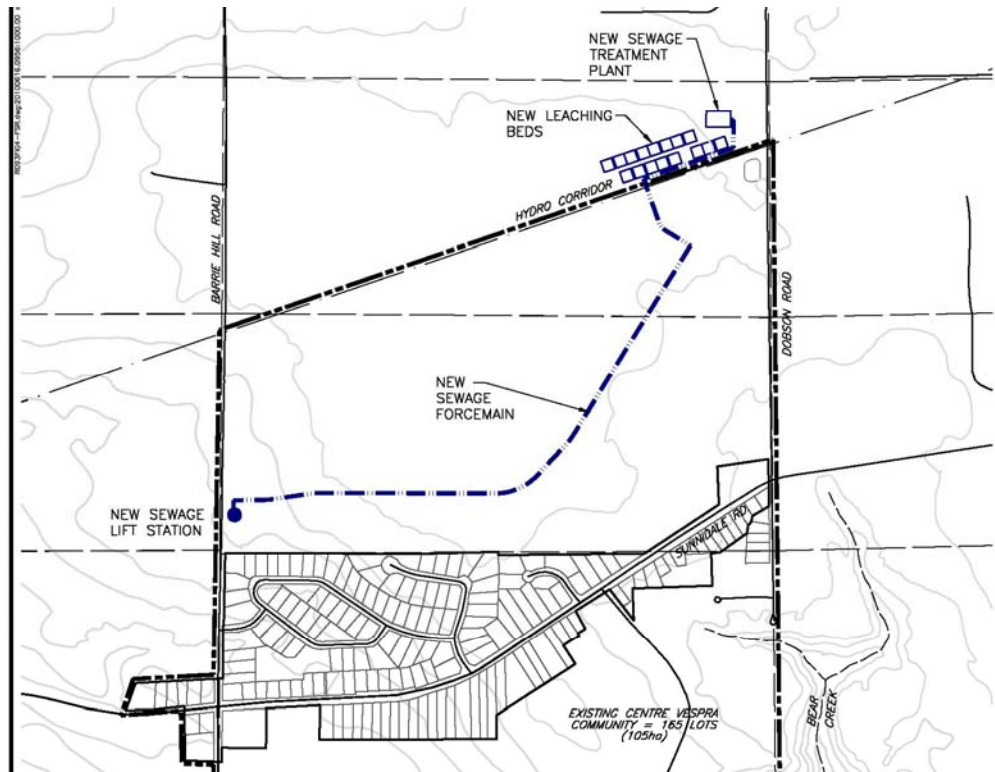


Centre Vespra Sewage Treatment Class EA

Client: Yorkwood Homes

Year: 2007 - 2009



SERVICES PROVIDED

CCTA completed a study as a Schedule C undertaking in the Class EA to determine the preferred means of providing sewage treatment and effluent disposal service for the planned growth in the community of Centre Vespra in the Township of Springwater. It was recommended, following public and agency consultation, that the development be serviced by a 1,000 m³/day communal sewage treatment plant (STP) with effluent discharge to a large subsurface system. To meet the MOE's reasonable use policy and ensure the groundwater quality for downstream drinking water users is maintained, the sewage treatment facility will provide full nitrification and denitrification to achieve a very low effluent total inorganic nitrogen concentration. It was recommended that the STP incorporate sequencing batch reactor modules equipped with denitrification units and tertiary filters.

Key Staff: Suzanne Troxler, Deanna Forrester



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