry email confirmation of these rights.

2.5 Existing Land Use

The site is located in an rural manufacturing area surrounded by mixed-use developments. The St. Claude Facility is bordered by: a rail line along its north property line, rural/agricultural land along the west property line; a Provincial Road (PR 240s) along the east property line, and some mixed residential along the south property line. Nearby sensitive land uses include a daycare which is located across the street from the Facility, the St. Claude community centre (located approximately 90 m south of the Facility), a war memorial (the St. Claude Cenotaph, located approximately 140 m east of the Facility), and the St. Claude School Complex, located roughly 300 m north of the Facility. Nearby commercial developments include the St. Claude Library which is 0.27 km northeast of the plant. Nearby commercial land uses include the

Pembina Co-op Home centre which is 0.26 km north of the plant, and IDA St. Claude Pharmacy which is 0.35 km south of the plant. No changes to land use are required nor requested under this EAP application. The Facility’s operation currently supports the surrounding land use and community, and is not planning changes.

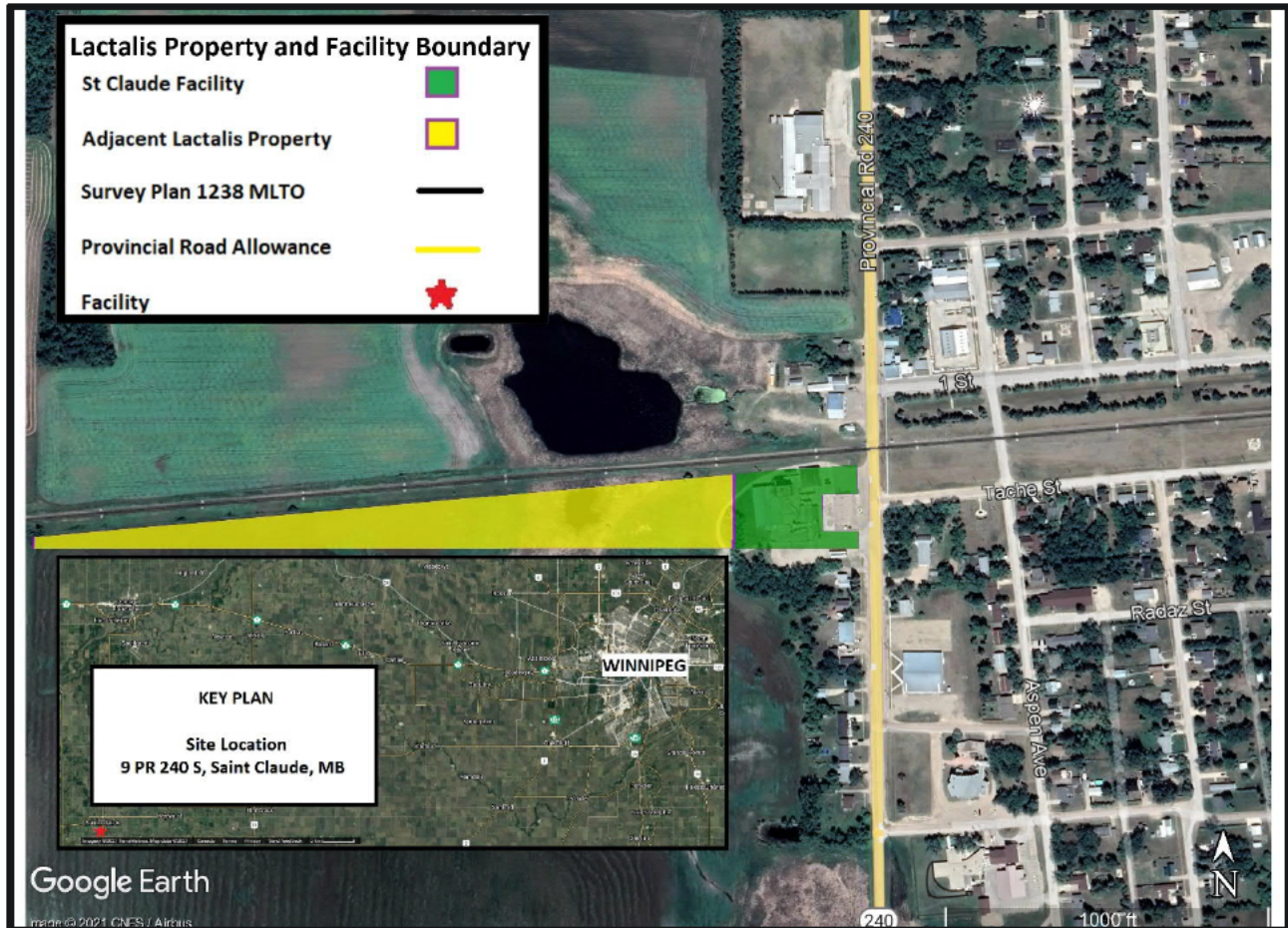


Figure 5. Lactalis Properties and St. Claude Facility Boundary

2.6 Industrial Service Agreement for Wastewater Treatment

The Facility currently discharges wastewater to the Village of St. Claude’s wastewater treatment facilities under an agreement dated January 13th, 1970. The Facility was then owned by Modern Dairies Limited. In 2015 the Village of St. Claude was officially amalgamated into the Rural Municipality of Grey as a requirement of Manitoba’s Municipal Amalgamations Act for municipalities. As part of the agreement, the St. Claude Facility agreed to contribute to the initial capital costs of the Village’s sewage disposal systems and water distribution systems. The Rural Municipality of Grey and the Facility are now entering discussions surrounding revised agreements for the receipt and treatment of the Facility’s wastewater. These discussions are contingent on the outcome of an engineering assessment of the existing wastewater treatment infrastructure which is currently underway by a consultant retained by the Rural Municipality. A copy of the existing agreement is provided in Appendix E.

3 Description of Existing Environment in the Project Area

3.1 Location and Topography

The St. Claude Facility is located approximately 104 km southwest of the City of Winnipeg, and is situated at an altitude of roughly 293 m above sea level. The Facility does not have any significant topographical features, it is located on a relatively flat grade. The Facility’s site and adjoining properties are all relatively flat prairie with no significant elevation changes.

3.2 Climate

Its location has a humid continental climate with the Köppen climate classification of Dfb. The Köppen climate classifications are based on local vegetation, with Dfb representing precipitation year-round, and temperature ranging from -30 ° in the winter to 30 ° in the summer. The nearest weather station is located in the village of St. Claude, (Latitude 49.66, Longitude -98.33) at an elevation of 305 m. The nearest weather station with fulsome historical climate normals data (precipitation and temperature) is located in Rathwell, approximately 14 km from St. Claude, at an elevation of approximately 324 m. Figure 5 (accessed from Environment and Climate Change Canada) shows the precipitation and temperature climate normal for Rathwell, charted on a monthly basis

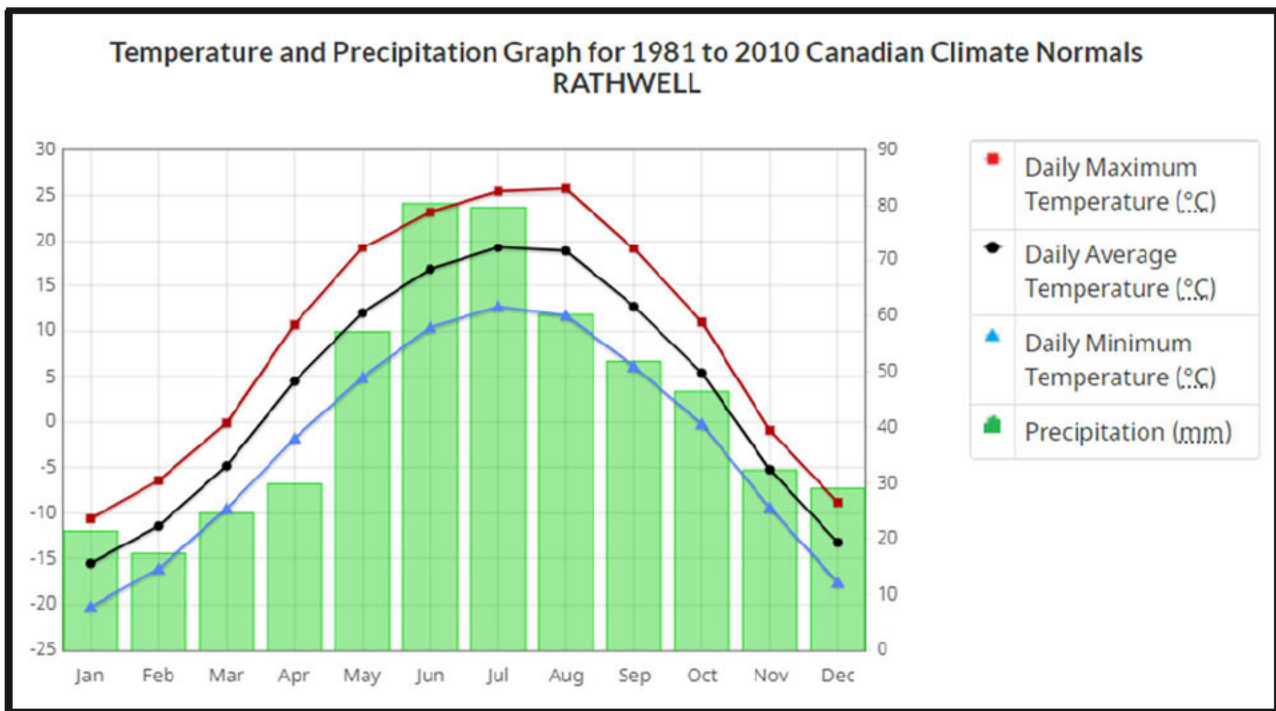


Figure 6. Temperature and Precipitation Normals for Rathwell, MB, (Accessed Online from Environment and Climate Change Canada, 2021)

3.3 Wildlife, Fisheries, and Vegetation

The native vegetation in the surrounding area typically consists of tall prairie grass and meadow grass. Native vegetation does not substantively occur at the existing Facility, it is anticipated that it was mostly removed during the initial construction of the facility in 1920. A small amount of vegetation on the site consists of various grass and weed species. A search of the Manitoba Conservation Data Centre's (CDC) rare species database of the area surrounding the Facility was completed by the Manitoba Conservation Data Centre (see communication in Appendix I) in August 2021. This included the primary location: SE-16-008-07W1; and a 2 km radius buffer from the footprint boundary. The search was completed by an Information Manager at the Manitoba Conservation Data Centre Wildlife, Fisheries, and Resource Enforcement Branch. The search results indicated that one threatened species (Bank Swallow, SRANK S4) may reside in the same quadrant of the Facility. The Bank Swallow was last observed in the quadrant on June 19th 2013. As part of this application there are no new disturbances planned. It should also be noted that the properties abutting the Facility are actively used farmland, rail, residential, and commercial. The Facility is not directly adjacent to any natural environmental features (forests, prairie, wetland, etc.). The Facility is not located adjacent to any significant fisheries or fish habitat. Based on the above, no sensitive fisheries, vegetations or wildlife species are expected to be disturbed by the Facility. Figure 6 shows the search area in reference to the St. Claude Facility.

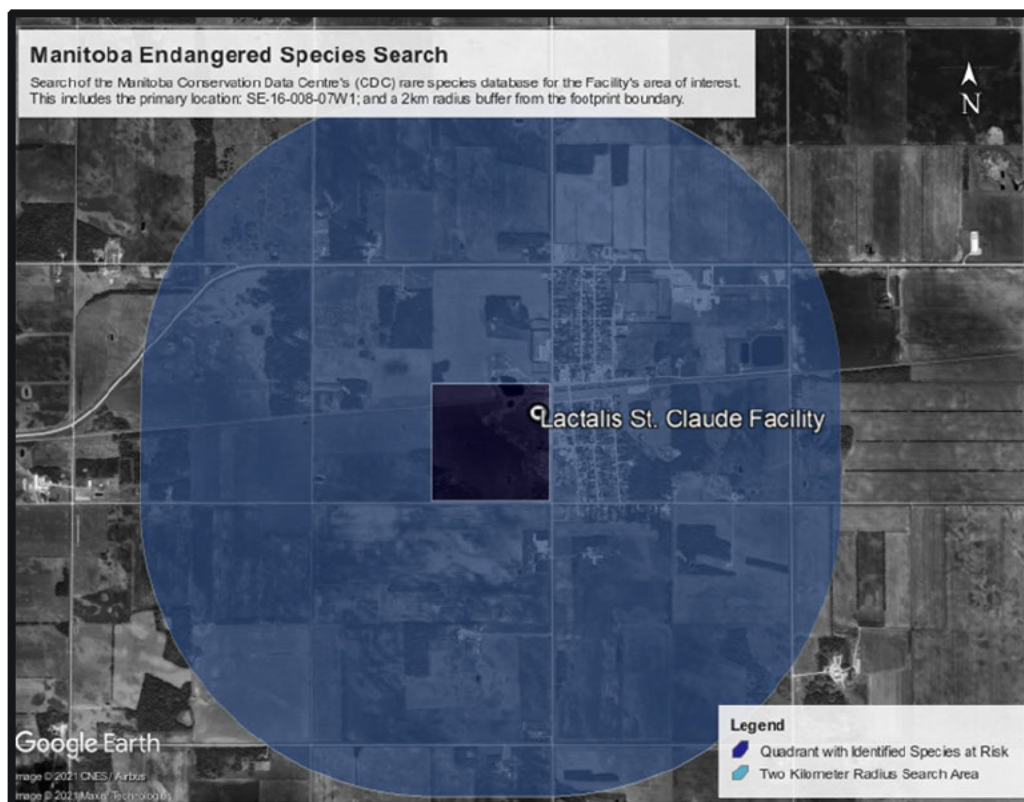


Figure 7. Manitoba Endangered Species Search Area

3.4 Agriculture, Mining, Forestry

Agriculture occurs significantly in the surrounding area. Mining and forestry do not occur in any known significant quantities in the area. No agriculture, mining, or forestry activities are completed at the existing Facility, or on the Facility’s property. The Facility is not commercially forested.

3.5 Local and Regional Surface Waterbodies

The nearest major water body is Lake Manitoba which is located approximately 59 km north of the Facility. A minor surface water feature, Lac a Parker, is the nearest surface water body. Lac a Parker is located approximately 0.1 km northwest of the Facility. A graded (slightly elevated) railway line runs directly between the Facility boundary and Lac a Parker. It is therefore not expected that any accidentally spilled materials, drainage, or runoff would be directed to Lac a Parker or would result in any impacts. Please refer to Figure 7 below.



Figure 8. Surface Water Features in Relation to the Lactalis St. Claude Facility.

3.6 Heritage Resources

No heritage resources or concerns were recently identified (August 2021) by the Historic Resources Branch, Manitoba Sport, or Culture and Heritage. Correspondence with an Impact Assessment Archaeologist from Manitoba's Historic Resources Branch confirming this is provided in Appendix F.

4 Description of Environmental and Human Health Effects of the Proposed Development

4.1 Wildlife, Fish, Habitat and Vegetation

The plant's location does not impact any wildlife, fish, habitat, or vegetation that is sensitive to human disturbance. The Current Facility was constructed in 1967 and has been in continuous operation for decades with no reported or known significant impacts to wildlife, fish, habitat, or vegetation. There are no significant additions planned for the Facility (likely to be some minor maintenance/repair activities only on an as-needed basis) and therefore no significant impacts are expected.

The Facility does not directly discharge any wastewater to the natural environment. All wastewater is discharged to infrastructure owned and operated by the Regional Municipality of Grey. With this in mind, the province of Manitoba also conducts an annual stock assessment on all commercial fisheries to monitor populations to ensure the sustainability of Manitoba's fisheries. This supports efforts to conserve, evaluate, restore, and enhance both fish communities and aquatic ecosystems to achieve a net gain in healthy, productive fish stock. Fisheries and Oceans Canada also provides the Stewardship-In-Action Initiative which provides financial support to Manitoba to support regional watershed and local community groups to support their fisheries. No significant impacts to fisheries are expected from this Facility.

The effect of the Facility's continued operations on wildlife, fish, habitats, and vegetation is anticipated to be negligible.

4.2 Air Emissions

The Facility maintains an up-to-date inventory of all potential air emissions and noise sources at the site. The Facility uses natural gas-fired boilers to heat raw milk as part of the processing. There are two Clayton SFG-150M-1 low volume boilers, one Majonnier wet scrubber, one Majonnier TDRF-12 evaporator, one Majonnier D4-12 dryer, and two BAC VT0-102-LDR & Evapco AT 14-2F9 cooling towers at the plant. Greenhouse gas emissions are approximately 4,500 tonnes of CO₂e per year which are below the threshold required for reporting to Canada's Greenhouse Gas Reporting Program. Ozone depleting substance (ODS) are contained in some equipment, with the largest units not containing more than 4 kg of ODS. This indicates that all of the units and ODS' used onsite are below the thresholds of declaration under the Ozone Depleting Substances and Other Halocarbons Regulation 103/94. No significant new construction is required for this development, the Facility is already constructed, and therefore there are no expected construction related air impacts, such as fugitive dust generation from the movement of construction equipment.

4.3 Noise and Odour Impacts

There are no concerns regarding noise or odour from the plant. The Facility has not recently (past ten years) received any noise or odour complaints. The Facility is also not aware of any complaints that may have occurred prior to this. The Facility does not have an emergency generator. There are no significant noise concerns expected at the facility. The Facility maintains an up to date inventory of potentially significant noise sources. Noise is typically generated from routine operation of processing equipment and from trucks coming and leaving the site. No significant new construction is required for this development, the Facility is already constructed, and therefore there are no expected construction related noise impacts.

4.4 Aesthetics

The St. Claude facility is not expected to have any aesthetic impacts to the community. There are no planned changes to the building envelopes and therefore no expected changes to the aesthetics of the Facility.

4.5 Wastes

All wastes are sent off site for recycling or disposal by qualified third parties. While onsite, wastes are stored in a designated waste room, and are managed in a manner consistent with industry best practices that prevents litter and fugitive wastes from leaving the waste storage area (see Figure 8).

Container materials at the site are compatible with the waste storage and labelled with the name of the waste stream. They are recycled or disposed of as per regulatory requirements. Waste generation is tracked and inventories are kept up to date on a quarterly basis at minimum, with annual records being tracked. The Facility has up-to-date documentation of licenses and approvals on file for all contractors hired to haul waste from the site. Waste service providers' are RDG Yard care, Portage recycling, and Allkleen septic. Notre Dame Used Oil is the contractor used for pickup and recycling of used oil and batteries. Notre Dame Used Oil also serves as the Facility's general hazardous waste services provider. Hazardous wastes are properly stored to prevent leaks or spills of the waste and prevent damage to or deterioration of the containers. RDG Yard care, Portage recycling, and Allkleen septic are also retained to provide the Facility with services for waste and recyclables management.

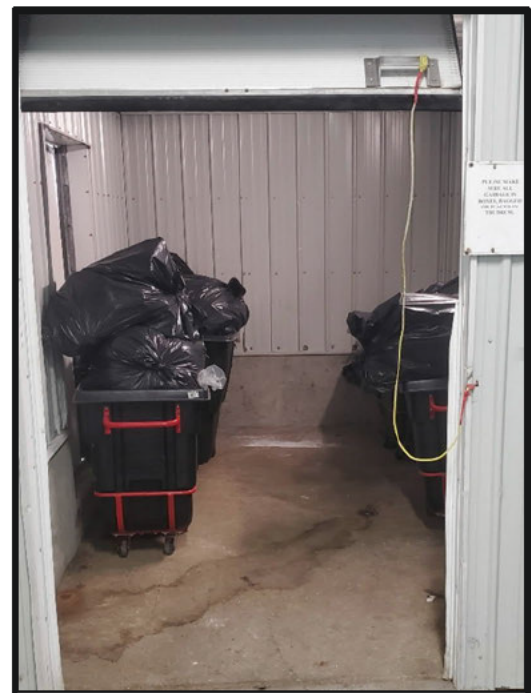


Figure 9. Designated Waste Storage Room

4.6 Wastewater

The plant generates an average of 127 m³ of wastewater per day. Prior to being released to the municipal sewer system, wastewater is held and pre-treated with aluminum sulphate (minimum once per day). Before the alum treatment, all water is sampled and analyzed for COD and pH. A drawing of the Facility's sewer lines is provided in Appendix B. Figure 9 shows the drain in the raw area discharge to the wash bay pit. This pit pumps wastewater to the chill water room pit, this pump also receives all drains from the process area (Figure 9).

Wastewater is pumped from the chill water room pit to the outside pits (Figure 11). In the line there is a flowmeter and 24 hours sampler. The sample is analyzed once per day at 9 am to check COD and pH. Outside pits discharge to the sewer line. If a large spill occurs, all pumps are shut down to contain the spill within the Facility and the Facility follows prescribed steps as per the emergency spill response plan.



Figure 10. Receiving Bay Pit



Figure 11. Chill Water Room Pit



Figure 12. Outside Pits

The sewer and drain map, provided in Appendix B, were verified for accuracy in 2020 and 2021.

4.7 Health and Safety

The potential impact on human health and safety during the operation of the plant is minimal. Lactalis has a Spill Response Plan that outlines prevention, preparedness, and response to spills and emergencies (Appendix G). The Lactalis Facility is also Safe Work Certified, confirming that the Facility has met the safe work standards for occupational health and safety for the province of Manitoba. The Safe Work certification last occurred in September 2020, and will be required to be renewed in 2023. A copy of the Facility's Safe Work Certificate is provided in Appendix H.

4.8 Indigenous Communities

The Facility is not anticipated to have any impacts on Indigenous communities. The Facility is already constructed, and no new developments are needed for this EAP.

5 Mitigation Measures to Protect the Environment and Human Health

5.1 Chemicals and Spill Containment

Chemicals are stored in designated chemical storage areas. All chemicals used at the Facility are classified Food Grade chemicals. The Facility has spill kits in all areas of the plant that may have a spill risk. This includes one spill clean-up kit station directly adjacent to the battery charger area and two spill clean-up kits in the warehouse. Any materials spilled in the Facility will be captured by the Facility's sewer system and will be directed to one of the Facility's pits where they can be removed and hauled offsite, preventing discharge to the municipal sewer system. As well, the receiving bay includes spill containment under open drums to prevent any releases off site. The St. Claude Facility has spill kits and materials located in all chemical storage areas. These spill kits are inspected regularly (quarterly), and checked for continued ease of access.

The St. Claude Facility also has implemented a site-specific spill response plan (provided in Appendix G) to mitigate the risks of any adverse impacts of a spill if one were to occur. This plan outlines the Facility's spill response steps, critical contacts (and back-up contacts), as well as employee responsibilities during a spill event. All employees are trained on the basics of the spill response plan. Employee responsibilities are, in summary:

- Alert supervisor immediately;
- If a chemical is noxious and causes irritation, tears, headaches, nausea, dizziness or any other distress symptoms, evacuate immediately;
- Alert other occupants immediately;
- Shutdown any designated equipment, if safe to do so; and,
- Assist injured as required.

This plan includes the policy that all spills must be reported immediately to a Supervisor. The Supervisor will report the incident immediately to the Plant Manager, or next available emergency Facility contact (listed in the Spill Response Plan, which is also posted on the environmental bulletin board in the Facility). The plan outlines that any emergency situation must be reported immediately (when safe to do so) to the Plant Manager. Any persons exposed to hazardous chemicals must be medically assessed and the exposure investigated per the Incident Investigation Policy. Spill Response Training (drill) is completed by at least one employee at the Facility on a regular (typically annually) basis. Spill drills are required to be completed by the Facility's spill team on a quarterly basis.

5.2 Storage and Handling

All individuals who receive or ship dangerous goods are required to complete the mandatory Transportation of Dangerous Goods Act training. There are no underground chemical or fuel storage tanks located at the Facility. Hoses and pumps used to transfer raw materials or chemicals are maintained and inspected regularly to ensure that they are in good condition so as to prevent leaks or spills. If during

inspection a hose is found to have physical wear, or potential weak points it is removed from operation and replaced. The Facility checks quarterly that all employees who are receiving and shipping dangerous goods have up to date training.

5.3 Monitoring, Sampling and Testing

The Facility regularly samples and tests its wastewater prior to discharge to the municipal sewer system. Wastewater is first discharged to onsite holding tanks (the “pits”). Wastewater in the pits is tested daily and pre-treated with 430 grams of aluminum sulphate once per day prior to being released to the St. Claude sewer system. If a large spill occurs, all pumps are shut down and a third party contractor (AllKleen) is called to empty the pits and properly dispose of any spilled materials or contaminated wastewater. Wastewater is pumped from the chill water room pit to the outside pits (as shown in Figure 11). In the line there is a flowmeter and 24 hours sampler. The sample is analyzed once per day at 9 am to check COD and pH. Outside pits discharge to the sewer line. Wastewater is then treated by the Village of St. Claude’s wastewater treatment system under an existing agreement. The Facility is in regular contact with the Village of St. Claude, as per their agreement. A copy of this agreement is provided in Appendix E

5.4 Protection of Environmental and Human Health

Lactalis has a thorough Environmental Management Manual and Spill Response Plan (Appendix G) that is effectively communicated and available for workers to use to protect both the environment and human health. All employees are required to report any spills or releases of materials. Employees are also required to complete training specified by the Facility. Depending on an employees role at the Facility this training may include:

- Lift Truck Safety Awareness;
- Slips, Trips, and Falls Training;
- GHS Labes Training;
- Emergency Preparedness Trainnig; and,
- Confined Spaces: Basics Training.

The Facility maintains an active Health, Safety, and Environment board where all required documentation and plans for employees is posted, see Figure 12 and Figure 13. As a minimum, the following is posted:

- Environmental Policy,
- Spill Prevention Plan,
- Emergency Response Plan,
- Names and contact information for the Spill Response Team,
- Reports, Permits, Orders, that are required by law to be made accessible to all employees,

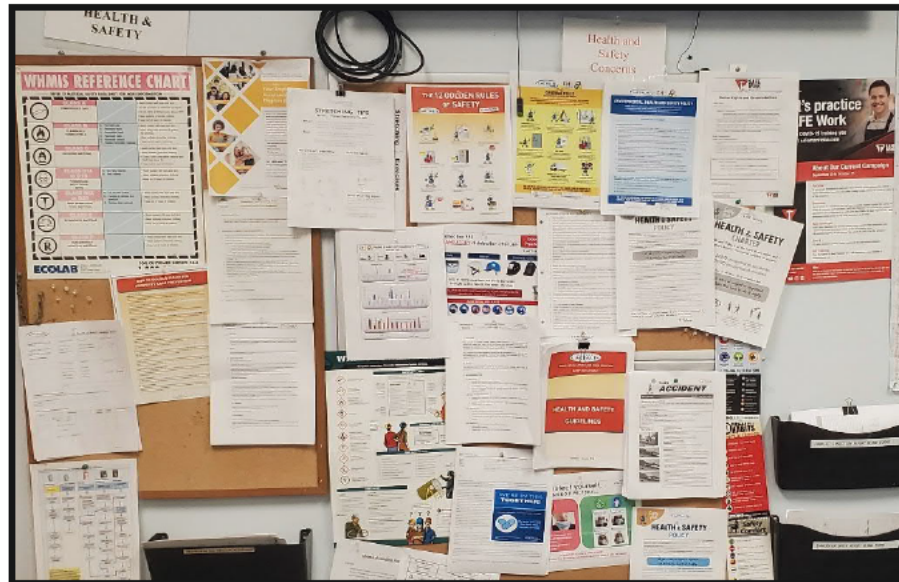


Figure 13. Health and Safety Bulletin Board

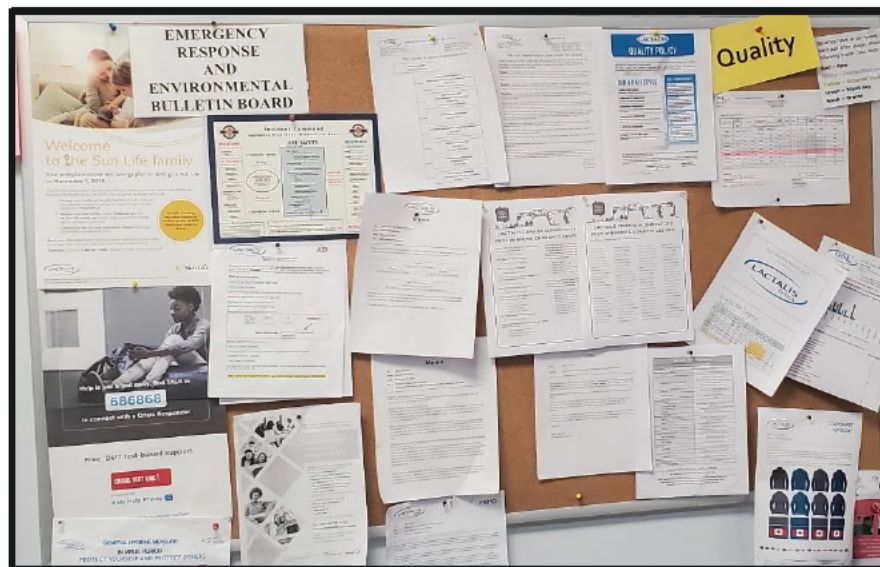


Figure 14. Emergency Response and Environment Bulletin Board

6 Follow-up Plans, Including Monitoring and Reporting

The Lactalis St. Claude facility will remain in compliance with all applicable environmental, health, and safety regulations. All environment, health, and safety policies to protect the health and safety of the Facility's workers, the natural environment, and the community will continue to be implemented. All required procedures will be followed, and personal protective equipment will be worn. Any environmental spills or incidents will be recorded and reported in a timely manner. Lactalis will continue to engage the Regional Municipality of Grey on any significant wastewater matters, and will continue discussions to seek a revised wastewater services agreement, if desired by the municipality.

7 Funding

Lactalis privately funds the planning, monitoring, and reporting of operations at the St. Claude location. Lactalis has engaged Regional Municipality of St. Claude regarding their wastewater discharge agreement and will be continue to be open to discussions.

8 Public Consultation

It is expected that any public comments will be received by Manitoba Conservation and Climate through the public registry during the Environmental Act Proposal review period. No other public consultation will be completed through by Lactalis.

9 Conclusion

In conclusion, the St. Claude plant requires an Environment Act License for continued operation in accordance with the Environment Act and the Classes of Development Regulation. This EAP submission to Manitoba Conservation and Climate is for the Environmental Assessment Branch's review and approval of the St. Claude Facility. No adverse environmental effects were identified. The continued operation of the Facility as described within this EAP is not anticipated to cause any adverse effects to human health, the community, or the natural environment. We trust the information provided meets MCC's requirements.

10 Closing

SCV Consulting Ltd. (SCV) has prepared this report in accordance with generally accepted standards and practices of professional services. The report relies on data and information that was provided by Lactalis and 3rd Parties (example: Government of Manitoba). To the best of SCV's knowledge the information and data contained in this report is accurate, however SCV does not guarantee the accuracy and reliability of the information provided by other persons or 3rd Parties. SCV's findings and assessments are professional opinions based on our understanding of the Facility and its operations based on the information provided to SCV at the time of our assessment. Any use, reliance on, or decisions based on this report by a third party, are the responsibility of such third parties. SCV does not accept any responsibility for any damages or harm suffered by any third party that are the result of actions made or decisions based on this report. We trust the information provided is sufficient to meet MCC's requirements. Please do not hesitate to contact the undersigned should you have any questions or require any clarifications.

Sincerely,

SCV CONSULTING LTD.



Kevin Poirier, P.Eng., CSR-P.
Director and Principal Consultant
SCV Consulting Ltd.

Appendix A - St Claude Environmental licence



Province of Manitoba
Clean Environment Commission
Office of the Chairman

Box 4, 139 Tuxedo Avenue
Winnipeg, Manitoba
R3N 0H6

REGISTERED

FILE: C-b-182

November 15th, 1974


Modern Dairies Limited
St. Claude Creamery
St. Claude, Manitoba
ROG 1Z0

Dear Sir:

Herewith Order No. 408 of The Clean Environment Commission dated November 15th, 1974, issued in relation to an application to prescribe limits in connection with the disposal of first rinse waste water arising from the operation of a creamery manufacturing butter and powdered milk and located in 16-8-7 WPM in the R.M. of Grey just West of the Village of St. Claude, Manitoba.

Should you require any clarification with respect to any of the clauses of this order please contact the Environmental Management Division, Department of Mines, Resources and Environmental Management, Box 7, 139 Tuxedo Avenue, Winnipeg Manitoba, Telephone 489-4511 Local 244.

Yours truly,


Guy E. Moore,
Chairman

GEM/lc

cc: Environmental Management Division
Attention: Mr. G. A. McLeod
Environmental Control.

AN ORDER OF THE CLEAN ENVIRONMENT COMMISSION

UNDER THE CLEAN ENVIRONMENT ACT

RE: THE CLEAN ENVIRONMENT COMMISSION and MODERN DAIRIES LIMITED, Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, Modern Dairies Limited submitted an application to The Clean Environment Commission to prescribe limits in connection with the disposal of first rinse waste water arising from the operation of a creamery manufacturing butter and powdered milk and located in 16-8-7 WPM in the R.M. of Grey just west of the Village of St. Claude, Manitoba,

AND WHEREAS the said first rinse waste water is collected at the site of the said operation and during the summer months disposed of by irrigation and fertilization of cropland in the R.M. of Grey, and during the winter months is deposited in a disposal area on property owned or lawfully controlled by the said Applicant in 22-8-8 WPM in the R.M. of South Norfolk,

AND WHEREAS liquid wastes, other than the said first rinse waste water, are either discharged to the sewerage system of the Village of St. Claude or otherwise removed and disposed of,

AND WHEREAS no representation was made to the said Commission by any person who is, or is likely to be, affected by an Order of the said Commission prescribing limits in connection with the disposal of first rinse waste water from the said operation,

AND WHEREAS The Clean Environment Commission considered the application on the 4th day of November, 1974,

IT IS HEREBY ORDERED THAT

1. The Applicant shall ensure that all first rinse waste water* originating from the said operation is subject to disposal:
 - (a) by application to cropland owned or lawfully controlled by the applicant or to cropland owned by others but with formal arrangement for this purpose, during the period from the 16th day of May to the 31st day of October, of any one year, except at times when such application to cropland is rendered impracticable by reason of inaccessibility,

1. cont'd . . .
 - (b) by application to the said disposal area during the period of the 1st day of November of any year to the 15th day of May of the year following, and at other times when application to cropland is rendered impracticable by reason of inaccessibility,

2. The Applicant shall ensure that the said disposal area is operated and maintained in such a manner as to:
 - (a) prevent the contamination of any body of water**
 - (b) prevent the creation of any insanitary condition,
 - (c) prevent the contamination of groundwater,
 - (d) prevent the deposition of any waste other than first rinse waste water*, and
 - (e) minimize the release of malodour,

3. The Applicant shall ensure that the application of first rinse waste water* to cropland is carried out in such a manner as to:
 - (a) prevent ponding,
 - (b) prevent the creation of insanitary conditions,


3. cont'd . . .

- (c) prevent the contamination of groundwater,
- (d) prevent the deposition of any waste other than first rinse waste water*,
- (e) prevent the contamination of any body or water**, and
- (f) prevent the application of wastes on cropland within 100 feet of any water well.

Order No. 408

Dated at the City of Winnipeg

this 15th day of NOVEMBER, 1974.


Chairman
Clean Environment Commission

C-b-182

- * In this Order "first rinse waste water" means water, containing no cleaning agents, disinfecting agents, or other chemical additives, that has been used to rinse machinery and equipment used for the manufacture or handling of dairy products or milk in the St. Claude Creamery plant.

- ** In this Order "body of water" means any body of flowing or standing water whether naturally or artificially created.

Appendix B - Lactalis Facility Diagram and Sewer Map (PL-GE-001)

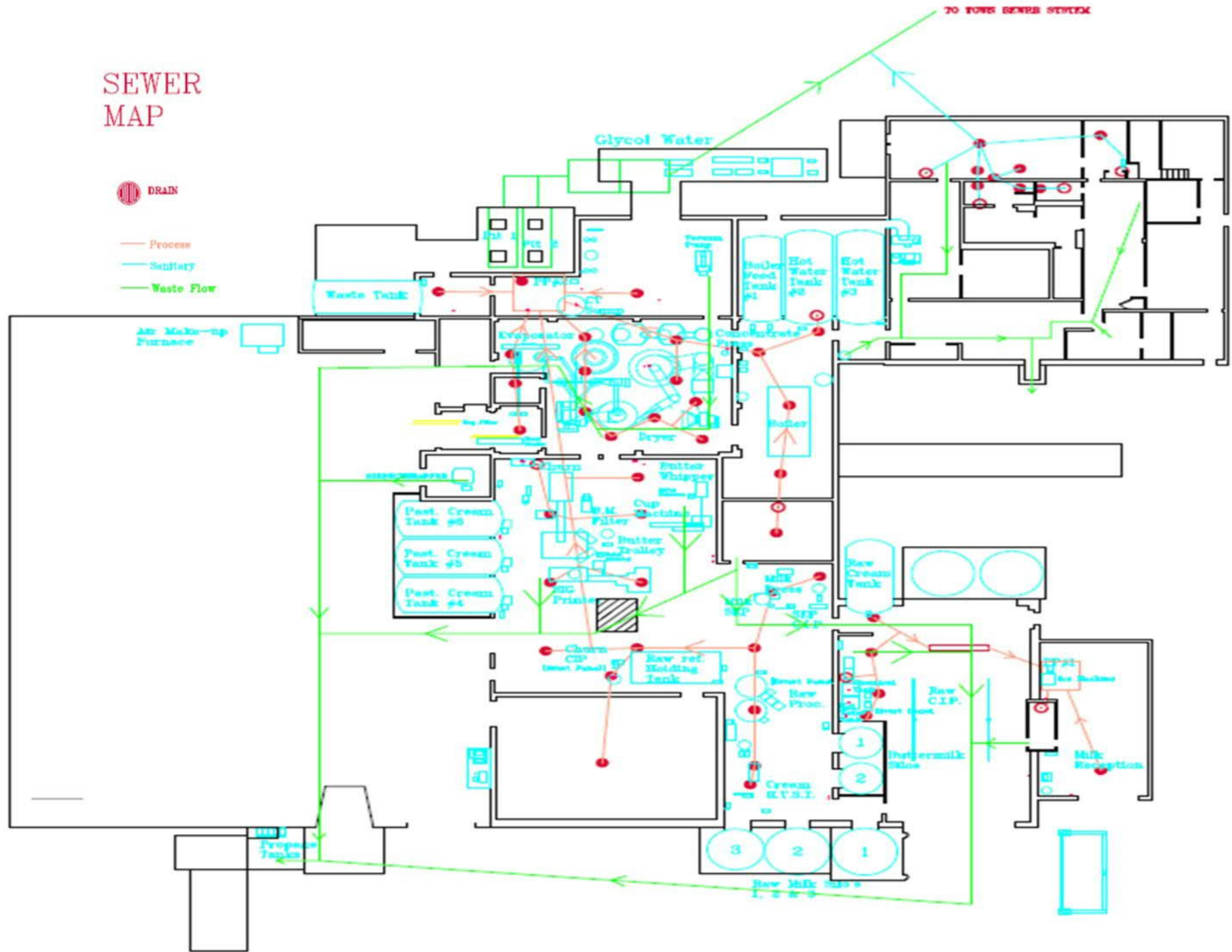
SEWER MAP



Process

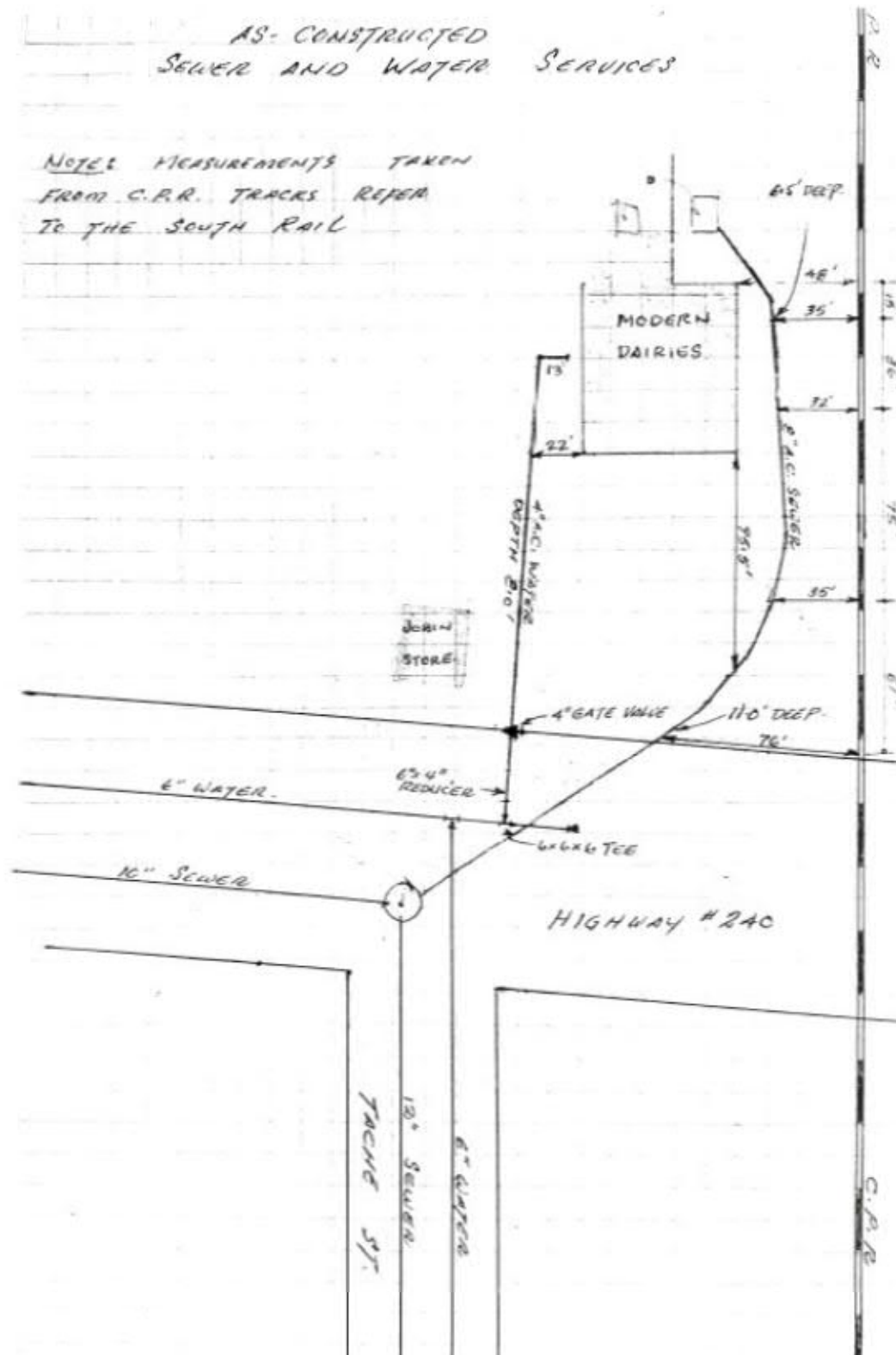
Sanitary

Waste Flow



AS-CONSTRUCTED SEWER AND WATER SERVICES

NOTES: MEASUREMENTS TAKEN
FROM C.P.R. TRACKS REFER
TO THE SOUTH RAIL





QUALITY SYSTEM LACTALIS - ST. CLAUDE

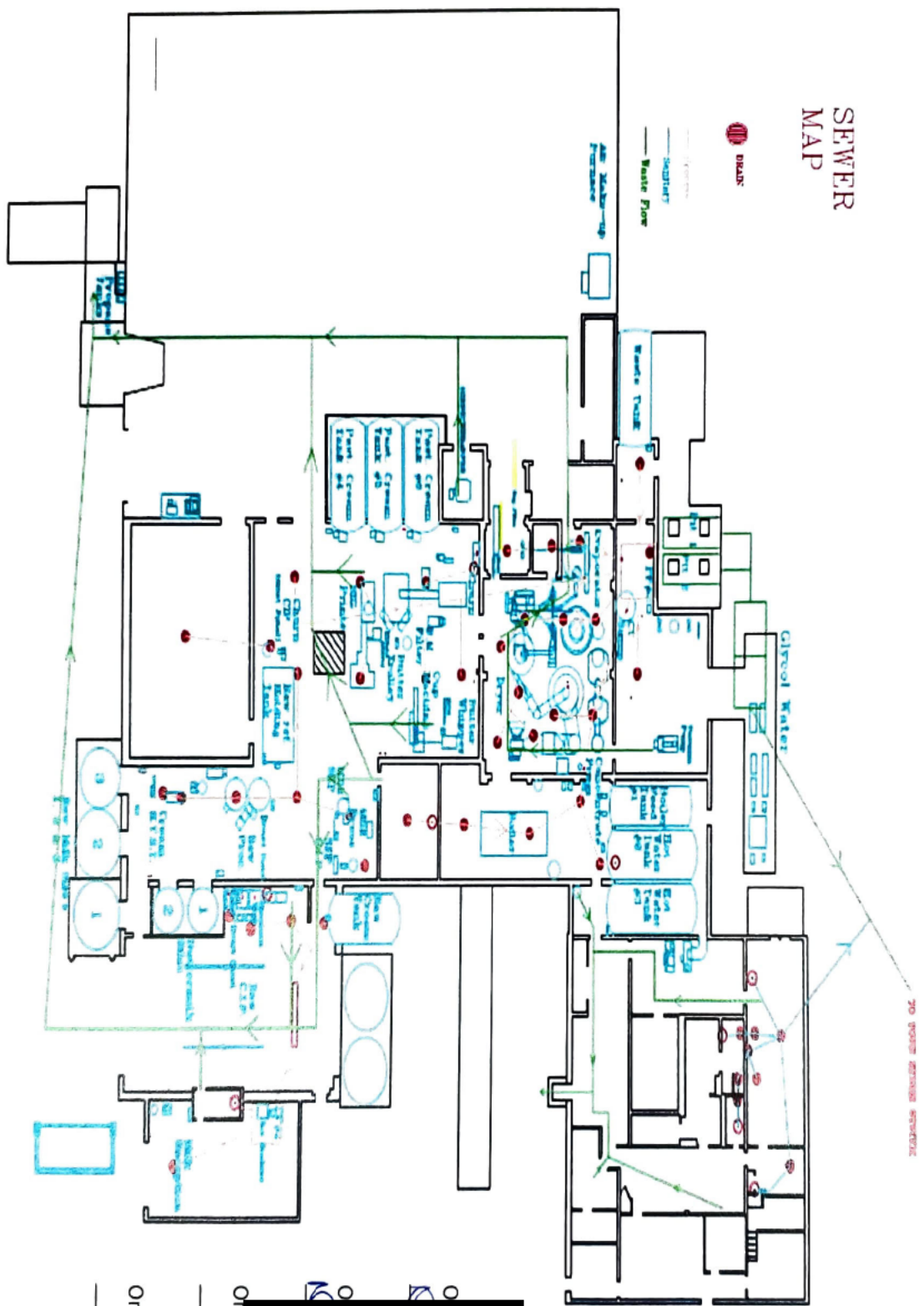


Section: Plant Diagrams
Change Control # 2020-08
Page 1 of 2

Document No : PL-GE-001
Revision date: March 2, 2020
Replaces: July 24, 2014

Title: SEWAGE/WASTE LINE DIAGRAM

SEWER
MAP



- Verification & Date
MAR 02 2020
- Verification & Date
MAR 25 2021
- On-Site Verification & Date
- On-Site Verification & Date
- On-Site Verification & Date

Appendix C - Certificates of Title

STATUS OF TITLE

Title Number **2280302/4**

Title Status **Accepted**

Client File



1. REGISTERED OWNERS, TENANCY AND LAND DESCRIPTION

PARMALAT CANADA INC.

IS REGISTERED OWNER SUBJECT TO SUCH ENTRIES RECORDED
HEREON IN THE FOLLOWING DESCRIBED LAND:

LOT 1 PLAN 1238 MLTO (C DIV)
IN SE 1/4 16-8-7 WPM
EXCEPTING - ALL MINES AND MINERALS AS SET FORTH
IN THE ORIGINAL GRANT FROM THE CROWN

The land in this title is, unless the contrary is expressly declared, deemed to be subject to the reservations and restrictions set out in section 58 of *The Real Property Act*.

2. ACTIVE INSTRUMENTS

No active instruments

3. ADDRESSES FOR SERVICE

PARMALAT CANADA INC.
405 THE WEST MALL
SUITE 1000
TORONTO ON
M9C 5J1

4. TITLE NOTES

No title notes

5. LAND TITLES DISTRICT

Morden

6. DUPLICATE TITLE INFORMATION

Duplicate not produced

7. FROM TITLE NUMBERS

2171903/4 All

8. REAL PROPERTY APPLICATION / CROWN GRANT NUMBERS

No real property application or grant information

9. ORIGINATING INSTRUMENTS

Instrument Type: **Request To Issue Title**
Registration Number: **1120217/4**

Registration Date: 2008-02-07
From/By: PARMALAT CANADA INC.
To:
Amount:

10. LAND INDEX

Lot 1 Plan 1238
SE 1/4 16-8-7W EXC M & M

CERTIFIED TRUE EXTRACT PRODUCED FROM THE LAND TITLES DATA STORAGE
SYSTEM OF TITLE NUMBER 2280302/4

STATUS OF TITLE

Title Number **2280303/4**

Title Status **Accepted**

Client File



1. REGISTERED OWNERS, TENANCY AND LAND DESCRIPTION

PARMALAT CANADA INC.

IS REGISTERED OWNER SUBJECT TO SUCH ENTRIES RECORDED
HEREON IN THE FOLLOWING DESCRIBED LAND:

LOT 2 PLAN 1238 MLTO (C DIV)
IN SE 1/4 16-8-7 WPM
EXCEPTING - ALL MINES AND MINERALS AS SET FORTH
IN THE ORIGINAL GRANT FROM THE CROWN

The land in this title is, unless the contrary is expressly declared, deemed to be subject to the reservations and restrictions set out in section 58 of *The Real Property Act*.

2. ACTIVE INSTRUMENTS

No active instruments

3. ADDRESSES FOR SERVICE

PARMALAT CANADA INC.
405 THE WEST MALL
SUITE 1000
TORONTO ON
M9C 5J1

4. TITLE NOTES

No title notes

5. LAND TITLES DISTRICT

Morden

6. DUPLICATE TITLE INFORMATION

Duplicate not produced

7. FROM TITLE NUMBERS

2171904/4 All

8. REAL PROPERTY APPLICATION / CROWN GRANT NUMBERS

No real property application or grant information

9. ORIGINATING INSTRUMENTS

Instrument Type: **Request To Issue Title**
Registration Number: **1120217/4**

Registration Date: 2008-02-07
From/By: PARMALAT CANADA INC.
To:
Amount:

10. LAND INDEX

Lot 2 Plan 1238
SE 1/4 16-8-7W EXC M & M

CERTIFIED TRUE EXTRACT PRODUCED FROM THE LAND TITLES DATA STORAGE
SYSTEM OF TITLE NUMBER 2280303/4

STATUS OF TITLE

Title Number **2280305/4**

Title Status **Accepted**

Client File



1. REGISTERED OWNERS, TENANCY AND LAND DESCRIPTION

PARMALAT CANADA INC.

IS REGISTERED OWNER SUBJECT TO SUCH ENTRIES RECORDED
HEREON IN THE FOLLOWING DESCRIBED LAND:

LOT 3 PLAN 1238 MLTO (C DIV)
IN SE 1/4 16-8-7 WPM
EXCEPTING - ALL MINES AND MINERALS AS SET FORTH
IN THE ORIGINAL GRANT FROM THE CROWN

The land in this title is, unless the contrary is expressly declared, deemed to be subject to the reservations and restrictions set out in section 58 of *The Real Property Act*.

2. ACTIVE INSTRUMENTS

No active instruments

3. ADDRESSES FOR SERVICE

PARMALAT CANADA INC.
405 THE WEST MALL
SUITE 1000
TORONTO ON
M9C 5J1

4. TITLE NOTES

No title notes

5. LAND TITLES DISTRICT

Morden

6. DUPLICATE TITLE INFORMATION

Duplicate not produced

7. FROM TITLE NUMBERS

2171906/4 All

8. REAL PROPERTY APPLICATION / CROWN GRANT NUMBERS

No real property application or grant information

9. ORIGINATING INSTRUMENTS

Instrument Type: **Request To Issue Title**
Registration Number: **1120217/4**

Registration Date: 2008-02-07
From/By: PARMALAT CANADA INC.
To:
Amount:

10. LAND INDEX

Lot 3 Plan 1238
SE 1/4 16-8-7W EXC M & M

CERTIFIED TRUE EXTRACT PRODUCED FROM THE LAND TITLES DATA STORAGE
SYSTEM OF TITLE NUMBER 2280305/4

STATUS OF TITLE

Title Number **2280306/4**
Title Status **Accepted**
Client File



1. REGISTERED OWNERS, TENANCY AND LAND DESCRIPTION

PARMALAT CANADA INC.

IS REGISTERED OWNER SUBJECT TO SUCH ENTRIES RECORDED
HEREON IN THE FOLLOWING DESCRIBED LAND:

LOTS 4, 5, 6 AND 8 PLAN 1238 MLTO (C DIV)
IN SE 1/4 16-8-7 WPM
EXCEPTING - ALL MINES AND MINERALS AS SET FORTH
IN THE ORIGINAL GRANT FROM THE CROWN

The land in this title is, unless the contrary is expressly declared, deemed to be subject to the reservations and restrictions set out in section 58 of *The Real Property Act*.

2. ACTIVE INSTRUMENTS

Instrument Type: **Caveat**
Registration Number: **1098949/4**
Instrument Status: **Accepted**

Registration Date: 2006-05-08
From/By: MTS ALLSTREAM INC.
To: BRENDA MATTE, AS AGENT

Amount:
Notes: SLY 2.1 M PERP OF LOT 4
Description: EASEMENT AGREEMENT DATED 1993/10/21

3. ADDRESSES FOR SERVICE

PARMALAT CANADA INC.
405 THE WEST MALL
SUITE 1000
TORONTO ON
M9C 5J1

4. TITLE NOTES

No title notes

5. LAND TITLES DISTRICT

Morden

6. DUPLICATE TITLE INFORMATION

Duplicate not produced

7. FROM TITLE NUMBERS

2171907/4 All

8. REAL PROPERTY APPLICATION / CROWN GRANT NUMBERS

No real property application or grant information

9. ORIGINATING INSTRUMENTS

Instrument Type: **Request To Issue Title**

Registration Number: **1120217/4**

Registration Date: 2008-02-07

From/By: PARMALAT CANADA INC.

To:

Amount:

10. LAND INDEX

Lot 4 Plan 1238
SE 1/4 16-8-7W EXC M & M

Lot 5 Plan 1238
SE 1/4 16-8-7W EXC M & M

Lot 6 Plan 1238
SE 1/4 16-8-7W EXC M & M

Lot 8 Plan 1238
SE 1/4 16-8-7W EXC M & M

**CERTIFIED TRUE EXTRACT PRODUCED FROM THE LAND TITLES DATA STORAGE
SYSTEM OF TITLE NUMBER 2280306/4**

**Appendix D - SCV Consulting Mail -
RE_ Environment Act Proposal -
Lactalis Canada Facility in St. Claude -
Mineral rights information request**



Kevin Poirier <kpoirier@scvconsultingltd.com>

RE: Environment Act Proposal - Lactalis Canada Facility in St. Claude, RM of Grey - Mineral rights information request

1 message

McCartney, Erin (CEN) <Erin.McCartney@gov.mb.ca>
To: Kevin Poirier <kpoirier@scvconsultingltd.com>

Thu, Aug 19, 2021 at 11:56 AM

Hi Kevin, according to our records as of this date, the SE 16 08 07 WPM (153 97 acres) excluding the Railway ROW was transferred by the Dominion of Canada along with the sand and gravel in 1896; the Crown retained the Mines and Minerals The subject area of your inquiry is SW of the ROW and my comments are as follows

- Title 2280305/4 excludes all mines and minerals as set forth in the original Grant from the Crown; therefore the mines and minerals are Crown owned and the sand and gravel is owned by the registered owner for the land described therein.
- Title 2280303/4 excludes all mines and minerals as set forth in the original Grant from the Crown; therefore the mines and minerals are Crown owned and the sand and gravel is owned by the registered owner for the land described therein.
- Title 2280306/4 excludes all mines and minerals as set forth in the original Grant from the Crown; therefore the mines and minerals are Crown owned and the sand and gravel is owned by the registered owner for the land described therein.
- Title 2280302/4 excludes all mines and minerals as set forth in the original Grant from the Crown; therefore the mines and minerals are Crown owned and the sand and gravel is owned by the registered owner for the land described therein.

Should you require anything further may I please hear from you.

Erin McCartney

Crown Lands Registrar, Real Estate Services Branch

Asset Management – Central Capital

Manitoba Central Services

[308 - 25 Tupper Street North](#)

[Portage la Prairie, MB, R1N 3K1](#)

Direct Line: 204-239-3805

Manitoba Toll Free 1 866 210 9589

Fax: 204-239-3560

RESInfo@gov.mb.ca

CONFIDENTIAL NOTICE: This e-mail message (including any attachments) is confidential and may also be privileged, and all rights to privilege are expressly claimed and not waived. Any use, distribution, copying or disclosure of this message and any attachments, in whole or in part, by anyone other than the intended recipient is strictly prohibited. If you have received this message in error, please notify the sender and delete all copies. Thank you.

From: Kevin Poirier <kpoirier@scvconsultingltd.com>

Sent: August-18-21 9:03 AM

To: McCartney, Erin (CEN) <Erin.McCartney@gov.mb.ca>

Subject: Environment Act Proposal - Lactalis Canada Facility in St. Claude, RM of Grey - Mineral rights information request

CAUTION: This email originated from an External Sender. Please do not click links or open attachments unless you recognize the source.

ATTENTION: ce courriel provient d'un expéditeur externe. Ne cliquez sur aucun lien et n'ouvrez pas de pièce jointe, excepté si vous connaissez l'expéditeur.

Hi Erin,

We're preparing an EAP for a client, Lactalis Canada, located in St.Claude.

Could you please review the attached 4 Status of Titles and provide comment on the ownership of the mineral rights (Mines and Minerals & Sand and Gravel)? The Municipality is 133- RM of Grey. I've also attached a copy of the property assessment report in case that is helpful.

Thanks,

Kevin

Kevin Poirier, (he/him), P.Eng., CSR-P.
Director & Principal Consultant
SCV Consulting
T – 519.993.8040
E – kpoirier@scvconsultingltd.com
<https://www.scvconsultingltd.com/>

Appendix E - Wastewater City Agreement

DATED: January 13^d, 1970.

BETWEEN:

MODERN DAIRIES LIMITED,

of the First Part,

- and -

THE VILLAGE OF ST. CLAUDE,

of the Second Part.

A G R E E M E N T

File: C - 5673 ASD

THOMPSON, DILTS & COMPANY
Barristers & Solicitors
WINNIPEG MANITOBA



THIS AGREEMENT made the 13 day of JANUARY
1970.

BETWEEN:

MODERN DAIRIES LIMITED
(hereinafter called "Modern")

OF THE FIRST PART,

- and -

THE VILLAGE OF ST. CLAUDE
(hereinafter called the "Village")

OF THE SECOND PART.

WHEREAS By-law No. 60/69 of the Village, inter alia, provides for the construction in Local Improvement District No. 1 of the Village of a sewage disposal system and a water distribution system as a local improvement and authorizes the financing thereof by the issue of debentures of the Village, all as more particularly set forth in said by-law;

AND WHEREAS Modern has agreed to contribute to the initial capital cost of construction the sum of SIXTY THOUSAND DOLLARS (\$60,000.00).



AND WHEREAS the Village proposes to enter into a contract for the construction of the said sewage disposal system and water distribution system;

AND WHEREAS a license must first be had and obtained from the Clean Environment Commission approving the sewage lagoon site and system;

AND WHEREAS there is reason to believe that the Clean Environment Commission will issue a license to the Village, inter alia, permitting the Village for a period of two years from November 24, 1969, to discharge treated sewage and industrial waste effluent into a storage lagoon and hence into roadside ditches;

WITNESSETH that in consideration of the premises and the mutual covenants hereinafter contained, the parties agree as follows:

1. Upon obtaining all necessary licenses the Village will proceed forthwith to construct and install the sewage disposal system and water distribution system authorized by By-law No. 60/69 of the Village to serve the lands and premises situated in Local Improvement District No. 1, including the lands and premises therein owned by Modern and



on which Modern operates the St. Claude Creamery, and the Village will carry such construction and installation to completion without unreasonable delay.

2. Modern will pay to the Village an aggregate sum of SIXTY THOUSAND DOLLARS (\$60,000.00) as follows:

- (a) the sum of FIVE THOUSAND DOLLARS (\$5,000.00) in cash forthwith upon the execution by the Village of a contract in writing between the Village and its contractor for the construction and installation of the aforesaid sewage disposal and water distribution system;
- (b) the balance of FIFTY-FIVE THOUSAND DOLLARS (\$55,000.00) by payments aggregating that amount and payable within seven days after receipt by Modern of copies of progress billings made by the contractor to the Village and certified for payment by the engineer of the Village, such payments to commence with the receipt as aforesaid of the first progress billing and to continue thereafter as successive progress billings are received until the aggregate sum of FIFTY-FIVE THOUSAND DOLLARS (\$55,000.00) has been paid in full by Modern to the Village.



3. All moneys received by the Village from Modern as aforesaid will be paid and applied by the Village on account of the cost of construction and installation of the said sewage disposal system and water distribution system.

4. The design criteria for the sewage disposal system, the control of effluent quality and quantity and the respective responsibilities of the parties for the cost of such control shall be as set out in Appendix "A" hereto.

5. Nothing herein contained affects the rights or obligations of Modern as a ratepayer of the Village.

6. This agreement shall be subject to all necessary licenses required from time to time being had and obtained by the Village, failing which the Village shall be under no obligation to provide to Modern the services herein referred to.

7. The Village will use its best efforts to secure and from time to time maintain all licenses required by law to operate the sewage disposal system and water distribution system referred to herein.

8. Modern will comply with any direction of the Clean Environment Commission respecting the flow and content of



the effluent from the St. Claude Creamery into the sewage disposal system herein referred to.

9. The discharge of industrial waste or sewage from Modern's lands and premises into the sewage disposal system herein referred to shall not exceed the limitation of quantity and strength set forth in Appendix "A" hereto.

10. In case any dispute or question arises between the parties respecting the construction of this agreement, or to any matter or thing provided for in this agreement, such dispute or question shall be referred to the arbitration and award of three arbitrators, one to be appointed by each of Modern and the Village and these two arbitrators to nominate and appoint the third arbitrator. The award of the arbitrators or any two of them shall be in writing and shall be final and binding upon Modern and the Village. The parties shall pay the costs of the arbitrator appointed by them respectively and shall share equally the costs of the third arbitrator and any other costs of the arbitration.

11. Time shall be of the essence.

WITNESS the corporate seals of the parties.

MODERN DAIRIES LIMITED

[Redacted Signature]

President

[Redacted Signature]

Secretary

THE VILLAGE OF ST. CLAUDE

[Redacted Signature]

Mayor

[Redacted Signature]

Secretary-Treasurer



THIS IS APPENDIX "A" to the agreement dated the 3 day of January, A.D. 1970, made between Modern Dairies Limited of the First Part, and The Village of St. Claude, of the Second Part.

- 1 -

ST. CLAUDE - MODERN DAIRIES AGREEMENT
VILLAGE OF ST. CLAUDE SEWAGE TREATMENT FACILITY

The agreement between the Village of St. Claude and Modern Dairies Ltd. regarding the discharge of creamery effluent into the Village sewerage system shall without limiting the generality of the said agreement, be subject to the following terms and limitations.

A) Design Criteria

The creamery shall not discharge into the system sewage flows greater than 40,000 Imperial gallons per day when averaged over a 14-day period. The daily flows when averaged over for 60-day period shall not exceed 36,000 Imperial gallons per day. The strength of the sewage shall not exceed 1,400 p.p.m. (or 500 lb. per day) 5 day B.O.D. The range of pH shall be 6.5 to 10.0.

No whole milk or milk by-product batches shall be dumped into the sewage system. Wash water from the creamery cleanup operations and normal domestic sewage are the only acceptable wastes.

B) Control of Effluent Quality and Quantity

Modern Dairies Ltd. shall maintain continuous flow records of their plant sewage discharge. The flow measurement equipment shall be Arkon Model 6300 Flow Recorder or equivalent complete with integrator, V-notch weir, compressor and controls. The equipment shall have a rated capacity of 5,000 gallons per hour. Copies of the records shall be available for examination by the Village at any time.

Modern Dairies shall further install suitable sampling equipment to permit collection of composite samples for testing purposes. These samples will be submitted to National Testing in Winnipeg for analysis or other approved Chemist. Results of the analysis will be transmitted directly to the Village of St. Claude.



The Village of St. Claude shall have right of access to the plant for purposes of obtaining sewage samples and verification of flow records.

c) Financial Responsibility

The cost of carrying out this program of flow records and sample testing shall be as follows:

Modern Dairies shall pay for recorder installation and maintenance.

St. Claude shall pay for sampling and sample testing.

On the above basis the Village would agree to provide treatment for the creamery waste water in return for the previously agreed upon financial contribution. Creamery waste water in excess of the aforementioned limitations must be alternately treated or reduced in quantity.

The design criteria was established on the basis of flow data provided by Modern Dairies Ltd. and by sample analysis carried out by the Manitoba Department of Health. The most recent sample tested had a 5 day B.O.D. loading of 870 p.p.m. However in view of higher previous sample results the design value of 1,400 p.p.m. was selected. The entire design is based on the present creamery plant size; a major expansion would require additional lagoon treatment cell construction.

The abbreviations herein contained are defined as follows:

pH - Hydrogen-ion concentration

B.O.D. - Biochemical oxygen demand

p.p.m. - parts per million

DATED: February 16th, 1970.

BETWEEN:

MODERN DAIRIES LIMITED,
of the First Part,
- and -

THE VILLAGE OF ST. CLAUDE,
of the Second Part.

A G R E E M E N T

File: C - 5673 ASD

THOMPSON, DILTS & COMPANY
Barristers & Solicitors,
WINNIPEG MANITOBA



THIS AGREEMENT made the 16th day of February,
1970.

BETWEEN:

MODERN DAIRIES LIMITED
(hereinafter called "Modern")

OF THE FIRST PART,

- and -

THE VILLAGE OF ST. CLAUDE,
(hereinafter called "the Village")

OF THE SECOND PART.

WHEREAS by agreement in writing dated the 13th day of January, 1970 (hereinafter referred to as the "Agreement"), the parties hereto made provision, inter alia, for the payment by Modern of a contribution of SIXTY THOUSAND DOLLARS (\$60,000.00) to be paid to the Village for application by the Village against the cost of constructing a sewage disposal system and a water distribution system to serve The Village of St. Claude, in Manitoba, including the premises of Modern situated in the said Village;



**Appendix F - SCV Consulting Mail - RE_
Environment Act Proposal - Lactalis
Canada Facility - Heritage Resources
information request**



Kevin Poirier <kpoirier@scvconsultingltd.com>

RE: Environment Act Proposal - Lactalis Canada Facility in St. Claude, RM of Grey - Heritage Resources information request

1 message

+WPG574 - HRB Archaeology (SCH) <HRB.archaeology@gov.mb.ca>
To: Kevin Poirier <kpoirier@scvconsultingltd.com>

Tue, Aug 31, 2021 at 11:13 AM

Hi Kevin,

No concerns at this time.

If at any time, however, heritage resources are encountered in association with these lands during testing and development, the Historic Resources Branch may require that an acceptable heritage resource management strategy be implemented by the developer to mitigate the effects of development on the heritage resources

If you have any questions or comments, contact the Archaeological Assessment Services Unit as below.

Reid Graham

Impact Assessment Archaeologist

Historic Resources Branch | Manitoba Sport, Culture and Heritage

213 Notre Dame Avenue, Main Floor | Winnipeg, MB | R3B 1N3

Reid.Graham@gov.mb.ca

t. 204.945.2118

From: Kevin Poirier <kpoirier@scvconsultingltd.com>

Sent: August 18, 2021 9:18 AM

To: +WPG574 - HRB Archaeology (SCH) <HRB.archaeology@gov.mb.ca>

Subject: Environment Act Proposal - Lactalis Canada Facility in St. Claude, RM of Grey - Heritage Resources information request

CAUTION: This email originated from an External Sender. Please do not click links or open attachments unless you recognize the source.

ATTENTION: ce courriel provient d'un expéditeur externe. Ne cliquez sur aucun lien et n'ouvrez pas de pièce jointe, excepté si vous connaissez l'expéditeur.

Hello,

We're preparing an EAP for a client, Lactalis Canada, located in St.Claude. It's an existing facility - just updating an old environmental approval.

The lots they own are:

Lots 1, 2, 3, 4, 5, 6, 8 of Plan 1238 SE 1/4 16-8-7W

The Municipality is 133- RM of Grey. I've also attached a copy of the property assessment report in case that is helpful.

Could you please indicate if there are any concerns in regard to Heritage Resources?

Thanks,
Kevin

Kevin Poirier, (he/him), P.Eng., CSR-P.

Director & Principal Consultant

SCV Consulting

T – 519.993.8040

E – kpoirier@scvconsultingltd.com

[https //www.scvconsultingltd.com/](https://www.scvconsultingltd.com/)

Appendix G - Spill Response Plan

SPILL RESPONSE PLAN

PLANT SPILL RESPONSE PROGRAM

NOTE:

Any emergency situation must be reported to the Plant Manager ASAP.

- All persons exposed to hazardous chemicals must be medically assessed and the exposure investigated per the Incident Investigation Policy.

PROCEDURE

Any spill reported from an outside source or noticed by an employee of Parmalat – St. Claude is to be reported immediately to a Supervisor. The Supervisor will report the incident immediately to Plant Manager. If not available, call from the Emergency telephone directory list one of the Crisis Co-ordinators

Spill Response Coordinator

Richard Fay

cell [REDACTED] 204-745-7238

If they are not available, call from the list of back ups below.

Back ups

Adam Clark
Donovan Prejet
Lionel Termorin

[REDACTED]

cell
cell
cell

[REDACTED]

EMPLOYEE RESPONSIBILITY

- ALERT SUPERVISOR IMMEDIATELY
- If a chemical is noxious and causes irritation, tears, headaches, nausea, dizziness or any other distress symptoms EVACUATE IMMEDIATELY
- ALERT OTHER OCCUPANTS IMMEDIATELY
- Shutdown any designated equipment, if safe to do so.
- Assist injured as required.

CRISIS COORDINATOR RESPONSIBILITIES

Act as Spill Response Coordinator

Clean up of the spills will be supervised by the Production Supervisor or the Maintenance Supervisor, who will be trained on spill procedures.

Verify the spill

Identify the chemical

Assign personnel to the spill response

Any statement to the media is to be handled by the Manager or his designate.

Take actions to minimize effects of the spill Contain the spill from the sloughs or the sewer, (eg. using sandbags, building emergency berms, blocking drains and shutting off pit pumps and see MSDS)

Notify authorities and neighbours, call 911 if required

Call spill response companies

COBBES Plumbing and Heating	204-857-6833	
RM Office	204-436-2014	
All Kleen Septic Service	204-749-2133	Cell 204-723-0391

Keep records of the spill

Take samples. Lab must test one set of samples for pH and total solids

The second sample must be sent to an outside lab or frozen for future reference as mutually agreed between the General Manager, Lab Supervisor and the Crisis Coordinator.

Investigate the cause of the spill

Estimate the spill quantity

Estimate the effectiveness of the containment

Interview the employees

Write up a full report on the occurrence as soon as possible, as per Manitoba Regulation 439/87 Environmental Accident Reporting Regulation.

Deal with government investigators

Notify the Ministry of the Environment if required

Ministry of the Environment 204-944-4888

SPILL EQUIPMENT AVAILABLE

- 1) A farm tractor, complete with a front bucket and a grader (**Town office** 204-379-2382)
- 2) 100 G.P.M. Gasoline irrigation pump on site. (Storage shed)
- 3) Shovels scrappers and rakes on site. (Hot water room)
- 4) Sand Bags (Warehouse south wall)
- 5) Truck with 2000 gallon tank
(**All Kleen Septic Service** 204-749-2133 Cell 204-723-0391)
- 6) Various Lab testing equipment (on site)
- 7) Back Hoe (**COBBES Plumbing and Heating** 204-857-6833)

In most cases we can contain spills in the plant or in existing ditches or build a suitable containment fairly quickly.

The following individuals are currently in these positions

Martin Santerre	VP of Manufacturing
Richard Fey	Director of Operations
Eric Leduc	Production Analyst
Nathalie Rey	QC Manager
Donovan Prejet	Production Supervisor
Lionel Tremorin	Production Supervisor
Adam Clark	Maintenance Supervisor

Appendix H - Safe Work Manitoba Safety Certification

SAFE WORK CERTIFIED

THIS CERTIFICATE ACKNOWLEDGES THAT

Lactalis Canada Inc. (539957)

HAS MET THE SAFE WORK CERTIFIED STANDARDS
FOR OCCUPATIONAL SAFETY AND HEALTH IN THE PROVINCE OF MANITOBA.

Made Safe

PARTNER



September 29, 2020

ISSUE DATE

September 29, 2023

EXPIRY DATE

[REDACTED]
L, CHIEF OPERATING OFFICER, SAFE WORK MANITOBA

[REDACTED]
NEAL CURRY, EXECUTIVE DIRECTOR, MADE SAFE

CERTIFICATE # MS36-2020

Appendix I - SCV Consulting Mail - DR
K Poirier SCV 20210819 Lactalis
Canada RM Grey Rare species search



Kevin Poirier <kpoirier@scvconsultingltd.com>

DR K Poirier SCV 20210819 Lactalis Canada RM Grey

1 message

Murray, Colin (ARD) <Colin.Murray@gov.mb.ca>
To: Kevin Poirier <kpoirier@scvconsultingltd.com>

Thu, Aug 19, 2021 at 4:32 PM

Hi Kevin

Thank you for your information request. I completed a search of the Manitoba Conservation Data Centre's (CDC) rare species database for your area of interest. This includes the primary location SE 16 008 07W1; and a 2km radius buffer from the footprint boundary.

I am attaching a Microsoft Excel spreadsheet summarizing these occurrences. The spreadsheet includes scientific and common names, the provincial (SRank) rank for each species as well as the Manitoba Endangered Species and Ecosystem Act, and the federal Committee on the Status of Endangered Wildlife in Canada (COSEWIC) and Species at Risk Act (SARA) designations. I'm also including the ESRI Shapefiles used in the request to depict the quarter section and two kilometre radius buffer.

Further information on this ranking system can be found on our website at: <http://www.natureserve.org/conservation-tool/conservation-attestation>

These designations can be found at:

<http://web2.gov.mb.ca/laws/statutes/ccsm/e111e.php>,

<https://www.cosewic.ca/index.php/en-ca/> and

<http://www.sararegistry.gc.ca/default.asp?lang=En&n=24F7211B-1>

Manitoba's recommended setback distances can be found at:

https://www.gov.mb.ca/sd/pubs/conservation-data-centre/mbccdc_bird_setbacks.pdf.

The information provided in this letter is based on existing data known to the Manitoba Conservation Data Centre of the Wildlife and Fisheries Branch at the time of the request. These data are dependent on the research and observations of CDC staff and others who have shared their data, and reflect our current state of knowledge. An absence of data does not confirm the absence of any rare or endangered species. Many areas of the province have never been thoroughly surveyed, therefore, the absence of data in any particular geographic area does not necessarily mean that species or ecological communities of concern are not present. The information should not be regarded as a final statement on the occurrence of any species of concern, nor should it substitute for on-site surveys for species or environmental assessments. Also, because our Biotics database is continually updated and because information requests are evaluated by type of action, any given response is only appropriate for its respective request.

Please contact the Manitoba CDC for an update on this natural heritage information if more than six months passes before it is utilized.

Third party requests for products wholly or partially derived from our Biotics database must be approved by the Manitoba CDC before information is released. Once approved, the primary user will identify the Manitoba CDC as data contributors on any map or publication using data from our database, as the Manitoba Conservation Data Centre; Wildlife and Fisheries Branch, Manitoba Sustainable Development.

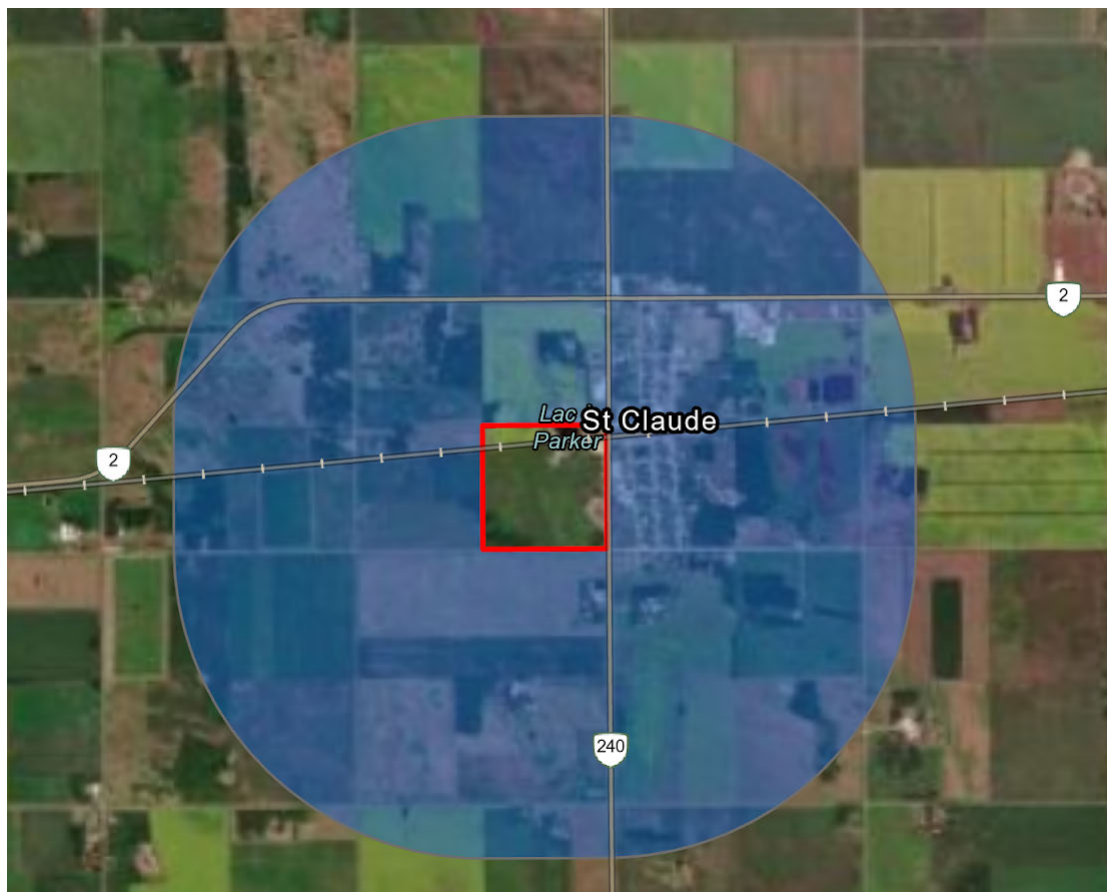
This letter is for information purposes only - it does not constitute consent or approval of the proposed project or activity, nor does it negate the need for any permits or approvals required by the Province of Manitoba.

We would be interested in receiving a copy of the results of any field surveys that you may undertake, to update our database with the most current knowledge of the area

If you have any questions or require further information contact me directly at (204) 945-7760.

Colin

Reference screen clip:



Colin Murray

Information Manager- Manitoba Conservation Data Centre

Wildlife, Fisheries, and Resource Enforcement Branch

Manitoba Agriculture and Resource Development

200 Saulteaux Crescent, Winnipeg, MB R3J3W3

Colin.Murray@gov.mb.ca

T: 204-945-7760 F: 204-945-3077

Visit our website: [Mhttps://www.manitoba.ca/fish-wildlife/cdc/index.html](https://www.manitoba.ca/fish-wildlife/cdc/index.html)

Follow us on Twitter twitter.com/MBGovAg

View our video on YouTube youtube.com/ManitobaAgriculture

From: Kevin Poirier <kpoirier@scvconsultingltd.com>

Sent: August 18, 2021 9:14 AM

To: Murray, Colin (ARD) <Colin.Murray@gov.mb.ca>

Subject: Environment Act Proposal - Lactalis Canada Facility in St. Claude, RM of Grey - Species search information request

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Hi Colin,

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The Municipality is 133- RM of Grey. I've also attached a copy of the property assessment report in case that is helpful.

Could you please provide a listing of any rare species for the identified area?

Thanks,

Kevin



Kevin Poirier, (he/him), P.Eng., CSR-P.

Director & Principal Consultant

SCV Consulting

T – 519.993.8040

E – kpoirier@scvconsultingltd.com

<https://www.scvconsultingltd.com/>

2 attachments



DR K Poirier SCV 20210819 Lactalis Canada RM Grey.xlsx

13K

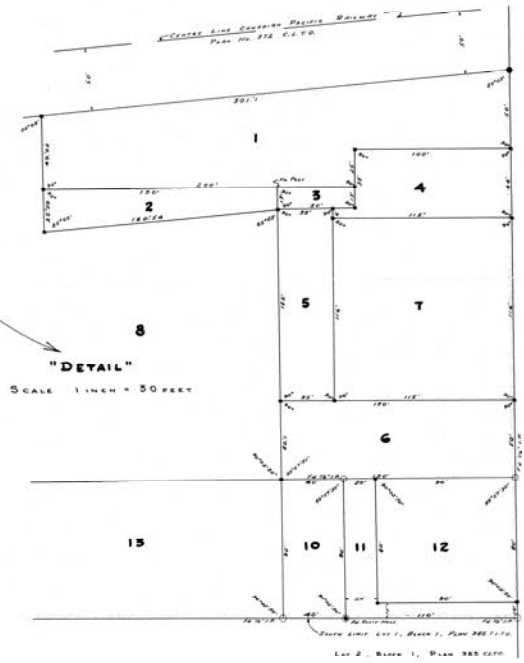
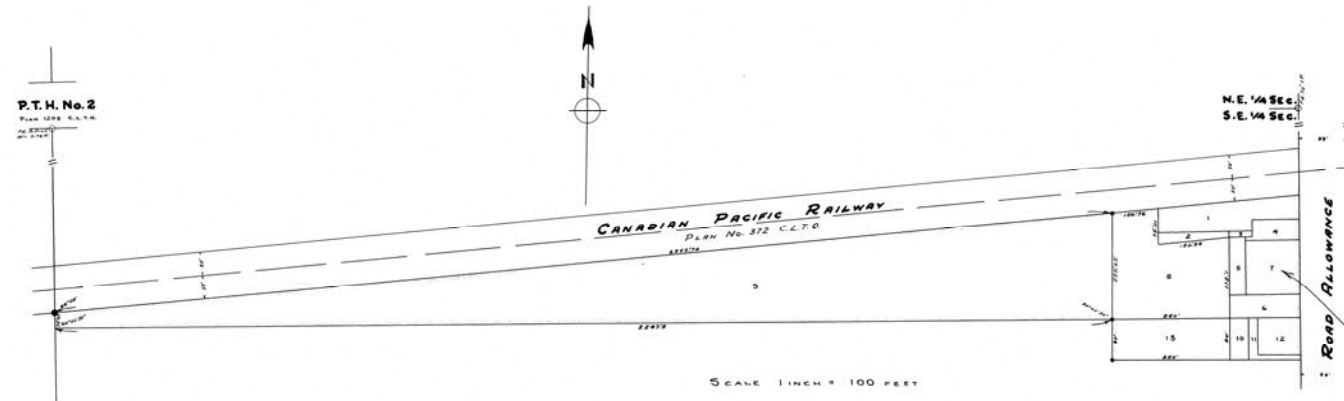


SE-16-008-07W1 qsect and b2k.zip

56K

Appendix J - Original Lot Plans and Surveys

PLAN OF SURVEY
OF PART OF
S.E. 1/4 SECTION 16, TOWNSHIP 8, RANGE 7 W.P.M.
INCLUDING ALL OF LOT 1, BLOCK 1,
PLAN 985 CARMAN L.T.O.
ST. CLAUDE - MANITOBA



P.T.H. No. 2

Road Allowance



SCALE 1 INCH = 100 FEET

"DETAIL"
SCALE 1 INCH = 50 FEET

Road Allowance

UNLESS SHOWN OTHERWISE, ALL DIMENSIONS IN THIS PLAN ARE TO BE MEASURED TO THE CENTER OF THE TRACKS AND TO THE CENTER OF THE ROAD. THE DIMENSIONS TO THE CENTER OF THE TRACKS ARE TO BE MEASURED TO THE CENTER OF THE TRACKS AND TO THE CENTER OF THE ROAD. THE DIMENSIONS TO THE CENTER OF THE TRACKS ARE TO BE MEASURED TO THE CENTER OF THE TRACKS AND TO THE CENTER OF THE ROAD.

REFERENCES:
PLAN 972 C.L.T.O.
PLAN 985 C.L.T.O.

J.A.B.
PLANNING PART OF
S.E. 1/4 SEC. 16
Nov 19/66
10:03 AM
C.A. [Signature]

Approved
by [Signature]
10/21/66
[Signature]

H.D. BRANN
LAND SURVEYOR
518 GERRARD
WILLOWDALE, ONT.