

Instructions for Completing the Geotechnical Evaluation Form

1. **Recommendations** – In this sections, note the areas of the facility that need to be monitored on a regular basis. Indicate what needs to be monitored, why, and at what point the condition will cause a change in the posting or a need for another action. In the second part of this section, provide information about the posting decision that the jurisdiction needs to know.
2. **Comments** – Use this space to explain any part of the assessment that needs further explanation. If there is not enough room to write the necessary explanations, simply indicate "OVER" at the bottom of the form and continue on the other side.
3. **Damage Observation (DO)** – The damage scale is used to rate the severity of damages based on your observations and professional judgment.
4. **Section D – Observed Geotechnical Conditions with Effect On Facility** – Utilizing the damage scale, rate the extent of damage *and* the effect of the damage to each of the components that are listed. The extent and the effect can have significantly different ratings. For those areas that are not involved in the event (i.e., ash flow for an earthquake event) use the designation NA (Not Applicable).
5. **Section E – Continuing Hazards to Life/Property** – Describe the conditions at the site that may be a hazard to life safety and to property. Go into detail relating the geotechnical conditions to the original posting of the facility or structure. If time permits, map the area that experience ground movement to show the size and location of cracks, location of sand boils, and an estimate of lateral movement.