

CITY OF DANA POINT

A PARADIGM FOR WATER QUALITY



Dana Point – Harboring the Good Life.....

RECENT SUCCESS AT SALT CREEK OZONE TREATMENT PLANT



- Achieved goal of reduced postings during first year of operation
- SDRWQCB has acknowledged that the system treats bacteria to meet Ocean Plan criteria
- Data assessment concludes that Salt Creek beaches (Monarch, Salt Creek, Dana Strands) meet de-listing criteria and should be removed from 303(d) list of impaired waterbodies for indicator bacteria (2008)
- Continue to optimize operational protocols with South Coast Water District
- Investigating reuse of treated urban runoff

DOHENY STATE BEACH EPIDEMIOLOGY & MICROBIAL SOURCE TRACKING STUDY



- City worked diligently to help find funding for this important study to help determine:
 - is the bacteria a health hazard?
 - where the bacteria is coming from?
 - test new indicators
- Grant funding awarded through State Consolidated Grants Program – Ocean Protection Projects & NIH with \$500K contribution from City
- Conducted by SCCWRP & UC Berkeley, & expert advisory committee
- Summers 2007 & 2008 & 2009, with other beaches

ACTIVE COOPERATIVE PARTNERSHIP WITH SOUTH COAST WATER DISTRICT

- Grease interceptor rebate program
- Coordinated food facility inspections, including NPDES, enhanced with roof top inspections
- Partner on outreach events & involvement with local community groups
- Development of strategy to address roots in private laterals (main cause of sewer spills in Dana Point)
- Superior O&M services at Salt Creek Plant, cooperate on 13 nuisance water diversions

HARBOR, BABY BEACH, NORTH CREEK



- Continued pursuit of funding for Army Corps to assess adverse impact of Dana Point breakwater & jetty on water quality.
- Coordinate County efforts at Baby Beach.
 - explore circulation issues
 - County Beach Sweep pilot project
- Pilot Ozone “package plant” at North Creek

HEADLANDS



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- Comprehensive treatment train approach to address urban runoff, including diversions, inlet filets, trash separation, media filters.
- City has coordinated closely with RWQCB for construction NPDES compliance.

ADDITIONAL INITIATIVES

- HOA inlet filters incentive for HOAs
- Increased fines for first offense of water quality ordinance to \$1,000 from \$100.
- Dana Point Earth Ocean Society
- Regular Environmental Column in Dana Point News