Salton Sea Management Program
Dust Suppression Projects Action Plan

Public Workshops | December 17, 2019 & December 18, 2019

Presenter: Jennifer Scholl, Representing SSMP
Overview: State’s Draft Dust Suppression Projects Action Plan

Near-Term Plan Components

- **Background**
- **Dust Suppression Projects Action Plan**
  - Phasing
  - Site prioritization/methods
- **Next-Steps**
  - Permitting
  - Landowner Agreements
  - Implementation/construction
Phasing

Environmental Compliance
  • National Environmental Policy Act
  • U.S. Army Corps of Engineers
  • U.S. Fish and Wildlife Service
  • CA Dept. of Fish & Wildlife
  • County

Landowners
  • Federal Government
  • Imperial Irrigation District
  • Torrez Martinez Tribal Lands
  • Others
Proposed Dust Suppression Areas

Driven by science-based data

• Playa emissivity
• Wind speed/direction
• Types of projects
• Water needs
• Maintenance requirements
Salton Sea
Wind Data
Depicts Wind Speed and Direction
2017-2018 Annual PM10 Emissions on Salton Sea Playa
### Types of Dust Suppression Methods

<table>
<thead>
<tr>
<th>Waterless Dust Suppression</th>
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<tbody>
<tr>
<td>• Surface Roughing</td>
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<tr>
<td>• Moat and Row</td>
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<tr>
<td>• Gravel Cover 2”/4”</td>
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<tr>
<td>• Suppressants/Surface Stabilizers</td>
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Types of Dust Suppression Methods

Water-Dependent Dust Suppression
- Vegetation Enhancement
- Vegetation Swale
- Managed Vegetation
- Shallow Flood
- Brine Stabilization
Next Steps and Timelines

• Consider tonight’s feedback
• Develop Draft Plan
• Share Draft Plan/Public-Stakeholder meetings February 2020
• Consider feedback from February 2020 meetings
• Finalize Plan Spring 2020
• Periodic Plan revisions with new information
We want your input ...

Key Points to Consider

• Limitations
• Exposed Playa
• Identified Treatment Areas
• Ease of permitting
• Most effective = LESS DUST