



## Central Valley Regional Water Quality Control Board

### APPLICATION REQUIREMENTS FOR NPDES PERMITS (see 40 CFR 122.21 for federal requirements for a complete NPDES Application)

#### Completed and signed NPDES Applications

Report of Waste Discharge (Form 200), plus  
Form 1, plus  
Form 2A, 2B, 2C, 2D, 2E or 2F

([http://www.waterboards.ca.gov/centralvalley/business\\_help/permit3.html](http://www.waterboards.ca.gov/centralvalley/business_help/permit3.html))

#### Filing Fee for new discharges

<http://www.waterboards.ca.gov/fees/docs/adoptedfeeschedule.pdf>

#### Site map and schematic of facility

CEQA Documents (EIR, Negative Declaration, etc.), if available for project

Description of plans for growth or expansion of facilities, or other modifications planned for the next five years.

Recent Facility Upgrades and upgrades anticipated during the next NPDES permit cycle (five to seven years)

#### Anti-Degradation Analysis for new or expanding discharges.

- Infeasibility Study for Wastewater Disposal Alternatives
- Regionalization and Recycled Water Alternatives

California Toxic Rule/National Toxic Rule constituent analyses for effluent and receiving water

- Conducted within last permit cycle for permit renewals

#### Receiving Water Information

- Low flow data (7Q10 and 1Q10)
- Evaluation of background constituent concentrations to determine effluent constituents for which dilution may be needed
- Upstream and downstream receiving water hardness data (include effluent hardness data if ephemeral stream)
- Location of nearest downstream domestic, industrial and irrigation water diversions

#### Studies (as needed for the discharge)

- Dilution studies (if dilution is being requested)
- Mixing Zone Analysis for aquatic toxicity
- Water Effect Ratio Studies (if applicable)
- Thermal Plan exemption studies

#### Infeasibility Analysis (as potentially needed for future permit renewal; not applicable to new discharges)

- Evaluation of existing facilities' ability to comply with potential future permit requirements
- Description of proposed treatment upgrades or controls to be implement to comply with potential future permit requirements
- Timeline and milestone schedule for proposed upgrades and/or controls

#### Salinity

- Electrical conductivity of each water supply for community and annual volume supplied by each water source
- Summary and copies of regulations impacting wastewater salinity
- Plans and progress for salinity control for wastewater salinity

#### Sludge Management Plan

- Description of onsite and offsite solids and sludge treatment and disposal methods implemented
- Disposal method for all solids and sludge produced due to treatment of influent
- Monitoring required by entity receiving sludge or biosolids (i.e. landfill or sludge management contractor)
- Information on responsible parties for beneficial reuse per Part 503 Regulations
- Groundwater monitoring associated with potential impact to groundwater of stored or land-applied sludge to land.

#### Pretreatment

- Full description of pretreatment program implemented by Discharger for industrial flows into collection system

#### Groundwater

- Description of wastewater treatment, storage and/or disposal into ponds or wastewater applied to land
- Description of implemented BPTCs (i.e. pond liners) to minimize impact to groundwater
- Existing ground water monitoring requirements
- Existing groundwater data