

Memorandum

To: City of Mitchell
From: FYRA Engineering
Re: Lake Mitchell Update
Date: 1 April 2017

1 UPDATE ON PROJECT TASKS

A. THIS MONTH'S PROJECT TASKS

- Work on the lake water budget is progressing on-schedule and is ongoing.
- The framework for the watershed model (STEPL) has been created, sub-watersheds are being established and model assumptions are being defined.
- Two presentations (one each for the TAT and WAC) are completed that provided current project tasks, historic and current lake and watershed conditions, a definition of committee member roles and will gather input from committee members on problem definition and project goals.
- The TAT and WAC meetings were held (3/7/17).
- Answers were prepared for the questions asked by committee members (see meeting minutes).
- Meeting minutes were prepared and provided to the City (3/28/17).

B. NEXT MONTH'S PROJECT TASKS

- Continue water budget/nutrient mass balance construction.
- Continue watershed inventory with focus on septic systems, farm ponds, conservation practices, unregistered feedlots.
- Continue assessing and quantifying pollutant loads to Lake Mitchell.
- Finalize STEPL model assumptions and begin to populate model data fields.

C. FYRA'S NEW EMPLOYEE

