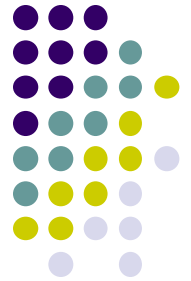


Water Utility Workshop

(April 14, 2011)



Small Volume Discharges

Planned/Unplanned Discharges of the Potable Water System

City of San Jose
Environmental services Department

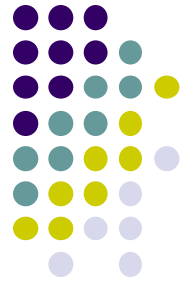
Implementation – Field Operations



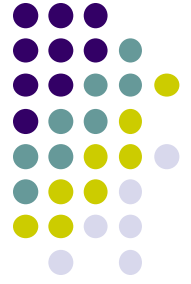
- **Equipment Evaluation & Selection**
- **Costs**
- **Training**
- **Initial Impacts & Adjustments**
- **Status**



Equipment Evaluation & Selection



- Can We Use Existing Equipment?
- Horiba Instruments multimeter
- Hach Instruments (pocket)
- 2100 (loaner from Hach) for turbidity
- PH strips
- DeChlor Tabs
- Diffusers



Costs

- Hach Instruments DR890 \$1,050ea.
- Diffusers including dual read pitot gauge \$900
- Vita-D DeChlor Tabs \$1,550 for 140 tabs



Training

- DR890
 1. Turbidity
 2. PH
- MRP requirements
 1. Planned discharges – flow paths, receiving water bodies, gpm, flow rate

Initial Impacts and adjustments

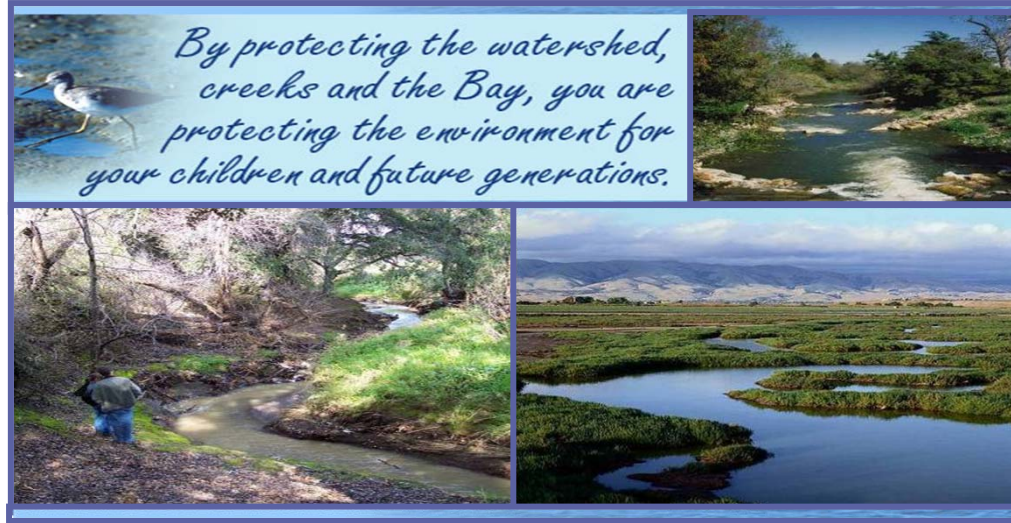


- Input and feedback from staff
- Documentation and monitoring
- Initially two staff to perform hydrant maintenance and monitoring
- Productivity decreased due to monitoring
- Sharepoint

Status



- Increased paperwork
- One staff performing maintenance
- Equipment and supplies stored on service vehicles
- Productivity has improved
- Monitor supplies
- Budget for supplies
- Acceptance of staff and awareness



*By protecting the watershed,
creeks and the Bay, you are
protecting the environment for
your children and future generations.*



Questions?