

DATE: May 21, 2024

TO: Public Registry

FROM: Barsha Sagan, P. Eng.  
Senior Environmental Engineer  
Industrial and Wastewater Section  
Environmental Approvals Branch

**SUBJECT: File 4738.10 – Rural Municipality of Elton Wastewater Treatment Lagoon Expansion – Information for Public Registry**

Please find attached the public and TAC correspondence related to Rural Municipality of Elton Wastewater Treatment Lagoon Expansion (4738.10) for distribution to the public registries. The documents included are:

	<b>Public Comment</b>
	No public comments received during the public comment period

No	Technical Advisory Committee Member	Response Provided
1	<b>Environment and Climate</b>	
	Environmental Approvals Branch	
	<ul style="list-style-type: none"> <li>Land Use, Waste Management and Energy</li> </ul>	March 2, 2023
	<ul style="list-style-type: none"> <li>Air Quality Management</li> </ul>	No response
	Environmental Compliance and Enforcement Branch	No response
	Office of Drinking Water	January 13, 2023
	Environmental Programs and Remediation Branch	No response
	Drainage and Water Rights Licensing Branch	
	<ul style="list-style-type: none"> <li>Water Use Licensing Section</li> </ul>	No response
	<ul style="list-style-type: none"> <li>Drainage and Water Rights Licensing Section</li> </ul>	January 16, 2023
	Water Science and Watershed Management Branch	
	<ul style="list-style-type: none"> <li>Water Quality Management Section</li> </ul>	February 6, 2023
	<ul style="list-style-type: none"> <li>Groundwater Management Section</li> </ul>	No response
	Climate Change and Clean Technology	No response
2	<b>Natural Resource and Northern Development</b>	
	Parks Branch	January 30, 2023
	Wildlife and Fisheries Branch (wildlife)	No response
	Wildlife and Fisheries Branch (fisheries)	No response
	Forestry and Peatlands Branch	January 20, 2023
	Lands and Planning	No response
	Crown Land Specialist	No response
	Mines Program	January 19, 2023
	Petroleum Program	January 26, 2023
3	<b>Manitoba Sport, Culture, and Heritage</b> – Historic Resources Branch	January 30, 2023
4	<b>Manitoba Municipal Relations</b>	
	Community Planning Branch	February 24, 2023
5	<b>Manitoba Labour, Consumer Protection and Government Services</b>	
	Inspection and Technical Services	January 17, 2023
6	<b>Manitoba Transportation and Infrastructure</b> – Environmental Services and Consultation Branch	No response
7	<b>Manitoba Health</b> – Prairie Mountain Regional Health Authority	January 16, 2023

DATE: March 2, 2023

TO: Barsha Sagan, M.Sc., P.Eng.  
Senior Environmental Engineer  
Land Use, Waste Management & Energy  
Environmental Approvals Branch  
Environment and Climate Change  
14 Fultz Boulevard  
Winnipeg MB R3Y 0L6  
[Barsha.Sagan@gov.mb.ca](mailto:Barsha.Sagan@gov.mb.ca)  
Tel: 204-795-7175

FROM: Asit Dey, P.Eng.  
Acting Engineering Manager  
Land Use, Waste Management & Energy  
Environmental Approvals Branch  
Environment and Climate Change  
14 Fultz Boulevard  
Winnipeg MB R3Y 0L6

PHONE NO.: 204-794-3389  
FAX NO.: 204-945-5229  
E-MAIL: [Asit.Dey@gov.mb.ca](mailto:Asit.Dey@gov.mb.ca)  
FILE NO.:

**SUBJECT: RM of Elton - Forrest Wastewater Treatment Lagoon  
Expansion Environment Act Proposal – File 4738.10-  
February 13, 2023**

---

Thank you for your email dated January 12, 2023, seeking comments on the above Environment Act Proposal.

The proposed project is not in an area of water power interest. I do not have any further comments on this proposal.

**ORIGINAL SIGNED BY**

Asit Dey

**From:** [+WPG530 - Drinking Water - Approvals](#)  
**To:** [Sagan, Barsha](#)  
**Subject:** RE: Request for Review/Comment -RM of Elton - Forrest Wastewater Treatment Lagoon Expansion Environment Act Proposal – File 4738.10- February 13, 2023  
**Date:** January 13, 2023 11:56:28 AM

---

No concerns.

Office of Drinking Water (ODW)

**Cory Vitt, P.Eng. M.Eng. CPPA(ing) CMMA**

(pronouns: they/them; please don't use "Mr. Vitt")

*Acting Senior Approvals Engineer*

Office of Drinking Water

Environment, Climate and Parks

1007 Century Street

Winnipeg, Manitoba R3H 0W4

Cell: 204-806-1363

Email: [Cory.Vitt@gov.mb.ca](mailto:Cory.Vitt@gov.mb.ca)

**From:** [Nicklin, Darren](#)  
**To:** [Sagan, Barsha](#)  
**Cc:** [Hay, David](#)  
**Subject:** FW: Request for Review/Comment -RM of Elton - Forrest Wastewater Treatment Lagoon Expansion Environment Act Proposal – File 4738.10- February 13, 2023  
**Date:** January 16, 2023 9:24:53 AM

---

With the proposed alterations to the drainage channel as well as dikes the details would need to be incorporated into the EAL license.

Darren Nicklin

Senior Water Resource Officer  
Manitoba Environment, Climate, and Parks  
[Darren.Nicklin@gov.mb.ca](mailto:Darren.Nicklin@gov.mb.ca) Cell: (204) 572-7265  
Box 10 -27-2<sup>nd</sup> Ave SW  
Dauphin, Manitoba R7N 3E5

Facts are Key in the fight against COVID-19, visit [Manitoba.ca/covid-19](https://www.manitoba.ca/covid-19)

DATE: February 06, 2023

TO: Barsha Sagan  
Environmental Approvals Branch  
1007 Century St, Winnipeg, MB  
R3H 0W4

FROM: Joy Kennedy  
Water Quality Management Section  
Environment, Climate and Parks  
Box 14, 200 Saulteaux Crescent  
Winnipeg, Manitoba R3J 3W3

PHONE NO.: 204-945-7908

SUBJECT: RM OF ELTON – FORREST WASTEWATER TREATMENT LAGOON

- The following effluent standards should be in place for RM of Elton - Forrest wastewater treatment lagoon as per the *Manitoba Water Quality Standards, Objectives and Guidelines Regulation* (196/2011) for any discharge events, not including irrigation:
  - BOD5 25 mg/L,
  - TSS 25 mg/L,
  - Total Phosphorus <1 mg/L,
  - Fecal Coliforms or *Escherichia coli* 200 organisms / 100mL
- In a given year, the *Nutrient Management Regulation* (62/2008) requires that no person shall apply any substance with containing nitrogen or phosphorus between November 10 of one year and April 10 of the following year.
- Application of sludge must be calculated to meet the *Nutrient Management Regulation* (62/2008) requirements that in nutrient management zone N1, N2, and N3 where Olsen soil test P, within the top 15 cm, is from 60 to <120 ppm the maximum allowable nutrient application is at 2 times the crop removal rate of P<sub>2</sub>O<sub>5</sub>. If Olsen soil test P is 120 to <180 ppm the maximum allowable nutrient application is 1 times the crop removal rate of P<sub>2</sub>O<sub>5</sub>. No phosphorus application if soil test Olsen-P is 180 ppm or greater. Residual nitrate-N limits must be met as specified for the various nutrient management zones.
- The *Nutrient Management Regulation* (62/2008) requires setbacks as Nutrient Buffer Zones when applying nutrients.
  - A groundwater feature 15m,
  - a wetland, bog, marsh or swamp other than a major wetland bog, marsh or swam setback distance between the water's edge and the high water mark.
  - A lake or reservoir designated as vulnerable setback distance 30m
  - A lake or reservoir, not designated as vulnerable setback distance 15m
  - A river, creek or stream designated as vulnerable setback distance 15m
  - A river, creek or stream not designated as vulnerable, a 3<sup>rd</sup> order drain or higher, a major wetland, bog, marsh or swamp, a constructed retention pond setback distance 3m.
- The total area of the setbacks, due to the Nutrient Buffer Zones mentioned above, should be excluded from the land base calculations when determining the area of land necessary for land application. Class 6 and 7 and unimproved organic soils soils are Nutrient Management Zone N4 and no nutrients should be applied to this soil as per the *Nutrient Management Regulation* (62/2008). The total area of Class 6 soils Zone N4 must be excluded from the land base calculations used to determine the area of land necessary.
- The Water Quality Management Section is concerned with any discharges that have the potential to impact the aquatic environment and/or restrict present and future uses of the water. Therefore it is recommended that the license require the proponent to actively participate in any future watershed based management study, plan/or nutrient reduction program, approved by the Director.

Sincerely,

Joy Kennedy

**From:** [+WPG137 - Parks Circulars](#)  
**To:** [Sagan, Barsha](#)  
**Subject:** RE: Request for Review/Comment -RM of Elton - Forrest Wastewater Treatment Lagoon Expansion Environment Act Proposal – File 4738.10- February 13, 2023  
**Date:** January 30, 2023 10:47:23 AM

---

Hello,

Parks Branch has reviewed Environment Act Proposal: RM of Elton - Forrest Wastewater Treatment Lagoon - File 4738.10. The Branch has no comments to offer.

Matt Loewen  
Manitoba Parks

**From:** [Porteous, Marianne](#)  
**To:** [Sagan, Barsha](#)  
**Subject:** RE: Request for Review/Comment -RM of Elton - Forrest Wastewater Treatment Lagoon Expansion Environment Act Proposal – File 4738.10- February 13, 2023  
**Date:** January 20, 2023 4:15:46 PM

---

Hello Barsha,

No concerns from the Forestry and Peatlands Branch.

Marianne

**From:** [+WPG1195 - Mines BR](#)  
**To:** [Sagan, Barsha](#)  
**Subject:** RE: Request for Review/Comment -RM of Elton - Forrest Wastewater Treatment Lagoon Expansion Environment Act Proposal – File 4738.10- February 13, 2023  
**Date:** January 19, 2023 2:46:33 PM

---

Hi Barsha,

Mines Branch has no concerns

Tim Davis  
GIS Specialist  
Mineral Tenure and Regulatory Services, NRND  
[Tim.davis@gov.mb.ca](mailto:Tim.davis@gov.mb.ca)  
360-1395 Ellice Ave, Winnipeg, MB  
(204) 945-6525

**From:** [Leonen, Leonardo](#)  
**To:** [Sagan, Barsha](#)  
**Cc:** [Mraz, Peter](#); [Williams, Lisa](#)  
**Subject:** RE: Request for Review/Comment -RM of Elton - Forrest Wastewater Treatment Lagoon Expansion Environment Act Proposal – File 4738.10- February 13, 2023  
**Date:** January 26, 2023 12:58:31 PM

---

Hello Barsha, there are no known petroleum deposits and oil/gas infrastructure in the area. Petroleum Branch has no concerns.

Leo

**From:** [+WPG574 - HRB Archaeology](#)  
**To:** [Sagan, Barsha](#)  
**Subject:** RE: Request for Review/Comment -RM of Elton - Forrest Wastewater Treatment Lagoon Expansion Environment Act Proposal – File 4738.10- February 13, 2023  
**Date:** January 30, 2023 2:44:03 PM  
**Attachments:** [AAS-22-19904 MECP-EAB 4738.10.pdf](#)

---

Hi Barsha,

No concerns at this time. See attached memo for more details.

Reid Graham  
Impact Assessment Archaeologist - Western, Central, and Eastern Regions  
Historic Resources Branch  
Sport, Culture and Heritage - Government of Manitoba  
e. [Reid.Graham@gov.mb.ca](mailto:Reid.Graham@gov.mb.ca)  
c. (204)-451-7034 (0830-1630, M-F)  
213 Notre Dame Avenue  
Winnipeg, MB R3B 1N3

**DATE:** 2023-01-30

**TO:** Environmental Approvals Branch  
Environment Climate and Parks

**FROM:** Archaeological Assessment Services Unit  
Historic Resources Branch  
Main Floor – 213 Notre Dame Avenue  
Winnipeg, MB  
R3B 1N3

CC

T: (204) 945-2118 F: (204) 948-2384  
e: HRB.archaeology@gov.mb.ca

**SUBJECT:** EAP File 4738.10  
AAS File AAS-22-19904  
Forrest Wastewater Treatment Lagoon Expansion

### No Concerns at this Time

Further to your e-mail regarding the above noted application, the Manitoba Historic Resources Branch (HRB) has examined the location in conjunction with Branch records for areas of potential concern. The potential to impact to heritage resources is believed to be low based on analysis of current data and evaluated by the type of action proposed, therefore, the HRB has no concerns with the proposed project at this time. This evaluation is only appropriate for this respective request.

### Legislation

Under Section 46 and 51 of the Heritage Resources Act (the Act), if at any time, heritage resources are encountered in association with these lands during testing and development, there is an obligation to report any heritage resources and a prohibition on destruction, damage or alteration of said resources. HRB may require that an acceptable heritage resource management strategy be implemented by the proponent/developer to mitigate the effects of their activity on the heritage resources. A copy of this legislation can be found at this address:

- <https://web2.gov.mb.ca/laws/statutes/ccsm/h039-1e.php>.

If you have any questions, please contact as above for proper assignment and queueing.

Historic Resources Branch  
Archaeological Assessment Services Unit

## Sagan, Barsha

---

**From:** Andersen, Peter  
**Sent:** February 24, 2023 11:00 AM  
**To:** Sagan, Barsha  
**Cc:** Dillabough, Sharla; Owusu Ansah, Emmanuel  
**Subject:** RE: Request for Comments - Environment Act Proposal File No. 4738.10 - Community of Forest - Wastewater Lagoon Expansion

Good Morning Barsha,

Please be advised that the Brandon Community Planning Office has reviewed the above-referenced Environment Act Proposal and offer the following comments for your review and consideration.

The lands on which the proposed loon expansion are located are located in Pt. SW31-11-18WPM in the community of Forest in the RM of Elton. All development in the RM of Elton is subject to the requirements of the **RM of Elton Zoning Bylaw No. 1499**, as amended.

**PART 3, General Provisions, Section 24 – Public Utilities** of the RM of Elton Zoning by-law states the following:

*“Nothing in this By-Law shall be interpreted as to interfere with the location, construction, maintenance and operation of the facilities of any public utility that are of a standard comparable with the adjacent area as determined by the Council and that any building or structure erected in any zone complies with the yard and area requirements provided for in the Bulk Tables in the zone in which the building or structure is located.”*

The subject lands are zoned “**RG1**” – **Residential General -1 Zone**.

PART SIX - Table 6-1 of the RM of Elton Zoning Bylaw sets out permitted and conditional uses that may be developed in the “**RG -1**” **Zone**. The development or expansion/intensification of a municipal wastewater lagoon in the “**RG - 1**” is a conditional use in this zone (see highlighted provisions in yellow below).

**TABLE SIX - 1  
RURAL SETTLEMENT USES**

RESIDENTIAL GENERAL ZONES		
	RG1	RG2
<b>PERMITTED USES</b>		
Accessory Uses, Buildings and Structures (see Subsection 3 of this Part)	P	P
Child Care Services Home Day Care	P	P
Churches	P	P
Community Centres and Clubs	P	P
Dwellings Single Family Dwellings Two Family Dwellings Mobile Homes and Modular Homes (b)	P P P	P P NP

Home Based Business (See Subsection 4 of this Part)	P	P
Parks and Playgrounds	P	P
<b>CONDITIONAL USES</b>		
All other uses deemed by Council to be compatible in the Residential General Zones and in accordance with the Brandon and Area Planning District Development Plan	C	C

PART SIX: Table 6-2 from the RM of Elton Zoning Bylaw (below) sets out the minimum use and bulk requirements applicable to municipal wastewater facilities (highlighted in yellow)

**TABLE SIX - 2  
RURAL SETTLEMENT BULK REQUIREMENTS**

PERMITTED OR CONDITIONAL USES	ZONES	MINIMUM REQUIREMENTS				
		Site Area sq. ft. (sq. m.)	Site Width ft. (m.)	Front Yard ft. (m.)	Side Yard ft. (m.)	Rear Yard ft. (m.)
Accessory Uses, Buildings and Structures (a)	GD, RG1, RG2	N/A	N/A	30(d)	15 (4.57)	15 (4.57)
Dwellings: Single Family (b) Two Family (b)	GD, RG1	15,000 (1393.55)	100 (30.48)	15 (4.57)	15 (4.57)	15 (4.57)
	RG2	87,120 (8093.71)	200 (60.96)	15 (4.57)	15 (4.57) (e)	15 (4.57)
	GD, RG1	30,000 (2787.1)	150 (45.72)	15 (4.57)	15 (4.57)	15 (4.57)
	RG2	87,120 (8093.71)	200 (60.96)	15(4.57)	15 (4.57) (e)	15 (4.57)
Mobile Homes and Modular Home (b)	GD, RG1	15,000 (1393.55)	100 (30.48)	30 (9.14)	15 (4.57)	15 (4.57)
Other Uses Listed in TABLE SIX - 1, (a)(c)	GD, RG1	15,000 (1393.55)	100 (30.48)	30 (9.14)	15 (4.57)	15 (4.57)
	RG2	87,120 (8093.71)	200 (60.96)			

(2) Explanations and Exceptions Forming Part of TABLE SIX - 2

- (a) The minimum building separation for accessory buildings and structures and for other uses listed in TABLE SIX - 1 shall be 15 feet (4.57 metres).
- (b) The minimum floor area of a single-family dwelling, two-family dwelling, mobile home or modular home shall be 600 square feet (55.74 square metres) for each dwelling unit;
- (c) The minimum floor area of a dwelling unit which is accessory to a commercial or industrial use shall be 400 square feet (37.16 square metres); and
- (d) The minimum required front yard for gas pumps shall be 20 feet (6.1 metres).

(e) Dwellings established after the effective date of this By-Law, on parcels with a lot width of 200 feet (60.96 metres) or greater, shall provide one side yard of at least 115 feet (35.05 metres) in order to enable future subdivision and rezoning when services become available.

**Concluding Remarks:**

Based on our review of the RM of Elton Zoning Bylaw, our office has no concerns with the proposed expansion of the wastewater treatment facility in the RM of Elton in the community of Forest. The additional cell is being constructed east of the existing wastewater cells and built up area of the community of Forest. We recommend however that the applicant contact the municipality and make arrangements to obtain the required conditional use order required for the expanded/intensified municipal wastewater treatment facility and determine the need to obtain a development permit from the Keystone Planning District (Shawna Paulson – 204-725-2001 or via e-mail at [info@keystonepd.ca](mailto:info@keystonepd.ca)).

Peter Andersen  
Community Planner  
Manitoba Municipal Relations  
Unit 1B – 2010 Currie Blvd.  
Brandon, Manitoba R7B-4E7

Phone: (204) 726-7414  
[Peter.Andersen@gov.mb.ca](mailto:Peter.Andersen@gov.mb.ca)

**From:** [Ji, Hong](#)  
**To:** [Sagan, Barsha](#)  
**Subject:** RE: Request for Review/Comment -RM of Elton - Forrest Wastewater Treatment Lagoon Expansion Environment Act Proposal – File 4738.10- February 13, 2023  
**Date:** January 17, 2023 2:29:48 PM

---

Good afternoon Barsha

The ITS has no comments or concerns for the above proposal. Wastewater Treatment Lagoons are not regulated under The Building and Mobile Homes Act.

Regards

**Hong Ji**, P.Eng. CBCO, FI-II  
Building and Fire Safety Engineer  
**Inspection and Technical Services**  
**Labour, Consumer Protection and Government Services**  
508-401 York Avenue Winnipeg, MB R3C 0P8  
P: 204-792-2336  
[Hong.Ji@gov.mb.ca](mailto:Hong.Ji@gov.mb.ca)

**From:** [Johnston, Anna](#)  
**To:** [Sagan, Barsha](#)  
**Cc:** [Johnston, Anna](#); [Frykoda, Amy](#); [Roberecki, Susan](#)  
**Subject:** FW: Request for Review/Comment -RM of Elton - Forrest Wastewater Treatment Lagoon Expansion Environment Act Proposal – File 4738.10- February 13, 2023  
**Date:** January 16, 2023 3:41:38 PM

---

Hi Barsha,

I hope your day has been going well.

Thank you for the opportunity to review this Environment Act Proposal.

I have no concerns.

Thank you,  
Anna

Dr. Anna Johnston, BSc, MD, MPH  
Medical Officer of Health  
Manitoba Health/Prairie Mountain Health  
Ph: 204.471.9395