

## **DEIR Appendix T** **Post Seismic Pipeline Inspection Plan**

Wild Goose Storage Inc. (WGS) will participate in the automatic earthquake notification program in northern California that is maintained by a collaboration between the USGS and UC Berkeley Seismological Laboratory. This system provides notification to operators of sensitive facilities of seismic events. In the case of the WGS pipelines, a seismic event exceeding a magnitude 4.0 within 15 miles of the pipelines will trigger an automated alert to the WGS pipeline operator.

When an event alert has been received by the operator, the following actions will occur:

1. Confirm the pipeline operating parameters are within normal limits. These parameters are pressure and flowrate.
2. If parameters show a deviation from normal, take the following action:
  - a. Perform a controlled shutdown of the pipeline.
  - b. Isolate the sections of the pipeline by closing the mainline valves.
  - c. Monitor pressure within the segments to determine if a leak exists. If a pressure loss is detected in a segment, dispatch personnel to locate the potential leak and isolate the area.
  - d. Implement procedures in the Project's Emergency Response Plan.
3. If the pressure and flowrate parameters are within specified limits, schedule a right-of-way reconnaissance of the pipeline within the next 24 hours to include:
  - a. Dispatch an aerial patrol as soon as a plane is available to survey the pipeline route for any signs of seismic activity, such as ground displacement, ground rupture, liquefaction and ground movement.
  - b. Any areas of potential ground displacement or surface disruption shall be investigated by ground personnel who shall make a determination as to whether additional inspection is required. Field personnel shall also perform a ground inspection of all directional drilled crossing areas as well as the general area of the Willows Fault. Ground personnel shall be equipped with gas detection equipment to "sniff" for any potential gas leaks.
  - c. In the event gas is detected, begin isolation of the area immediately and implement procedures in the Project's Emergency Response Plan.
  - d. Perform a re-pressurization of the pipeline and monitor all parameters to assure they are within normal limits.
4. Schedule another aerial reconnaissance of the pipeline within 48 hours of the seismic event or completion of re-commissioning to ensure that no additional problems develop.

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