

## Memorandum

**To:** City of Mitchell  
**From:** FYRA Engineering  
**Re:** Lake Mitchell Update  
**Date:** 9 January 2017

### 1 UPDATE ON PROJECT TASKS

Over the past month FYRA has:

- Provided additional guidance to the City of the composition of the WAC and TAT. This guidance has included a review of the suggested committee members. FYRA suggests that the City consider moving Dave Bartel from the WAC to the TAT. Mr. Bartel's technical background seems more in line with the TAT. FYRA also suggests that the City consider adding members to the TAT from the SD Game, Fish and Parks. FYRA has previously spoken to Dave Lucchesi and Todd and St. Sauver about Lake Mitchell at their Sioux Falls office (605-362-2700). One or both of them may have an interest in serving on the committee.
- Conducted a review of past lake water quality data to characterize historic and current lake conditions.
- Conducted a review of past lake water quality reports.
- Continued constructing frameworks for the water budget and nutrient mass balance models.
- Continued inventorying watershed characteristics, including permitted CAFOs, soils and slope data. This data will be used in determining pollutant loads and sources to the lake.
- Initiated the community based planning process. Background information is being compiled and incorporated into a presentation for the planning kickoff meeting. It is anticipated that the kickoff meeting will be held in early-to-mid February, pending discussions with the City.

### 2 NEXT MONTH'S PROJECT TASKS

Over the upcoming month, FYRA will:

- Work with the City to finalize the WAC and TAT.
- Work with the City to set a planning kickoff meeting.
- Develop and presentation and associated materials for the kickoff meeting.

- 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.