

Ontario

Ministry
of the
Environment

Hon. George A. Kerr, Q.C.
Minister
K. H. Sharpe
Deputy Minister

WATER AND SEWAGE TREATMENT WORKS IN ONTARIO DEC. 31, 1976



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Deputy Minister

Water and Sewage Treatment Works in Ontario

Dec. 31, 1976

prepared by: Municipal and Private Section
Pollution Control Branch

416/965-1655

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Municipal Sewage Unit,
Pollution Control Branch,
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INTRODUCTION

The Ontario Ministry of the Environment is concerned with the overall protection of the natural environment and to meet this objective one of its goals is to improve the management of waste and water. In this regard the Ministry inspects all communal water and sewage works facilities and monitors the treatment process with regular sampling programs. The delivery of programs and services is carried out on a Regional basis and we have listed the treatment works by region. Sewage treatment works are shown in Part I, water treatment works are shown in Part II and each part begins with a description of the various treatment methods, followed by a summary of the entire Province.

Locations and phone numbers of the various Ministry offices are shown on the map page of each region, and we would ask that you direct your inquiries regarding specific treatment facilities to the office nearest you.

The Municipal and Private Section of the Pollution Control Branch is concerned with assessing the effectiveness of municipal sewage and water supply and has produced this general information publication from its central data records and information systems serving all Branches and Regions of the Ministry. Information concerning this report may be obtained from the Municipal and Private Section, at 135 St. Clair Avenue, West, (965-1655).

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PART I - SEWAGE TREATMENT

The release of untreated sanitary wastes to a water course, particularly in the immediate discharge area, renders the watercourse unusable for practically all purposes. This condition is offensive, a threat to public health and disruptive to plant and animal life cycles; consequently, the adequate treatment of wastes to produce a satisfactory effluent for discharge to a watercourse is a major concern of this Ministry. The use of water for the assimilation and dilution of treated wastes also requires consideration of the other uses of water, such as, public, agricultural and industrial supply, recreation, aesthetic enjoyment and the propagation of fish and wildlife. It is important to note that the water resources of Ontario must meet many needs, some of which are in conflict; consequently, guidelines and criteria for water quality have been created. For each use of water there are certain water quality characteristics, which are identified as criteria and a full discussion of these are contained in a booklet entitled, "Guidelines and Criteria for Water Quality Management in Ontario". Copies may be obtained from the offices of the Ministry of the Environment. There are many types of sewage treatment processes for domestic or sanitary wastes but the major treatment methods are only variations of the principles which nature uses to purify a river or other body of water. Basically the more essential factors such as sedimentation and the biological breakdown of wastes are speeded up in the treatment plant, with the end result being a quality product which places a minimum amount of strain on the environment. Recently, a chemical method of treatment to reduce the phosphorus content of the effluent has been adapted to the various treatment types and this is seen to be a key factor in controlling nuisance algae growth in a water course.

PRIMARY TREATMENT

The mechanics of settling are employed to remove the heavier particles, grease and scum. The material (sludge) which has finally settled is removed to a digester or other treatment facility where it is processed or dewatered before final disposal. While the effluent produced is of a lower standard of quality than is achieved in secondary treatment, the reduction of organic material and suspended solids is significant, ranging from 30 to 50 percent for organic material and from 40 to 70 percent for suspended solids. This form of treatment is used only when it will meet the water quality requirements of the watercourse.

CONVENTIONAL SECONDARY

Complete biological treatment is achieved through the "activated sludge process". In this process, the effluent from primary treatment is transferred to an aeration section where it is thoroughly mixed by the introduction of air. The air provides sufficient oxygen and contact through agitation for the growth of a mixed biological community of micro-organisms. This mixed biological system uses organic matter and an activated sludge is produced which becomes the vehicle and means for maintaining the process. An optimum balance between the incoming food, (primary effluent) and the population of the mixed biological community is ensured by returning a portion of the activated sludge to the beginning of the aeration section. Excess liquid and activated sludge is directed along with primary sludge to

digesters where it receives further treatment. A clear high quality effluent is produced and the removal of organic material and suspended solids ranges from 90 to 95 percent.

EXTENDED AERATION AND CONTACT STABILIZATION

The incoming wastes are immediately placed in an aeration section without primary settling. Extended aeration, as stated in the title, is employed on the raw wastes and an activated sludge is produced.

As with the conventional secondary, a high level of biological activity is maintained throughout the aeration tank by returning some of the activated sludge to the raw sewage influent. The excess liquids and activated sludge are placed in a digester where further biological breakdown occurs.

Contact stabilization provides for reaeration of the return activated sludge from a final settling chamber and this has the advantage of a smaller aeration tank with no loss of treatment efficiency.

The suspended solids and organic material removed ranges from 85 to 95 percent.

TRICKLING FILTER

After primary treatment the effluent is sprayed on a filter bed of crushed rock or other media which has a large surface area upon which biological growth occurs. As the waste water is fed through

the filter, the micro-organisms assimilate the organic material. Oxygen required by the micro-organisms is supplied by the atmosphere. The filtered waste water is collected and directed to a settling tank before final disposal. Organic material and suspended solids removal by this process has been reported from 75 to 90 percent. Trickling filters have generally been employed in the more temperate climates.

LAGOONS, AERATED CELL OR LAGOON

A lagoon is a flat bottomed structure composed of earth dikes and sized to retain the waste water for a designated period of time. The lagoon employs many complex systems working together such as the bacterial conversion of organic matter into available plant food which promotes the growth of algae, one of the simplest forms of plant life. The life cycles and by products of algae and bacteria are complementary in that the bacteria, with sufficient food (wastes), grow and give off carbon dioxide, which is taken in by the algae. The algae with the aid of sunlight produces oxygen which is required to maintain good bacterial activity on the incoming wastes. During the retention period these natural processes break down or effectively stabilize the wastes. The efficiency of these processes are dependant on several factors such as liquid depth, temperature, algae growth, waste characteristics, etc., and when conditions are at an optimum then a good quality effluent may be expected. Some lagoons, or waste stabilization ponds may be aerated, by either mechanical stirring or the bubbling of air into one small cell (aerated cell) or throughout the entire lagoon (aerated lagoon). Aeration reduces the retention period and is useful in treating some industrial wastes. Eighty to 85 per cent removal of organic material and suspended solids may be expected.

OXIDATION DITCH

An oxidation ditch is a retention channel constructed in the shape of a race track which is equipped with a rotary aerating device, which circulates the waste water around the channel where the activated sludge process is employed. After the required retention time the treated waste water is drawn off as new wastes are added, and placed in a settling tank where the sludge is collected and then either returned to the ditch or removed for final disposal. The effluent from the settling tank is clear and of good quality and the organic material and suspended solids removed range from 85 to 90 per cent. This process is similar to extended aeration and is usually used in smaller communities.

PHOSPHORUS REMOVAL

Treatment for phosphorus basically consists of the addition of a chemical which through precipitation lowers the phosphorus in the effluent to a specified amount. Phosphorus must be reduced to one part per million (1 ppm) in all designated plants in the Lower Great Lakes and Ottawa River drainage basins and designated plants in the Upper Great Lakes drainage basin must reduce phosphorus by 80 per cent or to 1 ppm. The facilities required for phosphorus treatment can be incorporated into any existing treatment works and the chemicals generally used are lime, aluminum salts or iron salts. New chemicals to be used in any plant must first undergo treatability studies to determine if the desired reduction of phosphorus is achieved with no upset in plant operation and to ensure that the quality of effluent has not suffered any deterioration.

Important side benefits of increased removal of organic material and suspended solids occur when phosphorus treatment is employed in primary plants and lagoons with seasonal discharge. Secondary plants and continuous discharge lagoons do not enjoy these benefits; however, secondary plants report better settling in the final stages.

PROVINCIAL SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MIGD)</u> *
PRIMARY	39	210'.780
CONVENTIONAL SECONDARY	93	697'.119
MODIFIED SECONDARY	3	6'.150
CONTACT STABILIZATION	18	13'.375
EXTENDED AFRATTON	43	53'.908
TRICKLING FILTER	6	8'.911
HIGH RATE	6	7'.170
AERATED LAGOON	3	1'.830
CONVENTIONAL LAGOON CONTINUOUS	19	4'.541
CONVENTIONAL LAGOON SEASONAL	93	24'.888
LAGOON WITH SPRAY	3	.290
AERATED CELL PLUS LAGOON	2	.494
OXIDATION DITCH	8	2'.608
AERATED CELL	1	.290
TOTAL MINISTRY OPERATED WORKS	196	284'.699
TOTAL MUNICIPALLY OPERATED WORKS	141	747'.655
TOTAL TREATMENT WORKS	<u>337</u>	<u>1,032'.354</u>

* Note: All capacities are shown in millions of imperial gallons per day. ie: One million gallons appears as 1.000

Southwestern Region

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REGIONAL OFFICE

LONDON

985 Adelaide St. S.
519-681-3600

DISTRICT OFFICES

Windsor

3012 Tecumseh Rd. E.
519-945-2339

Sarnia

242A Indian Rd. S.
519-336-4030

Owen Sound

220 11th St. E.
519-371-2901

Southwestern Region



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519-945-2339
Sarnia
242A Indian Rd. S.
519-336-4030
Owen Sound
220 11th St. E.
519-371-2901

SOUTHWESTERN REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MIGD)*</u>
PRIMARY	5	43.070
CONVENTIONAL SECONDARY	18	76.050
CONTACT STABILIZATION	1	400
EXTENDED AERATION	7	7.478
HIGH RATE	1	860
AERATED LAGOON	2	1.580
CONVENTIONAL LAGOON CONTINUOUS	6	1.553
CONVENTIONAL LAGOON SEASONAL	36	10.011
LAGOON WITH SPRAY	1	.100
AERATED CELL PLUS LAGOON	1	.44
OXIDATION DITCH	3	1.545
AERATED CELL	1	.290
TOTAL MINISTRY OPERATED WORKS	58	37.486
TOTAL MUNICIPALLY OPERATED WORKS	24	105.495
TOTAL TREATMENT WORKS	<u>82</u>	<u>142.981</u>

* Note: All capacities are shown in millions of imperial gallons per day. i.e. One million gallons appears as 1.000.

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
AMHERSTBURG MUNICIPAL PLANT TOWN	PRIMARY PHOSPHORUS REMOVAL	1.000	DETROIT RIVER	MUNICIPALITY
AYLMER ALYMER LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.540	CATFISH CREEK	MINISTRY
BELLE RIVER BELLE RIVER PLANT TOWN	EXTENDED AERATION PHOSPHORUS REMOVAL	1.500	LAKE ST. CLAIR	MINISTRY
BELMONT BELMONT LAGOON (19.2 ACRES 2 CELLS) VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.124	KETTLE CREEK	MINISTRY
BLENHEIM BLENHEIM LAGOON (40 ACRES 2 CELLS) TOWN	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.400	DRAIN TO MCGREGOR CREEK	MUNICIPALITY
CHATHAM CHATHAM WPCP CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	4.500	THAMES RIVER	MINISTRY
CHESLEY CHESLEY LAGOON TOWN	CONVENTIONAL LAGOON CONTINUOUS	.193	NORTH SAUGEEN RIVER	MINISTRY
CLINTON MUNICIPAL PLANT TOWN	CONTACT STABILIZATION	.400	BAYFIELD RIVER	MUNICIPALITY
DOVER MITCHELL'S BAY LAGOON (ST. CLAIR PKY COMM) TOWNSHIP	CONVENTIONAL LAGOON (SEASONAL) (TOTAL CONFINEMENT)	.023	(L. ST. CLAIR)	MINISTRY
DRESDEN DRESDEN WPCP TOWN	EXTENDED AERATION PHOSPHORUS REMOVAL	1.000	SYDENHAM RIVER	MINISTRY
DUNDALK MUNICIPAL PLANT VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.122	FOLEY DRAIN TO GRAND R.	MINISTRY
DURHAM DURHAM AERATED CELL TOWN	AERATED CELL	.290	SAUGEEN RIVER	MINISTRY

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
DUTTON DUTTON LAGOON VILLAGE	CONVENTIONAL LAGOON PHOSPHORUS REMOVAL	SEASONAL .070	BENNETT TO LAKE ERIE	MINISTRY
EAST ZORRA-TAVISTOCK TAVISTOCK LAGOON TOWNSHIP	CONVENTIONAL LAGOON PHOSPHORUS REMOVAL	SEASONAL .170	THAMES RIVER	MINISTRY
ENNISKILLEN OIL CITY LAGOON TOWNSHIP	CONVENTIONAL LAGOON PHOSPHORUS REMOVAL	SEASONAL .054	BLACK CREEK	MINISTRY
ESSEX ESSEX LAGOON 1 TOWN	CONVENTIONAL LAGOON PHOSPHORUS REMOVAL	CONTINUOUS .240	PUCE RIVER DRAIN	MINISTRY
ESSEX ESSEX LAGOON 2 TOWN	CONVENTIONAL LAGOON PHOSPHORUS REMOVAL	SEASONAL .360	CANARD RIVER	MINISTRY
EXETER EXETER LAGOON TOWN	CONVENTIONAL LAGOON	SEASONAL .220	MISSABLE RIVER	MINISTRY
FOREST FOREST LAGOON TOWN	CONVENTIONAL LAGOON	SEASONAL .400	HICKORY CREEK	MINISTRY
GLENCOE GLENCOE LAGOON VILLAGE	CONVENTIONAL LAGOON PHOSPHORUS REMOVAL	SEASONAL .210	NEWBRIGGEN CREEK	MINISTRY
GODERICH MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY	1.000	LAKE HURON	MUNICIPALITY
GOSFIELD N. COTTAM P.V. LAGOON 20 ACRES 2 CELLS TOWNSHIP	CONVENTIONAL LAGOON PHOSPHORUS REMOVAL	SEASONAL .200	MADDOX DRAIN TO BELLE R.	MINISTRY
HANOVER MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY	.800	SAUGEEN RIVER	MUNICIPALITY
HARROW HARROW LAGOON (45 ACRES 3 CELLS) TOWN	CONVENTIONAL LAGOON PHOSPHORUS REMOVAL	SEASONAL .500	CEDAR CREEK	MINISTRY

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
HENSALL HENSALL LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	1.100	CREEK TO AUSABLE RIVER	MINISTRY
INGERSOLL INGERSOLL WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	2.250	THAMES RIVER	MINISTRY
KINCARDINE KINCARDINE LAGOON TOWN	AERATED LAGOON CONTINUOUS	1.300	LAKE HURON	MINISTRY
KINGSVILLE MUNICIPAL PLANT TOWN	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	1.430	WIGLE CREEK	MUNICIPALITY
LEAMINGTON LEAMINGTON WPCP (5.4 AS CON. SECONDARY) TOWN	EXTENDED AERATION PHOSPHORUS REMOVAL	4.200	LAKE ERIE	MUNICIPALITY
LISTOWEL LISTOWEL LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL AERATED CELL PHOSPHORUS REMOVAL (CONTINUOUS)	1.690	CHAPMAN DRAIN	MINISTRY
LONDON POTTERSBURO PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	5.200	THAMES RIVER	MUNICIPALITY
LONDON OXFORD PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.200	THAMES RIVER	MUNICIPALITY
LONDON GREENWAY PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	27.000	THAMES RIVER	MUNICIPALITY
LONDON ADELAIDE PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	2.000	THAMES RIVER	MUNICIPALITY
LONDON VAUXHALL PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	3.500	THAMES RIVER	MUNICIPALITY
LUCAN LUCAN LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL	1.083	LITTLE AUSABLE RIVER	MUNICIPALITY

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
MARKDALE MARKDALE LAGOON VILLAGE	CONVENTIONAL LAGOON CONTINUOUS	.140	ROCKY SAUGEEN RIVER	MINISTRY
MEAFORD MEAFORD WPCP TOWN	HIGH RATE	.860	GEORGIAN BAY	MINISTRY
MILVERTON MILVERTON LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.080	BOYLE DRAIN	MINISTRY
MITCHELL MITCHELL LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.670	THAMES RIVER	MINISTRY
MOORE COURTRIGHT PLANT TOWNSHIP	EXTENDED AERATION PHOSPHORUS REMOVAL	.150	ST CLAIR RIVER	MINISTRY
MOORE BRIGDEN P.V. LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.300	BEAR CREEK	MINISTRY
MOORE TWP CORUNNA POLICE VILLAGE PLANT TOWNSHIP	EXTENDED AERATION PHOSPHORUS REMOVAL	.320	ST. CLAIR RIVER	MINISTRY
NORWICH NORWICH LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.300	HIG OTTER CREEK	MINISTRY
OIL SPRINGS OIL SPRINGS LAGOON 10 ACRES 2 CELLS VILLAGE	LAGOON WITH SPRAY PHOSPHORUS REMOVAL	.100	150 DAY SPRAY (BLACK CR)	MINISTRY
OWEN SOUND OWEN SOUND WPCP CITY	PRIMARY PHOSPHORUS REMOVAL	3.000	GEORGIAN BAY	MINISTRY
PAISLEY PAISLEY STP VILLAGE	OXIDATION DITCH	.155	SAUGEEN RIVER	MINISTRY
PETROLIA PETROLIA LAGOON TOWN	CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	.320	BEAR CREEK	MINISTRY

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
POINT EDWARD POINT EDWARD WPCP VILLAGE	PRIMARY PHOSPHORUS REMOVAL	.570	ST. CLAIR RIVER	MINISTRY
PORT ELGIN MUNICIPAL PLANT TOWN	OXIDATION DITCH	.720	SAUGEEN RIVER	MUNICIPALITY
PORT STANLEY PORT STANLEY LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.323	DITCH TO KETTLE CREEK	MINISTRY
RALEIGH S.W. REGIONAL CENTRE (MGS) TOWNSHIP	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	.500	LAKE ERIE	MINISTRY
RALEIGH & TILBURY P MERLIN PV LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.250	DRAIN TO JEANETTES CREEK	MINISTRY
RIDGETOWN RIDGETOWN LAGOON (3 CELLS 39.5 ACRES) TOWN	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.370	GAWNE DR TO MCGREGOR CK	MINISTRY
RODNEY MUNICIPAL LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.120	SIXTEEN MILE CK.	MINISTRY
SARNIA MUNICIPAL PLANT CITY	PRIMARY PHOSPHORUS REMOVAL	14.500	ST. CLAIR RIVER	MUNICIPALITY
SARNIA BRIGHT'S GROVE P.V. LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.555	CREEK TO L. HURON	MINISTRY
SEAFORTH SEAFORTH LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.300	CRESSWELL CREEK	MINISTRY
SOMBRA SOMBRA PV LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.280	ST. CLAIR RIVER	MINISTRY
SOMBRA PORT LAMBTON PV LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.320	MARSHY CK. TO ST. CLAIR R.	MINISTRY

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
SOUTHAMPTON MUNICIPAL PLANT TOWN	OXIDATION DITCH	1.670	SAUGEEN R.	MINISTRY
ST EDMUNDS TOBERMORY AREA LAGOON TOWNSHIP	AERATED CELL PLUS LAGOON	1.044	LAKE HURON	MUNICIPALITY
ST MARY'S ST MARYS WPCP SEPARATED TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.800	THAMES RIVER	MINISTRY
ST THOMAS MUNICIPAL PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	4.500	KETTLE CREEK	MUNICIPALITY
STRATFORD STRATFORD WPCP CITY	CONVENTIONAL SECONDARY EFFLUENT POLISHING PHOSPHORUS REMOVAL	6.000	AVON RIVER	MINISTRY
STRATHROY MUNICIPAL PLANT TOWN	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	1.600	SYDENHAM RIVER	MUNICIPALITY
THORNBURY THORNBURY LAGOON TOWN	AERATED LAGOON	1.280	BEAVER RIVER	MINISTRY
TILBURY MUNICIPAL PLANT TOWN	CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	1.360	TILBURY CREEK	MUNICIPALITY
TILBURY WEST COMBER LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	1.120	GOVNIT DR NO.1 TO BIG CK	MINISTRY
TILLSONBURG TILLSONBURG WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.800	BIG OTTER CREEK	MINISTRY
WALKERTON MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY	1.000	SAUGEEN RIVER	MUNICIPALITY
WALLACEBURG WALLACEBURG WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.500	SYDENHAM RIVER	MINISTRY

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
WATFORD MUNICIPAL LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.300	REAR CREEK	MINISTRY
WEST LORNE WEST LORNE LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.147	ZOLLER DRAIN	MINISTRY
WESTMINSTER SOUTHLAND PARK PLANT LAMBETH TOWNSHIP	EXTENDED AERATION PHOSPHORUS REMOVAL	.058	DINGMAN CREEK	MUNICIPALITY
WESTMINSTER TWP MUNICIPAL PLANT TOWNSHIP	EXTENDED AERATION PHOSPHORUS REMOVAL	.250	DINGMAN CREEK	MINISTRY
WIARTON WIARTON LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	.150	COLPOY BAY	MINISTRY
WINDSOR WESTERLY PLANT CITY	PRIMARY PHOSPHORUS REMOVAL	24.000	DETROIT RIVER	MUNICIPALITY
WINDSOR LITTLE RIVER PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	8.000	LITTLE RIVER	MUNICIPALITY
WINGHAM WINGHAM LAGOON TOWN	CONVENTIONAL LAGOON CONTINUOUS	.300	MAITLAND RIVER	MINISTRY
WOODSTOCK MUNICIPAL PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	4.500	THAMES RIVER	MUNICIPALITY
ZURICH MUNICIPAL PLANT VILLAGE	CONVENTIONAL LAGOON SEASONAL	.130	MAIN DRAIN TO L. HURON	MINISTRY

West Central Region

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REGIONAL OFFICE

STONEY CREEK

140 Centennial Pkwy. N.
416-561-7410

DISTRICT OFFICES

Welland

637-641 Niagara St. N.
416-735-0431

Cambridge

400 Clyde Road
P.O. Box 219
519-623-2080

West Central Region

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STONEY CREEK
140 Centennial Pkwy. N.
416-561-7410

DISTRICT OFFICES
Welland
637-641 Niagara St. N.
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Cambridge
400 Clyde Road
P.O. Box 219
519-623-2080

WEST CENTRAL REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MIGD) *</u>
PRIMARY	3	12.700
CONVENTIONAL SECONDARY	26	168.815
MODIFIED SECONDARY	2	2.150
EXTENDED AERATION	5	1.103
TRICKLING FILTER	2	.336
HIGH RATE	2	2.250
AERATED LAGOON	1	.250
CONVENTIONAL LAGOON CONTINUOUS	2	.920
CONVENTIONAL LAGOON SEASONAL	7	1.657
OXIDATION DITCH	2	.450
TOTAL MINISTRY OPERATED WORKS	31	63.236
TOTAL MUNICIPALLY OPERATED WORKS	21	127.395
TOTAL TREATMENT WORKS	52	190.631

* Note: All capacities are shown in millions of imperial gallons per day. i.e. One million gallons appears as 1.000.

WEST CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
ARTHUR ARTHER LAGOON (4 CELLS 28.7 ACRES) VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	2.293	CONESTOGA R	MINISTRY
BRANTFORD BRANTFORD WPCP CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	12.500	GRAND RIVER	MINISTRY
BRANTFORD AIRPORT STP TOWNSHIP	COMMUNAL SEPTIC TANK	1.500	GRAND RIVER	MINISTRY
CAMBRIDGE GALT WPCP CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	8.500	GRAND RIVER	MINISTRY
CAMBRIDGE PRESTON WPCP CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	3.700	GRAND RIVER	MINISTRY
CAMBRIDGE HESPELER WPCP CITY	HIGH RATE PHOSPHORUS REMOVAL	2.000	SPEED RIVER	MINISTRY
DELHI DELHI PLANT TOWNSHIP	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.700	BIG CREEK	MINISTRY
DUNDAS MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY	2.000	DESJARDINS CANAL	MUNICIPALITY
DUNNVILLE MUNICIPAL PLANT TOWN	MODIFIED SECONDARY PHOSPHORUS REMOVAL	1.700	GRAND RIVER	MINISTRY
ELORA ELORA WPCP VILLAGE	EXTENDED AERATION PHOSPHORUS REMOVAL	1.080	GRAND RIVER	MINISTRY
ERAMOSA ROCKWOOD P.V. PLANT TOWNSHIP	CONVENTIONAL SECONDARY EFFLUENT POLISHING PHOSPHORUS REMOVAL	1.170	ERAMOSA RIVER	MINISTRY
FERGUS FERGUS WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.100	GRAND RIVER	MINISTRY

WEST CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
FLAMBOROUGH WATERDOWN WPCP TOWNSHIP	CONVENTIONAL SECONDARY	1.300	GRINDSTONE CREEK	MUNICIPALITY
FORT ERIE MUNICIPAL PLANT TOWN	PRIMARY	1.800	NIAGARA RIVER	MUNICIPALITY
FORT ERIE CRYSTAL BEACH PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.855	LAKE ERIE	MUNICIPALITY
GRAND VALLEY GRAND VALLEY WPCP VILLAGE	OXIDATION DITCH PHOSPHORUS REMOVAL	1.250	GRAND RIVER	MINISTRY
GRIMSBY MAIN PLANT TOWN	MODIFIED SECONDARY	1.450	FORTY MILE CREEK	MUNICIPALITY
GRIMSBY BEACH PLANT TOWN	TRICKLING FILTER	1.048	LAKE ONTARIO	MUNICIPALITY
GRIMSBY WEST END PLANT TOWN	AERATED LAGOON	1.250	LAKE ONTARIO	MUNICIPALITY
GUELPH MUNICIPAL PLANT ONE CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	2.000	SPEED RIVER	MUNICIPALITY
GUELPH MUNICIPAL PLANT THREE CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	4.000	SPEED RIVER	MUNICIPALITY
GUELPH MUNICIPAL PLANT TWO CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	4.000	SPEED RIVER	MUNICIPALITY
HALDIMAND HAGERSVILLE WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.200	SANDUSK CREEK	MINISTRY
HALDIMAND CALEDONIA PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.500	GRAND RIVER	MINISTRY

WEST CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
HALDIMAND CAYUGA WPCP TOWN	EXTENDED AERATION PHOSPHORUS REMOVAL	200	GRAND RIVER	MINISTRY
HAMILTON MUNICIPAL PLANT CITY	CONVENTIONAL SECONDARY	60,000	HAMILTON HARBOUR	MUNICIPALITY
HARRISTON HARRISTON LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	280	MAITLAND RIVER	MINISTRY
KITCHENER KITCHENER WPCP (EXP. TO 28.0 UNDER CONST) CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	13,500	GRAND RIVER	MINISTRY
LINCOLN BEAMSVILLE PLANT TOWN	TRICKLING FILTER	288	LAKE ONTARIO	MUNICIPALITY
MOUNT FOREST MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	540	SAUGEEN RIVER	MUNICIPALITY
NANTICOKE PORT DOVER WPCP CITY	PRIMARY PHOSPHORUS REMOVAL	900	LAKE ERIE	MINISTRY
NANTICOKE WATERFORD LAGOON CITY	CONVENTIONAL LAGOON CONTINUOUS AERATED CELL PHOSPHORUS REMOVAL	470	NANTICOKE CREEK	MINISTRY
NANTICOKE JARVIS PLANT CITY	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	120	SANDUSK CREEK	MINISTRY
NIAGARA FALLS STAMFORD PLANT CITY	PRIMARY	10,000	CHIPPAWA POWER CANAL	MUNICIPALITY
NIAGARA ON THE LAKE MUNICIPAL PLANT TOWN	CONVENTIONAL LAGOON CONTINUOUS	450	LAKE ONTARIO	MUNICIPALITY
NORFOLK PORT ROWAN LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	210	DEDRICH CREEK	MINISTRY

WEST CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
ORANGEVILLE ORANGEVILLE WPCP TOWN	CONVENTIONAL SECONDARY EFFLUENT POLISHING PHOSPHORUS REMOVAL	1,500	CREDIT RIVER	MINISTRY
PALMERSTON PALMERSTON WPCP TOWN	HIGH RATE	1,250	WALLACE DRAIN	MINISTRY
PARIS PARIS WPCP TOWN	EXTENDED AERATION PHOSPHORUS REMOVAL	1,500	GRAND RIVER	MINISTRY
PORT COLBORNE WEST PLANT CITY	CONVENTIONAL SECONDARY	1,350	WELLAND CANAL	MUNICIPALITY
PORT COLBORNE EAST PLANT CITY	CONVENTIONAL SECONDARY	1,850	WELLAND CANAL	MUNICIPALITY
SHELBURNE SHELBURNE LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL	1,130	BOYNE RIVER	MINISTRY
SIMCOE SIMCOE WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	2,000	LYNN RIVER	MINISTRY
ST CATHARINES PORT WELLER PLANT CITY	CONVENTIONAL SECONDARY	12,370	PORT WELLER HARBOUR	MUNICIPALITY
ST CATHARINES PORT DALHOUSIE PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	13,500	LAKE ONTARIO	MUNICIPALITY
WATERLOO WATERLOO WPCP CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	10,000	GRAND RIVER	MINISTRY
WELLAND MUNICIPAL PLANT CITY	CONVENTIONAL SECONDARY	12,000	WELLAND RIVER	MUNICIPALITY
WELLESLEY WELLESLEY PLANT TOWNSHIP	EXTENDED AERATION PHOSPHORUS REMOVAL	1,120	NITH RIVER	MINISTRY

WEST CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
WEST LINCOLN SMITHVILLE PLANT TOWNSHIP	CONVENTIONAL LAGOON SEASONAL	344	TWENTY MILE CREEK	MUNICIPALITY
WILMOT BADEN PLANT TOWNSHIP	EXTENDED AERATION PHOSPHORUS REMOVAL	203	BADEN CREEK	MINISTRY
WILMOT NEW HAMBURG LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	280	NITH RIVER	MINISTRY
WOOLWICH ELMIRA WPCP TOWNSHIP	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	680	CANAGAGIGUE CREEK	MINISTRY
WOOLWICH ST JACOBS POLICE VILLAGE PLANT TOWNSHIP	OXIDATION DITCH PHOSPHORUS REMOVAL	200	CONESTOGO RIVER	MINISTRY

Central Region

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REGIONAL OFFICE

DON MILLS
150 Ferrand Dr.
416-424-3000

DISTRICT OFFICES

Barrie
12 Fairview Rd.
705-726-1730

Muskoka - Haliburton
Gravenhurst Shopping
Centre
705-687-3408

Peterborough
139 George St. N.
705-743-2972

Halton - Peel
125 Cross Ave. Oakville
416-844-5747



Central Region

③



Ministry
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Environment

Ontario

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DON MILLS

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CENTRAL REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MIGD)*</u>
PRIMARY	2	5.450
CONVENTIONAL SECONDARY	33	413.435
MODIFIED SECONDARY	1	4.000
CONTACT STABILIZATION	3	2.290
EXTENDED AERATION	8	24.100
TRICKLING FILTER	3	8.475
HIGH RATE	2	2.860
CONVENTIONAL LAGOON CONTINUOUS	3	445
CONVENTIONAL LAGOON SEASONAL	13	4.046
AERATED CELL PLUS LAGOON	1	450
OXIDATION DITCH	3	613
TOTAL MINISTRY OPERATED WORKS	23	84.819
TOTAL MUNICIPALLY OPERATED WORKS	49	381.345
TOTAL TREATMENT WORKS	<u>72</u>	<u>466.164</u>

* Note: All capacities are shown in millions of imperial gallons per day. i.e. One million gallons appears as 1.000.

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
AJAX MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY	3.100	DUFFIN CREEK	MUNICIPALITY
AJAX PICKERING WPCP TOWN	CONVENTIONAL SECONDARY	1.400	DUFFIN CREEK	MUNICIPALITY
ALLISTON ALLISTON WPCP TOWN	EXTENDED AERATION	1.770	BOYNE RIVER	MINISTRY
AURORA MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY EFFLUENT POLISHING PHOSPHORUS REMOVAL	3.000	AURORA CREEK	MUNICIPALITY
BARRIE MUNICIPAL PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	6.000	KEMPENFELT BAY	MUNICIPALITY
BEETON BEETON EXFILTRATION LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL	1.300	BEETON CREEK	MINISTRY
BICROFT CARDIFF PLANT IMPROVEMENT DISTRICT	CONVENTIONAL LAGOON SEASONAL	1.100	MINK CREEK	MUNICIPALITY
BRACEBRIDGE BRACEBRIDGE LAGOON (2 CELLS 16 ACRES EA) TOWN	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	1.320	MUSKOKA RIVER	MUNICIPALITY
BRADFORD BRADFORD WPCP TOWN	HIGH RATE CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	1.860	SCHOMBERG RIVER	MINISTRY
BRIGHTON BRIGHTON LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL	1.136	BUTLER CREEK	MINISTRY
BROCK CANNINGTON LAGOON (28 ACRES) TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	1.235	BEAVERTON RIVER	MUNICIPALITY
BROCK BEAVERTON LAGOON (4 CELLS 7 ACRES EACH) TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	1.235	LAKE SIMCOE	MUNICIPALITY

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
BURLINGTON BURLINGTON ELIZABETH GARDENS WPCP CITY	CONVENTIONAL SECONDARY	1.750	LAKE ONTARIO	MINISTRY
BURLINGTON BURLINGTON DRURY LANE WPCP CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	2.500	LAKE ONTARIO	MINISTRY
BURLINGTON BURLINGTON SKYWAY WPCP CITY	EXTENDED AERATION PHOSPHORUS REMOVAL	12.000	HAMILTON BAY	MINISTRY
CALEDON BOLTON PLANT TOWN	CONVENTIONAL SECONDARY EFFLUENT POLISHING PHOSPHORUS REMOVAL	1.000	HUMBER RIVER	MUNICIPALITY
CAMPBELLFORD CAMPBELLFORD WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.000	TRENT RIVER	MINISTRY
COROURG MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY	3.530	COBBOURG BROOK	MUNICIPALITY
COLBORNE MUNICIPAL PLANT VILLAGE	CONVENTIONAL LAGOON CONTINUOUS	1.080	COLBORNE CREEK	MUNICIPALITY
COLDWATER MUNICIPAL PLANT VILLAGE	EXTENDED AERATION	1.120	COLDWATER RIVER	MINISTRY
COLLINGWOOD MUNICIPAL PLANT TOWN	PRIMARY PHOSPHORUS REMOVAL	4.200	GEORGIAN BAY	MUNICIPALITY
DYSART-ET-AL HALIBURTON PLANT TOWNSHIP	EXTENDED AERATION PHOSPHORUS REMOVAL EFFLUENT POLISHING	1.210	DRAG RIVER (GRASS LAKE)	MINISTRY
E. GWILLIMBURY HOLLAND LANDING LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	1.300	HOLLAND RIVER	MUNICIPALITY
ELMVALE ELMVALE LAGOON (2 CELLS 4.4 ACRES TOT) VILLAGE	CONVENTIONAL LAGOON CONTINUOUS	1.165	WYE RIVER	MUNICIPALITY

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
FENELON FALLS MUNICIPAL PLANT VILLAGE	OXIDATION DITCH PHOSPHORUS REMOVAL	1,220	STURGEON LAKE	MINISTRY
GEORGINA SUTTON LAGOON (16 ACRES) TOWNSHIP	AERATED CELL PLUS CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	1,450	BLACK RIVER	MUNICIPALITY
GRAVENHURST MUNICIPAL PLANT TOWN	EXTENDED AERATION PHOSPHORUS REMOVAL	1,670	MUSKOKA LAKE	MUNICIPALITY
HALTON HILLS ACTON PLANT TOWN	CONVENTIONAL SECONDARY EFFLUENT POLISHING PHOSPHORUS REMOVAL	1,625	BLACK CREEK	MUNICIPALITY
HALTON HILLS GEORGETOWN WPCP TOWN	CONVENTIONAL SECONDARY EFFLUENT POLISHING PHOSPHORUS REMOVAL	3,000	SILVER CREEK	MINISTRY
HASTINGS HASTINGS STP VILLAGE	OXIDATION DITCH PHOSPHORUS REMOVAL	1,233	TRENT RIVER	MINISTRY
HAVELOCK MUNICIPAL LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	1,160	PLATO CREEK	MINISTRY
HUNTSVILLE HUNTSVILLE WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1,250	MUSKOKA RIVER	MINISTRY
LAKEFIELD LAKEFIELD LAGOON (24 ACRES) VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	1,240	OTONAREF RIVER	MINISTRY
LINDSAY LINDSAY LAGOON (6 CELLS 19 ACRES EACH) TOWN	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	1,110	SCUGOG RIVER	MUNICIPALITY
MARKHAM UNTONVILLE PLANT TOWN	CONVENTIONAL SECONDARY CONVENTIONAL LAGOON CONTINUOUS EFFLUENT POLISHING - P REMOVAL	1,400	ROUGE RIVER	MUNICIPALITY
MARKHAM THORN HILL PLANT (JOHN STREET PLANT) TOWN	CONVENTIONAL SECONDARY EFFLUENT POLISHING PHOSPHORUS REMOVAL	1,750	EAST DON RIVER	MUNICIPALITY

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
MARKHAM MARKHAM WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.800	ROUGE RIVER	MUNICIPALITY
METRO TORONTO NORTH TORONTO PLANT (EAST YORK) CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	10.000	DON RIVER	MUNICIPALITY
METRO TORONTO HIGHLAND CREEK PLANT (SCARBOROUGH) CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	32.000	HIGHLAND CREEK	MUNICIPALITY
METRO TORONTO HUMBER PLANT (ETOBICOKE) CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	62.500	LAKE ONTARIO	MUNICIPALITY
METRO TORONTO MAIN PLANT TORONTO CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	180.000	LAKE ONTARIO	MUNICIPALITY
MIDLAND MIDLAND WPCP TOWN	PRIMARY PHOSPHORUS REMOVAL	1.250	MIDLAND BAY	MINISTRY
MILTON MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.600	OAKVILLE CREEK	MUNICIPALITY
MISSISSAUGA LAKEVIEW WPCP CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	50.000	LAKE ONTARIO	MINISTRY
MISSISSAUGA CLARKSON WPCP CITY	EXTENDED AERATION PHOSPHORUS REMOVAL	10.000	LAKE ONTARIO	MINISTRY
MUSKOKA LAKES BALA PLANT TOWNSHIP	COMMUNAL SEPTIC TANK PHOSPHORUS REMOVAL	0.030	LONG LAKE	MUNICIPALITY
NEWCASTLE ROWMANVILLE PLANT TWO TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.000	SOPER CREEK	MUNICIPALITY
NEWCASTLE MUNICIPAL PLANT TOWN	EXTENDED AERATION	0.280	LAKE ONTARIO	MUNICIPALITY

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
NEWCASTLE BOWMANVILLE PLANT ONE TOWN	TRICKLING FILTER PHOSPHORUS REMOVAL	1.500	SOPFR CREEK	MUNICIPALITY
NEWMARKET NEWMARKET WPCP TOWN	CONVENTIONAL SECONDARY EFFLUENT POLISHING PHOSPHORUS REMOVAL	3.000	HOLLAND RIVER	MUNICIPALITY
NORWOOD NORWOOD OXIDATION DITCH VILLAGE	OXIDATION DITCH PHOSPHORUS REMOVAL	1.160	OUSE RIVER	MINISTRY
OAKVILLE SOUTH EAST PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	2.000	LAKE ONTARIO	MUNICIPALITY
OAKVILLE SOUTH WEST PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	10.500	LAKE ONTARIO	MUNICIPALITY
OMEMEE MUNICIPAL LAGOON VILLAGE	CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	1.200	PIGEON RIVER	MINISTRY
ORILLIA MUNICIPAL PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	4.000	LAKE SIMCOE	MUNICIPALITY
OSHAWA HARMONY CR NO 2 CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	7.500	LAKE ONTARIO	MUNICIPALITY
OSHAWA HARMONY CR NO 1 CITY	TRICKLING FILTER PHOSPHORUS REMOVAL	7.500	LAKE ONTARIO	MUNICIPALITY
PENETANGUISHENE MUNICIPAL PLANT TOWN	CONTACT STABILIZATION PHOSPHORUS REMOVAL	1.660	PENETANG RAY	MUNICIPALITY
PETERBOROUGH MUNICIPAL PLANT CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	12.000	OTONAREF RIVER	MUNICIPALITY
PICKERING MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	3.500	LAKE ONTARIO	MUNICIPALITY

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
PORT HOPE MUNICIPAL PLANT TOWN	HIGH RATE	2.000	LAKE ONTARIO	MUNICIPALITY
PORT MONTICOLL MUNICIPAL PLANT VILLAGE	CONTACT STABILIZATION	.230	GEORGIAN BAY	MINISTRY
RICHMOND HILL RICHMOND HILL WPCP (PUGSLEY WPCP) TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.600	GERMAN MILLS CREEK	MUNICIPALITY
RICHMOND HILL NORTH DON PLANT TOWN	CONTACT STABILIZATION EFFLUENT POLISHING PHOSPHORUS REMOVAL	1.400	LITTLE DON RIVER	MUNICIPALITY
SCUGOG PORT PERRY LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.400	LAKE SCUGOG	MUNICIPALITY
STAYNER STAYNER LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL AERATED CELL	.230	LAMONT CREEK	MINISTRY
TOTTENHAM MUNICIPAL PLANT VILLAGE	CONVENTIONAL LAGOON SEASONAL	.280	BEETON CREEK	MUNICIPALITY
UXBRIDGE UXBRIDGE PLANT TOWNSHIP	TRICKLING FILTER PHOSPHORUS REMOVAL	.475	UXBRIDGE BROOK	MUNICIPALITY
VAUGHAN WEST DON PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	.330	DON RIVER	MUNICIPALITY
VAUGHAN KLEINBERG PLANT TOWN	EXTENDED AERATION	.050	HUMBER RIVER	MUNICIPALITY
WHITBY PRINGLE PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	3.250	PRINGLE CREEK	MUNICIPALITY
WHITBY CORBETT CREEK PLANT TOWN	MODIFIED SECONDARY PHOSPHORUS REMOVAL	4.000	LAKE ONTARIO	MUNICIPALITY

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
WHITCHURCH - STOUFFVILLE STOUFFVILLE PLANT TOWN	CONVENTIONAL SECONDARY EFFLUENT POLISHING PHOSPHORUS REMOVAL	1,550	DUFFIN CREEK	MUNICIPALITY

Southeastern Region

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REGIONAL OFFICE

KINGSTON

133 Dalton St.

613-549-4000

DISTRICT OFFICES

Belleville

15 Victoria Ave.

613-962-9208

Cornwall

4 Montreal Rd.

613-933-7402

Ottawa

2378 Holly Lane

613-521-3450

Pembroke

1000 MacKay St.

P.O. Box 67

613-732-3643

Southeastern Region

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Ontario



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613-549-4000

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Pembroke

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P.O. Box 67
613-732-3643

SOUTHEASTERN REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MGD) *</u>
PRIMARY	17	118.930
CONVENTIONAL SECONDARY	8	24.368
CONTACT STABILIZATION	2	1.540
EXTENDED AERATION	10	1.972
HIGH RATE	1	1.200
CONVENTIONAL LAGOON CONTINUOUS	2	1.254
CONVENTIONAL LAGOON SEASONAL	15	4.992
LAGOON WITH SPRAY	1	.90
TOTAL MINISTRY OPERATED WORKS	34	32.247
TOTAL MUNICIPALLY OPERATED WORKS	22	122.099
TOTAL TREATMENT WORKS	<u>56</u>	<u>154.346</u>

* Note: All capacities are shown in millions of imperial gallons per day. ie; One million gallons appears as 1.000

SOUTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
ALEXANDRIA ALEXANDRIA LAGOON TOWN	CONVENTIONAL LAGOON CONTINUOUS	1.424	DELISLE R	MINISTRY
ALFRED ALFRED LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL	1.422	RUISSEAU DES ATOCAS	MINISTRY
ALMONTE ALMONTE LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL AERATED CELL	1.500	MISSISSIPPI RIVER	MINISTRY
ARNPRIOR MUNICIPAL PLANT TOWN	PRIMARY	1.500	MADAWASKA RIVER	MUNICIPALITY
BANCROFT BANCROFT VILLAGE	EXTENDED AERATION	1.400	YORK RIVER	MINISTRY
BARRY'S BAY BARRY'S BAY STP VILLAGE	EXTENDED AERATION PHOSPHORUS REMOVAL	1.270	KAMANISKEG LAKE	MINISTRY
BATH MUNICIPAL PLANT VILLAGE	CONVENTIONAL SECONDARY	1.423	LAKE ONTARIO	MUNICIPALITY
BELLEVTLE BELLEVILLE WPCP CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	8.000	RAY OF QUINTE	MINISTRY
BROCKVILLE MUNICIPAL PLANT CITY	PRIMARY	3.750	ST LAWRENCE RIVER	MUNICIPALITY
CARLETON PLACE CARLETON PLACE WPCP TOWN	HIGH RATE	1.200	MISSISSIPPI RIVER	MINISTRY
CHALK RIVER MUNICIPAL PLANT VILLAGE	EXTENDED AERATION	1.120	DUCK CR TO DUCK LAKE	MINISTRY
CHESTERVILLE CHESTERVILLE LAGOON VILLAGE	CONVENTIONAL LAGOON SEASONAL	1.140	SOUTH NATION RIVER	MINISTRY

SOUTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
CORDEN MUNICIPAL PLANT VILLAGE	PRIMARY	1,200	MUSKRAT RIVER	MUNICIPALITY
CORNWALL CORNWALL WPCP CITY	PRIMARY	8,250	ST. LAWRENCE R.	MINISTRY
CORNWALL LONG SAULT PLANT TOWNSHIP	CONVENTIONAL SECONDARY	1,300	ST. LAWRENCE R.	MUNICIPALITY
CUMBERLAND BILBERRY CREEK PLANT TOWNSHIP	PRIMARY	1,800	OTTAWA RIVER	MUNICIPALITY
DEEP RIVER MUNICIPAL PLANT TOWN	PRIMARY	1,480	OTTAWA RIVER	MUNICIPALITY
DELORE MUNICIPAL PLANT VILLAGE	COMMUNAL SEPTIC TANK	1,008	MOIRA RIVER	MUNICIPALITY
DESERONTO DESERONTO WPCP TOWN	EXTENDED AERATION	1,300	BAY OF QUINTE	MINISTRY
EGANVILLE EGANVILLE WPCP VILLAGE	EXTENDED AERATION	1,170	BONNECHERE RIVER	MINISTRY
ERNESTOWN ODESSA PLANT TOWNSHIP	EXTENDED AERATION PHOSPHORUS REMOVAL	1,200	MILLHAVEN CREEK	MINISTRY
ERNESTOWN AMHERSTVIEW LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL	1,440	LAKE ONTARIO	MINISTRY
FRANKFORD FRANKFORD WPCP VILLAGE	CONTACT STABILIZATION PHOSPHORUS REMOVAL	1,540	TRENT RIVER	MINISTRY
GANANOQUE GANANOQUE LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	1,700	STOCKING CR GANANOQUE R.	MINISTRY

SOUTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
GOULBOURN RICHMOND LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.100	JOCK RIVER	MINISTRY
IROQUOIS MUNICIPAL PLANT VILLAGE	PRIMARY	.500	ST. LAWRENCE RIVER	MUNICIPALITY
KEMPTVILLE MUNICIPAL PLANT TOWN	PRIMARY PHOSPHORUS REMOVAL	.500	KEMPTVILLE CREEK	MUNICIPALITY
KINGSTON MUNICIPAL PLANT CITY	PRIMARY	13.500	ST LAWRENCE RIVER	MUNICIPALITY
KINGSTON TWP KINGSTON TWP WPCP TOWNSHIP	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	2.420	LAKE ONTARIO	MINISTRY
L'ORIGNAL MUNICIPAL PLANT VILLAGE	EXTENDED AERATION	.190	OTTAWA RIVER	MINISTRY
LANCASTER LANCASTER LAGOON 14.7 ACRES 2 CELLS VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.090	FINNEY CREEK	MINISTRY
LEEDS & LANSDOWNE LANSDOWNE LAGOON (2 CELLS 12.1 ACRES) TOWNSHIP	LAGOON WITH SPRAY	.090	LARUE MILLS CREEK	MINISTRY
MADOC MADOC LAGOON (2 CELLS 15 ACRES EACH) VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.300	MOIRA RIVER	MINISTRY
MARMORA MARMORA STP VILLAGE	EXTENDED AERATION PHOSPHORUS REMOVAL	.191	CROWE RIVER	MINISTRY
MERRICKVILLE MUNICIPAL PLANT TOWN	EXTENDED AERATION PHOSPHORUS REMOVAL	.110	RIDEAU RIVER	MINISTRY
MORRISBURG MUNICIPAL PLANT VILLAGE	PRIMARY CONVENTIONAL LAGOON CONTINUOUS	.500	ST. LAWRENCE RIVER	MUNICIPALITY

SOUTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
NAPANEE MUNICIPAL PLANT TOWN	PRIMARY	.750	NAPANEE RIVER	MUNICIPALITY
NEPEAN WATTS CREEK PLANT TOWNSHIP	CONVENTIONAL SECONDARY	8.000	WATTS CREEK	MUNICIPALITY
OSNABRUCK INGLESTOE PLANT TOWNSHIP	PRIMARY	.300	ST. LAWRENCE RIVER	MUNICIPALITY
OTTAWA GREEN CREEK PLANT CITY	PRIMARY	80.000	OTTAWA RIVER	MUNICIPALITY
PEMBROKE MUNICIPAL PLANT CITY	PRIMARY	2.500	OTTAWA RIVER	MUNICIPALITY
PERTH MUNICIPAL PLANT TOWN	CONVENTIONAL LAGOON CONTINUOUS PHOSPHORUS REMOVAL	.830	TAY RIVER	MUNICIPALITY
PETAWAWA MUNICIPAL PLANT (DEPT NAT DEF) VILLAGE	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1.600	OTTAWA RIVER	MUNICIPALITY
PICTON MUNICIPAL PLANT TOWN	CONTACT STABILIZATION	1.000	PICTON RAY	MUNICIPALITY
PITTSBURGH CANA SUBDIVISION PLANT TOWNSHIP	EXTENDED AERATION	.021	CATARAUGUI RIVER	MINISTRY
PLANTAGENET MUNICIPAL PLANT (1 CELL 17 ACRES) VILLAGE	CONVENTIONAL LAGOON SEASONAL	.130	SOUTH NATION RIVER	MINISTRY
PRESCOTT PRESCOTT WPCP TOWN	PRIMARY PHOSPHORUS REMOVAL	1.000	ST. LAWRENCE RIVER	MINISTRY
RENFREW MUNICIPAL PLANT TOWN	PRIMARY	1.900	BONNECHERE RIVER	MUNICIPALITY

SOUTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
ROCKLAND ROCKLAND LAGOON (1 CELL 20 ACRES) TOWN	CONVENTIONAL LAGOON SEASONAL	.200	OTTAWA RIVER	MINISTRY
SIDNEY TWP RATAWA WPCP TOWNSHIP	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	.125	TRENT RIVER	MINISTRY
SMITHS FALLS MUNICIPAL PLANT SEPARATED TOWN	PRIMARY PHOSPHORUS REMOVAL	2.500	RIDEAU RIVER	MUNICIPALITY
STIRLING STIRLING LAGOON (2 CELLS 11.9 ACRES) VILLAGE	CONVENTIONAL LAGOON SEASONAL	.250	RAWDON CREEK	MINISTRY
TRENTON TRENTON WPCP TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	3.500	BAY OF QUINTE	MINISTRY
TWEED TWEED LAGOON (2 CELLS 10.5 ACRES EA.) VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.266	MOIRA RIVER	MUNICIPALITY
VANKLEEK HILL MUNICIPAL LAGOON (3 CELLS 10 ACRES EACH) TOWN	CONVENTIONAL LAGOON SEASONAL	.200	LITTLE RIDEAU CREEK	MINISTRY
WESTPORT MUNICIPAL LAGOON (1 CELL 8 ACRES) VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	.054	UPPER RIDEAU LAKE	MINISTRY
WINCHESTER WINCHESTER LAGOON (2 CELLS 14.5 ACRES) VILLAGE	CONVENTIONAL LAGOON SEASONAL	.200	CASTOR RIVER	MINISTRY

Northeastern Region

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REGIONAL OFFICE

SUDBURY

469 Bouchard St.
705-522-8282

DISTRICT OFFICES

North Bay

1500 Fisher St.
705-476-1001

Sault Ste. Marie

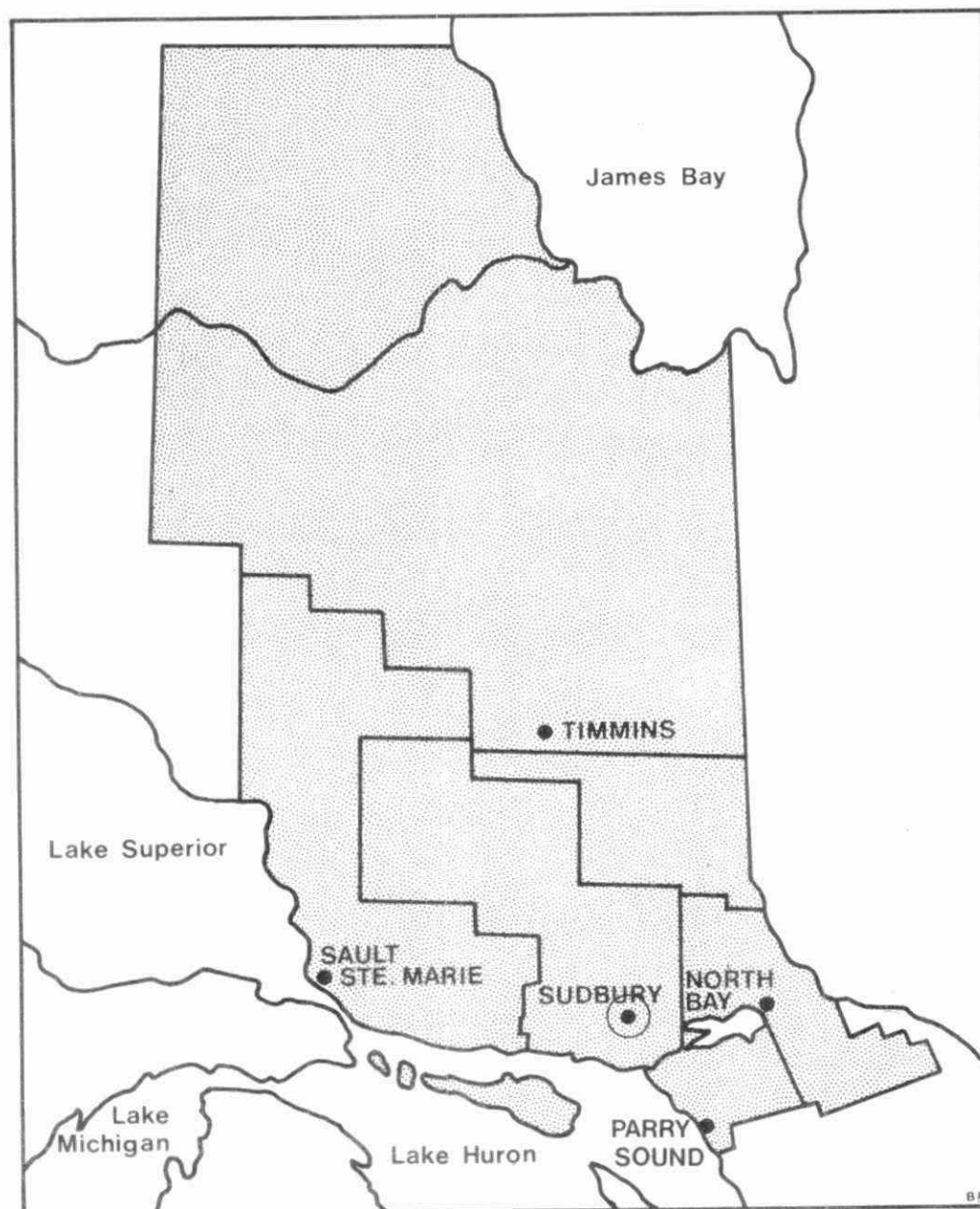
445 Albert St. E.
705-949-4640

Timmins

83 Algonquin Blvd. W.
705-264-9474

Parry Sound

74 Church St.
705-746-2139



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NORTHEASTERN REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MGD)</u> *
PRIMARY	7	18.020
CONVENTIONAL SECONDARY	7	13.951
CONTACT STABILIZATION	5	4.722
EXTENDED AERATION	11	18.905
TRICKLING FILTER	1	.100
CONVENTIONAL LAGOON CONTINUOUS	5	.314
CONVENTIONAL LAGOON SEASONAL	21	4.082
LAGOON WITH SPRAY	1	.100
TOTAL MINISTRY OPERATED WORKS	40	52.971
TOTAL MUNICIPALLY OPERATED WORKS	18	7.223
TOTAL TREATMENT WORKS	<u>58</u>	<u>60.194</u>

* Note: All capacities are shown in millions of imperial gallons per day. i.e. One million gallons appears as 1.000.

NORTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE		CAPACITY	WATERCOURSE	OPERATED BY
ARMSTRONG EARLTON PLANT TOWNSHIP	CONVENTIONAL LAGOON	SEASONAL	.080	EVANTIRFL CREEK	MUNICIPALITY
ASSIGINACK MANITOWANING LAGOON TOWNSHIP	CONVENTIONAL LAGOON PHOSPHORUS REMOVAL	SEASONAL	.120	LAKE HURON	MINISTRY
BLACK RIVER - MATHESON VAL GAGNE LAGOON TOWNSHIP	CONVENTIONAL LAGOON	SEASONAL	.050	CREEK TO BLACK RIVER	MUNICIPALITY
BLACK RIVER - MATHESON HOLTYRE PLANT TOWNSHIP	COMMUNAL SEPTIC TANK		.055	BLACK RIVER	MUNICIPALITY
BLACK RIVER MATHESON MATHESON WPCP TOWNSHIP	EXTENDED AERATION		.150	BLACK RIVER	MINISTRY
BLACK RIVER-MATHESON RAMORE HAMLET LAGOON TOWNSHIP	CONVENTIONAL LAGOON	CONTINUOUS	.027	BLACK RIVER	MINISTRY
BRUCE MINES MUNICIPAL LAGOON TOWN	CONVENTIONAL LAGOON	SEASONAL	.070	L. HURON (ST. JOSEPH CHNL.)	MINISTRY
BUCKE NORTH CORAL LAGOON TOWNSHIP	CONVENTIONAL LAGOON	SEASONAL	.100	FARR CREEK	MINISTRY
BURKS FALLS MUNICIPAL PLANT VILLAGE	CONVENTIONAL LAGOON PHOSPHORUS REMOVAL	SEASONAL	.190	MAGNETAWAN RIVER	MINISTRY
CALDWELL VERNER LAGOON TOWNSHIP	CONVENTIONAL LAGOON PHOSPHORUS REMOVAL	SEASONAL	.140	VEUVE RIVER	MINISTRY
CAPREOL MUNICIPAL PLANT TOWN	CONVENTIONAL LAGOON	SEASONAL	.340	VERMILION RIVER	MUNICIPALITY
CHAPLEAU MUNICIPAL PLANT TOWNSHIP	PRIMARY		.400	NEBSKWASHI RIVER	MUNICIPALITY

NORTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
COCHRANE MUNICIPAL PLANT TOWN	EXTENDED AERATION EFFLUENT POLISHING	1,600	LILIA REILE LAKE	MUNICIPALITY
ELLIOT LAKE PLANT TWO TOWN	PRIMARY	1,000	ANGEL LAKE	MUNICIPALITY
ELLIOT LAKE PLANT ONE TOWN	CONVENTIONAL SECONDARY	1,487	ANGEL LAKE	MUNICIPALITY
ENGLEHART ENGLEHART LAGOON TOWN	CONVENTIONAL LAGOON CONTINUOUS	1,200	ENGLEHART RIVER	MINISTRY
ESPANOLA ESPANOLA WPCP TOWN	PRIMARY	1,660	SPANISH RIVER	MINISTRY
FAUQUIER TWP FAUQUIER TWP LAGOON TOWNSHIP	CONVENTIONAL LAGOON CONTINUOUS	1,060	GROUNDHOG RIVER	MINISTRY
HAILEYBURY HAILEYBURY WPCP TOWN	CONTACT STABILIZATION	1,350	LAKE TIMISKAMING	MINISTRY
HEARST HEARST LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	1,620	DITCH TO MATTAWISHKWINA R	MINISTRY
INDIQUITS FALLS INDIQUITS FALLS WPCP TOWN	CONTACT STABILIZATION	1,900	ARITIRI RIVER	MINISTRY
JACK & NOBLE GOGAMA LAGOON (ONT GOV'T SERVICES) TOWNSHIP	CONVENTIONAL LAGOON SEASONAL	1,012	MINISTINABWA LAKE	MINISTRY
KAPUSKASING MUNICIPAL PLANT TOWN	COMMUNAL SEPTIC TANK CONVENTIONAL LAGOON CONTINUOUS	1,400	GLOUGH CREEK	MUNICIPALITY
KIRKLAND LAKE MUNICIPAL PLANT TOWN	CONTACT STABILIZATION	3,000	MURDOCK CREEK	MINISTRY

NORTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
KIRKLAND LAKE CHAPUT HUGHES TOWN	COMMUNAL SEPTIC TANK	1.050	AMIKOUGAMI CREEK	MUNICIPALITY
KIRKLAND LAKE SWASTIKA TOWN	COMMUNAL SEPTIC TANK	1.065	BLANCHE RIVER	MUNICIPALITY
LARDER LAKE LARDER LAKE TOWNSITE PLANT TOWNSHIP	PRIMARY	1.130	LARDER LAKE	MUNICIPALITY
LATCHFORD MUNICIPAL PLANT TOWN	EXTENDED AERATION	1.075	MONTREAL RIVER	MINISTRY
LITTLE CURRENT LITTLE CURRENT LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	1.100	DITCH TO GEORGIAN BAY	MINISTRY
MATTAWA MATTAWA LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	1.180	MATTAWA RIVER	MINISTRY
MCDUGALL NOBEL PLANT TOWNSHIP	COMMUNAL SEPTIC TANK	1.040	GUNCOTTON CREEK	MUNICIPALITY
MCGARRY VIRGINIATOWN AND KEARNS PLANT TOWNSHIP	COMMUNAL SEPTIC TANK	1.160	TAILINGS PD TO LARDER L.	MUNICIPALITY
MICHTICOTEN WAWA LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL	1.400	MAGPIE RIVER	MINISTRY
MOOSONEE MOOSONEE WPCP DEVELOPMENT AREA	CONTACT STABILIZATION	1.112	STORE CK TO MOOSE RIVER	MINISTRY
MOOSONEE MOOSE FACTORY PLANT (CFB) DEVELOPMENT AREA	EXTENDED AERATION	1.055	BUTLER CK TO MOOSE RIVER	MINISTRY
MOOSONEE MOOSE FACTORY PLANT (HOSPITAL) DEVELOPMENT AREA	EXTENDED AERATION	1.055	MOOSE RIVER	MUNICIPALITY

NORTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
NEW LISKEARD NEW LISKEARD LAGOON (63.7 ACRES) TOWN	CONVENTIONAL LAGOON SEASONAL	1.637	WABI RIVER	MINISTRY
NICKEL CENTRE CONISTON WPCP TOWN	CONVENTIONAL SECONDARY	1.320	CONISTON CREEK	MINISTRY
NICKEL CENTRE FALCONBRIDGE TOWNSITE PLANT TOWN	TRICKLING FILTER	1.100	BOUCHER LAKE	MUNICIPALITY
NORTH BAY NORTH BAY WPCP CITY	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	8.000	LAKE NIPISSING	MINISTRY
NORTH HILSWORTH CALLANDER LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	1.200	DITCH TO CALLANDER BAY	MINISTRY
ONAPING FALLS ONAPING PLANT TOWN	CONVENTIONAL SECONDARY	1.144	SWAMP	MUNICIPALITY
ONAPING FALLS LEVACK PLANT TOWN	EXTENDED AERATION	1.320	ONAPING RIVER	MUNICIPALITY
PARRY SOUND PARRY SOUND WPCP TOWN	PRIMARY PHOSPHORUS REMOVAL	1.830	MC CURRY LAKE	MINISTRY
PINARD FRASERDALE (ONT. HYDRO) TOWNSHIP	CONVENTIONAL LAGOON CONTINUOUS	1.010	ARITIRI RIVER	MINISTRY
POWASSAN POWASSAN LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	1.070	GENESEE CREEK	MINISTRY
RATTER & DUNNETT WARREN PV LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	1.133	VEUVE RIVER	MINISTRY
RAYSTON-BALEFOUR CHELMSFORD -PLANT TWO TOWN	EXTENDED AERATION	1.250	WHITSON CREEK	MUNICIPALITY

NORTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
RAYSIDE-BALFOUR CHELMSFORD - PLANT ONE TOWN	CONVENTIONAL LAGOON SEASONAL	1,300	MCKENZIE CREEK	MUNICIPALITY
SAULT STE MARIE SAULT STE MARIE WPCP CITY	PRIMARY	12,000	ST. MARY'S RIVER	MINISTRY
SHACKLETON AND MACHIN FAUQUIER LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL	1,080	ROLLY CK TO GROUNDHOG R.	MINISTRY
SMOOTH ROCK FALLS SMOOTH ROCK FALLS WPCP TOWN	CONTACT STABILIZATION	1,360	MATTAGAMI RIVER	MINISTRY
STURGEON FALLS MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY PHOSPHORUS REMOVAL	1,000	STURGEON RIVER	MINISTRY
SUDBURY COPPER CLIFF PLANT CITY	CONVENTIONAL SECONDARY	1,500	JUNCTION CREEK	MUNICIPALITY
SUDBURY SUDBURY WPCP CITY	EXTENDED AERATION	15,000	JUNCTION CREEK	MINISTRY
SUNDRIDGE SUNDRIDGE LAGOON 16 ACRES 2 CELLS VILLAGE	CONVENTIONAL LAGOON SEASONAL PHOSPHORUS REMOVAL	1,160	BERNARD CREEK	MINISTRY
TEMAGAMI TEMAGAMI NORTH - GOWARD (3 ACRES) TOWNSHIP	LAGOON WITH SPRAY	1,100	NET LAKE	MUNICIPALITY
TIMMINS TIMMINS WPCP CITY	PRIMARY	3,000	MATTAGAMI RIVER	MINISTRY
TIMMINS WHITNEY-TISDALE PLANT CITY	EXTENDED AERATION	1,750	PORCUPINE RIVER	MINISTRY
TIMMINS ROB'S LAKE PLANT CITY	CONVENTIONAL LAGOON CONTINUOUS	1,017	ROB'S CK TO ROB'S LAKE	MUNICIPALITY

NORTHEASTERN REGION

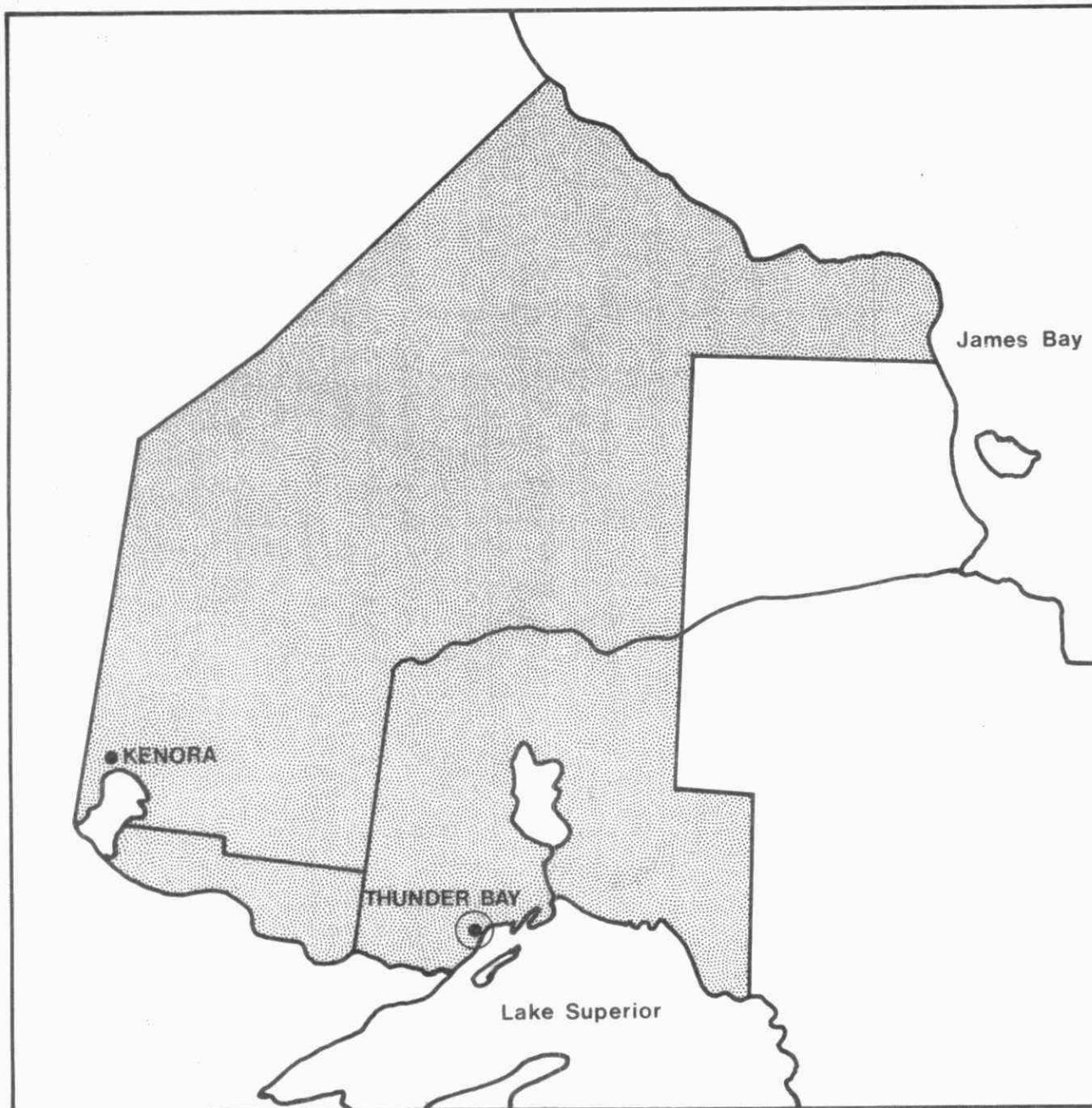
MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
TIMMINS SCHUMACHER PLANT CITY	COMMUNAL SEPTIC TANK	1.330	PEARL LAKE	MUNICIPALITY
VALLEY EAST HAMNER, VAL CARON, VAL THERESE TOWN	CONVENTIONAL SECONDARY	2.500	VERMILION RIVER	MINISTRY
WALDEN LIVELY PLANT TOWN	EXTENDED AERATION	1.350	MEATHYRD CREEK	MUNICIPALITY
WEBBWOOD WEBBWOOD LAGOON TOWN	CONVENTIONAL LAGOON SEASONAL	1.100	GOUGH CREEK	MINISTRY
WICKSTEED HORNEPAYNE PLANT TOWNSHIP	EXTENDED AERATION	1.300	JACKFISH RIVER	MINISTRY

Northwestern Region

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REGIONAL OFFICE
THUNDER BAY
435 James St. S.
P.O. Box 5000
807-475-1205

DISTRICT OFFICE
Kenora
808 Robertson St.
807-468-5578



REGIONAL OFFICE

THUNDER BAY

435 James St. S.

P.O. Box 5000

807-475-1205

DISTRICT OFFICE

Kenora

808 Robertson St.

807-468-5578

NORTHWESTERN REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MIGD) *</u>
PRIMARY	5	12.610
CONVENTIONAL SECONDARY	1	.500
CONTACT STABILIZATION	7	4.423
EXTENDED AERATION	2	.350
CONVENTIONAL LAGOON CONTINUOUS	1	.055
CONVENTIONAL LAGOON SEASONAL	1	.100
TOTAL MINISTRY OPERATED WORKS	10	13.940
TOTAL MUNICIPALLY OPERATED WORKS	7	4.098
TOTAL TREATMENT WORKS	<u>17</u>	<u>18.038</u>

* Note: All capacities are shown in millions of imperial gallons per day. ie. One million gallons appears as 1.000

NORTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
ATTIKOKAN MUNICIPAL PLANT TOWNSHIP	COMMUNAL SEPTIC TANK	.400	ATTIKOKAN RIVER	MUNICIPALITY
BALMERTOWN COCHENOUR TOWNSITE PLANT IMPROVEMENT DISTRICT	COMMUNAL SEPTIC TANK	.030	RED LAKE	MUNICIPALITY
BALMERTOWN BALMERTOWN TOWNSITE PLANT IMPROVEMENT DISTRICT	COMMUNAL SEPTIC TANK	.100	BALMER CREEK	MUNICIPALITY
DRYDEN MUNICIPAL PLANT TOWN	CONTACT STABILIZATION	.833	WABIGOON RIVER	MUNICIPALITY
EAR FALLS EAR FALLS WPCP TOWNSHIP	CONTACT STABILIZATION	.140	ENGLISH RIVER	MINISTRY
EMO TWP EMO TWP LAGOON TOWNSHIP	CONVENTIONAL LAGOON SEASONAL	.100	RAINY RIVER	MINISTRY
FORT FRANCES FORT FRANCES WPCP TOWN	PRIMARY	2.000	RAINY RIVER	MINISTRY
GERALDTON MUNICIPAL PLANT TOWN	CONTACT STABILIZATION	.400	LAKE KENOGAMISIS	MINISTRY
IGNACE IGNACE WPCP TOWNSHIP	CONTACT STABILIZATION	.550	AGIMAC CREEK	MINISTRY
KENORA MUNICIPAL PLANT TOWN	CONTACT STABILIZATION	2.000	WINNIPEG RIVER	MUNICIPALITY
LOGLAC LOGLAC WPCP TOWNSHIP	CONTACT STABILIZATION	.250	SUICIDE RIVER	MINISTRY
MANITOUWADGE MUNICIPAL PLANT TOWNSHIP	COMMUNAL SEPTIC TANK	.400	RUDDER LAKE	MUNICIPALITY

NORTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
MARATHON MUNICIPAL PLANT TOWNSHIP	PRIMARY	.250	LAKE SUPERIOR	MUNICIPALITY
NAKINA MUNICIPAL PLANT IMPROVEMENT DISTRICT	COMMUNAL SEPTIC TANK	.060	HOWARD CREEK	MUNICIPALITY
NIPIGON MUNICIPAL PLANT TOWNSHIP	PRIMARY	.360	NIPIGON RIVER	MUNICIPALITY
RAINY RIVER MUNICIPAL PLANT TOWN	COMMUNAL SEPTIC TANK	.060	RAINY RIVER	MUNICIPALITY
RED LAKE RED LAKE WPCP TOWNSHIP	CONTACT STABILIZATION	.250	HOWEY BAY	MINISTRY
SCHREIRER SCHREIRER WPCP TOWNSHIP	EXTENDED AERATION	.250	CREEK TO L. SUPERIOR	MINISTRY
SIOUX LOOKOUT MUNICIPAL PLANT TOWN	CONVENTIONAL SECONDARY	.500	PELICAN LAKE	MUNICIPALITY
TERRACE RAY TERRACE HEIGHTS SUR. (NO DISCHARGE) TOWNSHIP	EXTENDED AERATION CONVENTIONAL LAGOON EFFLUENT POLISHING	.100	EXFILTRATION TO SUPERIOR	MUNICIPALITY
TERRACE RAY MUNICIPAL PLANT (NO DISCHARGE) TOWNSHIP	CONVENTIONAL LAGOON CONTINUOUS	.055	EXFILTRATION TO SUPERIOR	MUNICIPALITY
THUNDER RAY THUNDER RAY SOUTH WPCP CITY	PRIMARY	6.000	KAMINISTIKWIA RIVER	MINISTRY
THUNDER RAY THUNDER RAY NORTH WPCP CITY	PRIMARY	4.000	MCINTYRE RIVER	MINISTRY

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PART II - WATER TREATMENT

Water, in terms of quality and quantity varies widely throughout the Province and as may be expected, the quality and intended use of the supply dictates the degree and type of treatment necessary.

Groundwater is characteristically cool, requires little treatment and suffers only slight temperature variations, hence, it is the first to be investigated as a source of supply. While hardness is often a concern with groundwater the main problem is its extraction in sufficient quantity to meet our increasing growth patterns. Quantity is not usually a problem with surface sources but treatment becomes the rule rather than the exception. The removal of turbidity, colour, tastes, odours, chemical substances and micro-organisms that would constitute a health hazard is achieved through various treatment methods. Sometimes only a few of these undesirable characteristics are present in a water supply; consequently, the method of treatment is selected only after the results of careful physical, bacteriological and chemical analyses are known.

All surface sources of supply, are disinfected through chlorination to ensure the complete removal of pathogenic bacteria (disease organisms). Groundwater is chlorinated where disease organisms are present or where a potential danger of contamination exists.

The object of treatment is to use the most effective processes and equipment to remove the impurities found in a particular source, for this reason all or any of the following methods or items may be employed in a plant.

Screening (Physical Treatment)

The raw or untreated water passes through coarse and fine screens which removes the larger particles.

Algae Removal by Microstraining (Physical Treatment)

If algae is a problem in the raw water then it may be passed through a microstrainer which is a rotating drum covered with a finely woven blanket of stainless steel or cloth fabric. The blanket opening size is chosen based on the type of algae encountered and as the water passes through the microstrainer the algae are enmeshed on the blanket. Some units are equipped with an ultra-violet light attachment which acts as a germicidal agent on the water and reduces or controls the growths on the fabric. The microstrainer is back washed or flushed with water to remove the accumulated algae and clean the blanket.

Color, Turbidity and Bacteria Removal by Coagulation and Flocculation (Chemical Treatment)

Chemical coagulants such as alum or lime are added and thoroughly mixed with the water. After a short period a sticky gelatinous precipitate is formed which absorbs colour and entangles mud, bacteria and suspended matter. The gelatinous mass is agitated and builds up into clumps or flocs which grow large and finally become heavy enough with impurities to be removed from the water by settling. The water

is reasonably clear after this procedure and the settled material is removed for suitable disposal.

Turbidity and Bacteria Removal by Filtration (Physical Treatment)

After coagulation and flocculation the water is passed through a filter or if water quality permits, the raw water may be ready for filtration after screening and or microstraining.

The gravity filter and the pressure filter are the two main types employed to remove minute impurities from the water. The gravity filter is an open rectangular tank, equipped with a straining system, (media) which generally consists of graded sand and gravel or possibly anthracite (a type of hard coal) and an underdrain system where the filtered water is collected. As the water passes through the filter the impurities are transferred or trapped in the media. Cleaning is effected by reversing the flow in the filter (backwashing). The pressure filter employs the same principles, the difference being that the water is forced under pressure through the media in a closed vessel.

Disinfection by Chlorination

Before the water is delivered to the consumer or storage facility it is essential that pathogenic bacteria or disease producing organisms are completely removed. Chlorination achieves this end provided that the turbidity is at a sufficiently low level.

PROVINCIAL SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MIGD) *</u>
GROUND SOURCE NO TREATMENT	153	155.179
GROUND SOURCE PHYSCL TRTMT	24	37.075
GROUND SOURCE CHEM TRTMT	34	62.821
GROUND SOURCE PHYSC & CHEM TRTMT	7	15.628
SURFC SOURCE NO TREATMENT	74	231.559
SURFC SOURCE PHYSCL TREATMENT	21	41.565
SURFC SOURCE CHEM TREATMENT	3	5.084
SURFC SOURCE PHYSC & CHEM TRTMT	94	1,312.996
AREA SCHEME SOURCE	40	
TOTAL MINISTRY OPERATED WORKS	85	241.626
TOTAL MUNICIPALLY OPERATED WORKS	365	1,620.281
TOTAL TREATMENT WORKS	450	1,861.907

* Note: All capacities are shown in millions of imperial gallons per day. ie: One million gallons appears as 1,000

Southwestern Region

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REGIONAL OFFICE

LONDON

985 Adelaide St. S.
519-681-3600

DISTRICT OFFICES

Windsor

3012 Tecumseh Rd. E.
519-945-2339

Sarnia

242A Indian Rd. S.
519-336-4030

Owen Sound

220 11th St. E.
519-371-2901

Southwestern Region

①



Ministry
of the
Environment

Ontario



REGIONAL OFFICE

LONDON

985 Adelaide St. S.
519-681-3600

DISTRICT OFFICES

Windsor

3012 Tecumseh Rd. E.
519-945-2339

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519-371-2901

SOUTHWESTERN REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MIGD)</u>
GROUND SOURCE NO TREATMENT	41	35.105
GROUND SOURCE PHYSCL TRTMT	5	8.100
GROUND SOURCE CHEM TRTMT	10	6.071
GROUND SOURCE PHYS & CHEM TRTMT	1	5.700
SURFC SOURCE NO TREATMENT	5	3.676
SURFC SOURCE PHYSCL TREATMT	5	6.045
SURFC SOURCE CHEM TRTMT	1	684
SURFC SOURCE PHYS & CHEM TRTMT	23	192.011
AREA SCHEME SOURCE	21	
TOTAL MINISTRY OPERATED WORKS	22	105.060
TOTAL MUNICIPALLY OPERATED WORKS	90	152.332
TOTAL TREATMENT WORKS	<u>112</u>	<u>257.392</u>

* Note: All capacities are shown in millions of imperial gallons per day. ie; One million gallons appears as 1.000

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
AILSA CRAIG MUNICIPAL SUPPLY VILLAGE	AREA SCHEME SOURCE	1.000		MINISTRY
ALVINSTON ALVINSTON WTP VILLAGE	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.166	SYDENHAM RIVER	MINISTRY
AMHERSTBURG AMHERSTBURG AREA WATER SUPPLY TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	4.000	DETROIT RIVER	MINISTRY
AYLMER MUNICIPAL PLANT TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	1.296		MUNICIPALITY
BELLE RIVER MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	4.000	LAKE ST CLAIR	MUNICIPALITY
BELMONT MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	1.368		MUNICIPALITY
BLENHEIM BLENHEIM WTP TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.000	LAKE ERIE	MINISTRY
BLYTH MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	1.480		MUNICIPALITY
BRISSOLS MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	1.480		MUNICIPALITY
CHATHAM MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	10.000	LAKE ERIE	MUNICIPALITY
CHESLEY MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	1.720		MUNICIPALITY
CLINTON MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	1.980		MUNICIPALITY

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
COLCHESTER NORTH MCGREGOR HAMLET SUPPLY TOWNSHIP	AREA SCHEME SOURCE	1.000		MINISTRY
DORCHESTER NORTH DORCHESTER P.V. MUN PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT GROUND SOURCE PHYSCL TRTMT CHLORINATION	1.488		MUNICIPALITY
DOVER PAINCOURT SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	1.020		MUNICIPALITY
DOVER MITCHELL'S BAY SUPPLY TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.250	LAKE ST CLAIR	MINISTRY
DOWNIE ST PAULS MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	1.059		MUNICIPALITY
DRESDEN DRESDEN WTP TOWN	SURFC SOURCE CHEM TRTMT CHLORINATION	1.684	SYDENHAM RIVER	MINISTRY
DUNDALK MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	1.130		MUNICIPALITY
DURHAM MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	1.763		MUNICIPALITY
DUTTON MUNICIPAL SUPPLY VILLAGE	AREA SCHEME SOURCE	1.000		MUNICIPALITY
EAST ZORRA-TAVISTOCK TAVISTOCK SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	1.000		MUNICIPALITY
ELLICE BRUNNER MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE CHEM TRTMT	1.025		MUNICIPALITY
ELLICE ATWOOD MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE CHEM TRTMT	1.030		MUNICIPALITY

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
ESSEX MUNICIPAL SUPPLY TOWN	AREA SCHEME SOURCE CHLORINATION	1.000		MUNICIPALITY
EXETER MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT SURFC SOURCE PHYSCL TREATMT CHLORINATION	1.778	AUSABLE RIVER	MUNICIPALITY
FOREST MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1.764		MUNICIPALITY
GLENCOE MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	1.072		MUNICIPALITY
GODERICH GODERICH WTP TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	1.500	LAKE HURON	MINISTRY
GOSFIELD SOUTH UNION - ESSEX WATER SUPPLY SYSTEM TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	16.000	LAKE ERIE	MINISTRY
GRAND BEND MUNICIPAL SUPPLY (2.750 MIGD) VILLAGE	AREA SCHEME SOURCE	1.000		MUNICIPALITY
HANOVER HANOVER TOWN	SURFC SOURCE NO TREATMENT GROUND SOURCE NO TREATMENT CHLORINATION	2.000	RIHL LAKE	MINISTRY
HARROW HARROW SUPPLY TOWN	SURFC SOURCE PHYSCL TREATMT CHLORINATION	2.500	LAKE ERIE	MINISTRY
HENSALL MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	1.290		MUNICIPALITY
INGERSOLL MUNICIPAL SUPPLY TOWN	GROUND SOURCE PHYSCL TRTMT CHLORINATION	2.784		MUNICIPALITY
KINCARDINE MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.730	LAKE HURON	MUNICIPALITY

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
KINGSVILLE MUNICIPAL SUPPLY (0.440 MIGD) TOWN	AREA SCHEME SOURCE CHLORINATION	1.000		MUNICIPALITY
LEAMINGTON MUNICIPAL SUPPLY TOWN	AREA SCHEME SOURCE	1.000		MUNICIPALITY
LIONS HEAD PRIVATE PLANT VILLAGE	SURFC SOURCE NO TREATMENT CHLORINATION	1.086	GEORGIAN BAY	MUNICIPALITY
LISTOWEL MUNICIPAL PLANT TOWN	GROUND SOURCE PHYSCL TRTMT	2.400		MUNICIPALITY
LONDON LONDON ILDFERTON PV (1.432 MIGD) TOWNSHIP	AREA SCHEME SOURCE CHLORINATION	1.000		MUNICIPALITY
LONDON MUNICIPAL SUPPLY CITY	AREA SCHEME SOURCE CHLORINATION FLUORIDATION	1.000		MUNICIPALITY
LUCAN MUNICIPAL PLANT VILLAGE	GROUND SOURCE CHEM TRTMT CHLORINATION	1.344		MUNICIPALITY
LUCKNOW MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	1.490		MUNICIPALITY
MARKDALE MUNICIPALITY VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION FLUORIDATION	1.864		MUNICIPALITY
MEAFORD MEAFORD WTP TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	3.168	GEORGIAN BAY	MINISTRY
MIDWAY MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	1.290		MUNICIPALITY
MILVERTON MUNICIPAL PLANT VILLAGE	GROUND SOURCE CHEM TRTMT CHLORINATION	1.275		MUNICIPALITY

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
MITCHELL MITCHELL WTP TOWN	GROUND SOURCE PHYSCL TRTMT	1.720		MUNICIPALITY
MOORE BRIGDEN POLICE VILLAGE PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	1.032		MUNICIPALITY
MOORE COURTRIGHT MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	1.271		MUNICIPALITY
MOORE CORUNNA POLICE VILLAGE SUPPLY TOWNSHIP	AREA SCHEME SOURCE	1.000		MINISTRY
NORWICH SPRINGFORD HAMLET SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	1.099		MUNICIPALITY
NORWICH OTTERVILLE PV MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	1.187		MUNICIPALITY
NORWICH NORWICH SUPPLY TOWNSHIP	GROUND SOURCE CHEM TRTMT CHLORINATION	1.396		MUNICIPALITY
OIL SPRINGS MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT	1.086		MUNICIPALITY
OWEN SOUND SPRING SUPPLY CITY	GROUND SOURCE NO TREATMENT CHLORINATION FLUORIDATION	1.100		MUNICIPALITY
OWEN SOUND MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	4.700	GEORGIAN BAY	MUNICIPALITY
PATSLEY MUNICIPAL PLANT VILLAGE	SURFC SOURCE PHYSCL TREATMT CHLORINATION	1.302	TEESWATER RIVER	MUNICIPALITY
PARKHILL MUNICIPAL SUPPLY (1.504 MIGD) TOWN	AREA SCHEME SOURCE CHLORINATION	1.000		MUNICIPALITY

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
PETROLIA PETROLIA WATER SUPPLY SYSTEM TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	1,500	BRIGHTS GROVE (1 HURON)	MUNICIPALITY
POINT EDWARD MUNICIPAL SUPPLY VILLAGE	AREA SCHEME SOURCE	1,000		MINISTRY
PORT BURWELL MUNICIPAL SUPPLY VILLAGE	AREA SCHEME SOURCE	1,000		MINISTRY
PORT ELGIN MUNICIPAL PLANT TOWN	SURFC SOURCE PHYSICAL TREATMT CHLORINATION	1,915	LAKE HURON	MUNICIPALITY
PORT STANLEY MUNICIPAL PLANT VILLAGE	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	1,600	LAKE ERIE	MUNICIPALITY
RIDGETOWN MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1,400		MUNICIPALITY
RIPLEY MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	1,350		MUNICIPALITY
RODNEY RODNEY MUNICIPAL SUPPLY (.072 MIGD) VILLAGE	AREA SCHEME SOURCE	1,000		MUNICIPALITY
SARNIA LAMBERTON COUNTY WATER SUPPLY SYSTEM CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	26,000	ST. CLAIR RIVER	MINISTRY
SARNIA BRIGHTS GROVE SUPPLY TOWNSHIP	AREA SCHEME SOURCE	1,000		MUNICIPALITY
SEAFORTH MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	3,600		MUNICIPALITY
SOMBRA PORT LAMBERTON POLICE VILLAGE PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	1,300	ST CLAIR RIVER	MUNICIPALITY

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
SOMBRA SOMBRA POLICE VILLAGE PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	240	ST CLAIR RIVER	MUNICIPALITY
SOUTH-WEST OXFORD BROWNSVILLE HAMLET SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	062		MUNICIPALITY
SOUTH-WEST OXFORD MT ELGIN HAMLET SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	057		MUNICIPALITY
SOUTH-WEST OXFORD BEACHVILLE-LOWEVILLE SUBDIVISION SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	050		MUNICIPALITY
SOUTHAMPTON SOUTHAMPTON WTP TOWN	SURFC SOURCE PHYSCL TREATMT CHLORINATION	720	LAKE HURON	MINISTRY
ST CLAIR BEACH MUNICIPAL SUPPLY VILLAGE	AREA SCHEME SOURCE	000		MUNICIPALITY
ST MARYS MUNICIPAL SUPPLY SEPARATED TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	2300		MUNICIPALITY
ST THOMAS MUNICIPAL SUPPLY CITY	AREA SCHEME SOURCE	000		MINISTRY
STEPHEN CENTRALIA IND PARK SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	1418		MUNICIPALITY
STEPHEN L. HURON WATER SUPPLY SYSTEM TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	37000	LAKE HURON	MINISTRY
STRATFORD MUNICIPAL PLANT CITY	GROUND SOURCE PHYS & CHEM TRTMT CHLORINATION	5700		MUNICIPALITY
STRATHROY MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	1876		MUNICIPALITY

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
TARA MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	1.118		MUNICIPALITY
TECUMSEH MUNICIPAL SUPPLY TOWN	AREA SCHEME SOURCE	1.000		MUNICIPALITY
TEFSWATER MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	1.722		MUNICIPALITY
THEDFORD THEDFORD WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	1.072		MINISTRY
THORNBURY MUNICIPAL PLANT TOWN	SURFC SOURCE PHYSCL TREATMT CHLORINATION	1.608	BEAVER RIVER	MUNICIPALITY
TILBURY MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	1.497	LAKE ST. CLAIR	MUNICIPALITY
TILBURY NORTH STONEY POINT WTP TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.000	LAKE ST. CLAIR	MUNICIPALITY
TILBURY W. COMMER P.V. MUNICIPAL SUPPLY (1.100 MIGD) TOWNSHIP	AREA SCHEME SOURCE	1.000		MINISTRY
TILLSONBURG MUNICIPAL SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	2.000		MUNICIPALITY
TIVERTON PRIVATE PLANT VILLAGE	GROUND SOURCE CHEM TRTMT CHLORINATION	1.132		MUNICIPALITY
TUCKERSMITH EGMONDVILLE PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT	1.013		MUNICIPALITY
WALKERTON MUNICIPAL PLANT TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	1.530		MUNICIPALITY

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
WALLACE GOWANSTOWN MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE CHEM TRTMT CHLORINATION	1.043		MUNICIPALITY
WALLACEBURG MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	2.300	CHENAL ESCARTE	MUNICIPALITY
WATFORD MUNICIPAL SUPPLY (1.470MGD) VILLAGE	AREA SCHEME SOURCE CHLORINATION	1.000		MUNICIPALITY
WEST LORNE WEST LORNE MUNICIPAL SUPPLY VILLAGE	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.800	LAKE ERIE	MUNICIPALITY
WESTMINSTER LAMBETH POLICE VILLAGE MUNICIPAL PLANT TOWNSHIP	GROUND SOURCE PHYSCL TRTMT	2.016		MUNICIPALITY
WHEATLEY MUNICIPAL PLANT VILLAGE	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.800	LAKE ERIE	MUNICIPALITY
WIARTON MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	1.050	GEORGIAN BAY	MUNICIPALITY
WINDSOR WINDSOR-TECUMSEH PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	4.000	DETROIT RIVER	MUNICIPALITY
WINDSOR MAIN PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	60.000	DETROIT RIVER	MUNICIPALITY
WINGHAM MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	1.220		MUNICIPALITY
WOODSTOCK MUNICIPAL PLANT CITY	GROUND SOURCE NO TREATMENT CHLORINATION	8.850		MUNICIPALITY
WYOMING WYOMING MUNICIPAL SUPPLY (1.583 MGD) VILLAGE	AREA SCHEME SOURCE	1.000		MUNICIPALITY

SOUTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
YARMOUTH ELGIN AREA WATER SUPPLY SYSTEM TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	10,000	LAKE ERIE	MINISTRY
ZORRA EMBRD SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	1172		MUNICIPALITY
ZORRA THAMESFORD PV MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE PHYSCL TRTMT CHLORINATION	1180		MUNICIPALITY
ZURICH MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	1170		MUNICIPALITY

West Central Region

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REGIONAL OFFICE

STONEY CREEK

140 Centennial Pkwy. N.

416-561-7410

DISTRICT OFFICES

Welland

637-641 Niagara St. N.

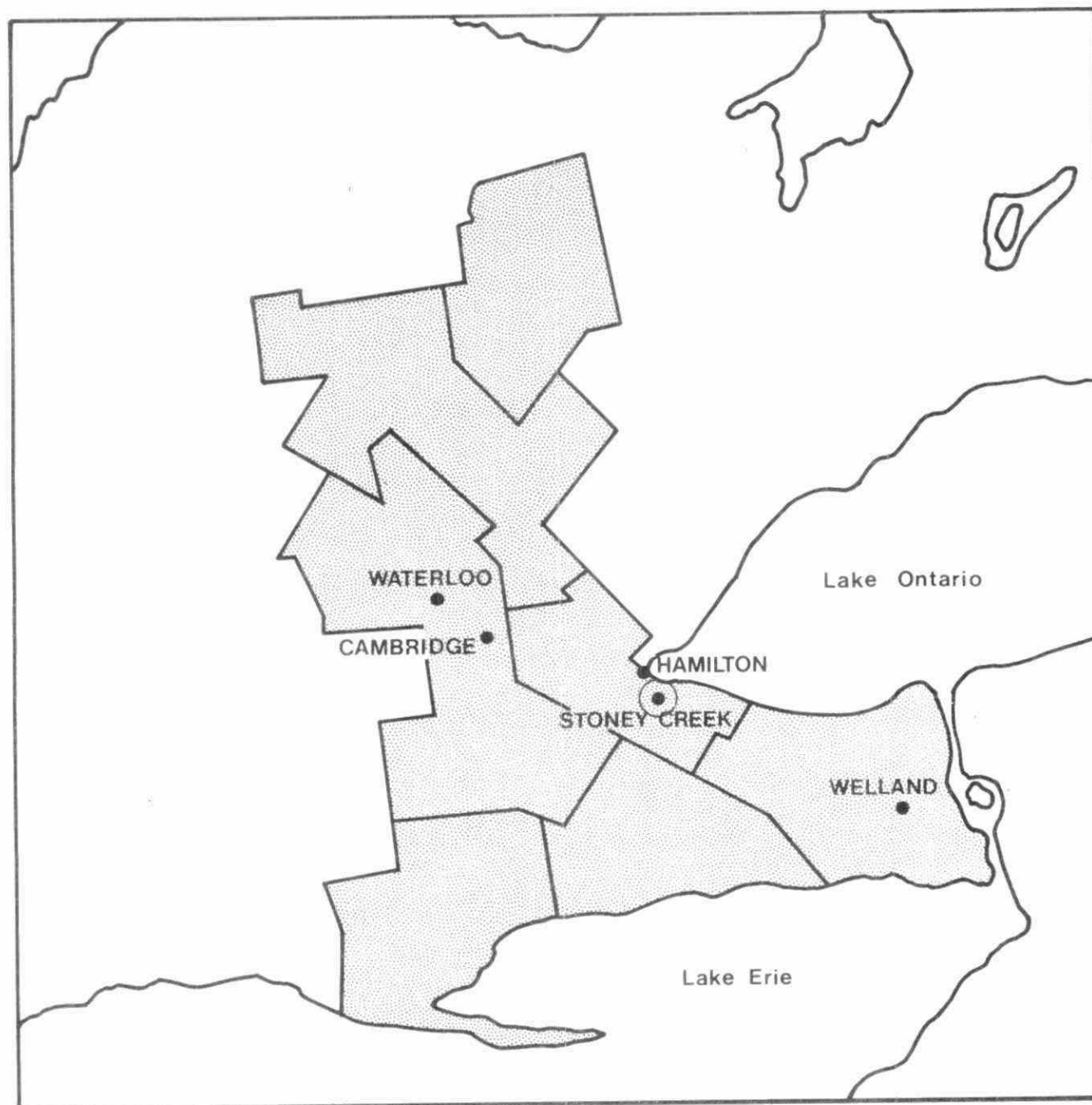
416-735-0431

Cambridge

400 Clyde Road

P.O. Box 219

519-623-2080



REGIONAL OFFICE
STONEY CREEK
 140 Centennial Pkwy. N.
 416-561-7410

DISTRICT OFFICES
Welland
 637-641 Niagara St. N.
 416-735-0431
Cambridge
 400 Clyde Road
 P.O. Box 219
 519-623-2080

WEST CENTRAL REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MIGD)</u> *
GROUND SOURCE NO TREATMENT	27	62.028
GROUND SOURCE PHYSCL TRTMT	4	11.528
GROUND SOURCE CHEM TRTMT	4	18.154
GROUND SOURCE PHYS & CHEM TRTMT	2	1.562
SURFC SOURCE NO TREATMENT	2	20.702
SURFC SOURCE PHYSCL TREATMT	6	17.784
SURFC SOURCE PHYS & CHEM TRTMT	15	285.818
AREA SCHEME SOURCE	3	
TOTAL MINISTRY OPERATED WORKS	3	21.165
TOTAL MUNICIPALLY OPERATED WORKS	60	396.411
TOTAL TREATMENT WORKS	<u>63</u>	<u>417.576</u>

* Note: All capacities are shown in millions of imperial gallons per day. ie: One million gallons appears as 1.000

WEST CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
ANCASTER MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	2.074		MUNICIPALITY
ARTHUR MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT	.223		MUNICIPALITY
BRANTFORD AIRPORT PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.504		MUNICIPALITY
BRANTFORD TUTELA HEIGHTS TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.288		MUNICIPALITY
BRANTFORD MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	20.000	GRAND RIVER	MUNICIPALITY
CAMBRIDGE GALT SUPPLY CITY	GROUND SOURCE NO TREATMENT	11.250		MUNICIPALITY
CAMBRIDGE PRESTON SUPPLY CITY	GROUND SOURCE NO TREATMENT CHLORINATION	3.580		MUNICIPALITY
CAMBRIDGE HESPELER SUPPLY CITY	GROUND SOURCE PHYSCL TRTMT CHLORINATION	1.973		MUNICIPALITY
CLIFFORD MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT	.144		MUNICIPALITY
DELHI DELHI-SPRING SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.175		MUNICIPALITY
DELHI ST WILLIAMS POLICE VILLAGE SUPPLY TOWNSHIP	GROUND SOURCE PHYSCL TRTMT CHLORINATION	.060		MUNICIPALITY
DELHI TURKEY POINT -BOWEN WATER SUPPLY TOWNSHIP	SURFC SOURCE PHYSCL TREATMT CHLORINATION	.300	LAKE ERIE	MUNICIPALITY

WEST CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
DELHI DELHI-FILTRATION PLANT TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.500	NORTH CREEK	MUNICIPALITY
DUMFRIES SOUTH ST GEORGE P.V. PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT	1.800		MUNICIPALITY
DUNDAS MUNICIPAL SUPPLY TOWN	AREA SCHEME SOURCE	.000		MUNICIPALITY
DUNNVILLE FORMER DUNN TWP PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	20.500	LAKE ERIE	MINISTRY
DUNNVILLE MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION AREA SCHEME SOURCE	3.500		MUNICIPALITY
ELORA MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE CHEM TRTMT CHLORINATION	.662		MUNICIPALITY
ERIN MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.350		MUNICIPALITY
FERGUS MUNICIPAL SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	1.512		MUNICIPALITY
FLAMBOROUGH WATER DOWN (INCL .5MGD FROM BURLINGTON) TOWNSHIP	GROUND SOURCE NO TREATMENT	.900		MUNICIPALITY
FORT ERIE FORMER VILLAGE OF CRYSTAL BEACH PLANT TOWN	SURFC SOURCE PHYSCL TREATMT CHLORINATION	1.500	LAKE ERIE	MUNICIPALITY
FORT ERIE FORMER TOWNSHIP OF BERTIE PLANT TOWN	SURFC SOURCE PHYSCL TREATMT CHLORINATION	9.000	LAKE ERIE	MUNICIPALITY
GRIMSBY MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	4.600	LAKE ONTARIO	MUNICIPALITY

WEST CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
GUELPH MUNICIPAL SUPPLY CITY	GROUND SOURCE CHEM TRTMT CHLORINATION	15,400		MUNICIPALITY
HALDIMAND HAGERSVILLE PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	720		MUNICIPALITY
HALDIMAND CALEDONIA PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	588		MUNICIPALITY
HALDIMAND CAYUGA PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	240	GRAND RIVER	MUNICIPALITY
HAMILTON MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	160,000	LAKE ONTARIO	MUNICIPALITY
HARRISTON MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT	864		MUNICIPALITY
KITCHENER MUNICIPAL SUPPLY CITY	GROUND SOURCE NO TREATMENT	19,890		MUNICIPALITY
KITCHENER BRIDGEPORT SUPPLY CITY	AREA SCHEME SOURCE	000		MUNICIPALITY
LINCOLN FORMER TOWN OF BEAMSVILLE PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	900	LAKE ONTARIO	MUNICIPALITY
LINCOLN FORMER HAMLET OF VINELAND PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	630	LAKE ONTARIO	MUNICIPALITY
LINCOLN WEST SMITHVILLE PLANT TOWNSHIP	GROUND SOURCE CHEM TRTMT CHLORINATION	580		MUNICIPALITY
MOUNT FOREST MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1,600		MUNICIPALITY

WEST CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
NANTICOKE PORT DOVER-SPRING SUPPLY CITY	GROUND SOURCE NO TREATMENT CHLORINATION	2.300		MUNICIPALITY
NANTICOKE WATERFORD SUPPLY CITY	GROUND SOURCE PHYSCL TRTMT CHLORINATION	.795		MUNICIPALITY
NANTICOKE JARVIS PLANT CITY	SURFC SOURCE NO TREATMENT CHLORINATION	.202	LAKE ERIE	MUNICIPALITY
NANTICOKE PORT DOVER FILTRATION PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	2.300	LAKE ERIE	MUNICIPALITY
NIAGARA FALLS MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	32.000	NIAGARA RIVER	MUNICIPALITY
NIAGARA-ON-THE-LAKE VIRGIL/ST.DAVID'S SUPPLY TOWN	GROUND SOURCE PHYS & CHEM TRTMT CHLORINATION	1.397		MUNICIPALITY
NIAGARA-ON-THE-LAKE FORMER TOWN OF NIAGARA PLANT TOWN	SURFC SOURCE PHYSCL TREATMT CHLORINATION	.830	NIAGARA RIVER	MUNICIPALITY
NORFOLK COURTLAND SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.500		MINISTRY
NORFOLK PORT ROWAN PLANT TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.648	LAKE ERIE	MUNICIPALITY
ORANGEVILLE MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT	2.656		MUNICIPALITY
PALMERSTON MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT	.580		MUNICIPALITY
PARIS MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION FLUORIDATION	1.329		MUNICIPALITY

WEST CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
PELHAM FORMER VILLAGE OF Fonthill Plant Town	GROUND SOURCE NO TREATMENT CHLORINATION	1'000		MUNICIPALITY
PORT COLBORNE MUNICIPAL PLANT CITY	SURFC SOURCE PHYSCL TREATMT CHLORINATION	6'000	WELLAND SHIP CANAL	MUNICIPALITY
SHELBURNE SHELBURNE WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	1'426		MUNICIPALITY
SIMCOE MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	3'350		MUNICIPALITY
ST CATHARINES MAIN (DE CEW) PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT	42'000	WELLAND SHIP CANAL	MUNICIPALITY
STONEY CREEK MUNICIPAL SUPPLY TOWN	AREA SCHEME SOURCE	1'000		MUNICIPALITY
THOROLD FORMER HAMLET OF PORT ROBINSON PLANT CITY	SURFC SOURCE PHYSCL TREATMT	1'154	WELLAND SHIP CANAL	MUNICIPALITY
THOROLD FORMER TOWN OF THOROLD PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	4'000	WELLAND SHIP CANAL	MUNICIPALITY
WATERLOO MUNICIPAL SUPPLY CITY	GROUND SOURCE PHYSCL TRTMT CHLORINATION FLUORIDATION	8'700		MUNICIPALITY
WELLAND PLANT ONE CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	9'000	WELLAND SHIP CANAL	MUNICIPALITY
WELLAND PLANT TWO CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	4'500	WELLAND SHIP CANAL	MUNICIPALITY
WELLESLEY LINWOOD POLICE VILLAGE MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	1'031		MUNICIPALITY

WEST CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
WILMOT NEW HAMBURG SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.806		MUNICIPALITY
WOOLWICH ELMIRA SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	4.100		MUNICIPALITY
WOOLWICH ST JACOBS POLICE VILLAGE PLANT TOWNSHIP	GROUND SOURCE PHYS & CHEM TRTMT CHLORINATION	.165		MINISTRY

Central Region

③

REGIONAL OFFICE

DON MILLS

150 Ferrand Dr.

416-424-3000

DISTRICT OFFICES

Barrie

12 Fairview Rd.

705-726-1730

Muskoka - Haliburton

Gravenhurst Shopping

Centre

705-687-3408

Peterborough

139 George St. N.

705-743-2972

Halton - Peel

125 Cross Ave. Oakville

416-844-5747



Central Region

③



Ministry
of the
Environment
Ontario

REGIONAL OFFICE

DON MILLS
150 Ferrand Dr.
416-424-3000

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12 Fairview Rd.
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CENTRAL REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MIGD)</u> *
GROUND SOURCE NO TREATMENT	35	26.864
GROUND SOURCE PHYSCL TRTMT	7	13.749
GROUND SOURCE CHEM TRTMT	14	27.108
GROUND SOURCE PHYS & CHEM TRTMT	1	.216
SURFC SOURCE NO TREATMENT	9	18.099
SURFC SOURCE PHYSCL TREATMT	3	5.560
SURFC SOURCE CHEM TRTMT	1	2.000
SURFC SOURCE PHYS & CHEM TRTMT	20	618.880
AREA SCHEME SOURCE	4	
TOTAL MINISTRY OPERATED WORKS	16	79.045
TOTAL MUNICIPALLY OPERATED WORKS	78	633.431
TOTAL TREATMENT WORKS	<u>94</u>	<u>712.476</u>

* Note: All capacities are shown in millions of imperial gallons per day. ie; One million gallons appears as 1.000

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
AJAX MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	5'000	LAKE ONTARIO	MUNICIPALITY
ALLISTON MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT	1'600		MUNICIPALITY
ANSON HINDON & MINDEN ANSON HINDON & MINDEN TWP SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	1'360		MINISTRY
AURORA MUNICIPAL SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	3'740		MUNICIPALITY
BARRIE MUNICIPAL SUPPLY CITY	GROUND SOURCE CHEM TRTMT CHLORINATION	12'500		MUNICIPALITY
BEFTON MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE PHYSCL TRTMT CHLORINATION	1'202		MUNICIPALITY
BICROFT CARDIFF TOWNSITE PLANT IMPROVEMENT DISTRICT	GROUND SOURCE NO TREATMENT	1'144		MUNICIPALITY
BORCAYGEON BORCAYGEON WTP VILLAGE	SURFC SOURCE PHYSCL TREATMT CHLORINATION	1'200	BORCAYGEON RIVER	MINISTRY
BRACERRIDGE MUNICIPAL SUPPLY TOWN	SURFC SOURCE NO TREATMENT GROUND SOURCE NO TREATMENT CHLORINATION	1'850	LAKE MUSKOKA	MUNICIPALITY
BRADFORD BRADFORD WWKS TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1'300		MINISTRY
BRAMPTON BRAMPTON MUNICIPAL SUPPLY (1.80 MIGD) CITY	AREA SCHEME SOURCE	1'000		MINISTRY
BRAMPTON CHINGUACOUSY SUPPLY (1'006 MIGD) CITY	AREA SCHEME SOURCE	1'000		MINISTRY

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
BRIGHTON MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	1.100		MUNICIPALITY
BROCK SUNDERLAND PV SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.468		MUNICIPALITY
BROCK BEAVERTON SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.740	LAKE SIMCOE	MUNICIPALITY
BROCK CANNINGTON SUPPLY TOWNSHIP	GROUND SOURCE CHEM TRTMT CHLORINATION	.380		MUNICIPALITY
BURLINGTON MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	31.000	LAKE ONTARIO	MUNICIPALITY
CALEDON CALEDON EAST WWKS TOWN	GROUND SOURCE NO TREATMENT	.400		MUNICIPALITY
CALEDON BOLTON WWKS TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1.440		MUNICIPALITY
CAMPBELLFORD MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.250	TRENT RIVER	MUNICIPALITY
COROURG MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	8.000	LAKE ONTARIO	MUNICIPALITY
COLBORNE MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.400		MUNICIPALITY
COLDWATER MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.125		MUNICIPALITY
COLLINGWOOD MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	10.500	GEORGIAN BAY	MUNICIPALITY

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
COOKSTOWN COOKSTOWN WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	1.050		MINISTRY
CREEMORE MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	1.400		MUNICIPALITY
ELMVALE ELMVALE WWKS VILLAGE	GROUND SOURCE NO TREATMENT	1.510		MINISTRY
FENELON FALLS FENELON FALLS WTP VILLAGE	SURFC SOURCE PHYSCL TREATMT CHLORINATION	1.360	CAMERON LAKE	MINISTRY
GEORGINA SUTTON PLANT TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	1.000	LAKE SIMCOE	MUNICIPALITY
GRAVENHURST MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT GROUND SOURCE CHEM TRTMT CHLORINATION	2.520	GULL LAKE	MUNICIPALITY
GWILLIMBURY EAST SHARON POLICE VILLAGE SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	1.036		MUNICIPALITY
HALTON HILLS ACTON PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1.207		MUNICIPALITY
HALTON HILLS GEORGETOWN PLANT TOWN	GROUND SOURCE PHYSCL TRTMT CHLORINATION	6.630		MUNICIPALITY
HASTINGS HASTINGS WWKS VILLAGE	SURFC SOURCE NO TREATMENT CHLORINATION	1.540	TRENT RIVER	MINISTRY
HAVELOCK HAVELOCK WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	1.115		MINISTRY
HUNTSVILLE MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.200	LAKE VERNON	MUNICIPALITY

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
KING KING CITY POLICE VILLAGE SUPPLY TOWNSHIP	GROUND SOURCE CHEM TRTMT CHLORINATION	1.800		MUNICIPALITY
KING NORLETOWN POLICE VILLAGE SUPPLY TOWNSHIP	GROUND SOURCE CHEM TRTMT CHLORINATION	1.860		MUNICIPALITY
KING SCHOMBERG SUPPLY TOWNSHIP	GROUND SOURCE PHYS & CHEM TRTMT CHLORINATION	1.216		MUNICIPALITY
LAKEFIELD MUNICIPAL PLANT VILLAGE	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.410	OTONABEE RIVER	MUNICIPALITY
LINDSAY MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	5.000	SCUGOG RIVER	MUNICIPALITY
MARKHAM MARKHAM DON MILLS WTP TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1.000		MUNICIPALITY
MARKHAM MARKHAM JOHN ST WTP TOWN	GROUND SOURCE PHYSCL TRTMT CHLORINATION	2.304		MUNICIPALITY
MARKHAM MARKHAM STEELES AVE PLANT TOWN	GROUND SOURCE PHYSCL TRTMT CHLORINATION	1.000		MUNICIPALITY
MARKHAM THORNHILL SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	3.300		MUNICIPALITY
MARKHAM UNTONVILLE SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	1.330		MUNICIPALITY
MARKHAM MARKHAM PHARMACY WTP TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	1.008		MUNICIPALITY
METRO TORONTO SCARBOROUGH PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	30.000	LAKE ONTARIO	MUNICIPALITY

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
METRO TORONTO ISLAND PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	60'000	LAKE ONTARIO	MUNICIPALITY
METRO TORONTO WESTERLY PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	100'000	LAKE ONTARIO	MUNICIPALITY
METRO TORONTO R C HARRIS PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	220'000	LAKE ONTARIO	MUNICIPALITY
MIDLAND MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	2'400		MUNICIPALITY
MILLBROOK MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT	'500		MUNICIPALITY
MILTON MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	4'000		MUNICIPALITY
MISSISSAUGA SOUTH PEEL AREA SCHEME (LAKEVIEW) CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	75'000	LAKE ONTARIO	MINISTRY
MISSISSAUGA STREETSVILLE SUPPLY CITY	AREA SCHEME SOURCE	'000		MINISTRY
MISSISSAUGA PORT CREDIT SUPPLY CITY	AREA SCHEME SOURCE	'000		MINISTRY
MUSKOKA LAKES BALA PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	'432	LAKE MUSKOKA	MUNICIPALITY
MUSKOKA LAKES PORT CARLING PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	'432	INDIAN RIVER	MUNICIPALITY
NEWCASTLE GROND WAKS TOWN	GROUND SOURCE NO TREATMENT	'108		MUNICIPALITY

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
NEWCASTLE BOWMANVILLE PLANT ONE TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	.350		MUNICIPALITY
NEWCASTLE NEWCASTLE SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	.104		MUNICIPALITY
NEWCASTLE BOWMANVILLE PLANT TWO TOWN	SURFC SOURCE CHEM TRTMT CHLORINATION	2.000	LAKE ONTARIO	MUNICIPALITY
NEWMARKET NEWMARKET GWILLIMBURY HTS SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	2.200		MUNICIPALITY
NORWOOD MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT	.144		MUNICIPALITY
OKVILLE MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	16.000	LAKE ONTARIO	MUNICIPALITY
ORILLIA MUNICIPAL SUPPLY CITY	SURFC SOURCE PHYSCL TREATMT GROUND SOURCE NO TREATMENT CHLORINATION	5.000	LAKE COUCHICHING	MUNICIPALITY
OSHAWA WHITBY EAST WTP CITY	GROUND SOURCE PHYSCL TRTMT CHLORINATION	.160		MUNICIPALITY
OSHAWA MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	30.000	LAKE ONTARIO	MUNICIPALITY
PENETANGUISHENE MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT	1.600		MUNICIPALITY
PERCY WARKWORTH POLICE VILLAGE PLANT TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.100	MTLI CREEK	MINISTRY
PETERBOROUGH MUNICIPAL SUPPLY CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	19.000	OTONAREE RIVER	MUNICIPALITY

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
PICKERING PICKERING SUPPLY TOWN	SURFC SOURCE CHLORINATION FLUORIDATION	5.500	LAKE ONTARIO	MUNICIPALITY
PORT HOPE MUNICIPAL PLANT TOWN	SURFC SOURCE CHLORINATION	4.420	LAKE ONTARIO	MUNICIPALITY
PORT MCNICOLL MUNICIPAL PLANT VILLAGE	SURFC SOURCE CHLORINATION	1.805	GEORGIAN BAY	MUNICIPALITY
RICHMOND HILL RICHMOND HILL (OAK RIDGES) TOWN	GROUND SOURCE CHLORINATION	1.540		MUNICIPALITY
RICHMOND HILL RICHMOND HILL WWKS TOWN	GROUND SOURCE CHLORINATION	2.960		MUNICIPALITY
SCUGOG PORT PERRY WWKS TOWNSHIP	GROUND SOURCE NO TREATMENT	1.576		MUNICIPALITY
STAYNER MUNICIPAL SUPPLY TOWN	GROUND SOURCE CHLORINATION	1.450		MINISTRY
STAYNER MUNICIPAL SUPPLY TOWN	GROUND SOURCE CHLORINATION	1.435		MUNICIPALITY
TAY SUNNYSIDE SUBDIVISION SUPPLY TOWNSHIP	GROUND SOURCE CHLORINATION	1.330		MUNICIPALITY
TAY WAUBASHENE SUPPLY TOWNSHIP	SURFC SOURCE CHLORINATION	1.300	GEORGIAN BAY	MUNICIPALITY
TOTTENHAM MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE CHLORINATION FLUORIDATION	1.660		MUNICIPALITY
UXBRIDGE UXBRIDGE SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	1.720		MUNICIPALITY

CENTRAL REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
VAUGHAN WOODBRIDGE SUPPLY TOWN	GROUND SOURCE NO TREATMENT	2'030		MUNICIPALITY
VAUGHAN KLEINBURG SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	'360		MUNICIPALITY
VAUGHAN CONCORD INDUSTRIAL AREA SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	2'180		MUNICIPALITY
VAUGHAN MAPLE SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	'500		MUNICIPALITY
VAUGHAN CRESTWOOD SUPPLY TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	'300		MUNICIPALITY
VAUGHAN THORNHILL-CARRVILLE SYSTEM TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	1'950		MUNICIPALITY
VICTORIA HARBOUR MUNICIPAL PLANT VILLAGE	SURFC SOURCE NO TREATMENT CHLORINATION	'430	GEORGIAN BAY	MUNICIPALITY
WHITBY MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	6'000	LAKE ONTARIO	MUNICIPALITY
WHITCHURCH-STOUFFVILLE STOUFFVILLE SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1'190		MUNICIPALITY
WOODVILLE WOODVILLE WELL VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	'060		MINISTRY

Southeastern Region

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REGIONAL OFFICE

KINGSTON

133 Dalton St.
613-549-4000

DISTRICT OFFICES

Belleville

15 Victoria Ave.
613-962-9208

Cornwall

4 Montreal Rd.
613-933-7402

Ottawa

2378 Holly Lane
613-521-3450

Pembroke

1000 MacKay St.
P.O. Box 67
613-732-3643

Southeastern Region

④



Ministry
of the
Environment



REGIONAL OFFICE

KINGSTON

133 Dalton St.

613-549-4000

DISTRICT OFFICES

Belleville

15 Victoria Ave.

613-962-9208

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4 Montreal Rd.

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613-521-3450

Pembroke

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P.O. Box 67

613-732-3643

SOUTHEASTERN REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MGD)</u> *
GROUND SOURCE NO TREATMENT	29	11.694
GROUND SOURCE PHYSCL TRTMT	2	.133
GROUND SOURCE CHEM TRTMT	2	.208
GROUND SOURCE PHYS & CHEM TRTMT	1	6.000
SURFC SOURCE NO TREATMENT	17	29.670
SURFC SOURCE PHYSCL TREATMT	3	9.400
SURFC SOURCE PHYS & CHEM TRTMT	21	170.798
AREA SCHEME SOURCE	6	
TOTAL MINISTRY OPERATED WORKS	18	11.781
TOTAL MUNICIPALLY OPERATED WORKS	63	216.122
TOTAL TREATMENT WORKS	<u>81</u>	<u>227.903</u>

* Note: All capacities are shown in millions of imperial gallons per day. ie: One million gallons appears as 1.000

SOUTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE		CAPACITY	WATERCOURSE	OPERATED BY
ALEXANDRIA MUNICIPAL PLANT TOWN	SURFC SOURCE CHLORINATION	PHYS & CHEM TRTMT	1.140	ALEXANDER LAKE	MUNICIPALITY
ALFRED ALFRED WWKS VILLAGE	GROUND SOURCE CHLORINATION	NO TREATMENT	.993		MINISTRY
ALFRED LEFATVRE HAMLET SUPPLY TOWNSHIP	SURFC SOURCE CHLORINATION	NO TREATMENT	.100	OTTAWA RIVER	MUNICIPALITY
ALMONT MUNICIPAL PLANT TOWN	GROUND SOURCE	NO TREATMENT	1.180		MUNICIPALITY
ARNPRIOR MUNICIPAL PLANT TOWN	SURFC SOURCE CHLORINATION FLUORIDATION	PHYS & CHEM TRTMT	3.400	MADAWASKA RIVER	MUNICIPALITY
RANCROFT RANCROFT WWKS VILLAGE	SURFC SOURCE CHLORINATION	NO TREATMENT	1.000	CLARKE LAKE	MUNICIPALITY
BARRY'S BAY BARRY'S BAY WTP VILLAGE	SURFC SOURCE CHLORINATION	PHYS & CHEM TRTMT	.550	KAMANTSKEG LAKE	MINISTRY
BATH MUNICIPAL PLANT VILLAGE	SURFC SOURCE CHLORINATION	PHYS & CHEM TRTMT	.840	LAKE ONTARIO	MUNICIPALITY
BEACHBURG MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE	PHYSCL TRTMT	.090		MUNICIPALITY
BELLEFLEUR MUNICIPAL PLANT CITY	SURFC SOURCE CHLORINATION FLUORIDATION	PHYS & CHEM TRTMT	8.000	BAY OF QUINTE	MUNICIPALITY
BROCKVILLE MUNICIPAL PLANT CITY	SURFC SOURCE CHLORINATION FLUORIDATION	PHYSCL TREATMT	9.000	ST LAWRENCE RIVER	MUNICIPALITY
CARLETON PLACE MUNICIPAL PLANT TOWN	SURFC SOURCE CHLORINATION FLUORIDATION	NO TREATMENT	5.000	MISSISSIPPI RIVER	MUNICIPALITY

SOUTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
CHALK RIVER CHALK RIVER WWKS VILLAGE	SURFC SOURCE NO TREATMENT CHLORINATION	.430	CORRY LAKE	MINISTRY
CHESTERVILLE CHESTERVILLE WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.244		MINISTRY
CLARENCE HAMMOND SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.028		MUNICIPALITY
CLARENCE CHENEY SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	.100		MUNICIPALITY
CLARENCE BOURGET POLICE VILLAGE SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.086		MUNICIPALITY
CLARENCE CLARENCE CREEK SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.080		MUNICIPALITY
CLARENCE ST PASCAL BAYLON SUPPLY TOWNSHIP	GROUND SOURCE PHYSCL TRTMT CHLORINATION	.043		MUNICIPALITY
CORDEN MUNICIPAL PLANT VILLAGE	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.058	MUSKRAT LAKE	MUNICIPALITY
CORNWALL LONG SAULT HAMLET PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.635	LAKE ST LAWRENCE	MUNICIPALITY
CORNWALL MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	18.000	LAKE ST LAWRENCE	MUNICIPALITY
CUMBERLAND QUEENSWOOD SUBDIVISION PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.320		MUNICIPALITY
DEEP RIVER MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	5.100	OTTAWA RIVER	MUNICIPALITY

SOUTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
DELDRO MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.140		MUNICIPALITY
DESERONTO MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	2.500	BAY OF QUINTE	MUNICIPALITY
EGANVILLE EGANVILLE WTP VILLAGE	SURFC SOURCE PHYSCL TREATMT CHLORINATION	.180	BONNECHERE RIVER	MINISTRY
ERNESTOWN AMHERSTVIEW PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	1.150	LAKE ONTARIO	MUNICIPALITY
ERNESTOWN ODESSA WTP TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.450	MILLHAVEN CREEK	MINISTRY
FRANKFORD FRANKFORD VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.540		MINISTRY
GANANOQUIF MUNICIPAL PLANT SEPARATED TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	2.160	ST. LAWRENCE RIVER	MUNICIPALITY
GLOUCESTER ORLEANS POLICE VILLAGE SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.134		MUNICIPALITY
GOULBOURN GLENCATHN PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.436		MUNICIPALITY
HAWKESBURY MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	2.500	OTTAWA RIVER	MUNICIPALITY
IRROQUOIS MUNICIPAL PLANT VILLAGE	SURFC SOURCE NO TREATMENT CHLORINATION	1.600	ST LAWRENCE RIVER	MUNICIPALITY
KEMPTVILLE MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1.020		MUNICIPALITY

SOUTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
KINGSTON WEST BROOK PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.115		MUNICIPALITY
KINGSTON KINGSTON MUNICIPAL PLANT TOWNSHIP	GROUND SOURCE PHYS & CHEM TRTMT CHLORINATION	6.000	LAKE ONTARIO	MINISTRY
KINGSTON QUEEN'S ACRES PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.500	COLLINS BAY (LAKE ONTARIO)	MUNICIPALITY
KINGSTON MUNICIPAL PLANT CITY	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	26.000	LAKE ONTARIO	MUNICIPALITY
L'ORIGTINAL L'ORIGINAL VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.080		MINISTRY
LANCASTER LANCASTER VILLAGE	GROUND SOURCE CHEM TRTMT CHLORINATION	.054		MINISTRY
LEEDS & LANSDOWNE LANSDOWNE WTP TOWNSHIP	GROUND SOURCE CHEM TRTMT CHLORINATION	.154		MINISTRY
MADOC MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.330		MUNICIPALITY
MARCH KANATA SUPPLY TOWNSHIP	AREA SCHEME SOURCE	.000		MUNICIPALITY
MARMORA MARMORA WTP VILLAGE	SURFC SOURCE PHYSICAL TREATMT CHLORINATION	.220	CROWE RIVER	MUNICIPALITY
MERRICKVILLE MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.475		MINISTRY
MORRISBURG MUNICIPAL PLANT VILLAGE	SURFC SOURCE NO TREATMENT CHLORINATION	2.300	ST LAWRENCE RIVER	MUNICIPALITY

SOUTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
NAPANEE MUNICIPAL PLANT TOWN	SURFC SOURCE CHLORINATION	2.800	NAPANEE RIVER	MUNICIPALITY
NEPEAN LYNWOOD VILLAGE SUPPLY TOWNSHIP	AREA SCHEME SOURCE	.000		MUNICIPALITY
NEPEAN BARRHAVEN SUPPLY TOWNSHIP	AREA SCHEME SOURCE	.000		MUNICIPALITY
NEPEAN LAKEVIEW SUPPLY TOWNSHIP	AREA SCHEME SOURCE	.000		MUNICIPALITY
OSNABRUCK INGLESIDE HAMLET PLANT TOWNSHIP	SURFC SOURCE CHLORINATION	1.800	ST LAWRENCE RIVER	MUNICIPALITY
OTTAWA BRITTANNIA PLANT CITY	SURFC SOURCE CHLORINATION FLUORIDATION	42.000	OTTAWA RIVER	MUNICIPALITY
OTTAWA LEMIEUX ISLAND PLANT CITY	SURFC SOURCE CHLORINATION FLUORIDATION	42.000	OTTAWA RIVER	MUNICIPALITY
PEMBROKE MUNICIPAL PLANT CITY	SURFC SOURCE CHLORINATION	6.200	OTTAWA RIVER	MUNICIPALITY
PERTH MUNICIPAL PLANT TOWN	SURFC SOURCE CHLORINATION FLUORIDATION	2.000	TAY RIVER	MUNICIPALITY
PETAWAWA MUNICIPAL PLANT (DEPT NAT DEF) VILLAGE	SURFC SOURCE CHLORINATION	3.000	OTTAWA RIVER	MUNICIPALITY
PICTON MUNICIPAL PLANT TOWN	SURFC SOURCE CHLORINATION FLUORIDATION	2.000	PICTON BAY (L. ONTARIO)	MUNICIPALITY
PITTSBURGH CANA SUBDIVISION PLANT TOWNSHIP	GROUND SOURCE CHLORINATION	.015		MUNICIPALITY

SOUTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
PITTSBURGH GLEN LAWRENCE WATER WORKS TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	1.015	ST LAWRENCE RIVER	MUNICIPALITY
PLANTAGENET PLANTAGENET WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	1.120		MINISTRY
PLANTAGENET NORTH WENDOVER POLICE VILLAGE PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	1.120	OTTAWA RIVER	MUNICIPALITY
PRESCOTT MUNICIPAL PLANT SEPARATED TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	3.020	ST LAWRENCE RIVER	MUNICIPALITY
RENFREW MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	4.000	BONNECHERE RIVER	MUNICIPALITY
RIDEAU HILLSIDE GARDENS SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	1.117		MUNICIPALITY
ROCKCLIFFE PARK MUNICIPAL SUPPLY VILLAGE	AREA SCHEME SOURCE	1.000		MUNICIPALITY
ROCKLAND ROCKLAND WTP TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.800	OTTAWA RIVER	MINISTRY
SIDNEY RATAWA PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	1.140	TRENT RIVER	MUNICIPALITY
SMITH FALLS MUNICIPAL PLANT SEPARATED TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	6.000	RIDEAU RIVER	MUNICIPALITY
ST. ISIDORE DE PRESCOTT ST. ISIDORE DE PRESCOTT VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	1.060		MUNICIPALITY
STIRLING MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	1.580		MUNICIPALITY

SOUTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
TRENTON SPRING SUPPLY TOWN	GROUND SOURCE NO TREATMENT	3.300		MUNICIPALITY
TRENTON FILTRATION PLANT TOWN	SURF SOURCE PHYS & CHEM TRMT CHLORINATION	2.160	TRENT RIVER	MUNICIPALITY
TWEED MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.440		MUNICIPALITY
VANIER MUNICIPAL SUPPLY CITY	AREA SCHEME SOURCE	.000		MUNICIPALITY
VANKLEEK HILL VANKLEEK HILL WWK TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	.115		MINISTRY
WELLINGTON WELLINGTON WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.160		MINISTRY
WEST CARLETON HUNTLEY-JULIA SUBDIVISION SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.050		MUNICIPALITY
WESTPORT WESTPORT WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.054	UPPER RIDEAU LAKE	MINISTRY
WINCHESTER WINCHESTER WWKS VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	.382		MINISTRY

Northeastern Region

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REGIONAL OFFICE

SUDBURY

469 Bouchard St.

705-522-8282

DISTRICT OFFICES

North Bay

1500 Fisher St.

705-476-1001

Sault Ste. Marie

445 Albert St. E.

705-949-4640

Timmins

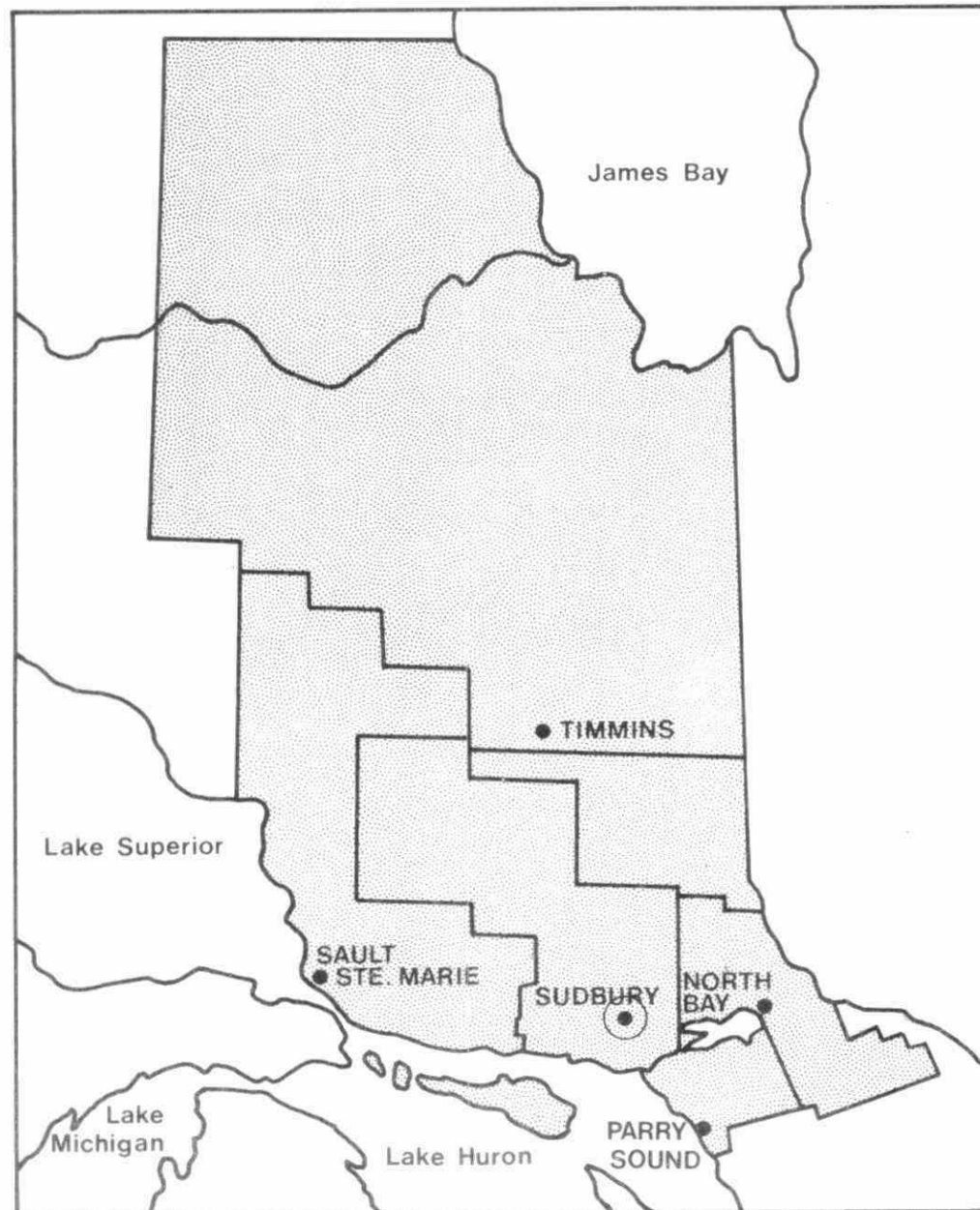
83 Algonquin Blvd. W.

705-264-9474

Parry Sound

74 Church St.

705-746-2139



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NORTHEASTERN REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MIGD) *</u>
GROUND SOURCE NO TREATMENT	20	17.100
GROUND SOURCE PHYSCL TRTMT	5	2.368
GROUND SOURCE CHEM TRTMT	2	6.060
GROUND SOURCE PHYS & CHEM TRTMT	2	2.150
SURFC SOURCE NO TREATMENT	25	77.841
SURFC SOURCE PHYSCL TREATMT	2	2.090
SURFC SOURCE CHEM TRTMT	1	2.400
SURFC SOURCE PHYS & CHEM TRTMT	12	42.255
AREA SCHEME SOURCE	6	
TOTAL MINISTRY OPERATED WORKS	19	19.915
TOTAL MUNICIPALLY OPERATED WORKS	56	132.349
TOTAL TREATMENT WORKS	75	152.264

* Note: All capacities are shown in millions of imperial gallons per day. ie; One million gallons appears as 1,000

NORTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
ARMSTRONG EARLTON SUPPLY TOWNSHIP	GROUND SOURCE PHYSCL TRTMT CHLORINATION	.070		MUNICIPALITY
ASSIGINACK MANITOWANING TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.085	MANITOWANING BAY	MINISTRY
BILLINGS KAGAWONG PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.015	KAGAWONG LAKE	MUNICIPALITY
BLACK RIVER - MATHESON HOLTYRE PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	.120		MUNICIPALITY
BLACK RIVER - MATHESON MATHESON PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	.280	WHITEFISH LAKE	MUNICIPALITY
BLACK RIVER-MATHESON RAMORE PLANT TOWNSHIP	GROUND SOURCE NO TREATMENT	.108		MINISTRY
BLIND RIVER MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION FLUORIDATION	.785		MINISTRY
BRICE MINES BRICE MINES WWKS TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	.108	L. HURON ST. JOSEPH'S CHNL	MINISTRY
BURK'S FALLS MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT	.245		MUNICIPALITY
CACHE RAY CACHE RAY WWKS TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	.220	TANNER LAKE	MINISTRY
CALDWELL VERNER PV TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	.233	VEUVE RIVER	MINISTRY
CAPREOL MUNICIPAL SUPPLY TOWN	GROUND SOURCE PHYSCL TRTMT	.500		MUNICIPALITY

NORTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
CHAPLEAU MUNICIPAL PLANT MUNICIPAL PLANT TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.400	KESQUASHING RIVER	MINISTRY
CORALT MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	3.200	LAKE SASAGINAGA	MUNICIPALITY
COCHRANE MUNICIPAL PLANT TOWN	GROUND SOURCE PHYS & CHEM TRTMT CHLORINATION	1.250		MUNICIPALITY
DYMOND MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION	1.244		MUNICIPALITY
ELLIOT LAKE MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	6.740	ELLIOT LAKE	MUNICIPALITY
ENGLEHART MUNICIPAL SUPPLY TOWN	GROUND SOURCE NO TREATMENT	1.720		MUNICIPALITY
ESPANOLA ESPANOLA WTP TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	1.500	ASPEY LAKE	MINISTRY
FAUQUIER TWP FAUQUIER TWP WTP TOWNSHIP	GROUND SOURCE PHYSCL TRTMT CHLORINATION	1.070		MINISTRY
FOLEYET FOLEYET MUNICIPAL PLANT UNORGANISED TWP	SURFC SOURCE NO TREATMENT CHLORINATION	1.144	IVANHOE RIVER	MUNICIPALITY
GLACKMEYER MUNICIPAL SUPPLY TOWNSHIP	AREA SCHEME SOURCE	1.000		MUNICIPALITY
GORE BAY MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	1.294	LAKE HURON	MUNICIPALITY
HAILEYBURY HAILEYBURY WTP TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.500	LAKE TIMISKAMING	MINISTRY

NORTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
HEARST MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	2.020	MATTAWISHKWINA RIVER	MUNICIPALITY
HILTON BEACH MUNICIPAL PLANT VILLAGE	GROUND SOURCE NO TREATMENT	1.010		MUNICIPALITY
TROQUOIS FALLS MUNICIPAL PLANT TOWN	GROUND SOURCE PHYS & CHEM TRTMT	1.900	ABITIBI RIVER	MUNICIPALITY
KAPUSKASING MUNICIPAL PLANT TOWN	GROUND SOURCE CHEM TRTMT CHLORINATION	2.160		MUNICIPALITY
KIRKLAND LAKE KIRKLAND LAKE AND CHAPUT HUGHES PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	12.400	GULL LAKE	MUNICIPALITY
KIRKLAND LAKE SWASTIKA PLANT TOWN	SURFC SOURCE PHYSCL TREATMT CHLORINATION FLUORIDATION	1.360	BLANCHE RIVER	MUNICIPALITY
LARDER LAKE MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	1.576		MUNICIPALITY
LATCHFORD LATCHFORD WTP TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.144	MONTREAL R	MINISTRY
LITTLE CURRENT MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	1.576	LAKE HURON	MUNICIPALITY
MASSEY MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	1.360	AUX SABLE RIVER	MUNICIPALITY
MATACHEWAN MUNICIPAL PLANT IMPROVEMENT DISTRICT	GROUND SOURCE NO TREATMENT CHLORINATION	1.040		MUNICIPALITY
MATTAWA MUNICIPAL PLANT TOWN	GROUND SOURCE NO TREATMENT	1.080		MUNICIPALITY

NORTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
MCDONIGALL NOBEL HAMLET SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	1.144		MUNICIPALITY
MCDONIGALL CIL PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	3.300	GEORGIAN BAY	MUNICIPALITY
MCGARRY VIRGINIATOWN AND KEARNS MUNICIPL SUPPLY TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	2.864	LARDER LAKE	MUNICIPALITY
MICHIPICOTEN TWP MICHIPICOTEN TWP WWKT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	2.440	WAWA LAKE	MINISTRY
MOONSONEE DEV AREA BD MOONSONEE WTP DEVELOPMENT AREA	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	1.150	STORE CREEK	MINISTRY
NEW LISKEARD MUNICIPAL SUPPLY TOWN	GROUND SOURCE PHYSCL TRTMT CHLORINATION	1.620		MUNICIPALITY
NICKEL CENTRE GARSON SUPPLY TOWN	GROUND SOURCE NO TREATMENT	2.660		MUNICIPALITY
NICKEL CENTRE FALCONBRIDGE TOWNSITE SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	8.000		MUNICIPALITY
NICKEL CENTRE CONISTON/ INCO SYSTEM TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	1.600	WANAPITET RIVER	MUNICIPALITY
NICKEL CENTRE SUDBURY-NICKEL CENTRE WTP TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	6.250	WANAPITET RIVER	MINISTRY
NORTH BAY MUNICIPAL PLANT CITY	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	22.000	TROUT LAKE	MUNICIPALITY
NORTH HIMSWORDTH CALLANDER WELL TOWNSHIP	GROUND SOURCE PHYSCL TRTMT CHLORINATION	1.108		MINISTRY

NORTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
ONAPING FALLS ONAPING SUPPLY TOWN	GROUND SOURCE NO TREATMENT CHLORINATION	1.040		MUNICIPALITY
ONAPING FALLS LEVACK SUPPLY TOWN	SURFC SOURCE CHEM TRTMT GROUND SOURCE CHEM TRTMT	2.400	ONAPING RIVER	MUNICIPALITY
PARRY SOUND MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	2.000	GEORGIAN BAY	MUNICIPALITY
POWASSAN MUNICIPAL SUPPLY TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.288	GENESEE CREEK	MUNICIPALITY
RATTER & DINNETT WARREN HAMLET SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	1.144		MINISTRY
RAYSIDE RALFOUR CHELMSFORD SUPPLY TOWN	AREA SCHEME SOURCE	1.000		MUNICIPALITY
SAULT STE MARIE MUNICIPAL PLANT CITY	SURFC SOURCE NO TREATMENT GROUND SOURCE NO TREATMENT CHLORINATION	16.000	ST. MARY'S RIVER	MUNICIPALITY
SHACKLETON AND MACHIN FAIRQUIER TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.120	GROUNDHOG RIVER	MINISTRY
SHEDDEN SPANISH PLANT UNORGANISED TWP	GROUND SOURCE NO TREATMENT	1.020		MUNICIPALITY
SMOOTH ROCK FALLS MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	4.170	MATTAGAMI RIVER	MUNICIPALITY
SOUTH RIVER MUNICIPAL SUPPLY VILLAGE	GROUND SOURCE NO TREATMENT CHLORINATION	1.240		MUNICIPALITY
STURGEON FALLS MUNICIPAL PLANT TOWN	SURFC SOURCE PHYSICAL TREATMT CHLORINATION	1.730	STURGEON RIVER	MUNICIPALITY

NORTHEASTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
SUDBURY COPPER CLIFF/INCO-VERMILION CITY	SURFC SOURCE CHLORINATION	10.000	VERMILION RIVER	MUNICIPALITY
SUDBURY MUNICIPAL PLANT CITY	SURFC SOURCE CHLORINATION FLUORIDATION	12.000	RAMSEY LAKE	MUNICIPALITY
TEMAGAMI OLD TOWNSITE PLANT IMPROVEMENT DISTRICT	SURFC SOURCE CHLORINATION	1.288	LAKE TEMAGAMI	MUNICIPALITY
TEMAGAMI NEW TOWNSITE PLANT IMPROVEMENT DISTRICT	SURFC SOURCE CHLORINATION	1.245	NFT LAKE	MUNICIPALITY
THESSALON MUNICIPAL PLANT TOWN	SURFC SOURCE CHLORINATION	1.730	LAKE HURON	MUNICIPALITY
TIMMINS PORCUPINE AND POTTSVILLE PLANT CITY	GROUND SOURCE CHLORINATION	1.274		MUNICIPALITY
TIMMINS SOUTH PORCUPINE PLANT CITY	GROUND SOURCE CHLORINATION FLUORIDATION	1.000		MUNICIPALITY
TIMMINS MUNICIPAL PLANT CITY	SURFC SOURCE CHLORINATION	6.000	MATTAGAMI RIVER	MUNICIPALITY
TIMMINS MOUNTJOY SUPPLY CITY	AREA SCHEME SOURCE CHLORINATION	1.000		MUNICIPALITY
TIMMINS SCHUMACHER SUPPLY CITY	AREA SCHEME SOURCE CHLORINATION FLUORIDATION	1.000		MUNICIPALITY
VALLEY EAST TWP BLEZARD VALLEY WSS TOWN	GROUND SOURCE CHLORINATION	3.900		MINISTRY
WALDEN CREIGHTON SUPPLY TOWN	AREA SCHEME SOURCE	1.000		MUNICIPALITY

NORTHEASTERN REGION

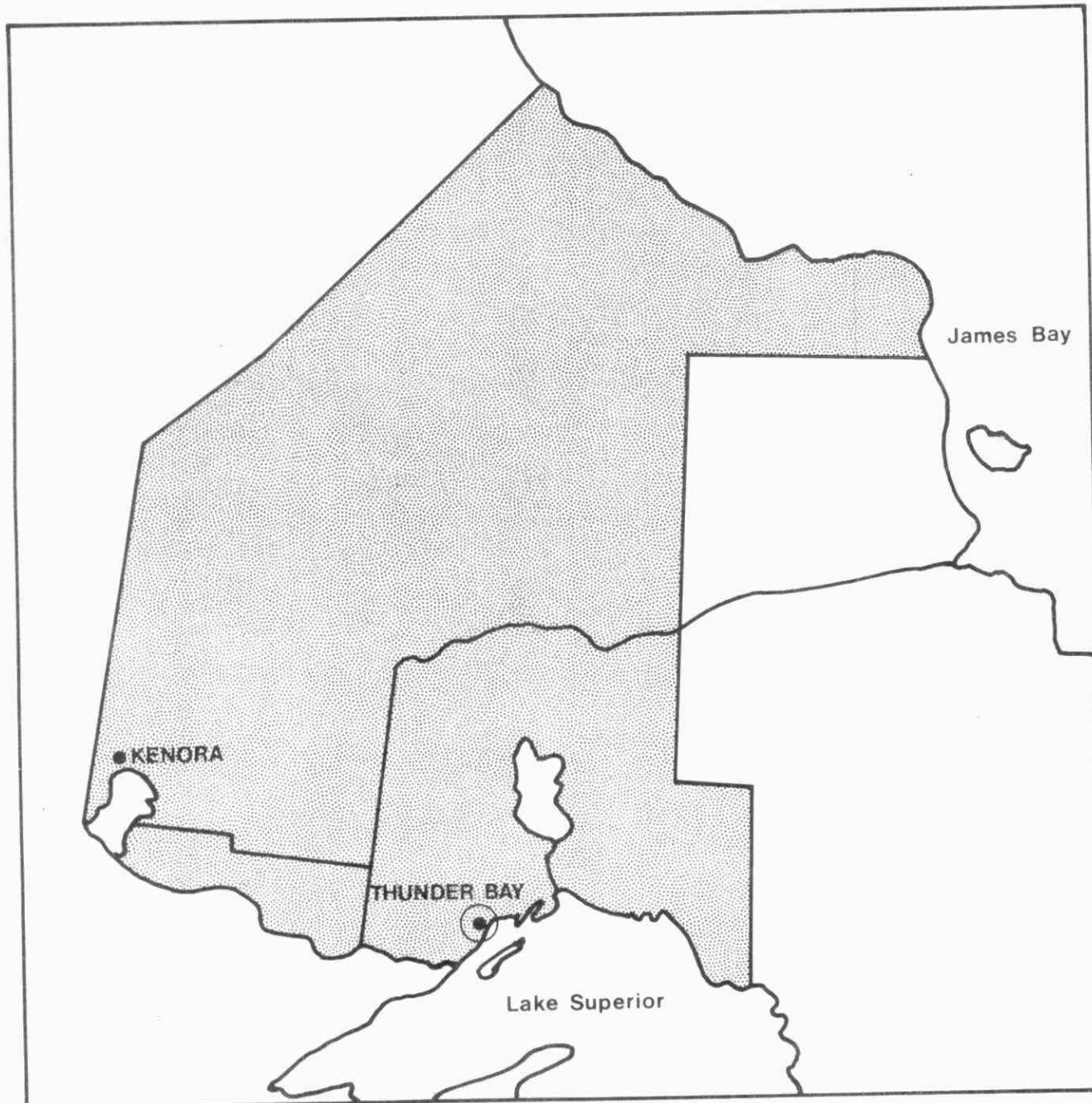
MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
WALDEN LIVELY SUPPLY TOWN	AREA SCHEME SOURCE	1.000		MUNICIPALITY
WHITE RIVER MUNICIPAL PLANT IMPROVEMENT DISTRICT	SURFACE SOURCE NO TREATMENT CHLORINATION	1.432	LITTLE TUKANEH LAKE	MUNICIPALITY
WICKSTEED HORNEPAYNE WTP TOWNSHIP	GROUND SOURCE NO TREATMENT CHLORINATION FLUORIDATION	1.650		MINISTRY

Northwestern Region

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REGIONAL OFFICE
THUNDER BAY
435 James St. S.
P.O. Box 5000
807-475-1205

DISTRICT OFFICE
Kenora
808 Robertson St.
807-468-5578



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NORTHWESTERN REGION SUMMARY

<u>TREATMENT TYPE</u>	<u>NUMBER</u>	<u>TOTAL CAPACITY (MTGD) *</u>
GROUND SOURCE NO TREATMENT	1	1.200
GROUND SOURCE PHYSCL TRTMT	1	1.150
GROUND SOURCE CHEM TRTMT	2	1.920
SURFC SOURCE NO TREATMENT	16	81.861
SURFC SOURCE PHYSCL TREATMT	2	.686
SURFC SOURCE PHYS & CHEM TRTMT	3	3.234
TOTAL MINISTRY OPERATED WORKS	7	4.660
TOTAL MUNICIPALLY OPERATED WORKS	18	85.391
TOTAL TREATMENT WORKS	25	90.051

* Note: All capacities are shown in millions of imperial gallons per day. ie. One million gallons appears as 1.000

NORTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
ATIKOKAN MUNICIPAL PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	3.100	ATIKOKAN RIVER	MUNICIPALITY
BALMERTOWN COCHFLOUR TOWNSITE PLANT IMPROVEMENT DISTRICT	SURFC SOURCE NO TREATMENT CHLORINATION	1.730	BRUCE CHANNEL (RED LAKE)	MUNICIPALITY
BALMERTOWN BALMERTOWN TOWNSITE PLANT IMPROVEMENT DISTRICT	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	2.600	SANDY BAY (RED LAKE)	MUNICIPALITY
CARAMAT MUNICIPAL PLANT UNORGANISED TWP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.104	CARAMAT LAKE	MUNICIPALITY
DRYDEN MUNICIPAL PLANT TOWN	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION FLUORIDATION	3.000	WABIGOON LAKE	MUNICIPALITY
EAR FALLS EAR FALLS WTP TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	1.250	ENGLISH RIVER	MINISTRY
EMO TWP EMO TWP WTP TOWNSHIP	SURFC SOURCE PHYS & CHEM TRTMT CHLORINATION	1.090	RAINY RIVER	MINISTRY
FORT FRANCES MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	7.600	RAINY RIVER	MUNICIPALITY
GERALDTON GERALDTON WWKS TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	1.700	CECTLE LAKE	MINISTRY
IGNACE IGNACE TOWNSITE SUPPLY TOWNSHIP	GROUND SOURCE CHEM TRTMT CHLORINATION	1.200		MINISTRY
KENORA MAIN PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	5.850	LAKE OF THE WOODS	MUNICIPALITY
LONGLAC MUNICIPAL PLANT TOWNSHIP	SURFC SOURCE PHYSICAL TREATMT CHLORINATION	1.340	LONG LAKE	MUNICIPALITY

NORTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
MACHIN VERMILLION BAY TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	1.300	EAGLE LAKE	MINISTRY
MANITOUWADGE MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE PHYSCL TRTMT	1.150		MUNICIPALITY
MARATHON MUNICIPAL SUPPLY TOWNSHIP	GROUND SOURCE NO TREATMENT	1.200		MUNICIPALITY
NAKINA MUNICIPAL SUPPLY IMPROVEMENT DISTRICT	SURFC SOURCE NO TREATMENT CHLORINATION	1.691	HOWARD CREEK	MUNICIPALITY
NIPIGON MUNICIPAL PLANT TOWNSHIP	SURFC SOURCE PHYSCL TREATMT CHLORINATION	1.346	NIPIGON RIVER	MUNICIPALITY
RAINY RIVER MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION	2.160	RAINY RIVER	MUNICIPALITY
RED LAKE RED LAKE WWKS TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	1.400	SKOOKUM BAY (RED LAKE)	MINISTRY
RED ROCK MUNICIPAL PLANT IMPROVEMENT DISTRICT	GROUND SOURCE CHEM TRTMT CHLORINATION FLUORIDATION	1.720	NIPIGON BAY (L.SUPERIOR)	MINISTRY
SCHREIBER MUNICIPAL SUPPLY TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	1.500	COOK'S LAKE	MUNICIPALITY
SIOUX LOOKOUT MUNICIPAL PLANT TOWN	SURFC SOURCE NO TREATMENT CHLORINATION FLUORIDATION	1.080	PELICAN LAKE	MUNICIPALITY
TERRACE BAY MUNICIPAL PLANT TOWNSHIP	SURFC SOURCE NO TREATMENT CHLORINATION	22.400	LAKE SUPERIOR	MUNICIPALITY
THUNDER BAY LOCH LOMOND PLANT CITY	SURFC SOURCE NO TREATMENT CHLORINATION	16.000	LOCH LOMOND LAKE	MUNICIPALITY

NORTHWESTERN REGION

MUNICIPALITY	TREATMENT TYPE	CAPACITY	WATERCOURSE	OPERATED BY
THUNDER BAY BARE POINT PLANT CITY	SHREC SOURCE NO TREATMENT CHLORINATION	15,500	THUNDER BAY (L. SUPERIOR)	MUNICIPALITY

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