

# El Nino: Watershed Impressions



*Connect.  
Create.  
Conserve.*

Rob Hutsel, Executive Director and Co-Founder



*Connect. Create. Conserve.*



# Sediment Movement – Mission Valley



*Connect. Create. Conserve.*



# Erosion Up Close



*Connect. Create. Conserve.*





# Stormwater Trash



Good News – Most sites saw less trash than previous years

Bad News – Forester Creek

*Connect. Create. Conserve.*



# Dissolved Oxygen Levels

- 16% Increase at all monitoring sites
- 61% Increase at ponds (Santee and Mission Valley)
- Nitrate, Phosphate, Ammonia exceeds Basin Plan
- Example: River Garden Site
  - Nitrate 2.0 mg/L
  - Phosphate .3 mg/L



# Aquatic Plants



*Connect. Create. Conserve.*



# Spread of Invasive Plants - Pistia



*Connect. Create. Conserve.*





# Recharge – Headwater Streams



*Connect. Create. Conserve.*



# After Initial Storm



*Connect. Create. Conserve.*







*Connect. Create. Conserve.*



# FINAL THOUGHTS

Rob Hutsel

619-297-7380

[rob@sandiegoriver.org](mailto:rob@sandiegoriver.org)

*Connect. Create. Conserve.*

