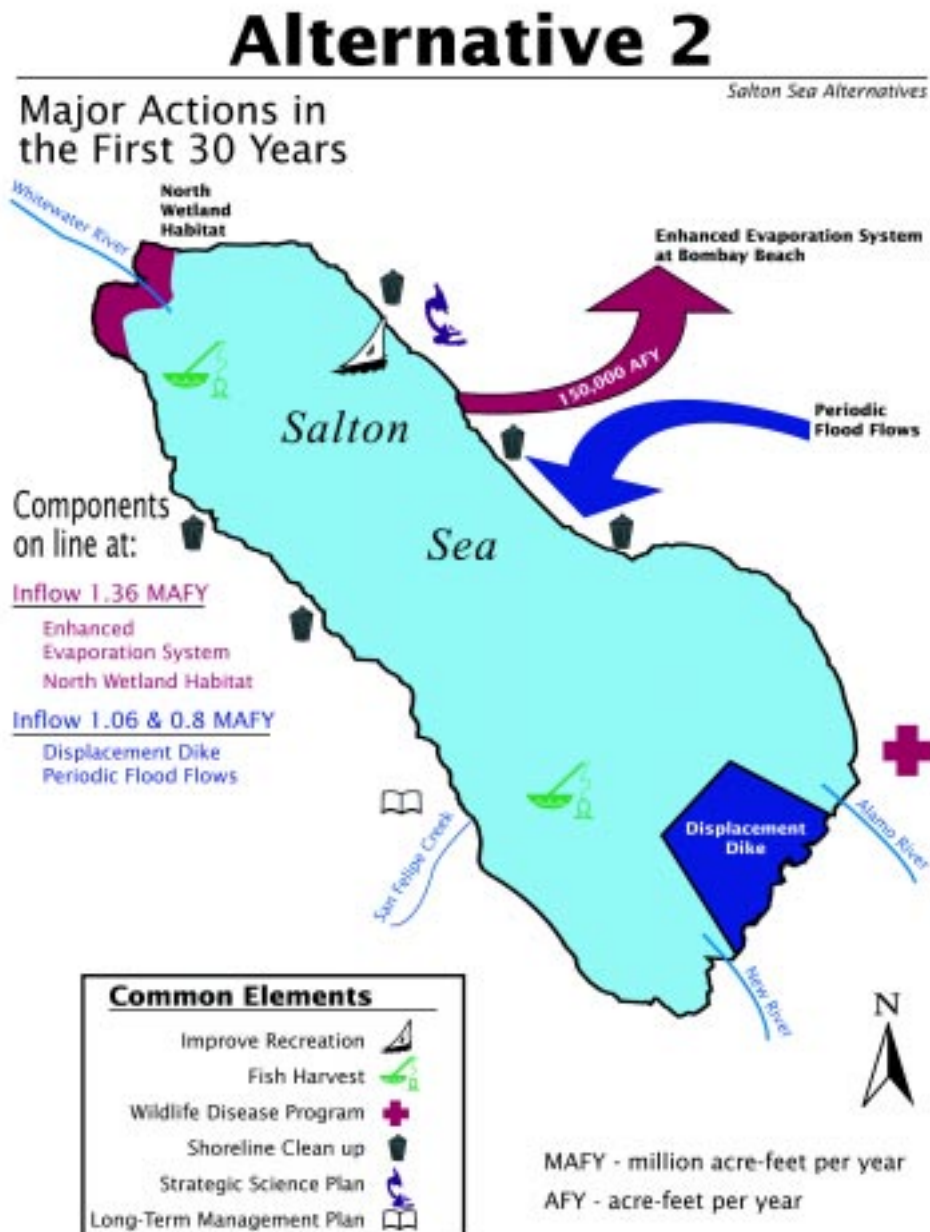


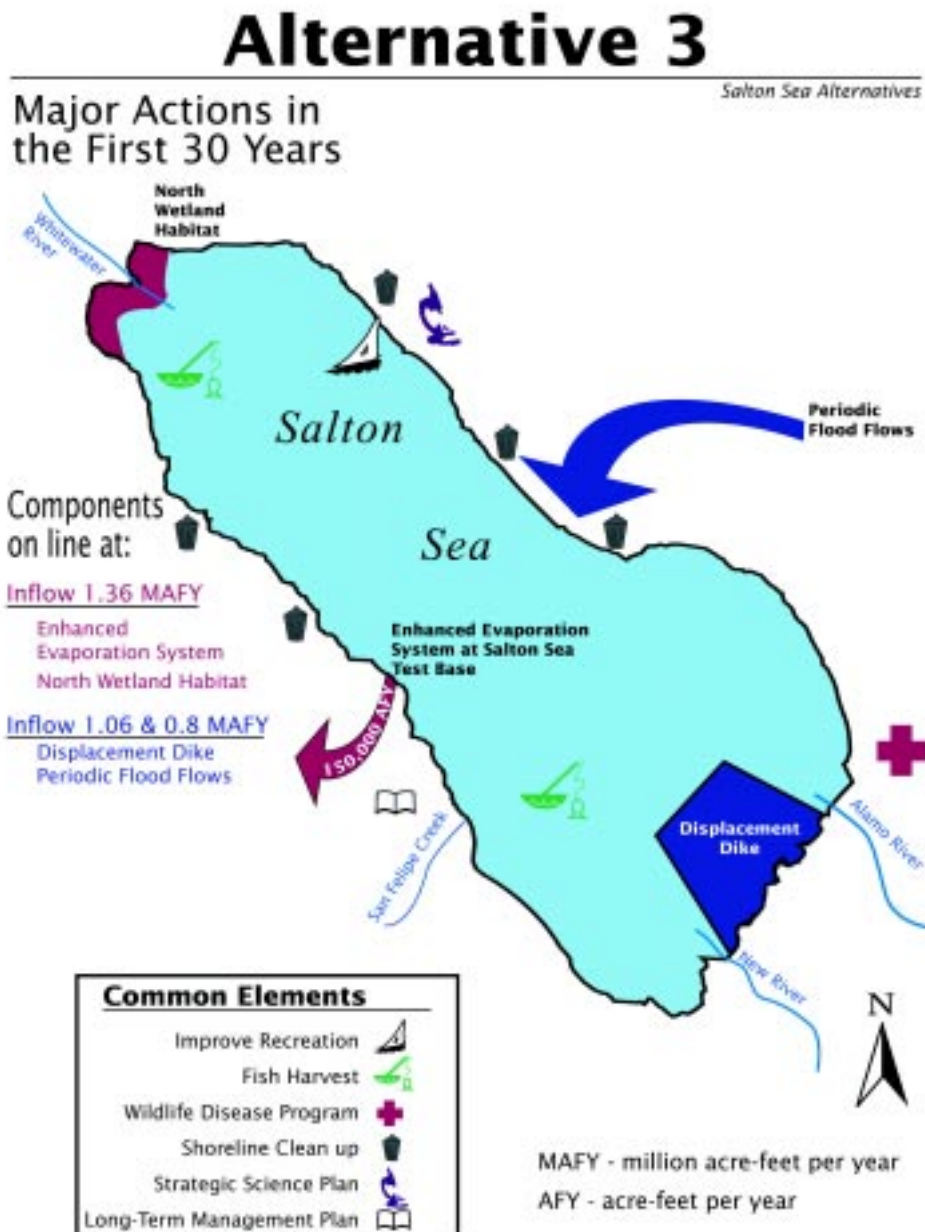
## Alternative 2

Alternative 2 would involve constructing an Enhanced Evaporation System (EES) on a site north of Bombay Beach. The EES is a method to remove salts from the Sea by increasing evaporation rates through spraying. Alternative 2 involves constructing tower modules to process 150,000 af/yr of Salton Sea water. The system would operate on average 18 hours per day and automatically shut down when winds exceed 14 miles per hour (mph). Each module would consist of a line of towers connected by hoses with spray nozzles and precipitation ponds.



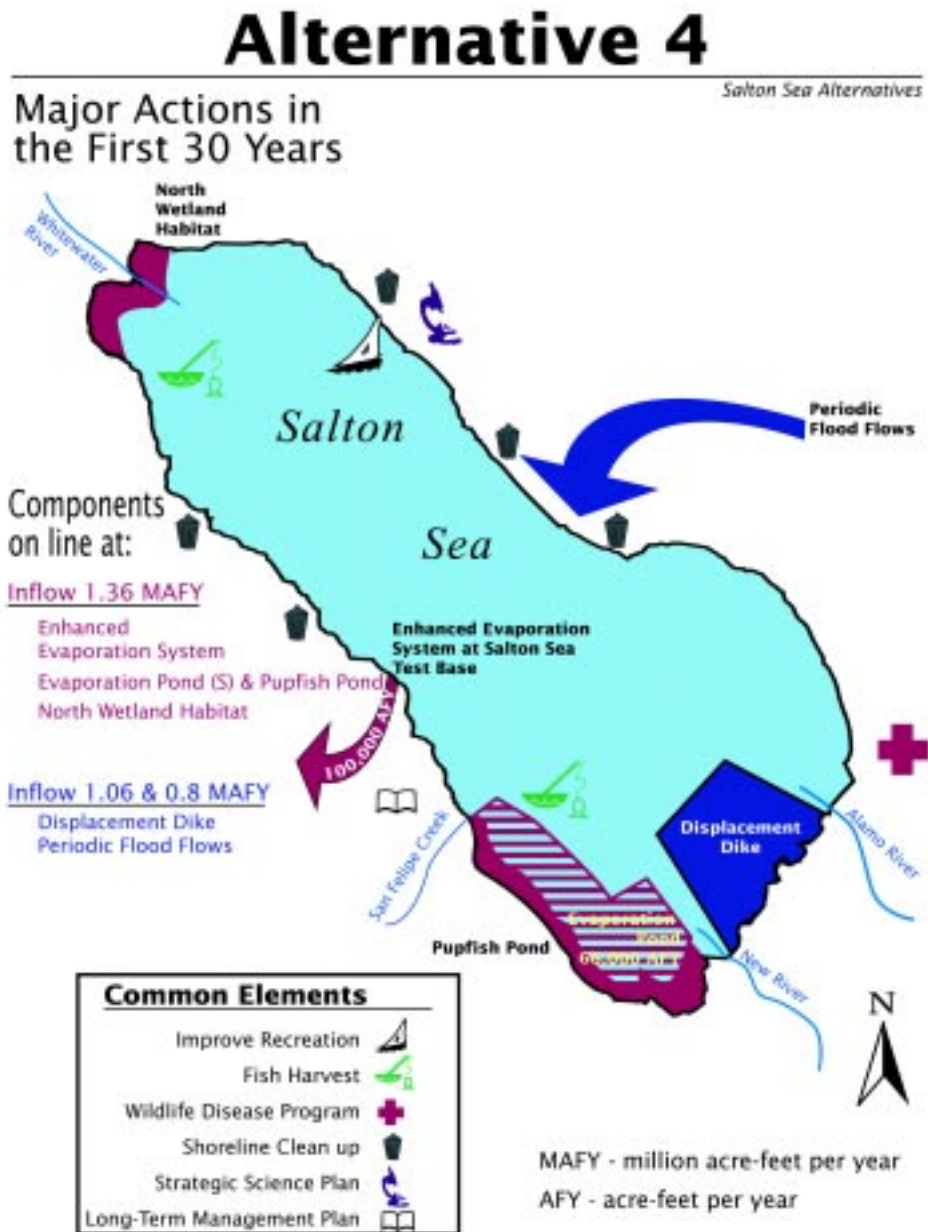
### Alternative 3

Alternative 3 would be similar to Alternative 2 however, for Alternative 3 the EES would be located at the Salton Sea Test Base.



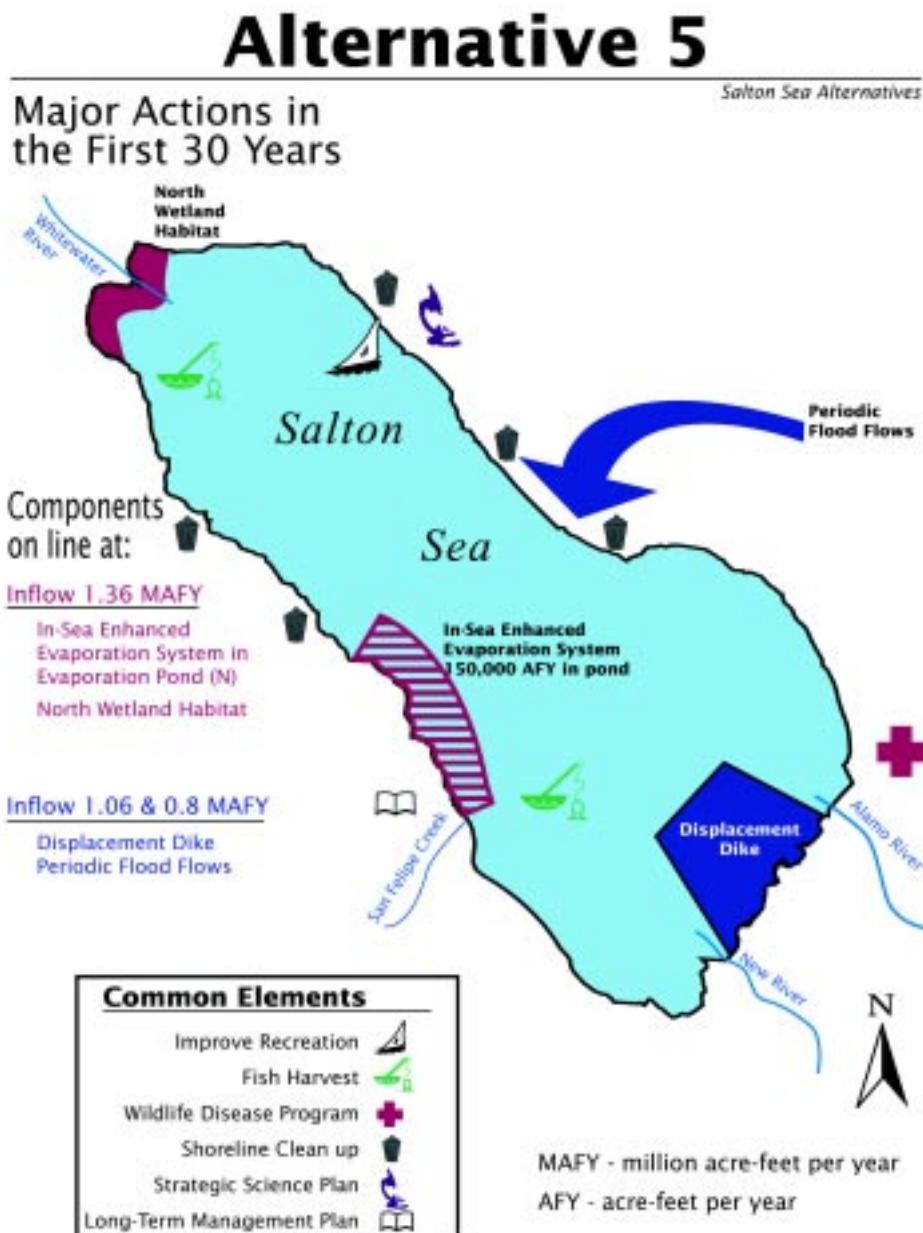
## Alternative 4

This alternative combines the technology of Alternatives 1 and 3 to increase the effectiveness and speed at which salts are removed from the Sea. The EES would be constructed on the Salton Sea Test Base, but the size of the EES would be reduced to a capacity of 100,000 af/yr. The southwest evaporation pond would be constructed as described in Alternative 1.



## Alternative 5

Alternative 5 combines an evaporation pond near the Salton Sea Test Base with a 150,000 af/yr EES incorporated within the pond itself. The EES used in this alternative would involve technology typically used in artificial snowmaking. Instead of the tower configuration described in Alternative 1, this method would utilize a series of portable, ground-based blowers that would use air to spray piped Salton Sea water up into the air and into the evaporation pond, rather than dropping it from towers.





## HOW TO OBTAIN INFORMATION

Information about the Salton Sea Restoration Project may be obtained by contacting one of the agency points-of-contact or web sites.

### Points of Contact

**Tom Kirk**  
**Salton Sea Authority**  
78-401 Highway 111, Suite T  
La Quinta, CA 92253  
Phone: (760) 564-4888  
Fax: (760) 564-5288  
Email: tkirk@salton-sea.dst.ca.us

**William Steele**  
**US Department of Interior**  
**Bureau of Reclamation**  
P.O. Box 61470  
Boulder City, Nevada 89006-1470  
Phone: (702) 293-8129 or Fax:  
(702) 293-8023  
Email: wjsteele@lc.usbr.gov

### Web Site Addresses

Project information is available on the following web sites:

**Salton Sea Restoration Project Web-Site.** The official project web page can be accessed from the US Bureau of Reclamation Lower Colorado Region web-site located at <http://www.lc.usbr.gov>. Starting from the Lower Colorado Region home page, click on the Salton Sea icon to access the Salton Sea Restoration Project web page. This web page contains useful information plus email links to the project leads.

**UC Redlands Salton Sea Database Program Web-Site.** This web page contains useful information on the UC Redlands database program. The web page can be accessed through Reclamation's webpage, <http://www.lc.usbr.gov>.



### Where Can I Find the Draft EIS/EIR?

The Draft EIS/EIR is a large technical volume that contains the supporting details for the information summarized in this document. The EIS/EIR is over 600 pages in length and is generally understandable by individuals with a technical background. During the public comment period, the document along with the Strategic Science Plan, will be available for review at the locations listed on the following page. Local branch libraries will also have copies of the documents available for review—contact the Salton Sea Authority office for specific locations.



## LOCATIONS WHERE THE DRAFT EIS/EIR WILL BE AVAILABLE

### **Calipatria, CA**

Sonny Bono Salton Sea NWR  
906 West Sinclair Road  
Calipatria, CA 92233

### **Coachella, CA**

Coachella Valley Water District  
Highway 111 and Avenue 52  
Coachella, CA 92236

### **El Centro, CA**

Imperial County Administrative  
Center  
940 West Main Street, Suite 208  
El Centro, CA 92243-2875

### **Imperial, CA**

Imperial Irrigation District  
333 East Barioni Boulevard  
Imperial, CA 9225

### **Indio, CA**

Supervisor, District 4 (Supervisor Roy  
Wilson)  
46-200 Oasis Street, Suite 318  
Indio, CA 92201

### **La Quinta, CA**

Salton Sea Authority  
78-401 Highway 111, Suite T  
La Quinta, CA 92253

### **Niland, CA**

Bombay Beach Community Services  
District  
9590 Avenue C  
Niland, CA 92257

### **North Shore, CA**

Salton Sea State Park  
100-225 State Park Road  
North Shore, CA 92254

### **Riverside, CA**

Riverside County (Supervisor Roy  
Wilson's Office)  
4080 Lemon Street  
12<sup>th</sup> Floor  
Riverside, CA 92502

### **Salton City**

Community Services District  
2098 Frontage Road  
Salton City, CA 92275





## GLOSSARY

<b>California Environmental Quality Act (CEQA)</b>	Establishes California policy designed to encourage consideration of the influence of human activities on the natural environment. Requires preparation of an Environmental Impact Report (EIR).
<b>Clean Water Act of 1972, 1987 (CWA)</b>	Federal legislation for improving the nation's water resources. Requirements include: (1) identification of waters that do not comply with water quality standards, (2) ranking of impaired water bodies, and (3) establishment of Total Maximum Daily Loads (TMDLs) for those pollutants causing impairments.
<b>Cultural resources</b>	Prehistoric and historic districts, sites, buildings, objects, or any other physical evidence of human activity considered important to a culture, subculture, or a community for scientific, traditional, religious, or any other reason. Native American resources are sites, areas, and materials important to Native Americans for religious or heritage reasons.
<b>EIS/EIR</b>	Environmental Impact Statement/Environmental Impact Report, a document prepared in compliance with NEPA and CEQA to assess effects of a project.
<b>Evaporation pond</b>	Diked areas where evaporation would concentrate salts to allow salinity in the remainder of the water body to be maintained at an acceptable level.
<b>Special-status species</b>	Species recognized by Federal or State law as protected because it is endangered or threatened with extinction throughout all or a significant portion of its range.
<b>Enhanced Evaporation System (EES)</b>	A method to reduce the salinity of the Salton Sea. Water is sprayed at a sufficient height for the water to evaporate and the salts to precipitate and collect in a catchment basin.
<b>Mean</b>	The average value of items in a sample.
<b>National Environmental Policy Act (NEPA)</b>	Public Law 91-190, passed by Congress in 1969, established a national policy designed to encourage consideration of the influence of human activities on the natural environment. Requires that an Environmental Impact Statement (EIS) be prepared and made available to the public before decisions are made on major Federal programs that have significant environmental impacts.
<b>Native Americans</b>	Used in the collective sense to refer to individuals, bands, or tribes who trace their ancestry to indigenous populations of North America prior to Euro-American contacts.
<b>Salinity</b>	The concentration of salts in a liquid commonly measured in milligrams per liter (mg/L) or parts per million (ppm).
<b>US Environmental Protection Agency (EPA)</b>	The independent Federal agency established in 1970 to regulate federal environmental matters and to oversee the implementation of federal environmental laws.