

Henderson Highway Area Wastewater Plan



Rural Municipality of
St. Clements
The place to be

rmofstclements.com | info@rmofstclements.com

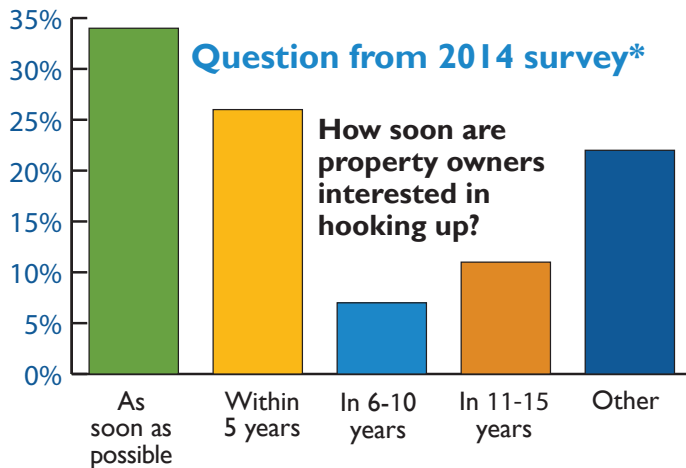
South Henderson Highway has sewage pipes in the ground with the potential to service 600 homes. They are hooked up to the existing Lockport Wastewater Treatment Plant (LWWTP).

The first priority was to hook up the 66 homes in the Old River Road area that were under a Provincial Public Health Order due to failing septic systems. Beyond these, the LWWTP has little capacity to service the other 500+ homes so we have been looking at several options.

The Health Order was lifted in April of 2017 due to the new wastewater system.

Why do we need to do anything?

- To protect the aquifer and waterways
- New septic fields are not allowed in the Red River Corridor area and many residents have septic fields close to the end of their life span

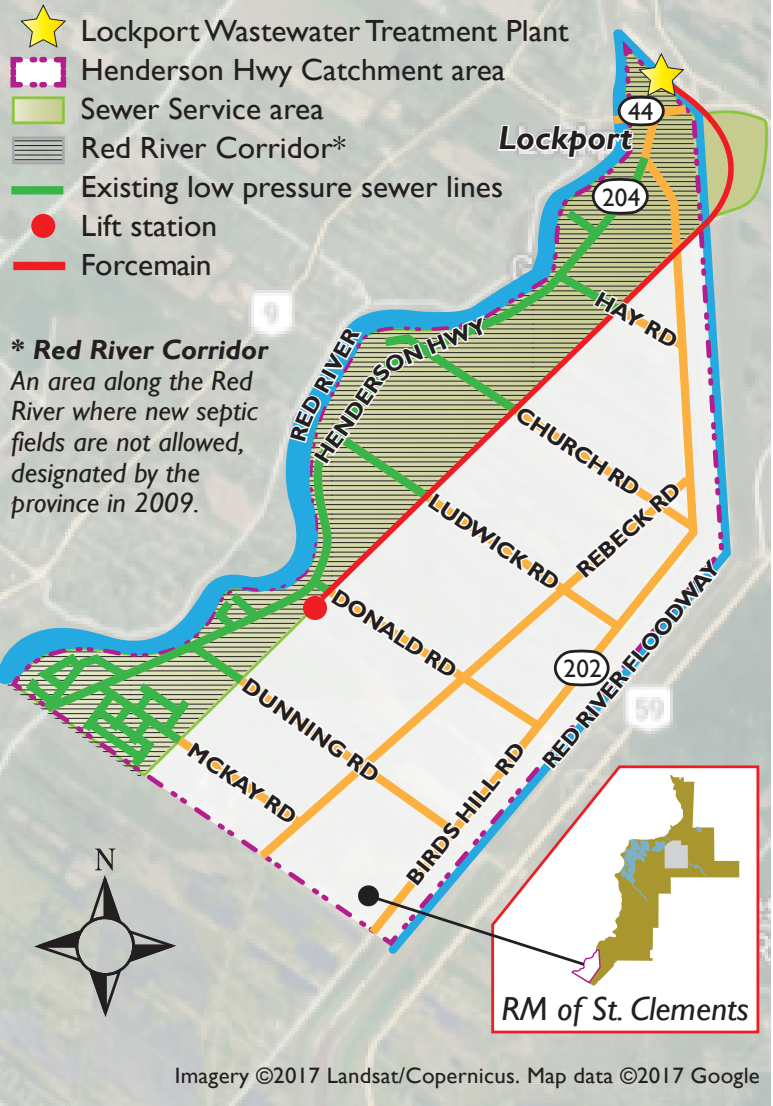


*Henderson Sewer Project Survey 2014, 202 respondents. Available as a PDF on our website at rmofstclements.com/henderson under "Open House"

When can I hook up?

- Once the new wastewater system is set up, the RM will only hook up neighbourhoods that want sewer service.
- If a neighbourhood wants service, the RM will create a Local Improvement District (LID) to borrow the money for the hookup which residents will then pay back either in a lump sum or over 20 years on their property tax bill.
- Hookup is projected to happen between 2019-2039

Henderson Highway Sewer System



Next Steps

If Council decides to proceed with expanding the East Selkirk Lagoon, they will apply for a grant to complete a preliminary engineering study to determine the actual costs of the project.

We will continue to keep residents updated on the progress of the sewer project. The RM is committed to keeping citizens fully informed at all stages of the project.

Henderson Highway Area Wastewater Plan



Rural Municipality of
St. Clements
The place to be

OPTION 2 Lockport Wastewater Treatment Plant Expansion

- Long approval process
- Poor fit in urban area
- High operating costs and utility bills
- High initial investment

OPTION 1 *PREFERRED OPTION* East Selkirk Lagoon

- Uses existing capacity so has the lowest initial capital costs
- Minimizes operational costs and utility bills
- Is the quickest solution to capacity issues

OPTION 4 Partnering with Winnipeg and the RM's of St. Andrews and West St. Paul

- Highest quarterly utility bills
- Limited capacity available in the pipe
- High hook up charge

OPTION 3 New Lagoon in Lockport Industrial Park

- Disruptive for existing neighbourhood
- Highest initial capital costs
- Longest approval process

OPTION 5 Partnering with East St. Paul

- Highest hookup charge
- High quarterly utility billings

What we did

We looked at five options to manage wastewater.

1. First we looked at the feasibility of expanding the Lockport Wastewater Treatment Plant.
2. Then the province suggested we study the possibility of partnering with the RM of St. Andrews, who are planning to send wastewater to Winnipeg.
3. We were then approached by the RM of East St. Paul to use their wastewater treatment plant.
4. Finally, we examined the options of building a new lagoon in the Lockport Industrial Park or using the existing East Selkirk lagoon, which still has ample capacity.

Each option was ranked based on several factors including environmental impact, cost, risks, service capacity and construction time.

East Selkirk Lagoon has the best combination of environmental and financial sustainability.

East Selkirk Lagoon:

- Was completed in 2015
- Underwent a lengthy environmental impact assessment before construction
- Undergoes regular, rigorous environmental testing
- Has few residences nearby

