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Watergate Technical Information

Wilkinson Watergates have been installed in the province of Ontario since 1997 with great success as both stormwater quality and spill control units. Our list of Watergate clients include such respected organizations as Hydro One, The Greater Toronto Airport Authority, The Canadian National Railway, The Canadian Coast Guard, Environment Canada, Ontario Parks, Molson Breweries of Canada, Weston Foods, Chrysler Canada and a host of others. Municipalities such as the cities of Toronto, London, Guelph, Kingston, Hamilton and Mississauga among others have also joined our client roster.

The appropriate Certificate of Approval by the Ministry of the Environment was given for all the installations mentioned above that required them. Additionally in 2006 Wilkinson entered into a contract with Hydro One for the manufacture of over 100 large Oil/Water Separator and Spill Control vessels for their transformer stations across Ontario. The Wilkinson Watergate is the standard oil/water separators for all Hydro One transformer stations as well as all CN Rail yards and Chrysler dealerships in Ontario. It is also used by Pearson Airport at fueling stations and had been implemented as a replacement for forebay requirements.

The Wilkinson Watergate was Designed to fit the following Criteria:

- Accept and process 100% of the pipe (or Minor) flow with no by-pass
- Remove 80% of T.S.S. particles larger than 20 microns
- Remove free oil globules larger than 150 microns or a concentration greater than 15ppm, in the case of oil removal
- Accept and process T.S.S. flow rates ranging from 43 litres/sec. to 1400 litres/sec depending on model
- Capture floatable debris without clogging
- Watergate chamber is cast monolithically (walls, floor and roof) as a one piece unit to ensure water-tightness and eliminate infiltration when placed in a high water table area.
- Complete removal of all contaminants and debris is easy done through access openings. (not trapped underneath disc type separators or among various metal appurtenances)

Past monitoring results facilitated by Hydro One have consistently shown that the performance of the Watergate design exceeds the present provincial requirements where stormwater treatment and oil separation are concerned.

In addition, the research and development for the Watergate began with Mr. John Tran along with Dr. T. Edmund from the Ministry of the Environment, and was closely associated with the Toronto Remedial Action Plan. Municipal requirements for design, installation and maintenance have been incorporated into our models as well, drawing from our 60 years of service to the municipal field.

Our involvement in the Municipal arena is not restricted solely to the supply of products. Mr. Jim Wilkinson currently is a member of the Building Code Commission appointed by the province of Ontario. Jim Wilkinson and Matthew Wilkinson have also been members of multiple CSA technical committees.

As a company we not only believe our craftsmanship and support with planning, engineering, design and installation sets us apart from the competition, but the proven performance of our product speaks for its self. We hope that this letter has answered most of your questions and concerns. However if you have any further inquiries or need details regarding our Watergate models please do not hesitate to contact our office at the numbers provided.

Please contact the factory if you have any questions.

Sincerely

A handwritten signature in black ink, appearing to read 'M Wilkinson', written in a cursive style.

Matt Wilkinson

President

Wilkinson Heavy Precast Ltd.