

Section 7.0 – Watershed Development

Section 7.4.3 - Water Treatment Plants (source: Office of Drinking Water)

1. There are two (2) municipal WTPs in the watershed:

- **R.M. of MacDonald Regional WTP (MRWTP)** at Sanford – a class IV (4) lime-soda softening plant
- MRWTP location: SW 29-8-1E – latitude N 49° 40' 56.2" and longitude W 97° 25' 42.0"
- Water source – La Salle River (flow supplemented from the Assiniboine River)
- Serves 6 towns in RM of MacDonald and almost all rural areas. **Brunkhild, Domain, La Salle, Oak Bluff, and Starbuck** re-chlorinate the in-coming water and have treated water **reservoirs**, which re-pump to the respective town and surrounding rural area. **Sanford is fed directly from the MRWTP reservoir.**
- The MRWTP also supplies a reservoir serving a **truck-fill station in the RM of Cartier at Springstein.**
- Population served is probably approximately 5,000, nearly all the Rm residents (RM population – 5,320)
- The RM of MacDonald could probably supply you with a map of the distribution system

And,

- **Elm Creek** – a class II (2) reverse osmosis plant
- Location: 190 Church Avenue – latitude N 49° 40' 31.1" – longitude W 98° 00' 12.2"
- Water source – a deep well two miles north on Hwy 13 at NE 36-8-5W at N 49° 41' 40.4" – W 98° 00' 22.9"
- Population served is about 350, which includes the village of Elm Creek (pop. 328) and about ten nearby rural connections

2. Other water service from outside the watershed:

- The **Cartier Regional WTP (CRWTP)** is just outside the watershed area, north of St. Eustache. The distribution system serves many towns and rural areas in the RMs of Cartier, Portage la Prairie and Grey. The **re-chlorinating storage reservoirs** are at **St. Eustache, Elie, Fannystelle and Oakville.**
- **Haywood and St. Claude** village and surrounding rural areas are served by the **Stephenfield Regional WTP**, owned by PVWC. Again, the MWSB could supply a map. There are re-chlorinating storage reservoirs at each village.
- **The City of Portage la Prairie WTP** serves a re-chlorinating reservoir at **Southport**. In this case, the surrounding rural areas are serviced directly from the City WTP main distribution lines, feeding branch lines in the rural areas.

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3. Semi-public systems:

- The semi-public systems known to me are **Hutterian communities**. I have not inspected these yet to confirm water source, treatment systems, certification application information and locations. There is quite a few. I hope to resume inspections in the spring. Each RM may be able to provide the exact locations of the colonies in their RM.

SECTION 7.4.4.2

Rural Water Pipelines of the La Salle River Watershed

