



Combined strength

WetlandsPacific Corp.'s new Nayadic M6-Evolution is an all-in-one pre-treatment, treatment and dosing tank perfect for small camps. It is made of heavy-duty fiberglass for long life, making it both lightweight (550kg) and compact (2.1m high x 2.6m long x 1.7m wide). The 0.5-hp high-head pump uses a maximum of 110/230V



9.5A/4.6A, and the air compressor is rated at 110/230V, 100 W. It treats 1,890 litres per day of camp domestic wastewater, producing a clear, odourless effluent that meets biochemical oxygen demand/total suspended solids

(BOD/TSS) 10/10 mg/L standards. To complete the wastewater cycle, all that is needed is a dispersal field or wetland. Ultraviolet treatment and custom field/wetland designs are available. "Compact size, ease of installation, rapid start-up, very high reliability and superior treatment ability make for a practical solution for smaller camps, both temporary and permanent," says Curt Kerns, president and COO, WetlandsPacific Corp.



Good gas guzzler

Treatment of petroleum-contaminated wastewater just got easier thanks to **Cypher Environmental**'s latest UltraZyme Hydrocarbon Powder. "What sets UltraZyme Hydrocarbon Powder apart from the competition is that it consists of both enzymes and bacteria," says Cypher Environmental president Todd Burns. "Enzyme-only or bacteria-only products, can produce mixed results." The bacteria and enzymes work in synergy to digest hydrocarbons. With a cycle time of around three weeks and the ability to resist toxic shocks, this powder gives customers more control, eliminates "eyesores" that trouble regulatory authorities, treats contamination on-site instead of relocating the problem, and is equally effective in salt and fresh water, across a broad range of pH levels and temperature ranges.

Soft water for heavy oil

Eco-Tec's new RecoPur Super-Softening Technology is designed for oil sands companies that depend on produced water or low-quality well water in thermal extraction techniques. "Since Eco-Tec introduced its RecoPur technology, our clients have been pleased with the performance and safety associated with our systems," says Mike Dejak, vice-president, business development, Eco-Tec. "But they also expressed a need to produce soft water with very low hardness, which helps reduce steam generator fouling, especially when the produced water has higher silica concentrations. Now, clients can realize the benefits of consistently feeding low hardness water to steam generators without compromising safety or economics. Super-Softening Technology also paves the way to eliminating the very costly silica removal processes commonly used in Alberta SAGD operations since very low hardness may offset high silica in steam generator feed water."

