

Concrete. There are four (4) sub-area pump stations that collect a certain portion of the gravity fed sewage from one particular area and convey it to another maintenance hole at a higher location in the collection system so that it is all ultimately conveyed to the STP. Pump stations are referred to as the North Side Pump Station; the South Side Pump Station; the Raglan Street Pump Station and the Mill Street Pump Station.

The STP is an extended aeration treatment system and generally consists of a grit removal channel, manual bar screen; two in-ground circular package treatment units; chemical feed systems; geotube sludge dewatering facility, and administrative, equipment and chemical buildings. The original plant was constructed in the 1960s, with a major expansion in the mid-1990s, and the sludge dewatering facility was constructed most recently in 2008.

Annual operating, maintenance and renewal of the sewage system infrastructure is funded through consumption-based user fees, flat rate user fees, transfers from the Eganville Generation Corporation, Provincial/Federal Assistance Programs, Sludge Disposal Revenue, new debt and transfers from reserve funds.

3.3 Storm Drainage System

The Township provides a major storm sewer system in the Village of Eganville and a much smaller minor system in the Foymount area. The storm drainage system generally consists of a network of underground piping, structures and ditches that carry stormwater to either the Bonnechere River or a nearby ditch. The stormwater drainage system is designed to control the quantity, timing and distribution of storm runoff. Its efficient operation is essential to ensure that flooding does not occur during rainfall events and during the Spring snow melt. Annual operating, maintenance and renewal of the storm drainage system is funded through transfers from the Eganville Generation Corporation, Provincial/Federal Assistance Programs, Sludge Disposal Revenue, new debt and transfers from reserve funds. An overview of the Eganville and Foymount area storm drainage systems are presented in Drawing No. 3 and 3A. The gravity collection system consists of approximately 13 km of underground pipe, ranging in diameter from 150 mm (6") to 900 mm (36"). Pipes are generally either Smooth Wall Plastic, Concrete, or Metal. Related appurtenances include maintenance holes, catch basins and culverts.

3.4 Eganville Arena and Community Centre

The Eganville Arena and Eagles Nest Community Centre is a key recreational building within the Township of Bonnechere Valley offering indoor facilities for sports activities and community events year round. In general, the building is comprised of four (4) main sections:

- Arena – Ice surface and stands;
- Eagles Nest Hall;
- Public Areas – canteen, change rooms, lobby; and
- Service Area – ice making room and plant, Olympia garage, two (2) additional change rooms

Originally built in 1948 as a mainly wood structure, this facility underwent a significant retrofit in 1977 with the addition of a steel frame and walls (Butler pre-engineered type building). The