

1/31/2007: Report on Camrosa Water Recycling Plant and Fact Sheet

- Operations: 1 Superintendent, 2 Operators
 - 8 – 5 day shift only – stand by @ night
 - On site computer used to monitor
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- Plant Criteria
 - 2.2 MGD
 - Site = 19 acres(includes old site)
 - Influent: BOD=250-300
 - Chlorides = 180-200 (Interim Limit is 190)
 - Discharge to Calleguas Creek will be 120?
 - New permit due 2009
 - Headworks is 25' deep(?)
 - Process = Activated Sludge(?) & DynaSand Filters
 - Backup redundancy
 - Wet flow @ 3.6 mgd
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- Costs
 - Capital Costs/Construction = \$8MM
 - 2% change orders
 - Electrical costs = \$130,000/yr
 - Sludge: 400-500 tons/yr @ \$50/ton to haul
 - Chemical costs = \$58,000/yr (sodium hypochlorite)
 - Took 18 months to construct
 - Sewer rates = \$18.50/month(8200 ERU)
 - Includes \$500,000 debt service/yr
 - Will go up \$0.25 this year

- Observations/Comments
 - Lots of concrete!
 - Didn't use "non-reactive aggregate" concrete
 - They are getting \$200/af from CSUCI
 - Very spread out
 - Few odor complaints. They could eliminate by covering bar screen
 - Never been out of compliance
 - Very clean and well maintained plant
 - Transition was painless