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Friday, February 17, 2006

Ms. Kathy Voeck – Assistant Zoning Administrator  
Department of Planning and Development  
100 Municipal Building  
215 Martin Luther King, Jr. Blvd  
Madison, Wisconsin 53701-2984

Subject: Madison Water Utility  
Felland Road Reservoir  
**Conditional Use Permit Application – Letter of Intent**

Dear Kathy:

We are writing to inform you of our intent to construct a 6.0 million gallon ground level post tensioned concrete reservoir at our property on Felland Road. The proposed reservoir will provide needed storage capacity to our main pressure zone and to the area east of the interstate highway and north of Highway 30. As with any gravity operated water storage reservoir, this reservoir will provide water during peak demand hours of the day, water for fighting fires in the Utility's main pressure zone in the northeast corner of the City, and water for emergency's such as power outages or equipment breakdowns. Having stored water available that can feed the system by gravity is key to system reliability and redundancy.

The reservoir will also provide stabilization to the water pressure provided to the east side of the Utility's main pressure zone. Currently customers in that area experience pressure swings during the day of 10 to 15 psi that results in periods of very low pressure. Having a large water reservoir will buffer the pressure swings and stabilize pressures to these customers.

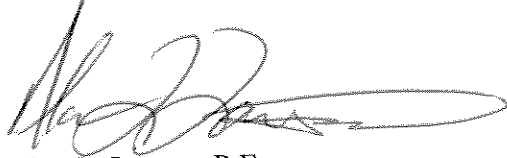
The site was selected and purchased in 1999 due to its ground elevation and proximity to the northeast portion of our main pressure zone. To operate effectively, the maximum tank water level elevation will be set at 1085. Ground level concrete reservoirs typically have a sidewall height of 30 to 40 feet. Bedrock at this site is at elevation 1055 and makes it ideal for a water storage reservoir.

The facility will consist of the concrete tank and a small control/monitoring building. The building will house electronic monitoring equipment that will allow the Utility to monitor reservoir operation and water quality remotely. The building will also have sample taps that will be used to take regular gab samples for DNR compliance testing. Once constructed, no Water Utility personnel will be located at the site. A Water Utility employee will visit the site daily for less than an hour to check the facility and equipment and to take water samples.

This facility is a key infrastructure component to providing water service to the east side. This facility is in the Utility's approved Water Master Plan Capital Improvement Program. We appreciate your assistance in moving this project forward and look forward to your approval. If you have any questions please feel free to call me at 266-4653 or contact our Consultant, Ravi Jayaraman at Clark Dietz 262-657-1550.

Sincerely,

**MADISON WATER UTILITY**

A handwritten signature in black ink, appearing to read 'Alan L. Larson', with a large, sweeping horizontal flourish extending to the right.

Alan L. Larson, P.E.  
Principal Engineer - Water