

**OPERATION AND MAINTENANCE PLAN  
WATER WELL  
CODE 642**

Landowner/Operator \_\_\_\_\_

Job Location \_\_\_\_\_

Prepared By \_\_\_\_\_ Date \_\_\_\_\_

**OPERATION AND MAINTENANCE ITEMS**

This well was designed and installed to provide beneficial use of groundwater. The life of this system can be assured and usually increased by developing and carrying out an effective operation and maintenance program. An effective operation and maintenance program includes:

- Maintain the well cover securely in place.
- Protect the area from being damaged by machinery, vehicles, or livestock.
- Ensure no agricultural chemicals, such as fertilizers and pesticides, are stored or mixed or containers rinsed within a 100 ft. radius of the wellhead.
- Periodic inspection of the well for proper functioning and water quality. The inspection must include conditions that affect well performance as designed for water use. As a minimum there conditions include:
  - Declines in discharge, static level, maximum pumping level, and pressure (for artesian wells) that are outside acceptable limits for the well design;
  - Appearance of sediment that may damage the well, pump, or appurtenances;
  - Changes in water quality including odor, color, taste, and chemistry;
  - Presence of algae or iron bacteria.
- Keep all surface water and all polluted materials from entering the well or accumulating near the well.
- Repair any vandalism, vehicular, or livestock damage.

Other \_\_\_\_\_

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