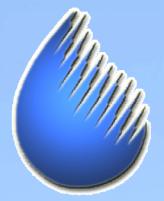
#### **Southern Nevada Water Authority**



# Lake Mead Intake No. 3

Status Summary 21 September 2006

### **Project Location**

#### Proposed Intake No. 3, Tunnel and Pumping Station

#### Lake Mead

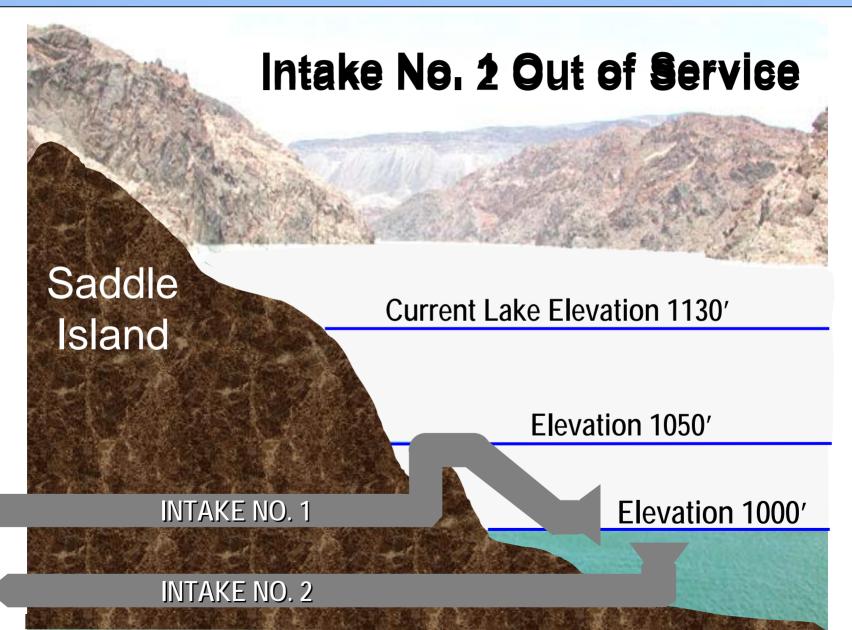
Existing Treatment Facility Saddle Island

Hoover Dam

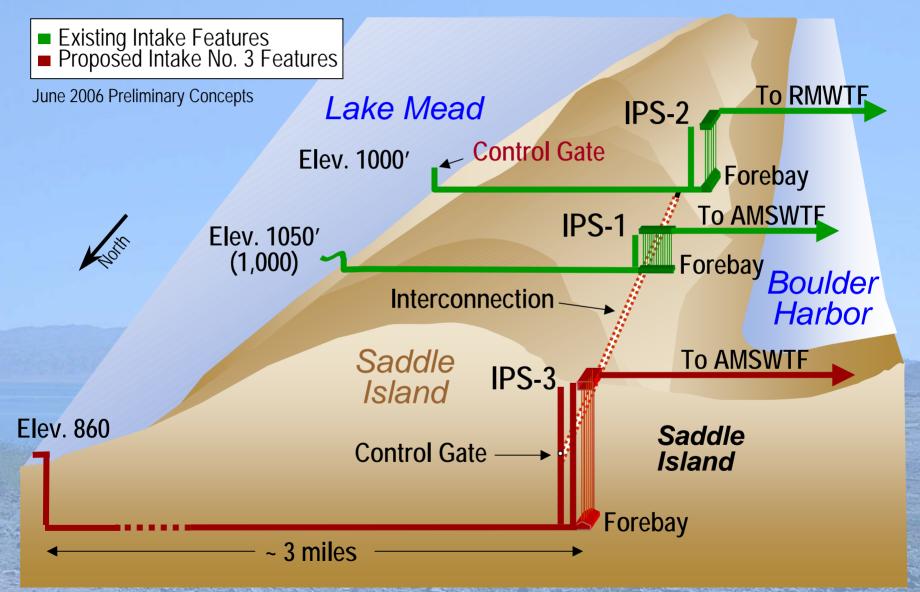
### **Intake Project Objectives**

- Protect system capacity.
- Access better water quality.
- Prepare for the inevitable future drought cycles.

# Lake Mead Water Level Impacts



### Saddle Island Intake Systems



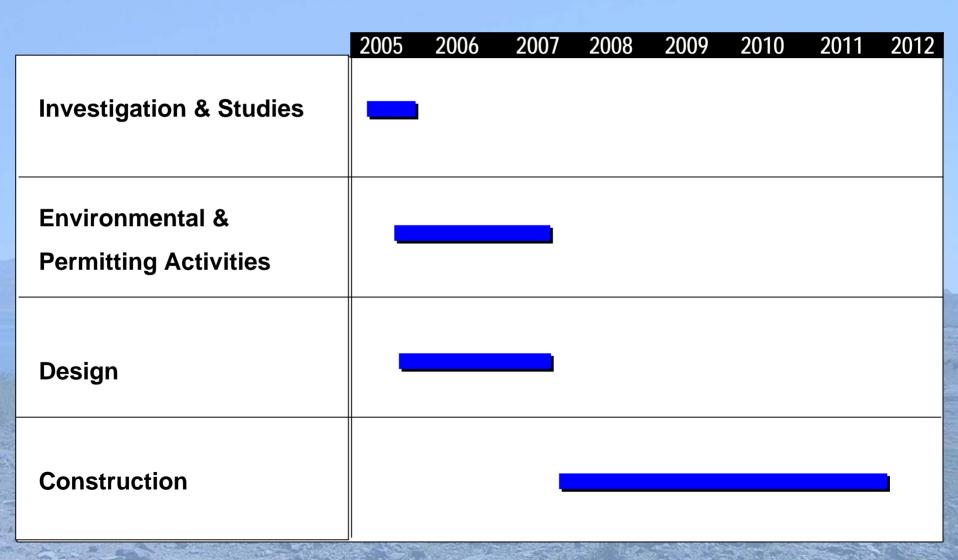
## **Profile of Intake System**

-Pumping Station and Access Shafts Saddle Island 1130' (Jun 2006) Lake Mead Old Las Vegas Wash Channel Intake Shaft (860 feet) Tunnel (approx. 3 miles)

## Intake No. 3 Project Status

- Current Activities:
  - Geotechnical investigations
  - Facility concept development
  - Biological, cultural and archeological analyses
  - Preparation of draft Environmental Assessment
  - Preparation of preliminary design report

### **Project Schedule**



## **Questions?**

Carlos - Store -