

Proposed IID/SDCWA Transfer



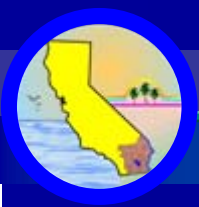
CRWQCB-R7

Staff Concerns

5/13/2002

Phil Gruenberg, Executive Officer

California Regional Water Quality Control Board - Colorado River Basin



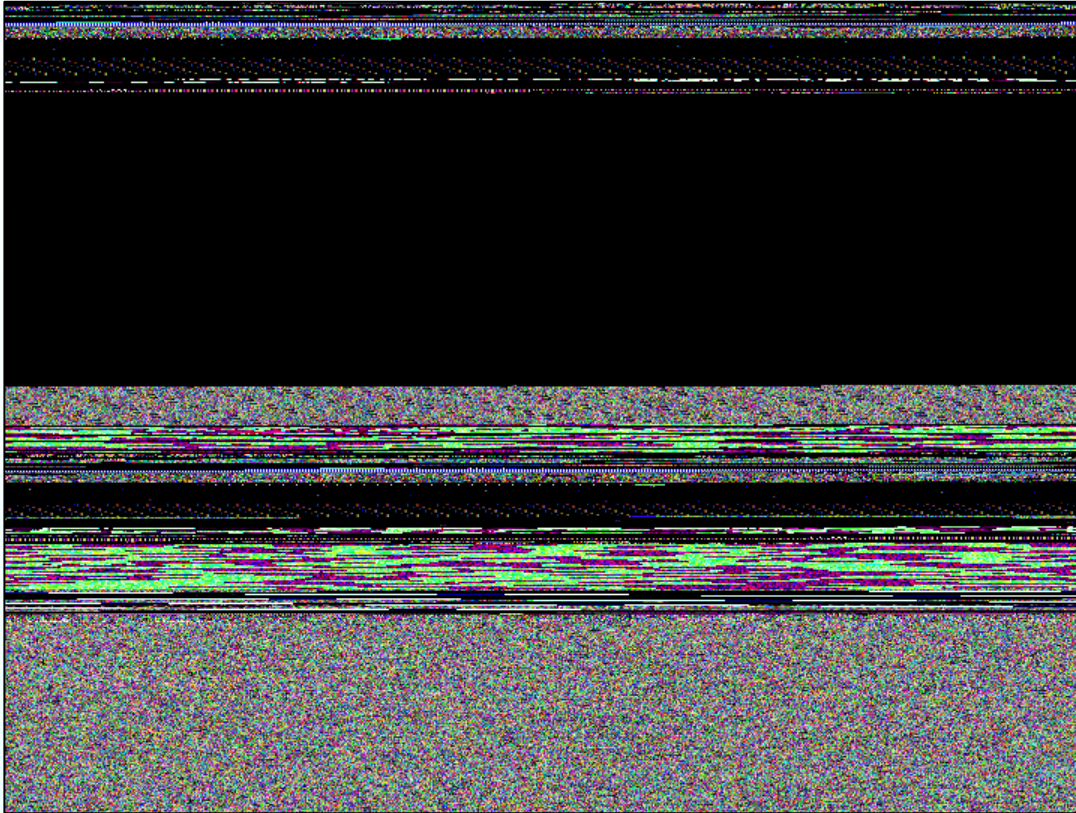
Salton Sea Beneficial Uses*

- **Warm water ecosystem**
 - Vegetation, fish, wildlife, invertebrates
- **Wildlife habitat**
- **Water contact recreation**
- **Non-contact water recreation**
- **Preservation of rare, threatened, endangered species**



* Water Quality Control Plan for the Colorado River Basin, CRWQCB-R7, 1994.
(Salton Sea was designated as a sump for agricultural drainage in 1924)

New and Alamo Rivers, IV Drains BUs*



Warm water ecosystem

Wildlife habitat

Rare, threatened,
endangered species

Recreational activities (I & II)

Freshwater Replenishment

* Water Quality Control Plan for the Colorado River Basin, CRWQCB-R7, 1994.
(New and Alamo Rivers also include industrial supply and hydropower generation as potential uses, respectively)

Potential WQ Impacts of Transfer

- Salton Sea salinity

Salinity Impacts

- Aquatic life
- Salton Sea Restoration Project
- Impacts contingent on selection of specific water conservation measures

Conservation Measures and BMPs



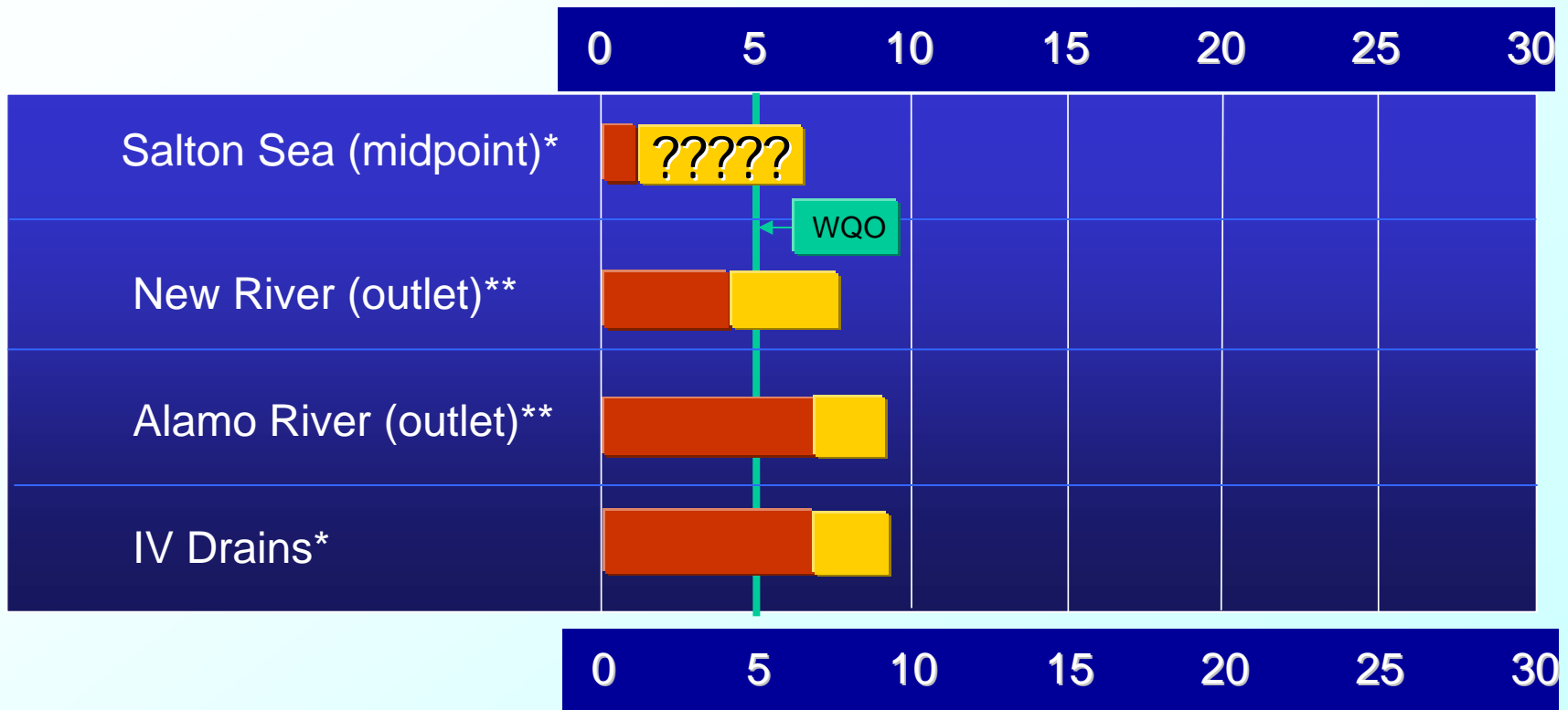
Potential WQ Impacts of Transfer

- Selenium

Selenium Impacts

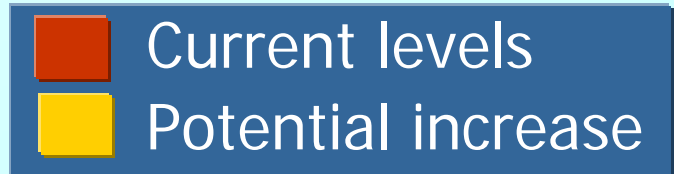
- Fish consumption advisory
- Wildlife threat
- Exceedance of Water Quality Standards
- Impact contingent on water conservation measures

Selenium (ppb)



* CRWQCB-R7 Trend Monitoring Data

** CRWQCB-R7 Exhibit No. 4



Ag Return Flows

