

SUMMARY OF COMMENTS

PROPONENT: Rural Municipality of Tache: Applicant
PROPOSAL NAME: Lorette Wastewater Treatment Lagoon
CLASS OF DEVELOPMENT: 2
TYPE OF DEVELOPMENT: Wastewater Treatment Lagoon
CLIENT FILE NO.: 4482.00

OVERVIEW:

On October 29, 1999, Manitoba Conservation received a Proposal from Cochrane Engineering Ltd. on behalf of the Rural Municipality (R.M.) of Tache to construct an aerated wastewater treatment lagoon to service the Local Urban District (L.U.D.) of Lorette. The aerated wastewater treatment lagoon would be located on River Lot 8, Parish of Lorette in the R.M. of Tache. Wastewater generated in Lorette would be conveyed to the lagoon via a newly constructed forcemain. Forcemain design information was previously submitted to Manitoba Conservation on or about October 6, 1999. The treated wastewater would be discharged between June 15 and November 1 of each year into the Seine River Diversion. The existing Lorette wastewater treatment lagoon, located at River Lots 49 and 50, Parish of Lorette in the R.M. of Tache, will be decommissioned.

Manitoba Conservation, on November 1, 1999, placed copies of the Proposal in the Public Registries located at 123 Main St. (Union Station) Main Floor, the Centennial Public Library and the Jake Epp Public Library (Steinbach) and provided copies of the Proposal to the Interdepartmental Planning Board and the Interdepartmental Technical Advisory Committee (TAC). The newspaper and TAC notification invited responses until November 15, 1999.

Public input and TAC communications were to be collected and summarized by Rob Boswick of Manitoba Conservation for future reference.

On November 16, 1999 the Canadian Environmental Assessment Agency (CEAA) submitted information to Manitoba Conservation indicating that an environmental assessment under The Canadian Environmental Assessment Act (the Act) would be required by federal officials with respect to the project. The contact person for coordinating environmental assessment activities for the project was designated as Mr. Bill Perlmutter of Western Economic Diversification Canada (WED). Fisheries and Oceans and Environment Canada also requested additional information to help them make a determination and offered to provide specialist advice in accordance with subsection 12(3) of the Act.

Manitoba Conservation, on November 16, 1999, placed copies of the Contract C2 Lorette Forcemain – September 1999 Drawings solicited from the consultant as well as copies of public comments/responses and replies received to that date into the public registries.

Manitoba Conservation, on November 23, 1999, placed copies of additional public comments/responses received to that date into the public registries. Based on responses received from the public and TAC, Manitoba Conservation, on November 23, 1999, solicited additional EAP related information and/or clarification(s) from the consultant. Manitoba Conservation's letter requesting additional assessment(s) and report information in support of the project from the consultant was also placed in the public registries.

On November 25, 1999 all recent public respondents were notified that Manitoba Conservation would receive further concerns and comments pertinent to the project until December 3, 1999.

The consultant, on November 29, 1999, responded to the November 23, 1999 request for additional EAP related information and/or clarification(s).

On December 2, 1999, Western Economic Diversification Canada (WED) indicated that a representative of the Prairie Farm Rehabilitation Administration (PFRA) (Mr. Patrick McGarry) had been assigned as the technical assistant to WED for the project. It was indicated that Manitoba Conservation should expect to be contacted by Mr. McGarry of PFRA within a reasonable time.

On December 6, 1999, the consultant's November 29th response to Manitoba Conservation was distributed to the public registries and TAC for review and comment. Responses from the TAC were requested by December 10, 1999.

On December 6, 1999, Manitoba Conservation sent letters to the public respondents who had requested that a public hearing be convened. The letters indicated that no public hearing was recommended and that this recommendation could be appealed to the Minister of Conservation within thirty days of the date of the letter.

Manitoba Conservation, on December 6, 1999, placed copies of additional public comments/responses and replies relative to this project into the public registries.

On December 16, 1999, a letter was received from WED containing comments regarding the October, 1999 Lorette Wastewater Treatment Lagoon Environment Act Proposal report. The comments indicated that additional information pertaining to: effluent quality, water quality, fish and aquatic life, Seine River Diversion flow data, Seine River Diversion operation, Seine River Diversion water use and cumulative effects should be presented by the proponent. In addition, the comments indicated that the proponent should provide a review of project alternatives with supporting documentation.

On December 24, 1999, representatives of Manitoba Conservation met with the consultant to discuss items of the EAP for which additional discussion was being requested. This same day, Mr. Boswick provided a letter to the consultant briefly discussing the items and requesting a response no later than January 6, 2000.

Manitoba Conservation, on January 5, 2000, placed copies of additional letter communications relative to this project into the public registries.

On January 5, 2000, Manitoba Conservation received and reviewed the response to the December 24, 1999 request for additional information from the consultant. The response provided comments relating to the items contained in the December 24, 1999 letter. Much of the comments provided satisfied Manitoba Conservation's request for additional information.

On January 10, 2000, Manitoba Conservation placed copies of the consultant's response to the December 24, 1999 request for additional discussion into the public registries.

On January 13, 2000, the Minister of Conservation responded to appeals for a public hearing and provided notice to Manitoba Conservation that a public hearing would not be held for this project.

On January 14, 2000, Environment Act Licence No.: 2439 was issued pursuant to Section 11(1) of the Environment Act (C.C.S.M.c. E125) to the R.M. of Tache for the construction, operation and maintenance of the Development being a wastewater collection system, an aerated wastewater treatment lagoon located on River Lot 8, Parish of Lorette in the R.M. of Tache and a forcemain connection between the L.U.D. of Lorette and the aerated lagoon. The Licence was developed as a specific extension of the Public Health Act and the Environment Act, utilizing the information made available in the EAP and submitted documents and letters. Environmental requirements, encompassing the Development's construction, operation and maintenance and considering the concerns of the public, are incorporated to the Licence.

Pursuant to Section 27 of the Environment Act, the Licence may be appealed to the Minister of Conservation within 30 days of the date of the Licence.

OVERVIEW - Briefs:

- Date of receipt of Proposal – October 29, 1999
- Date of Proposal – October 1999
- Brief Description of the Proposal

The wastewater treatment lagoon is proposed to be located on River Lot 8, Parish of Lorette in the R.M. of Tache. Wastewater generated in Lorette will be conveyed to the lagoon via a newly constructed forcemain. Discharge of treated wastewater will be to the Seine River Diversion.

- Names of newspapers in which Proposal was advertised
 - Steinbach Carillon

- Public Registry Locations
 - Main Registry
 - Centennial Public Library
 - Jake Epp Public Library (Steinbach)

- Closing Dates for Public Comments
 - November 15, 1999 (initial)
 - December 3, 1999 (subsequent)

- Date when Proposal was sent to TAC – October 29, 1999

- Closing date for response from TAC – November 15, 1999

- Date when additional assessment(s) and report information were requested from the consultant – November 23, 1999
- Date when consultant responded to the November 23, 1999 request – November 29, 1999

- Date when additional proposal items discussion was requested from the consultant – December 24, 1999
- Date when consultant responded to the December 24, 1999 request – January 5, 2000

- Date of issuing Environment Act Licence No. 2439 – January 14, 2000

COMMENTS FROM THE PUBLIC:

See Appendix A.

COMMENTS FROM THE TECHNICAL ADVISORY COMMITTEE:

See Appendix B.

COMMENTS FROM CANADIAN ENVIRONMENTAL ASSESSMENT AGENCY (CEAA):

See Appendix C.

PUBLIC HEARING:

A Clean Environment Commission public hearing was not recommended by the Director based on the following:

1. The decision on location and type of wastewater treatment facility is the responsibility of the R.M. of Tache;

2. Potential environmental effects on the construction and operation of the proposed lagoon and forcemain can adequately be assessed through the cooperative environmental assessment that is in process; and
3. Several local referenda and Municipal Board Hearings have been held on the Lorette lagoon issue. These forums provided opportunity for discussion of relevant issues including environmental issues and location and type of wastewater treatment facility that would best suit the needs of the municipality. The Municipal Board and R.M. have approved the Proposal under consideration.

This information was provided by letter to those persons requesting a public hearing. The letter informed those persons requesting a public hearing that this recommendation could be appealed to the Minister within 30 days of the date of the letter.

Appeals from the public requesting a public hearing were received by the Minister's office. The Minister subsequently indicated that he is satisfied that the Director's reasons for not recommending a hearing are justifiable. The appeals for a public hearing were dismissed.

DISPOSITION OF COMMENTS FROM THE PUBLIC:

The principle concerns of the public regarding the proposed Development, being the wastewater treatment lagoon, forcemain and lift station, related to the October 1999 Environment Act Proposal and subsequent responses to requests for additional information or discussion are:

1. Lagoon discharge to and impact on the Seine River Diversion;
2. No cumulative effects assessment has been completed on the Seine River Diversion or the Red River;
3. Concern about quality of air, surface water and groundwater;
4. Influent characteristics may be altered as the result of increased population;
5. Impact on wildlife;
6. Disruption to the environment caused by forcemain installation;
7. Maintenance requirements of new facilities must be specified;
8. Mechanical system failure of lift station and forcemain;
9. Decommissioning of old lagoon; and
10. Future land use options at site of old lagoon.

The principle concerns of the public regarding the construction, operation and maintenance of the Development were incorporated in the requests for additional information or discussion presented to the consultant. The consultant responded with comments and information relating to the items included in these requests. Much of the comments provided in the consultant's responses satisfied the requests for additional information presented by Manitoba Conservation.

DISPOSITION OF COMMENTS FROM THE TAC:

The principle concerns of the TAC were adequately addressed in the consultant's November 29, 1999 response or are to be incorporated in the requirements of the Licence.

DISPOSITION OF COMMENTS FROM CANADIAN ENVIRONMENTAL ASSESSMENT AGENCY (CEAA):

Current reports indicate that the R.M. of Tache intends forgo the requirements to qualify for the Canada/Manitoba Infrastructure program and proceed with the Lorette Wastewater Stabilization Pond project. If the R.M. of Tache proceeds without responding to the December 16, 1999 letter from Western Economic Diversification Canada requesting additional information, the funding will most likely be lost.

SUMMARY:

A Licence, incorporating environmental responsibilities and requirements and encompassing the Development's construction, operation and maintenance and which considers the concerns of the public, has been prepared.

PREPARED BY:

Robert J. Boswick, P. Eng.
Environmental Engineer
Municipal & Industrial Approvals
January 14, 2000

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Appendix A

COMMENTS FROM THE PUBLIC:

Name	Address	Summary of Topics/Concerns	Date of Letter
Boone, Charles J.O.	Boone, Charles J.O. Lot 2 River Rd. #405 Box 27 Group 50 Lorette, Manitoba R0A 0Y0	- requesting copies of studies, proposals reviews and notification of meetings - concerns for environmental issues	none
Boone, Charles J.O.	Boone, Charles J.O. Lot 2 River Rd. #405 Box 27 Group 50 Lorette, Manitoba R0A 0Y0	- environmental issues - financial issues	99/11/01
Boone, Charles J.O.	Boone, Charles J.O. Lot 2 River Rd. #405 Box 27 Group 50 Lorette, Manitoba R0A 0Y0	- lagoon discharge to Seine River Diversion (cumulative effect study) - concerned about quality of air and groundwater - impact on wildlife - forcemain installation disturbances - lack of opportunity for a public hearing	99/11/10
Bourrier, Gilbert	Bourrier, Gilbert 639 River Dr. Lorette, Manitoba Ph. 878-3384	- agricultural land will be sacrificed - concern regarding management practices of existing lagoon - environmental impact on proposed new location and surface waters - unfair for R.L. 8 area residents	99/11/15
Champagne, Denis & Lise	Champagne, Denis & Lise Lot 3, River Lot 8 Box 70, Grp 4, RR2 Lorette, MB R0A 0Y0	- no cumulative effect study on Seine River Diversion - no opportunity to voice concerns - decreased property values - stability of well water	99/11/08
Chernichan, Mrs. R.	Chernichan, Mrs. R. Box 221 Ile des Chenes, Manitoba R0A 0T0	- forcemain construction allowable without an environmental licence? - no forcemain design and installation methods proposed/discussed - object to limited response time (15 days)	99/11/08

Name	Address	Summary of Topics/Concerns	Date of Letter
Fast, Diane & Greg	Fast, Diane & Greg River Lot 8 Box 75, Grp 4, RR2 Lorette, Manitoba R0A 0Y0	- requesting copies of studies	99/10/26
Fast, Diane & Greg	Fast, Diane & Greg River Lot 8 Box 75, Grp 4, RR2 Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - lagoon discharge to Seine River Diversion (cumulative effect study) - Manitoba Water Services Board (MWSB) funding was initially intended for twinned lagoon project - impact on property value - seepage impact on groundwater 	99/11/02
Fast, Diane & Greg	Fast, Diane & Greg River Lot 8 Box 75, Grp 4, RR2 Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - date sequence of letters, submissions and events - who has made the lagoon location decision? - hydraulic ability of existing lagoon was not given fair assessment - project was supposed to be twinned with Landmark lagoon - population assessment inaccurate - distance from nearest residence - lagoon discharge to Seine River Diversion (cumulative effect study) - forcemain construction bids exceeded engineer's estimates - potentially outdated information was used to analyze impact on Seine River Diversion - existing lagoon decommissioning, plans for existing lagoon site likely to develop residential subdivision - lack of signature on National Testing Lab (NTL) report of May 15, 1998 	99/11/08
Fast, Diane & Greg	Fast, Diane & Greg River Lot 8 Box 75, Grp 4, RR2 Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - request for public hearing - other environmental concerns appear to have been indicated by others 	99/12/02
Fast, Diane & Greg	Fast, Diane & Greg River Lot 8 Box 75, Grp 4, RR2 Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - existing lagoon liquid levels are currently quite high, potential for spring environmental disaster - Council suggesting legal action may be initiated against residents or utilizing an unaerated lagoon if portions of funding lost 	
Fleming, Elizabeth	Fleming, Elizabeth (as by telephone)	<ul style="list-style-type: none"> - concern about shortened duration for response - she may submit comments/letter yet 	99/11/04

Name	Address	Summary of Topics/Concerns	Date of Letter
Gregoire, Nicole and Gerard	Gregoire, Nicole and Gerard Box 23, Group 50, R.R.2 Lorette, Manitoba R0A 0Y0	- forcemain trenching impact - lagoon discharge to Seine River Diversion - request for full investigation/public hearing	99/11/01
Gulakow, Peter	Gulakow, Peter (no address given)	- expensive undertaking - agricultural land being taken out of production - current lagoon in 'stable condition'	99/11/17 (rec'd)
Gulakow, Kathy	Gulakow, Kathy (no address given)	- expensive undertaking - agricultural land being taken out of production - current lagoon in 'stable condition'	99/11/17 (rec'd)
Heming, Cheryl	Heming, Cheryl City of Winnipeg Ph. 986-2036	- requesting copy of Environment Act Proposal (EAP) (as by telephone)	99/11/15
Jeanson, Theresa	Jeanson, Theresa Box 134 – 230 Dawson Rd. Lorette, Manitoba R0A 0Y0	- objects to; tax increases, other projects being put on hold, high cost of relocation, agricultural land being taken out of production - favors expansion of existing lagoon	99/11/10

Name	Address	Summary of Topics/Concerns	Date of Letter
Jeanson, Louis	Jeanson, Louis Box 134 – 230 Dawson Rd. Lorette, Manitoba R0A 0Y0	- objects to; tax increases, other projects being put on hold, high cost of relocation, agricultural land being taken out of production - favors expansion of existing lagoon	99/11/10
Johnson, Heather	Johnson, Heather Box 33 Lorette, Manitoba R0A 0Y0	- objects to; tax increases, other projects being put on hold, high cost of relocation, agricultural land being taken out of production - favors expansion of existing lagoon	99/11/10
Johnson, Marcel	Johnson, Marcel Box 33 Lorette, Manitoba R0A 0Y0	- tax increase will result - agricultural land out of production - expansion more economical than relocation	99/11/10
Lapointe, Claude	Lapointe, Claude Councillor Ward 3 R.M. of Tache	- impact on Seine River Diversion - proposal response time too short - no details on forcemain component of the project	99/11/12
LeMay, Karen & Paul	LeMay, Karen & Paul R.R. 2, Box 116A Lorette, Manitoba R0A 0Y0	- request for procedure, time line information, environmental assessment report - request details and opportunity to lodge objections - forcemain trenching impact - lagoon discharge to Seine River Diversion	99/10/28
LeMay, Karen & Paul	LeMay, Karen & Paul R.R. 2, Box 116A Lorette, Manitoba R0A 0Y0	- possible to fix current lagoon - too expensive - no clear mandate for relocation - considered a threat to the way of life in the immediate vicinity - site selection, distance, elevation, river crossing, TransCanada Pipelines (TCPL) crossing, groundwater quality impact, ecological disturbance in the diversion, trenching - lack of public representation - Councils methods of reading/passing by-laws did not allow for consideration of objections to them - existing lagoon could be upgraded - request public hearing - request refusal of licence	99/11/03
LeMay, Karen & Paul	LeMay, Karen & Paul R.R. 2, Box 116A Lorette, Manitoba R0A 0Y0	- proposed location relative to Lorette not favorable for residents in rural setting - significant cost to rate payers expected - upgrade to existing lagoon viable - no altered environmental state if lagoon remains where it is - request for public meeting	99/11/29

Name	Address	Summary of Topics/Concerns	Date of Letter
LeMay, Karen	LeMay, Karen R.R. 2, Box 116A Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - Lorette ratepayers would affect rural area - opportunity to comment not provided for those in proposed vicinity - request for Public Environmental Hearing 	99/12/03
Lynch, Auora	Lynch, Auora (no address provided)	<ul style="list-style-type: none"> - possible to expand existing lagoon - financial - forcemain characteristics (length, impact) 	99/11/12 (rec'd)
Marcoux, Annette	Marcoux, Annette Box 83 14 Johnson Ave. Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - objects to; high cost of relocation, agricultural land being taken out of production - favors expansion of existing lagoon 	99/11/10

Name	Address	Summary of Topics/Concerns	Date of Letter
Marcoux, Art	Marcoux, Art Box 83 14 Johnson Ave. Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - objects to; high cost of relocation, agricultural land being taken out of production, another lagoon discharging in the Seine River Diversion - favors expansion of existing lagoon 	99/11/10
Mercer, Penny	Mercer, Penny Dufresne, Manitoba R0A 0J0	<ul style="list-style-type: none"> - objects to short time frame for responses - forcemain not discussed in EAP report - quality of Seine River Diversion - all provisions of the Manitoba Environment Act, The Canadian Environmental Assessment Act, Public Health Act, the Principles of Sustainable Development and all provincial and federal legislations must be adhered to - no incremental licencing should be allowed 	99/11/16 (rec'd)
Moroz, Dianne and Oliviero, Jamie	Moroz, Dianne and Oliviero, Jamie River Lot 9 Box 8 Group 4 RR#2 Lorette , MB	<ul style="list-style-type: none"> - request for full environmental impact study - lagoon discharge to Seine River Diversion process thus far has contained questionable business practices, manipulation, dissemination of misinformation and a blatant disregard for fiscal and environmental responsibility - no meaningful consideration given to those persons who could be impacted - increased opportunity for mechanical system failure due to distance to proposed site 	99/11/07
Pattern, Barry	Pattern, Barry 656 River Drive Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - request for additional test holes - water sampling data (of July 14, 1994) is insufficient for design considerations - no consideration given to lagoon discharge to Seine River Diversion - no consideration given to not discharging current Lorette lagoon to Seine River - other solutions not considered - possible to upgrade existing lagoon - decommissioning existing lagoon, concern for future site development and condition of town sewer system in general - forcemain potential impact not discussed in EAP - insufficient time allotted for public feedback - Manitoba Conservation must give issue the proper time and attention it deserves 	99/11/15
Pattern, Barry	Pattern, Barry 656 River Drive Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - concerns regarding decommissioning of existing lagoon - testing of sludge to determine content requested - concern regarding sludge disposal - concern regarding future impacts - request for public meeting/public hearing 	99/12/02

Name	Address	Summary of Topics/Concerns	Date of Letter
Pattern, Sharon	Pattern, Sharon 656 River Drive Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - general opposition - decommissioning, existing sludge concerns - general environmental concerns 	99/11/15
Perrier, Jocelyn	Perrier, Jocelyn RR1 Dufresne, Manitoba R0A 0J0	<ul style="list-style-type: none"> - waste of tax payers money - added pollution to Seine River Diversion - take agricultural land out of production - decommissioning existing lagoon - forcemain design characteristics currently unknown (not reported) - public response time frame too short - Acts must be adhered to 	99/11/16 (rec'd)
Perrier, Karen	Perrier, Karen Dufresne, Manitoba R0A 0J0	<ul style="list-style-type: none"> - added pollution to Seine River Diversion - forcemain characteristics not discussed in EAP - cumulative effects assessment requested - Legislations must be adhered to 	99/11/14

Name	Address	Summary of Topics/Concerns	Date of Letter
Perrier, Ron	Perrier, Ron Councillor, Ward 5 R.M. of Tache	<ul style="list-style-type: none"> - request for cumulative effects assessment (in accordance with Section 16(1) of CEAA - request for cumulative effects assessment of proposed forcemain - request for no incremental licencing - impact on Seine River Diversion - information in EAP report is dated/faulty - no consideration applied to industrial development (recent and future) impact on wastewater management requirements - impact on wildlife habitats along the diversion - agricultural activities in the vicinity of the diversion also contribute to negative effects in the diversion - request for assessment of alternatives - forcemain design characteristics currently unknown (not reported) - decommissioning discussions in EAP lacks detail - all provisions of the Manitoba Environment Act, The Canadian Environmental Assessment Act, Public Health Act, the Principles of Sustainable Development and all provincial and federal legislations must be adhered to - financing reviews required and cost estimates understated - site investigation/bore holes/geotechnical concerns 	99/11/12
Plett, Kelly	Plett, Kelly Box 29 R.R. 1 Landmark, MB R0A 0X0	<ul style="list-style-type: none"> - request for public meeting - stream flow values used were limited (no Q₇₋₁₀) - no cumulative effects assessment on Seine and Red Rivers - no supporting data for conclusions drawn regarding surface water qualities - no Certificate of Title to the mineral rights - nearest resident location is 530 meters 	99/11/25
Plett, Kenton	Plett, Kenton Box 29 R.R. 1 Landmark, MB R0A 0X0	<ul style="list-style-type: none"> - request for public meeting - stream flow values used were limited (no Q₇₋₁₀) - no cumulative effects assessment on Seine and Red Rivers - no supporting data for conclusions drawn regarding surface water qualities - no Certificate of Title to the mineral rights - nearest resident location is 530 meters 	99/11/25

Name	Address	Summary of Topics/Concerns	Date of Letter
Plett, Joanne	Plett, Joanne Box 39 ½ Landmark, MB R0A 0X0 SW 33-8-5E	<ul style="list-style-type: none"> - request for public meeting - stream flow values used were limited (no Q₇₋₁₀) - no cumulative effects assessment on Seine and Red Rivers - no supporting data for conclusions drawn regarding surface water qualities - no Certificate of Title to the mineral rights - distance of proposed site to nearest house 	99/11/25
Plett, Gary	Plett, Gary Box 39 ½ Landmark, MB R0A 0X0 SW 33-8-5E	<ul style="list-style-type: none"> - request for public meeting - stream flow values used were limited (no Q₇₋₁₀) - Seine River stream flows have been increased summer 1999 - no cumulative effects assessment on Seine and Red Rivers - no supporting data for conclusions drawn regarding surface water qualities - no Certificate of Title to the mineral rights - distance of proposed site to nearest house 	99/11/25
Porteous, Allen & Jeannine	Porteous, Allen & Jeannine Box 21, Group 50 Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - proximity to residence/impact on land value - loss of agricultural land - future industrial waste to lagoon possible? - request for public hearing - upgrade existing lagoon 	99/11/03
Provincial Council of Women of Manitoba Inc.	Leonore Saunders, Chair, Resolutions Committee P.O. Box 2085 Winnipeg, Manitoba R3C 3R4 Ph. 992-2751	<ul style="list-style-type: none"> - response time inadequate - environmental assessment of forcemain must also be undertaken - cumulative environmental effects study should be completed - Seine River Diversion impact - Government funding – how does it break out? - distance from Lorette - Seine River Diversion flow rates are dated - What are the dates and sources for Tables 8.2 and 8.3 - Seine River Diversion water quality data is dated 	9/11/15
Switzer, Glenn	Switzer, Glenn Box 22, Group 50 Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - request for updates - lagoon discharge to Seine River Diversion - forcemain trenching impact - loss of agricultural land - future industrial waste to lagoon possible? 	99/10/29

Name	Address	Summary of Topics/Concerns	Date of Letter
Switzer, Glenn	Switzer, Glenn Box 22, Group 50 Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - Cochrane report contains errors and omissions - Impact on Seine River Diversion, flow rates used in calculations, nutrients, wildlife impact - nearest residence location - air quality, smell - real estate value - prefers relocation - site investigation effort not acceptable 	99/11/14
Switzer, Glenn	Switzer, Glenn Box 22, Group 50 Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - proposed design lacks interconnecting pipes (in the event that by-passes are required) - geotechnical assessment may not be adequate - no aeration design details or drawings - maintenance program will be required to be implemented and maintained. Include details in licence - forcemain elevations, design details, surveying; has this been established? - potential for snow drifting during open trenching of forcemain - is the existing lift station adequate to manage the potentially new pumping requirements - are there back flow prevention features included in design? 	99/12/03

Name	Address	Summary of Topics/Concerns	Date of Letter
Switzer, Glenn	Switzer, Glenn Box 22, Group 50 Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - method of decommissioning the existing lagoon proposed in EAP is different than that presented at Municipal Board Hearing on Oct. 7, 1999 - test contents for contaminants other than typical effect on water quality and stream flow (of removal of volume discharge) - management concerns regarding sludge resulting from decommissioning - request for review at the highest level 	99/12/03
Trudeau, Jacques	Trudeau, Jacques Councillor, Ward 1 R.M. of Tache	<ul style="list-style-type: none"> - Impact on Seine River Diversion - proximity to Landmark lagoon and Seine River Diversion 	99/11/13
Wright, Dianne	Wright, Dianne 644 River Drive Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - lagoon discharge to Seine River Diversion (cumulative effect study); Canadian Environmental Assessment Act - commercial/industrial development resulting in altered wastewater content and quality - housing developments/golf course at current lagoon site after decommissioning - hog waste processing - crossing TransCanada Pipelines - lagoon and forcemain form one project - Environmental Assessment required due to federal funding - forcemain must have Environmental Assessment and licence - forcemain construction details and proposed methods of installation required to be public information and undergo an Environment Act review - there is no corresponding Canadian Environmental Assessment Agency (CEAA) assessment 	99/11/02
Wright, Dianne	Wright, Dianne 644 River Drive Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - querying if the forcemain and lagoon are to be considered one project - 	9/11/05
Wright, Dianne	Wright, Dianne 644 River Drive Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - request for Cumulative Effects Assessment - proceeding with forcemain construction prior to project review? - award of contract and construction schedule? - queries/statements regarding previous proposed project - suggesting rehabilitation of the existing lagoon or considering alternate means of carrying out a project 	99/11/08

Name	Address	Summary of Topics/Concerns	Date of Letter
Wright, Dianne	Wright, Dianne 644 River Drive Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - requesting confirmation of responsibilities for the Cumulative Effects Assessment - requesting examination of alternatives to the project - suggesting rehabilitation of the existing lagoon - requesting Cumulative Effects Assessment and assessments of alternatives 	99/11/09
Wright, Dianne	Wright, Dianne 644 River Drive Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - querying if the forcemain and lagoon are to be considered one project requiring one licence or two - no mention of forcemain in EAP ad - no drawings for forcemain components - expressing dissatisfaction with the Department copying response letters to the RM of Tache 	99/11/11
Wright, Dianne	Wright, Dianne 644 River Drive Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - suggesting inadequate consideration given to environmental effects of relocating lagoon - Responsible Authority should give consideration to alternatives to relocation - negative impacts will result from shifting capital from other proposed projects to cover the cost of relocating - impact on residents near proposed new location - Cumulative Effects Assessment requested for Seine River Diversion and Red River - concern regarding other lagoons discharging to Seine River Diversion - potential increase in population would create new wastewater characteristics - concern regarding impact(s) of development(s) following potential relocation of lagoon - decommissioning existing lagoon and site rehabilitation concerns - bids received exceed estimated costs - suggested The Provincial Planning Act, Provincial Land Use Policies Regulation is/are not being adhered to - MWSB funding potential impact on all taxpayers in the province - Lorette LUD impacting outlying areas (by locating lagoon 6km away) for it's own benefit - The Sustainable Development Act, The Capital Region Strategy, regulations of The Planning Act and the Principles of Sustainable Development ignored or glossed over - request for public hearing 	99/11/13

Name	Address	Summary of Topics/Concerns	Date of Letter
Wright, Dianne	Wright, Dianne 644 River Drive Lorette, Manitoba R0A 0Y0	<ul style="list-style-type: none"> - stressing that there are not three but 11 lagoons which may have a cumulative effect on the Seine River Diversion - must consider the effects of chlorination and nitrogen and phosphorus discharges into the Seine River Diversion - must consider the potential impact of heavy metals relating to the existing lagoon as well as a proposed lagoon on the Seine River Diversion - no details have been provided regarding the manner of forcemain construction or future operations to limit the potential for environmental complications - request for a public hearing 	99/12/02
Wright, R. P.	Wright, R. P. 644 River Drive Lorette, Manitoba R0A 0Y0 Ph. 878-3726	<ul style="list-style-type: none"> - EAP report of Oct. 99 does not deal with all or inadequately deals with issues - Tables 8.1, 8.2 and 8.3 of the report appear to be questionable - suggesting more detail is required to support the expected ammonia levels impact or lack of expected impact - nutrient impact not given proper attention, study needed - concern regarding number of lagoons discharging into the Seine River Diversion - suggests conductivity will double (rather than increase marginally) - why are the Sodium Adsorption Ratios (SARs) in the current proposal half those reported in 1994 - oxygen demand estimates need to be substantiated - suggests coliform regulations are not strict enough - project costs could very likely be higher than initial estimates - decommissioning existing lagoon has not been studied adequately - several claims made in the report are unsubstantiated 	99/11/13
Wright, R. P.	Wright, R. P. 644 River Drive Lorette, Manitoba R0A 0Y0 Ph. 878-3726	<ul style="list-style-type: none"> - lack of drawings and forcemain detail - date sequence of events suspicious - heavy metals testing should be a component of the decommissioning - environmental requirements of the CEAA appear to be considered irrelevant to the proposal in the minds of some council members - request for public hearing - all assessments must be complete prior to issuing a licence - will landfill leachate be hauled to the Landmark lagoon? What are the implications? 	99/12/02

Appendix B

COMMENTS FROM THE TECHNICAL ADVISORY COMMITTEE:

Name	Address	Summary of Topics/Concerns	Date of Letter
Manitoba Conservation Water Quality/Terrestrial Quality Management Sections	Geoff Jones Ecosystem Monitoring Specialist Water Quality/Terrestrial Quality Management Sections Manitoba Conservation 123 Main Street, Suite 160 Winnipeg, MB R3C 1A5	<ul style="list-style-type: none"> - design population estimates/projections are dated, potentially inaccurate and do not allow for student population growth - retention time in primary cells is not specified nor is the impact of extended isolation from the rest of the lagoon - lagoon discharge to Seine River Diversion (coordinate discharge with other existing lagoons) - it is likely more suitable that the proposal should use summer and fall Q₇₋₁₀ flow values for the Seine River Diversion - is the water quality data for the Seine River Diversion; average values from a number of samples and/or a variety of samples and/or a variety of locations along the Diversion? - future options for water use along the diversion may become limited as the result of increased eutrophication and increased toxin producing blue-green algae blooms - decreased dissolved oxygen levels can result from eutrophic conditions - trucked-in effluent loading has not been considered - why was a future design population equivalent of 2400 used in the ADS Calculations? 	99/11/04
Manitoba Conservation Water Quality/Terrestrial Quality Management Sections	Geoff Jones Ecosystem Monitoring Specialist Water Quality/Terrestrial Quality Management Sections Manitoba Conservation 123 Main Street, Suite 160 Winnipeg, MB R3C 1A5	<ul style="list-style-type: none"> - no further comments at this time - concern with projects that have the potential to impact the aquatic environment and/or restrict present and future uses of surface water - proponent should be willing to participate in a watershed-based management plan if developed for the drainage basin. 	99/12/09
Manitoba Conservation	Rob Boswick Environmental Engineer Manitoba Conservation	<ul style="list-style-type: none"> - no consideration has been given to water quality impact by potential simultaneous discharge from proposed Lorette lagoon and other existing lagoons utilizing Seine River Diversion. - the estimated projected averages of 227 	99/11/02

Name	Address	Summary of Topics/Concerns	Date of Letter
	123 Main Street, Suite 160 Winnipeg, MB R3C 1A5	<p>L/day/person for wastewater production from future homes seems low (page 4).</p> <ul style="list-style-type: none"> - there are limited supporting discussions and explanations regarding the design and operation of the primary cells and the proposed aeration system. - the After Combining Fecal Coliform (No/100 mL) value of 3.6 is in error (page 12). - there is limited discussion provided regarding the impact of nutrient additions to the lagoon drain and receiving watercourse (Seine River Diversion). - the design does not include consideration for receiving trucked effluent. Is there a facility in the R.M. so equipped? Does the existing lagoon have a spillway? - Nelson Environmental Inc. utilized a design population of 2400 persons compared with 3630 persons by Cochrane Engineering Ltd. Nelson Environmental Inc. does not explain their methodologies. In addition, no discussion or explanation of analysis/design for the aeration system is provided. - The consultant indicates that the lagoon is proposed to be constructed incorporating a 1 metre thick generally impermeable soil liner which will meet environmental regulation requirements. The consultant suggests that if unsuitable soil liner material is encountered during construction, it will be excavated and replaced with appropriate compacted clay type soil. Silt seams and clayey silt soils were reported to exist in the naturally deposited soils within varying depths of the natural surface. Can the consultant be sure that these soils will be encountered and replaced or reworked during construction, especially if these soils underlay a layer of the preferred less permeable clay soils less which is less than 1 metre thick after finished grade has been attained? - The Environment Act Proposal for the Village of Lorette Proposed Wastewater Stabilization Pond does not discuss the route, type of material, method of installation, etc. for the proposed new forcemain for the proposed new lagoon. As suggested by Regulation 331/88 R, detailed description of this component of the project is required from the consultant. 	
Manitoba Conservation	Rob Boswick Environmental Engineer	<ul style="list-style-type: none"> - request for additional discussion regarding: - why does the consultant feel that their assessment of the SRD is adequate?; 	99/12/24

Name	Address	Summary of Topics/Concerns	Date of Letter
	Manitoba Conservation 123 Main Street, Suite 160 Winnipeg, MB R3C 1A5	<ul style="list-style-type: none"> - new water quality data not discussed; - new nutrient data not discussed; - tables 8.2 and 8.3 data of 1999 for SRD is the same as for tables 6 and 7 data of 1998 for SR; - water consumption rates comment request; - request for discussion regarding forcemain and lift station; - what is the actual organic design load of the proposed lagoon?; and - no discussion regarding potentials for impact on wildlife or fisheries. 	
Manitoba Highways and Government Services	David A. Duncan Environmental Technologist 14 th floor – 215 Garry Wpg, MB R3C 3Z1	<ul style="list-style-type: none"> - An underground agreement is required for placing any sewer lines on or adjacent to Departmental rights-of-way (PR 405). 	99/11/17
Manitoba Urban Affairs	Marian Leech Policy & Program Analyst Urban Affairs Division 203-280 Broadway Wpg, MB R3C 0R8	<ul style="list-style-type: none"> - Contacted Mr. Doug McNeil of the City of Winnipeg Wastewater Planning Branch - The City has no comment regarding this EAP 	99/11/16
Manitoba Conservation	Cliff Lee, P. Eng. Regional Supervisor Environment Act Winnipeg Region Environmental Operations	<ul style="list-style-type: none"> - Special provision required for maintenance of the dyke overflow structure (grass control by hand pull mower) - An all weather access road for the lagoon is recommended - Environment licence must contain standard clauses for decommissioning developed by the department 	99/11/15
Manitoba Community Planning	Werner Hauri Community Planner	<ul style="list-style-type: none"> - The proposed lagoon site is in the “AG” Agricultural General designation area. Lagoon sites are dealt with through the zoning by-law provisions/requirements. - The subject site is zoned “AG80” Agricultural General Zone as a conditional use. The proposed site meets the minimum site area and site width requirements. - Due to the fact that a conditional use permit is required from the R.M. of Tache, public is made aware of the proposal. 	99/11/15
Manitoba Historic Resources Branch	K. David McLeod Resource Management Archaeologist	<ul style="list-style-type: none"> - No concerns with regard to this project’s potential to impact heritage resources 	99/11/01

Name	Address	Summary of Topics/Concerns	Date of Letter
	Historic Resources Branch Main Floor 213 Notre Dame		
Manitoba Natural Resources	B. McTavish Director Policy Coordination Branch Box 38 200 Saulteaux Cres.	<ul style="list-style-type: none"> - emission of various constituents such as total phosphorus and salinity from the lagoon into the diversion may affect fish - estimates of nutrient load uptakes in the Seine River Diversion and Red River have not been provided - fish and their movement may potentially be impacted by chlorine (used to meet water quality objectives) - authorization to discharge effluent into the Seine River Diversion will be required from Water Resources Branch - decommissioning of existing lagoon should be in late August or early September to accommodate bird breeding schedules - use native plant species for rehabilitating site of current lagoon 	99/11/15
Manitoba Natural Resources	B. McTavish Director Policy Coordination Branch Box 38 200 Saulteaux Cres.	<ul style="list-style-type: none"> - cumulative effects of the sewage effluent from several lagoons was not addressed. 	99/12/13

Appendix C

COMMENTS FROM CANADIAN ENVIRONMENTAL ASSESSMENT AGENCY (CEAA):

•CEAA indicated that application of The Canadian Environmental Assessment Act with respect to this proposal will be required. The Department of Fisheries and Oceans Canada indicated that more information is needed before they can determine whether the crossing of the Seine River will result in the harmful alteration, disruption or destruction of fish habitat.

Name	Address	Summary of Topics/Concerns	Date of Letter
Western Economic Diversification Canada	Bill Perlmutter Manager, Program Delivery P.O. Box 777 712-240 Graham Avenue Winnipeg, MB R3C 2L4	<ul style="list-style-type: none"> - Western Economic Diversification (WED) has triggered the CEAA - must consider the environmental effects of the project including water quality, impact on fish and cumulative environmental effects; - must assess the impact on SRD; - must review/discuss alternatives to proposed lagoon; - additional information requested for: effluent quality; water quality; fish and aquatic life; Seine River Diversion flow data; Seine River Diversion operation; Seine River Diversion water use; cumulative effects on water courses; project alternatives 	99/12/16
Fisheries and Oceans Canada	Donald G. Cobb Impact Assessment Biologist Manitoba & Saskatchewan Area	<ul style="list-style-type: none"> - review limited to impacts on fish habitat - directional drilling preferred for crossing Seine River and ditches - implement mitigation measures; erosion control techniques; deposit of deleterious substances is prohibited - would provide specialist advice to WED if requested 	99/12/12