

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.