

Well Construction Standards Licensing and Enforcement



Jack Byers

Deputy State Engineer

Administrator, Board of Examiners

Conceptual Water Budget

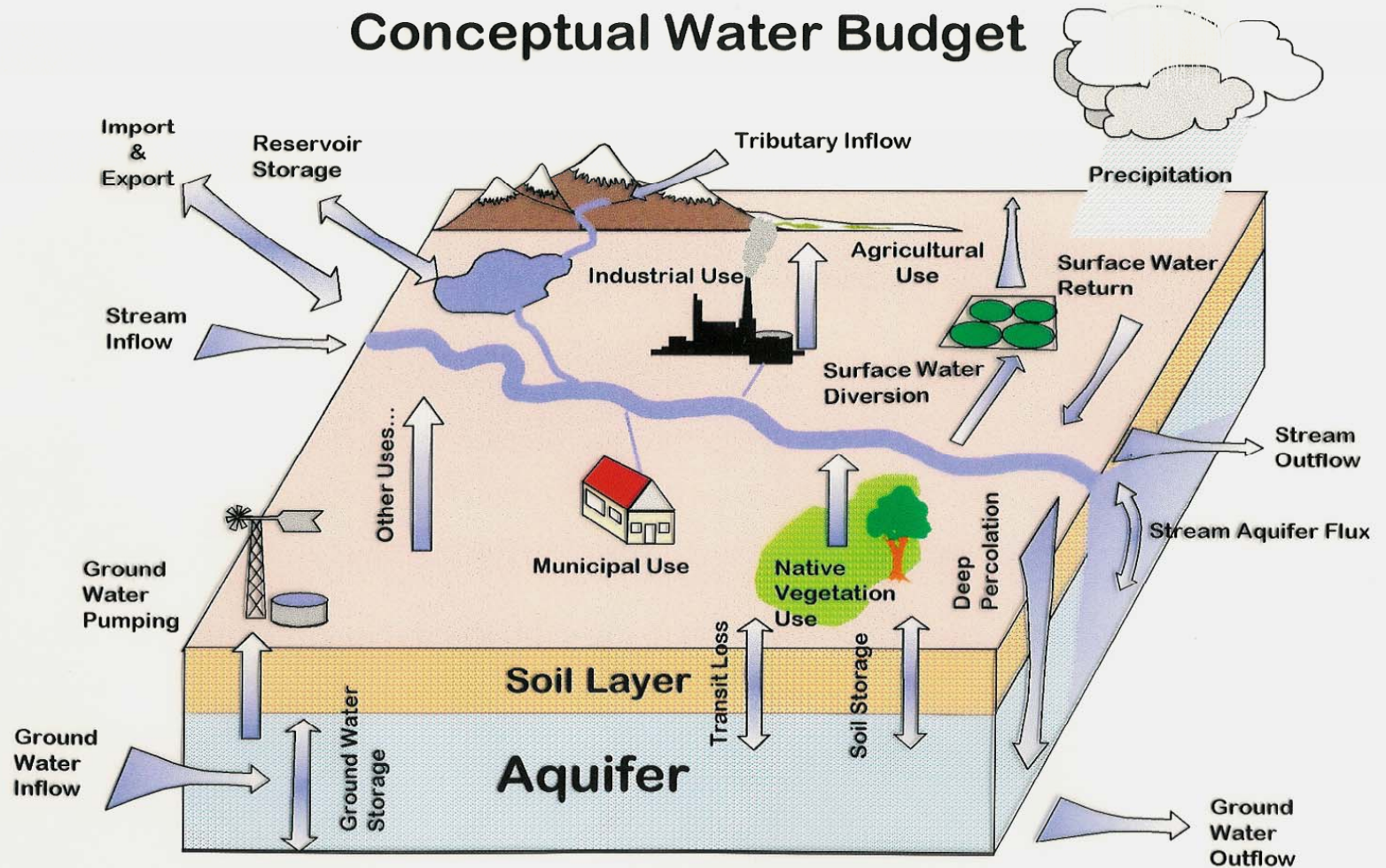
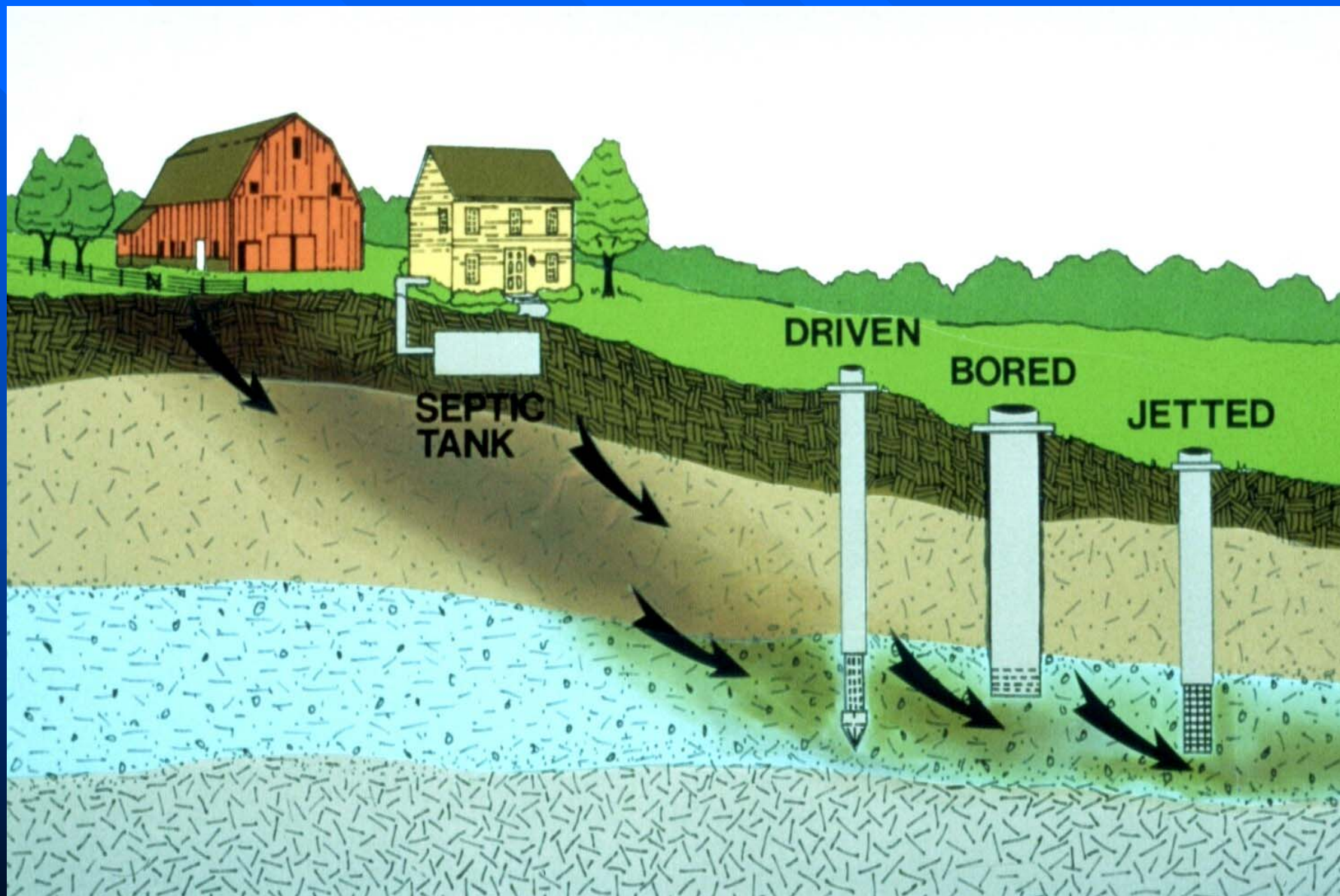


Figure 3.1



Board of Examiners for Water Well Construction and Pump Installation Contractors

- Duties of the Board
- Licensing Requirements
- Water Well Construction Rules
- Responsibilities of the Contractor
- Responsibilities of the Owner
- Variances from the Rules
- Complaints

Board Members

■ Ray Newmyer,

– Chairman

Licensed Contractor

■ Tim Decker,

– Vice-Chair

Professional Geologist

■ Jeff Canfield,

Licensed Contractor

■ Hal Simpson, Secretary
State Engineer

■ Greg Naugle
Department of Health

■ *Jack Byers,*
Administrator

Staffing

- Manager/Supervisor
- Administrative Assistant
- Professional Geologists
- Well Technician
- Well Inspectors

Duties of the Board

- Adopt Rules to Safeguard the Public Health and to protect and Preserve the Ground Water Resources of the State;
- Construction and Abandonment of Wells;
- Installation of Pumping Equipment;
- Licensing;
- Disciplinary Action.

Water Well Construction Rules

■ *Well Construction*

- Geology of Aquifers
- Contaminants
- Location
- Well Casing
- Grouting
- Disinfection
- Reports

■ *Pump Installation*

- Temporary
- Permanent
- Disinfection
- Pumping Rate
- Electrical
- Test Pumping
- Reports



Well Head Protection



Board of Examiner Rules

(Proposed)

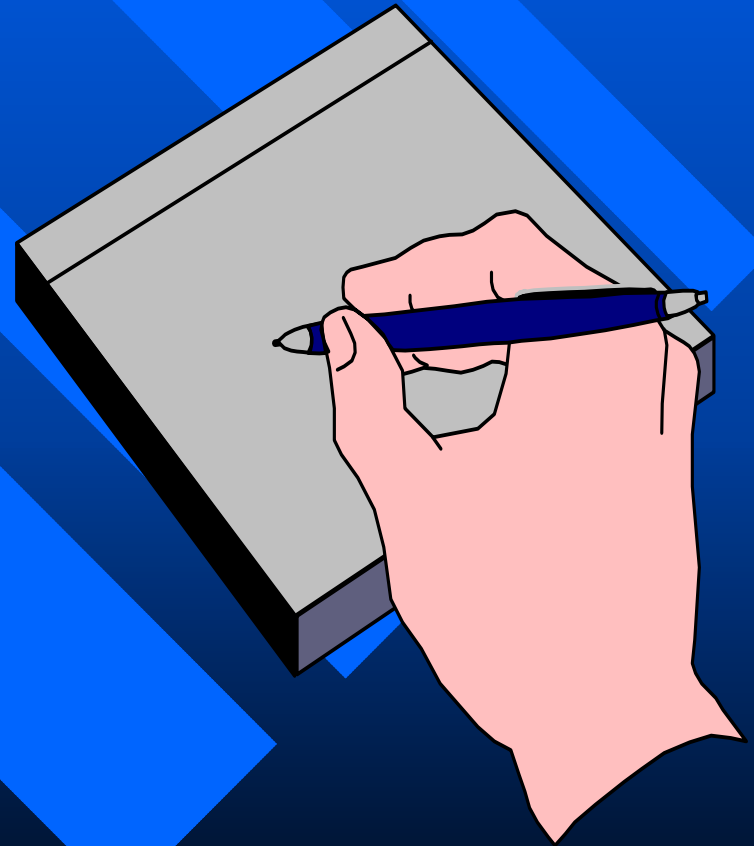
- Licensing
- Bonding
- Continuing Education
- Complaint Investigation
- Penalties and Fines

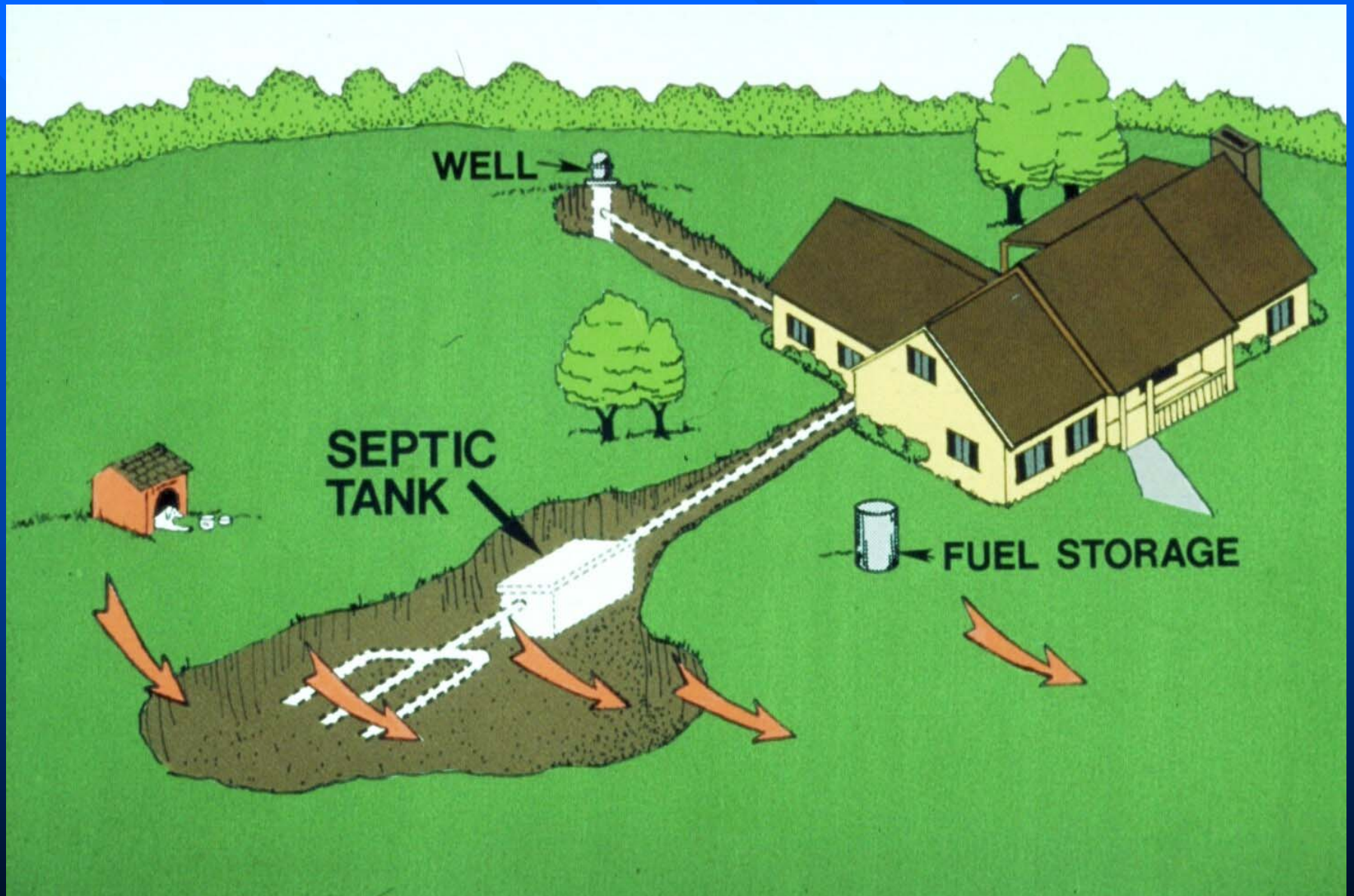
License Requirements

- License required for well construction and pump installation
- Two years of experience in the type of well construction or pump installation
- Board reviews prior to testing
- NGWA tests, State R&R test, Oral Exam
- Continuing Education

Contractors Responsibilities

- Properly Licensed
- Properly Permitted
- Proper Location
- Comply with
Minimum
Construction Rules
- Reports





Well Owner Responsibilities

- Properly Licensed Contractor
- Written Contract
- Properly Permitted Well
- Abandonment of Replaced Well
- Variances
- Reports

Submersible Pumps



WELL OR PIT
INSTALLATION

GOULDS PUMPS, INC.



Complaints

- Alleged Violations of the Rules
- Unlicensed Contractors
- Court Action
- Construction/Installation Standards
- Permitting
- Work Reports
- Board Action





Board of Examiners

<http://water.state.co.us/boe/>

Questions