

Retention Code	Owner/Author	SOP No	Review Frequency
GCO1	WNS Field Environmental Coordinator	L-001	3 years

Alpine Dust Control Procedure

Purpose The purpose of this procedure is to ensure compliance with the Alpine Facilities Erosion Control Plan and US Army Corps of Engineers (USACE) permits.

Scope This procedure applies to all dust control activities on gravel roads and pads.

Authorized user Authorized users of this procedure are:

- Roads and Pads Personnel

References Other references applicable to this procedure include:

- USACE Permits
- Alpine Facilities Erosion Control Plan

Getting Started




Prerequisites Dust control operators must receive training that adequately addresses the following topics:

- The importance of proper dust control – air permit fugitive emissions, USACE permit stipulations, vegetation impacts, etc.
- Water source permit stipulations – fish screen requirements, volume tracking, mine site dewatering, etc.
- Dust control area identification – visible dust, lighter colored areas developing in road, etc.
- Dust control area prioritization – active drilling locations and airstrips
- Water source location
- Watering techniques

Dust Control Procedure

Dust Control Activities

Personnel must take the following steps when conducting dust control activities.

Step	Action												
1.	<p>Evaluate dust control location and needs.</p> <table border="1"> <thead> <tr> <th>Location</th> <th>Recommended Watering Frequency</th> </tr> </thead> <tbody> <tr> <td>CD1/AOC Pad</td> <td>1x/day, or as needed</td> </tr> <tr> <td>Drill sites with rig activity</td> <td>1x/day, or as needed</td> </tr> <tr> <td>Drill sites without rig activity</td> <td>Every 3 days, or as needed</td> </tr> <tr> <td>Alpine airstrip</td> <td>2x/day, or as needed</td> </tr> <tr> <td>CD3 pad and airstrip, when manned</td> <td>Every 3 days, or as needed</td> </tr> </tbody> </table> <div style="border: 1px solid gray; padding: 5px; margin-top: 10px;">  <p>NOTE: All roads and pads should be routinely evaluated for dust control needs.</p> </div>	Location	Recommended Watering Frequency	CD1/AOC Pad	1x/day, or as needed	Drill sites with rig activity	1x/day, or as needed	Drill sites without rig activity	Every 3 days, or as needed	Alpine airstrip	2x/day, or as needed	CD3 pad and airstrip, when manned	Every 3 days, or as needed
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2.	<p>Collect water for dust control from permitted raw water sources (e.g., lakes, impoundments, etc.).</p> <div style="border: 2px solid orange; padding: 10px; margin-top: 10px;">  <p>CAUTION: Only permitted sources may be used for dust control. Contact Environmental with any questions, or if new sources are needed.</p> <p>WNS Field Environmental Coordinator 907-670-4200 n1838@conocophillips.com</p> </div>												
3.	<p>Apply water at rates such that it does not create erosion due to runoff. If utilizing approved additives (e.g., calcium chloride), dilute according to manufacturer recommendations for application.</p> <div style="border: 1px solid gray; padding: 5px; margin-top: 10px;">  <p>NOTE: Dust control activities should be reduced when precipitation (rain, snow, frost, dew, fog, etc.) provides adequate coverage.</p> </div>												

Dust control activities are complete.