



Executive Summary of Aquaponics Greenhouse Initiative,

Moose Jaw- Saskatchewan's Greenhouse, "Growing your Food"

Backgrounder

Moose Jaw has led the way in the Greening of Saskatchewan with its Geo thermo tourism initiative over 30 years ago. Further back Moose Jaw innovated to replace conventional fossil fuels to heat their civic swimming pool 3/4's of a Century ago. In the Green movement Moose Jaw understands that green power can feed the world by supporting Saskatchewan's first Aquaponic Greenhouse Initiative.

Who is leading this project?

Mrs. Zhu and her team. Mrs. Zhu originally from China launched her Agricultural footing in Canada by investing in a 10,000-acre farm near Kayville Sask. Currently the President of the Canada-China Agricultural Assoc. she exerts positive energy by seeking new and innovative Agricultural techniques to increase productivity while caring for the environment. Her career in China saw her as a researcher and instructor at the post-Secondary level. For this project she has drawn on research originally pioneered in Alberta, then transferred to China and back to the US. Today a 300-thousand-foot facility runs in the State of Wisconsin. Mrs. Zhu has pulled together a powerful team with strong business and government relations both in Canada and China. She now wants to establish a high yielding Aquaponics facility in Moose Jaw hopefully using Geo thermal as the key heat source. She hopes to build a 15k size facility.

What is Aquaponics

It is the happy marriage of Aquaculture and Hydroponics. The two technologies work with one another to create an ongoing growth system creating two products, "Produce and Fish". The system as shown above is dependent on both fish and plants. The plants on top provide the fish food, the waste from the fish and dead plant material at the bottom are carried by water to the top nourishing the plant life. It is a complete cycle of growth one helping the other. This facility will use Geo thermo and Solar systems to supply its energy needs. Mrs. Zhu hopes to use Mi Energy of Saskatoon a leader in both to develop these systems.

Where will this happen?

The project will be located in the Moose Jaw community area with good access to the Geo thermo source below already proven in Moose Jaw with the Spa.

Why is this needed?

Saskatchewan is world leader in the production of food. China has a food security issue as do many other countries. The demonstration of a completely environmentally friendly agricultural facility carbon neutral will open new frontiers for both the producer and consumer. Not to mention launching new careers in Moose Jaw and training at Sask Polytechnical in Aquaponics.

When

The project assessment phase is underway now. Locations are being examined and financial support is coming together from Mrs. Zhu's investor team.

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