

STORMWATER TREATMENT PROJECT PROFILE

TSS & Phosphorus Reduction



www.clearflowgroup.com



TSS REDUCTION



WATER LYNX™ GEL BLOCK FLOCCULANTS

LOCATION:

Town of Innisfil Subdivision, Ontario, Canada

CLIENT NEEDS:

The municipal client was searching for an innovative Total Suspended Solids (TSS) Mitigation Strategy on a newly constructed subdivision. The objective was to increase water quality in the Stormwater facility before discharging to a downstream lake.

CHALLENGE:

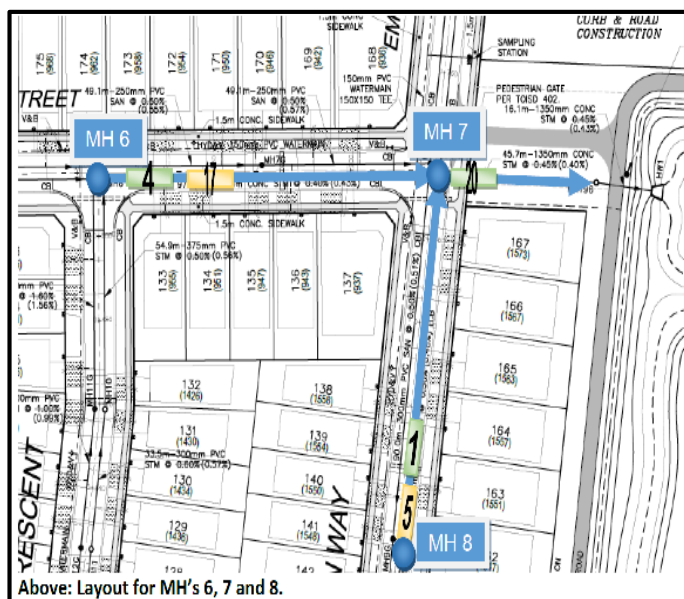
Provide an environmentally safe, effective and efficient treatment methodology for TSS reduction to maintain water quality for downstream aquatic life.

SOLUTION:

Clearflow's Patented Water Lynx™ Gel Block Flocculant were installed in situ within existing stormwater pipes. The passive flocculation treatment system was strategically located upstream of the existing water management ponds. During normal low to medium flows, sediment laden water (high TSS) flowing by the gel block flocculant system, accelerated the process of colloidal sedimentation.

EQUIPMENT:

Water Lynx™ Gel Block Flocculants



Source: Greenland Engineering

LEGEND	
Yellow Water Lynx 494 & amount	
Green Water Lynx 360 & amount	
MH #	
MH	
Direction of Flow	



UNIT 140, 134 PEMBINA ROAD
SHERWOOD PARK, ALBERTA
T8H 0M2 CANADA | 780.410.1403

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Group Inc.

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NOTES:

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Environmental Services Association of Alberta



Canadian Council for
ABORIGINAL
BUSINESS



 **COMPLYWORKS**
Get ready to work.

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