RED RIVER VALLEY SUPPLY PROJECT

OBJECTIVE – is to have ample water for the cities along the Red River, during a drought period that could last for 5 months or more. Clean up the environment and protect our #1 most important resource . . . water.

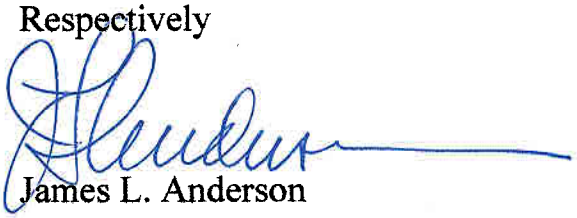
VISION – Design and develop both portable and permanent "Filtration Modules". These filter modules would be placed in the proximity of creeks, rivers, and lakes. Their purpose would be to filter the water [meeting specific testing requirements] from these sources, and pump the water to adjacent aquifers.

The "Filtration Modules" would require minimal maintenance [automatic backwash] and would use electric motors powered by batteries that will be charged using solar panels or "wind" turbines. The media for the "Filtration Modules" [carbon] could possibly be recycled and used as a soil additive [more research] for farming. The carbon will contain nutriments, retain moisture, and prevent soil compaction. The other most common alternative in recycling carbon is to reactivate it and reuse. Determine the volume of water used for each aquifer to supply municipal, rural, and irrigation. The number of modules needed would exceed normal use, striving for a surplus of water to be stored in the aquifer. Approximate size of a single "Filtration Module" would be 7 1/2' in diameter and 4' high. Approximate filtration capacity will be 8.6 million gallons in 30 days.

Aquifers in North Dakota would be used for water storage. Aquifers will have to be categorized as "confined" or "unconfined". "Unconfined" aquifers should have their specific water sources identified [field run off, creeks, streams, rivers, and commercial holding ponds] and pre-filtered by a filter module because of the vulnerability to pollution. We need to know all the capacities and test results for the aquifers. Example: Horace Aquifer is very high in nitrates >900ppm. Find contamination and filter source. Aquifers with high sodium content could be diluted using filtered water.

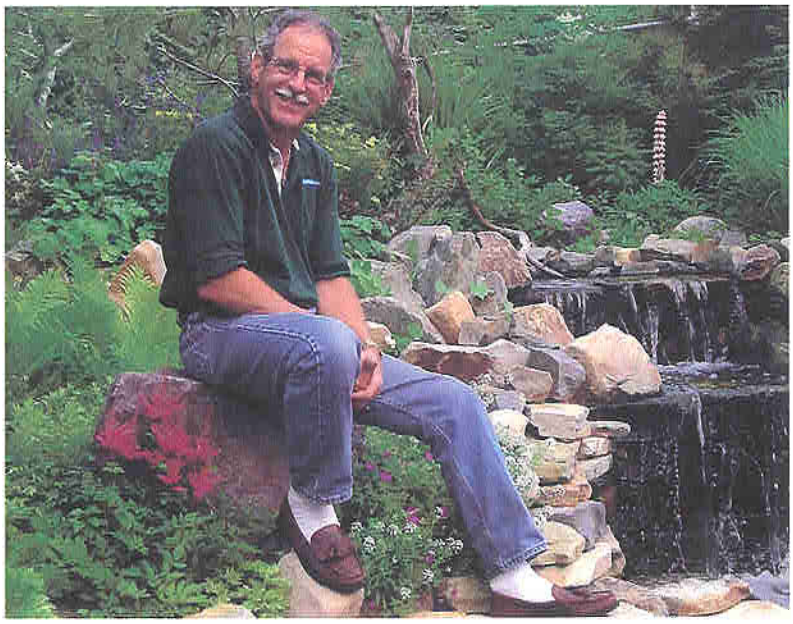
GOALS – the goal that could be achieved for North Dakota and its citizens would be two-fold, clean up the environment (water pollution) and have a safe water supply during a drought. The funding for such a project, using "Filtration Modules" and storing clean pure water in aquifers (using our existing water supply) from creeks, rivers and lakes would be more effective and serve a greater portion of North Dakota's population. Additional funding could also be achieved by issuing more water permits for the aquifers, knowing that water capacities are maintained using the "Filtration Modules".

Respectively



James L. Anderson
President
PONDFiltraion, Inc
2717 3rd Avenue North
Fargo, North Dakota 58102
www.pondfiltration.com
e-mail - janderson@pondfiltration.com

Something's fishy at PondFiltration



Jim Anderson enjoys his backyard stream.

About 12 years ago, Jim Anderson stumbled on an idea to help his Apple Valley, Minn., landscaping business get a boost Looking for something to vary his company from those that surrounded his location, he found water gardening, the increasingly popular activity of landscaping with ponds, streams, waterfalls and friendly fish.

The idea was to diversify, and it definitely worked. While Anderson and his friends at Minnehaha Falls Nursery took off with the idea, their customers ran into a problem. Try as they might, ponds were turning green. Though it wasn't an operations problem, it was an eyesore to many a customer.

"So I tried a couple of filters that were out there, and they didn't seem to work," Anderson remembered. "But when I tinkered around and put together my own, the ponds cleared up, and in three days."

Now, Fargo-Moorhead pond enthusiasts can benefit from the education and experience offered through PONDFiltration, the end result of Anderson's "tinkering." He applied for a patent back in 1991, and established the PF Series of filters for outdoor water gardening. The company has now consulted on more than 35,000 ponds nationwide, cleaning out algae and other invaders that keep ponds from looking their best.

Anderson moved the company to Fargo in a quest to "come home," and currently operates out of the business at 2717 3rd Ave. N. There, he and his team assemble the PF series of pressurized compact filters that can service ponds from 50 gallons in content to more than 30,000 gallons.

PONDFiltration can be involved in every step in the creation of a backyard oasis. Anderson has experience in installing ponds, and will be teaching a Moorhead Adult Ed class on April 21st. He traveled to Texas, and was one of eight people invited to give a seminar on how to install a new system of "spray in" ponds, where a landscaper can dig the pond out (the smallest, due to cost and logistics would be about 10,000 gallons) and then spray in a high-tech liner that can't be harmed by nature. He even stocks his own fish, the popular friends that have made Anderson well known as "the "Fishman."

"It literally is one of those 'start out of your garage stories,' which means we've been there for every innovation along the way," he said. "We came in on the ground level."

Once the ponds are set up, and water is flowing, ponds need help to keep both fish and the gardener happy. A filtration system is mandatory, and Anderson has developed a pressurized filter that can keep out the green (a No More Green Water Guarantee is included with each filter) for a pond of any size. Other accessories, such as re-circulating vacuum systems and UV systems, are great for cleaning out debris (such as leaves) and killing algae in suspension.

"The attraction of water is amazing," Anderson said. "It's like a fireplace in the winter, you can just sit and look at it (the pond) for hours. The fish are everyone's favorites. They become pets. I know that's what they are for me. All of mine have names."

Anderson's backyard pond is gigantic, and he would have made it bigger if it wouldn't have been for his swimming pool, right alongside of it. He can hop into the pond and swim with his fish, some of which weigh up to 18 pounds.

"They're the greatest. They have their own personalities. I love to go out and snorkel with them," Anderson said. "It's like being at the lake without the noise of the boats."

Speaking of swimming pools, PONDFiltration is also experienced in servicing and supplying the equipment needed for outdoor and indoor pools. So if you're not into water gardening, the expertise developed by Anderson and friends over the last 30 years is still useful to the pool owner.

Another aspect coming to outdoor gardening, which Anderson said is working its way east, is the "G"-Scale trains. Outdoor train sets, which have their own magazine, called "Garden Railways," are growing in popularity. Trains, cars and tracks can be set up outside to run through gardens and over streams and ponds, so they're right up Anderson's alley.

"We're going to start carrying the train lines in our store, and we'll have them in display cases so people can stop by and check them out," he said. "They're perfect for around the pond, and we can tie them into the great railroad systems of the Midwest."

What sets PONDFiltration apart is its commitment to service. Customers can call, or walk into the store, and Anderson is there to help them through every step. If they're having a problem with a filter fitting, he can send the part, already assembled, and get the customer off on the right foot.

"Our products evolved, literally by talking to people," Anderson said.

For more information, call (701) 365-4240 or stop by their north Fargo location where Anderson can even show off the fish. You can also check out PONDFiltration online at www.pondfiltration.com.