Introduction to the Dairy Program Staff

History and status of the Dairy Permit, Order No. R8-2013-001

The pollution problem

Areas that are expected to change

Areas for potential change

Break

Comments
History and Status of the Dairy Permit Order No. R8-2013-0001

- Preceded by individual orders between 1972 and 1994
- General orders: Order No. 94-7, Order No. 99-11, Order No. R8-2007-0001
- Order No. R8-2013-0001 adopted in June 2013
- Due for renewal in June 2018
- If not renewed, administratively extended until renewed
Major features of the Dairy Permit

- Discharges of pollution are prohibited unless the “production area” has been constructed and operated to contain wastewater and runoff from a 24-hour, 25-year storm event (40CFR412.31(a)(1)(i)).
- Engineered Waste Management Plan – details the structures and controls a dairy will use to comply
- Relies on salt off-set program for dairy wastewater in Chino Basin (Optimum Basin Management Program)
- Prohibits manure applications to land in Chino Basin
- Allows manure and wastewater applications to land in San Jacinto so long as an off-set program is being developed
- Nutrient Management Plan – details structures and controls to prevent discharges to surface and groundwater from cropland where dairy waste is applied; no cropland – no plan
Permit Renewal Goals

- Consistency with federal regulations
- Continuity with current permit
- Consistency with Total Maximum Daily Loads
  - Pathogens in the Middle Santa Ana River
  - Nutrients in Lake Elsinore and Canyon Lake
Salt Offset Programs

- **Chino Basin**
  - Well-established in Optimum Basin Management Program
  - Desalters in place
  - Chino Basin Watermaster, SAWPA, dairies, and other stakeholders
  - Offsets salt loading from dairy wastewater NOT manure disposal
  - Offset program has been approved by the Board

- **San Jacinto Basin**
  - Desalters in place
  - Not yet a complete system due to complex groundwater hydrology
  - In meantime, salt loading is ongoing from both wastewater and manure disposal
  - Offset program has NOT been approved by the Board
Changes

Changes to the NOI Requirements

- New NOI must be submitted with 100-days of adoption of the new permit.
- Declaration to continue to implement the approved EWMP and NMP.
- Any new EWMP and NMPs should be included with the new NOI.
Changes (cont’d)

- Improve manure manifest system: application site information
  - Written approval from agricultural operator/landowner
  - Parcel numbers
  - Rely on Conditional Waiver of Waste Discharge Requirements for Agricultural Dischargers to provide location information
Changes

- TMDL requirements
  - Eliminate ineffective TMDL requirements
  - Incorporate work plan commitments directly into permit
  - Rely on best management practices for non-production areas
  - Improve enforcement of freeboard indicator marker requirements
    - Add requirements to ensure validity of freeboard marker
    - Placement by a qualified surveyor
    - Certification that placement is accurate
Break

COMMENTS