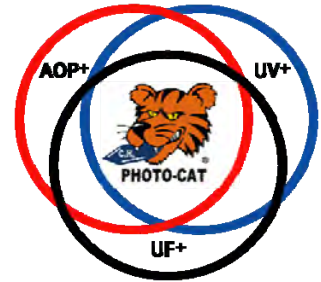


# Introducing a Revolutionary Change in Municipal Water Treatment!

Join us as we open our doors and see in operation:

- The first integrated Multi-Barrier Drinking Water Purification System with NSF 61 Certification
- The highest capacity self cleaning Ceramic Membrane System in North America with 25 year life
- A sustainable, reject free, chemical free process to solve the challenges of ecoli, crypto, bacteria, viruses, colour, taste, odour, key metals and the issues of emerging chemical contaminants of concern like EDC's and PPCP's



This revolutionary Photocatalytic Reactor Membrane System has been developed to meet the Municipal needs and capacity for drinking water and water reuse. It is the result of several million dollars of private sector Research & Development.



Take advantage of this informal opportunity to view the equipment while in operation. Learn about its validation and capabilities to provide economic and environmental advantage for water purification in the 1 to 30 MGD range. Understand why this process called Photo-Cat will displace conventional membrane, chemicals and UV technologies.

Product fact sheet available upon request or visit our web media centre.

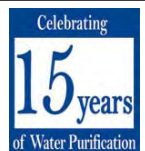
## Open House Details:

**Date:** Friday, November 21, 2008  
**Time:** 11:00 AM - 4:00 PM  
**Location:** 340 Sovereign Road  
London, ON N6M 1A8

A proud member of the following:



340 Sovereign Road, London, ON Canada, N6M 1A8  
Ph: 519.473.5788, [info@Purifics.com](mailto:info@Purifics.com), [www.Purifics.com](http://www.Purifics.com)



RSVP by November 14, 2008 to [admin@purifics.com](mailto:admin@purifics.com), or call Bonnie - 519-473-5788 x221.  
If you cannot attend the open house, but would like make other arrangements, contact Bonnie.

# Fact Sheet:

## Photo-Cat Municipal Water Treatment System

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### Capacity as Built

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- Design 8.8 ML/day (2.2 MGD)
- Rated 6 ML/day (1.5 MGD)
- Expandable 32 ML/day (8 MGD)
- No Reject Stream
- UF Flux up to 2000 gal/ft<sup>2</sup>/day

### Physical Data

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- Dimensions: 7mx9mx2.5m (24'x30'x7')
- Area 63m<sup>3</sup> (680ft<sup>3</sup>)
- Density (Foot Print) > 90 m<sup>3</sup>/day/m<sup>2</sup> (> 2000 gal/day/ft<sup>2</sup>)
- Accepts 150 psi Line Pressure

### Direct Operating Costs

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- 5¢/m<sup>3</sup> (20¢/1000gal), Full Capacity - Standard Treatment

### Performance & Purified Water Quality

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- <0.1 NTU
- <12 nm Particulate
- >5 Log Removal of Bacteria
- >7 Log Removal of Viruses
- Reduced THM & HAA Potential
- EDC & PPCP Toxicity Removal to <1 ppt
- Metals Removal – Fe, Mn, Pb & Hg
- Bromate Prevention & Reduction
- 1,4-dioxane to <4 ppt
- Taste, Odor & Color Removal
- NDMA Destruction
- Disinfection Capability of <1cfu/100ml (4.1 Log Removal) at 3% UVT (Detection Limit)
- Continuous Integrity Testing
- No Reject Stream
- No Chemicals

### Service Interval

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- 2 Years or 16,000 hours (Drinking Water)
- Full Remote Monitoring & Control
- Membranes – None – 25 Year Life
- Lamps 16,000 – 40,000 hours

### Availability

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- Purchase, Lease or Design/Build/Own/Operate/Maintain

# Purifics

SELF GUIDED TECHNOLOGY TOUR

