

Memorandum

To: City of Mitchell
From: FYRA Engineering
Re: Lake Mitchell Update
Date: 13 December 2016

1 UPDATE ON PROJECT TASKS

Over the past month FYRA has:

- Provided guidance to the City on the desired composition of the WAC and TAT, as well as a process for selecting member. The City's efforts to select members is ongoing.
- Requested additional lake and watershed data. The City's assessment of data availability is ongoing.
- Initiated the collection and review of past lake water quality data from past agency reports. This effort is ongoing.
- Initiated inventorying watershed characteristics such as land use, slope, soils, CAFO's location into GIS layers. This effort is ongoing.
- Initiated the procedure and overall approach for water budget model. This entails constructing the framework for the water budget and nutrient mass balance models. This effort is ongoing.

2 NEXT MONTH'S PROJECT TASKS

Over the upcoming month, FYRA will:

- Participate in a conference call with the City to review progress on forming the TAT/WAC and to discuss the availability of past lake and watershed data.
- Continue collecting and reviewing of past lake and watershed data.
- Continue the GIS-based inventory of watershed characteristics.
- Continue constructing the water budget and nutrient mass balance models.