

Appendix D: Public Service Areas: Supplementary Information

Public Service Areas – Supplementary Information

Public Service Area policies are provided in the City's Official Plan [S. 4.7.2] and Infrastructure Master Plan [S.4.3.3].

Existing Public Service Areas (PSAs) are shown on Schedule 6. Generally, all development inside the Urban Boundary and within serviced areas inside the Villages of Carp, Richmond, Munster, Manotick, Notre Dames des Champs, and Vars (water only) is to be serviced by public water and wastewater systems. Water and wastewater service connections are to be compliant with the City's Water Bylaw #2013-360, as amended, and Sewer Use Bylaw #2003-514, as amended. Existing private service enclaves exist within the PSA. Lots in these areas have a right to, and are encouraged to, connect to public services (typically at the cost of the homeowner through a Local Area Improvement under the *Municipal Act*).

Exceptions have occurred whereby public water and/or wastewater services have been extended outside of the above noted PSA boundaries, into the rural area. Generally, these exceptions have been made to provide potable water in areas of poor groundwater or contaminated groundwater; to support unique economic development opportunities (for example, Rideau Carleton Raceway & Casino); to service Federal facilities inside the Greenbelt; or in instances where permission has been granted to connect to parcels fronting transmission mains.

Public Service Area Exceptions

Carp Road Landfill Wastewater Forcemain

Waste Management manages groundwater at its site at Carp Road and Highway 417 by operating a purge well system, landfill liners, and leachate control systems. A discharge forcemain to the City of Ottawa sanitary sewer system on Carp Road has been in operation since 2001.

Fallowfield Road Water Supply

Water service was extended to the Fallowfield Road / Moodie Drive area in 2002 to remedy reported groundwater contamination affecting wells. Service was restricted to existing lots / uses south of Fallowfield Drive (4554 -4750 Fallowfield Road, 2726 & 2757 Moodie Drive and 500 Bride Private).

South Gloucester Water Service Area

Water service was extended south on Bank Street to Mitch Owens Drive and east for one concession in 1981 to remedy risk posed by groundwater contamination. Limited capacity was made available for connection of properties of record along the route for a total of 210 units, but no provision was made for extension / expansion.

Carlsbad Springs

The Carlsbad Springs Water Service Area provides a low pressure “trickle feed” to rural residential and ICI lots in the former municipalities of Gloucester and Cumberland. The original system was constructed in the 1990’s to service up to 775 lots, but the system has been extended over the last three decades, and based on capacity assessment, servicing is available for the equivalent of 1024 residential lots.

The water distribution system differs from others in the City in that it requires a small storage tank and pressure pump to be located within each home, providing in house balancing and storage and in-house pressurization of the water supply. A constant flow rate is provided to each home, thus reducing the peak demands on the water supply system and allowing smaller diameter watermains to be used in the distribution system. The system does not provide fire protection and outdoor water use is not permitted.

Official Plan policies permit water connections to existing buildings, vacant lots and new lots created by consent where they front onto the existing water service. Water capacity to service industrial and commercial developments, such as the Amazon warehouse, has been allocated on the basis of an equivalent number of lots.

New connections may be permitted in the Carlsbad Springs Trickle Feed System Public Service Area outside the existing Public Service Area, and to other connections fronting on the system, under the following circumstances:

- for a coach house on a lot greater than 0.65 ha in size; or
- for a non-residential use fronting onto Boundary Road; or
- for existing rural industrial areas east of Boundary Road.

Notwithstanding the above, limited capacity exists in the Carlsbad Springs trickle feed system, particularly for the non-residential areas, and the City reserves the right to refuse any new connection to the Carlsbad Trickle Feed system.

Greely / Shadow Ridge

Residential uses on lands within Lots 8 and 9 in Concession IV shall be serviced by public communal water and sanitary systems. Commercial and institutional uses on lands designated Village Core, located on Village Centre Place may be serviced by private communal sanitary services.

Village of Marionville

The Village of Marionville straddles the City of Ottawa and adjacent Russell Township at the City’s southeast boarder. City residents with frontage on Marionville Road and on Gregoire Road have water service supplied by connection to watermains operated by the Township of Russell. The Township of Russell, which is supplied with water sold by the City under agreement, is compensated for water supplied to Marionville residents.