Our Plan for Occidental -- The "Treatment Train":

* **Secondary and Tertiary Treatment** with a NEW plant by Dutch Bill Creek at the existing "Lift Station" on Bohemian Highway (cost estimate by manufacturers only $960,000 + $270,000)

* **Ultra-Violet Disinfection** before discharge (cost estimate by manufacturer only $100,000)

* **Add minimal “site preparation”, “housing”, engineering, etc** -- (our estimate $500,000 - $750,000)

  total cost of project: about $2 million (less than ½ the projected cost of the recently abandoned Facendini Lane plan!)

* **Adapt** existing Occidental Road ponds for dry-season storage;

* **Irrigate** approximately 10 acres in the dry season; (only about 1/2” per acre per week!)

* **Advantages**: “KISS” (“keep it simple s----d”)
  1. Cheap and affordable;
  2. Little to no new infrastructure;
  3. Low cost operation and maintenance;
  4. Possibly lower sewer rates;
  5. Proven technology within the Northcoast Region (Ferndale);
  6. Discharge complies with Regional Board “Basin Plan”;
  7. Small 40’ X 60’ footprint on SCWA land.

**Time is of the essence**! Concentrate efforts on conversion to tertiary! **No need to obtain new irrigation land now**! The Lades’ contract for irrigation is good through 2017!

Irrigate Lades’ land with tertiary; transition current Occidental Road ponds to storage; get out of and clean up Graham’s Pond!
The Treatment Plant

- Headworks
- Aeration Basin
- Tertiary Filter
- Secondary Clarifier
- Ultra-Violet Disinfection

Dry Weather
- Storage Pond
- Irrigation

Wet Weather Discharge to Dutch Bill Creek