

Development of a Selenium Standard for the Open Waters of Great Salt Lake

Great Salt Lake Water Quality Studies



The Great Salt Lake is Important for People Too

- **Recreation**
 - Thousands of people visit the lake annually
 - Boating (two marinas)
 - Hiking
 - Hunting (almost an \$8 million industry)
 - Bird watching
- **Tourism**
 - Two state parks, numerous state wildlife refuges and one federal wildlife refuge
 - One of the largest migratory bird refuges in North America
- **Brine Shrimp Industry**
 - Internationally renowned source of brine shrimp cysts
 - Market value estimated to average \$9-11 million annually, peak up to \$60 million
- **Mineral Extraction**
 - 2.8 million tons of sodium chloride, potassium chloride, magnesium chloride, magnesium metal, chlorine gas and other products in 1995
 - Value of minerals from Great Salt Lake in 1995 worth \$300 million or 16 percent of annual value of minerals produced in Utah
 - Oil located beneath the bed of the lake



Farmington Bay



American Avocets at Bear River Migratory Bird Refuge



Brine Shrimp Cysts Harvesting



Solar Evaporation Ponds at Northeast End



Morton Salt Plant

