



WETLAND TREATMENT SOLUTIONS

MSR® Technology
Award Winning Engineered Wetlands for Wastewater Treatment

Engineered Wetland Studies

50% OFF at FCM Conference

100% Sustainable Wastewater Treatment Systems

How to get started:

We can customize our engineering services to your needs, contact us to get started. Matthew@wts-msr.ca

For the FCM 2023 Conference we are offering a 50% reduction for clients confirming a study request, speak to one of our booth representatives. With registering your interest, you will have up to 2 months to confirm with a PO or Authorization. We apply to FCM for you to get 50% funding, and even if funding is not achieved, we will provide the study as if it was funded 50%, so you pay only 50% it is our Guarantee.

We expect all our studies and design work, will qualify for FCM funding of a 50% grant, up to a max. of \$175,000.

Pilot Projects will qualify for FCM funding of 50% grant or up to 80% for a max. of \$500,000.

Capital Project will qualify for FCM 15% grant and \$5M low interest loan, and Federal NIF Projects up to \$1- 3M Grants. We can make all your applications to FCM or NIF for you, for a nominal service fee.

Standard Studies and Scopes of Work:

Our engineered wetlands are proprietary in nature and are not provided by any other engineering firms.

No other firms provide this advanced Wetland Technology – with World Class & World First Treatment Systems.

Our studies vary in cost based on complexity and level of details, with and without site visits, depending on your needs.

Desktop Study: Concept Design and Cost Estimate

Cost - \$20,000 at FCM \$10K

This is the most basic study to determine if an engineered wetland treatment system is a solution for your community. We will assess your current conditions and the levels of treatment required, estimate your design values, or work with existing data and determine if an engineered wetland can provide a solution. We will provide a concept of the required system and provide a preliminary cost estimate +/- 50%.

Feasibility Study: Stage 1 - Preliminary Design and Cost Estimate

Cost - \$50,000 at FCM \$25K

This is our most popular starting scope of work. It will provide a preliminary design based on loadings and limits. We will assess your town's infrastructure, and through a site visit determine possible locations where our wetland system can provide the best advantage. The report will provide a preliminary engineering design with an evaluation of possible locations. We will provide a preliminary design with drawings, and a preliminary cost estimate +/-25%.

Feasibility Study: Stage 2 - Preliminary Design and Cost Estimate, with on-site investigation. **Cost - \$85,000 at FCM \$42.5K**

This study will include all work in the Stage 1 study and will expand on this work to provide and consider a greater and broader variety of options with a higher level of detail and accuracy in all aspects including costs. We will also consider centralized and decentralized concepts. The scope of work can include stormwater, wastewater, sludge treatment and where replacement or enhancement of current infrastructure can be improved with the implementation of an engineered wetland. Site assessment during a site visit will be performed, with a presentation of our final report to council including cost estimates +/- 15%.

Feasibility Study: Stage 3 - Detailed Preliminary Design and Cost Estimate **Cost - \$150,000 at FCM \$75K**

This will include all work in the Stage 1 & 2 study and will expand on this work to include an evaluation of the Carbon Offsets that could be achievable from such a system. This report will again provide a higher level of detail and accuracy in all aspects including a Life Cycle Cost Estimate of our wetland treatment system. If a community wishes to sell its Carbon Offsets this report will evaluate the possible revenue with our team at Carbon Zero to provide the best possible up to date information on the Carbon Market. This will be incorporated into the Life Cycle cost estimate to provide your town with the financial tangible benefits of choosing a Natural Green Innovative Wetland Technology that can generate revenue for your community. Site assessment and site visits will be performed throughout the study with a presentation of our final report to council. Engineered detailed drawings and costs estimates +/- 10% will be provided.

Specialty Study and Pilot Project:

Specialty studies can be tailored to your needs and include various scopes of work to meet your special interests. Pilot work can be initiated separately or after a favorable result from any of the feasibility studies.

How to Proceed: Contact us, send a request, or start a discussion.
A deposit of 50% is required by the client to start a Desktop or Stage 1 Study.
A deposit of 25% is required by the client to start a Stage 2 or 3 Study.

We hope you find this document informative and the conditions and details are sufficient for your review. Please contact us if you have any questions - we feel the only bad question is one not asked.

We look forward to hearing back from you, and hopefully with an approval to proceed.

Regards:



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