



**SWW Energy Limited**



**ASX: SWW**

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Company Announcements Office  
Australian Securities Exchange  
Level 4 Exchange Centre  
20 Bridge Street  
Sydney NSW 2000

## **ASX Announcement**

### **Initial Results from Waste Water to Biodiesel/Biofuel Testing**

Diversified energy company, SWW Energy Limited (ASX:SWW) (**SWW** or the **Company**) is pleased to advise as to initial results from its waste water to biodiesel/biofuel testing. SWW announced earlier this year that it was working with its US partner, White Mountain Group LLC, on a series of tests to be conducted by Ridgeline Energy Services, Inc. (**Ridgeline**), to determine whether waste water containing a polymer (primarily vegetable and petroleum based) oil can be successfully refined into a fuel base to be further refined into biodiesel or a biofuel. White Mountain directed SWW to Ridgeline due to its Electro-Catalytic technology for treating waste water sources.

The evaluation process involved the sourcing of appropriate waste water, processing and independent testing including fuel quality testing. Make up water was processed, with refined materials that can be converted to fuel base identified. Each waste water sample was representative of waste streams commonly found in developed, populated areas, including Interceptor waste water, transported non-hazardous water sources, and sump waste water (typically found at car washes and other locations).

Initial test results have confirmed that the test samples are compatible with Ridgeline's electro-catalytic technology. The resulting water testing showed reductions of Total Dissolved Solids, Total Suspended Solids and other contaminants by up to 90% and that the valuable waste materials were 100% removed and recovered from the sample solution.



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Ridgeline completed testing and evaluation of sample solutions at its Santa Fe Springs California laboratory and in Scottsdale, Arizona.

Initial observations from the water sample show usable effluent and that material that could be converted to a fuel at 6% of the total solution, with a Btu range of 110,000 per U.S. Gallon. The viscosity was observed to be compatible with reciprocating diesel or direct fired steam applications.

All test results were verified through Martin Laboratories, a certified independent laboratory located in Midland Texas.

SWW will continue with further testing, evaluation of test results and consideration of applications of Ridgeline's electro-catalytic process and report to the market in due course.

#### **Evaluation of Energy and Mineral Resource Opportunities**

In addition to its renewable fuels activities, the Company has allocated part of its working capital budget to the identification and evaluation of new mineral resource opportunities in Australia and overseas. In this regard the Company is actively reviewing a number of potential acquisitions across a number of types of minerals as well as oil and gas opportunities. No decision to invest in any of the projects currently being reviewed has been made at this stage.

#### **SWW Energy Limited**

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