



UNDERGROUND GAS STORAGE

RCP has earned a worldwide reputation for providing professional engineering services and regulatory expertise to oil and gas operators, including underground gas storage in depleted reservoirs, aquifers and salt caverns.

We have the RESOURCES and the TOOLS to assist clients with building, implementing, and improving comprehensive operational integrity management programs in response to the recent PHMSA Final Rule on underground gas storage.

EXPERIENCED RESOURCES

- Highly respected underground storage & risk management SMEs
- Professional engineering support
- Knowledgeable technical standards developers
- Regulatory expertise

ASSET MANAGEMENT TOOL

- Gap assessment protocols
- Risk analysis program
- Workflow & asset management



Over the last 25 years, RCP experts have developed a comprehensive assessment protocol that includes an asset and task management system that delivers 100% traceable, verifiable and complete records, as well as a risk analysis model that can be tailored to meet any operator's risk metrics sensitivity in regards to potential threats and consequences unique to their assets.



ASSET & TASK MANAGEMENT SYSTEM

GAP ANALYSIS/EFFECTIVENESS EVALUATION

- PHMSA Final Rule: Safety of Underground Natural Gas Storage
- API RP 1171/1170
- PHMSA Advisory Bulletin and FAQs
- State-Specific Regulations

PROCESS DEVELOPMENT AND CONTINUOUS IMPROVEMENT

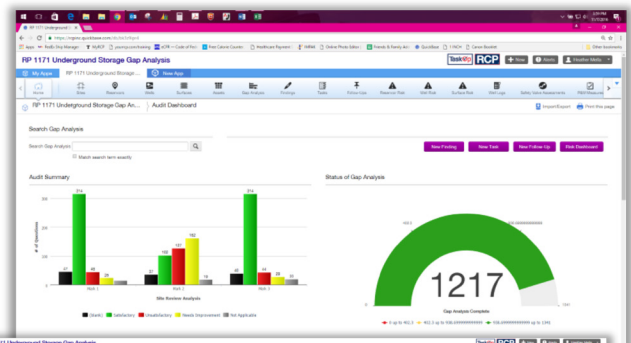
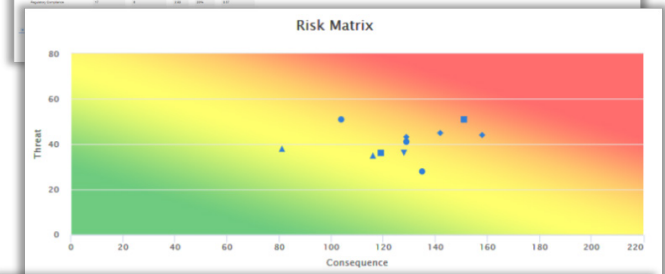
- Storage risk management plan
- Site-specific operations & integrity standards
- Key Performance Indicator Development

RISK ANALYSIS MODEL

- API RP 1171, Section 8
 - Configurable to client and/or state needs
 - Separate models for depleted reservoirs and caverns
- Flexible Approach
 - Adaptable to any risk model currently in use
 - Deterministic, quantitative or probabilistic capability
 - SME/Documentation
 - Data (ex. Well Log)
- Captures Documents Used in Risk Analysis & Sub-surface Safety Valve Assessment Tools
- Customizable queries & reporting

ASSET INTEGRITY ASSESSMENT TRACKING AND REMEDIATION PROGRESS TRACKING

- Schedule and progress reporting
 - Integrity assessment, repairs & PM activities
- Data capture & analysis
 - Well log comparison (ex. corrosion rate)
- Documentation linkage to work activity
- Asset change management

WHEN IT COMES TO INTEGRITY RCP DELIVERS 100% TRACEABLE, VERIFIABLE AND COMPLETE RECORDS.

For more information or free demo contact Jessica Foley at (713) 655-8080.