

IMPERIAL COUNTY

**AIR POLLUTION
CONTROL DISTRICT**

MATT DESSERT

AIR POLLUTION CONTROL OFFICER



PLAYA EXPOSURE



PLAYA EXPOSURE



ICAPCD REGULATION VIII

"FUGITIVE DUST RULES"

RULE 800: The purpose of this regulation is to reduce the amount of fine Particulate Matter (PM-10) entrained in the ambient air as a result of emissions generated from anthropogenic (man-made) Fugitive Dust (PM-10) sources generated from within Imperial County by requiring actions to prevent, reduce, or mitigate PM-10 emissions. The Rules contained within this Regulation have been developed pursuant to United States Environmental Protection Agency guidance for Serious PM10 Non Attainment Areas. The requirements of this rule shall apply to any Active Operation, and/or man-made or man-caused condition or practice capable of generating Fugitive Dust (PM-10).

ICAPCD REGULATION VIII

RULE 804: The purpose of this regulation is to reduce the amount of fine Particulate Matter (PM10) entrained in the ambient air as a result of emissions generated from Open Areas by requiring actions to prevent, reduce, or mitigate PM10 emissions. This rule shall apply to any open area withing 3.0 acres or more within rural areas.

Best Available Control Measures:

- 1.** Apply and maintain water or dust suppressants to all vegetated areas.
- 2.** Establish 50% vegetation coverage on all previously disturbed areas.
- 3.** Pave, apply & maintain gravel, or apply & maintain chemical stabilizers/suppressants
- 4.** Implement "Alternative BACM" for exposed playa at the Salton Sea if approved by both the APCD & EPA. Alternative BACM may be approved with technical evaluation demonstrating that the proposed Alternative BACM achieves a stabilized surface and meet the 20% opacity requirement.

QSA Joint Powers Authority



QSA/JPA PROJECTS

2,020 Acres of Implemented Projects

-These areas contributed **35.51 tons** of the Total Annual Emissions on the playa prior to implementation

345 Acres of Conceptually Designed Projects

- This area contributes **31.18 tons** of the Total Annual Emissions on the playa

2,050 Acres of Site Characterization Projects

- These areas contribute **116.6 tons** of Total Annual Emissions on the playa.


STATE OF CALIFORNIA



STIPULATED ORDER

Year	Required Completed Construction
2018	500 acres
2019	1,300 acres
2020	1,700 acres
2021	3,500 acres
2022	1,750 acres
2023	2,750 acres
2024	2,700 acres
2025	3,400 acres
2026	4,000 acres
2027	4,000 acres
2028	4,200 acres

Current Year
Requirements:
1,800 acres



Next Year
Requirements:
3,500 acres



29,800 Acres of Required Mitigation at the Salton Sea

STATE OF CA PROJECTS

Red Hill Bay

-618 acres and contributes **10.96 tons** of the Total Annual Emissions on the playa

Species Conservation Habitat

-3,770 acres and contributes **24.46 tons** of the Total Annual Emissions on the playa

Projects Implemented: 0 Acres

DUST EVENTS ON PLAYA



DUST EVENTS ON PLAYA



March 16, 2019
Red Hill Bay Project Site



ICAPCD
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