



BOARD OF PUBLIC UTILITIES

McPHERSON, KS

In an effort to provide a long term water supply for McPherson, the BPU is proposing to develop an additional water supply.

Project Need

- Existing well field is located in the McPherson Intensive Groundwater Use Area (IGUCA). This area is over appropriated, meaning there is more water use than the aquifer can support.
- No new water rights will be issued in the McPherson IGUCA.
- Water levels have continued to decline approximately 3 inches per year even after establishment of the McPherson IGUCA in 1980.
- The new South Well Field would help the existing well field achieve sustainability as well as provide additional water for growth of the community.

Project

- New well field consisting of three wells located approximately 18 miles south of McPherson
- 20 miles of water transmission line
- 3 million gallon per day treatment plant located in McPherson to remove iron and manganese.

Project Cost

- Water Wells: \$2,800,000
- Pipeline: \$14,360,000
- Treatment Plant: \$10,460,000
- Total Cost: \$27,620,000
- Projected Annual Debt Service: \$1,720,000

Map of proposed project site on back.



Water Rate Impact

- To support the annual debt service a water rate increase of approximately 42% will be required. This amount may be spread over two rate adjustments.
- Once the well field is operational, two smaller water rate adjustments totaling 6% may be required.
- Total water rate adjustment: 48%
- On average this would increase a residential bill less than \$17.00 per month.
- Increase only affects the water portion of your bill.

Map of Proposed Water Line, Well Site and Treatment Plant.

