

Technology Provider:

E.P.C. Ltd
Onsite Wastewater Solutions

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Innovation: EPC is an innovative decentralized wastewater treatment technology developed in Israel. The technology is appropriate for small communities and is a cost effective way of aerobically treating municipal wastewater when size constraints and soil conditions are problematic given stringent effluent requirements.

Demonstration: The project will require constructing a collection system, establishing appropriate discharge standards and locations, constructing an EPC treatment system, and operating the system throughout the demonstration period.

Source of Funding to Date: Michigan Economic Development Corporation (MEDC) has provided \$90,000 to assist in establishing a demonstration project. Additional grant funding is being sought. The balance of demonstration project funding would be supplied by the local unit of government.

Currently H₂Opps is in discussions with five communities, (Highland Twp., Springfield Twp., White Lake Twp., Leonard and St. Clair), all interested in this technology to solve their specific waste water treatment issues.

Consistent with H₂Opps Business Model: This project is consistent with H₂Opps Business model. EPC and H₂Opps have supported the establishment of a US based joint venture to deliver EPC technology to the US market. H₂Opps is interviewing potential Michigan based businesses to partner with EPC. H₂Opps will receive repayment from the US based venture.

Jobs Creation Potential: The project presents a tremendous economic growth opportunity on a number of fronts. First, the lack of adequate sewage treatment has prevented the redevelopment of a number of other small communities throughout Michigan and the US. The proposed American operations of EPC in Michigan could provide service to many small communities across the state and the rest of the country. Initially, EPC will establish a sales and marketing presence but will quickly launch manufacturing operations since transporting equipment from Israel increases costs. EPC proposes to begin with four full-time employees and plans to grow to twenty when manufacturing begins.