

**FOX CANYON GMA BASIN MANAGEMENT OBJECTIVES REPORT CARD  
OXNARD PLAIN - UPPER AQUIFER SYSTEM  
Updated January 2011**

**Goal:** Prevent saline intrusion in the Oxnard and Mugu Aquifers. Primary source is seawater inflow via aquifer outcrops in submarine canyons near Port Hueneme and Pt. Mugu.

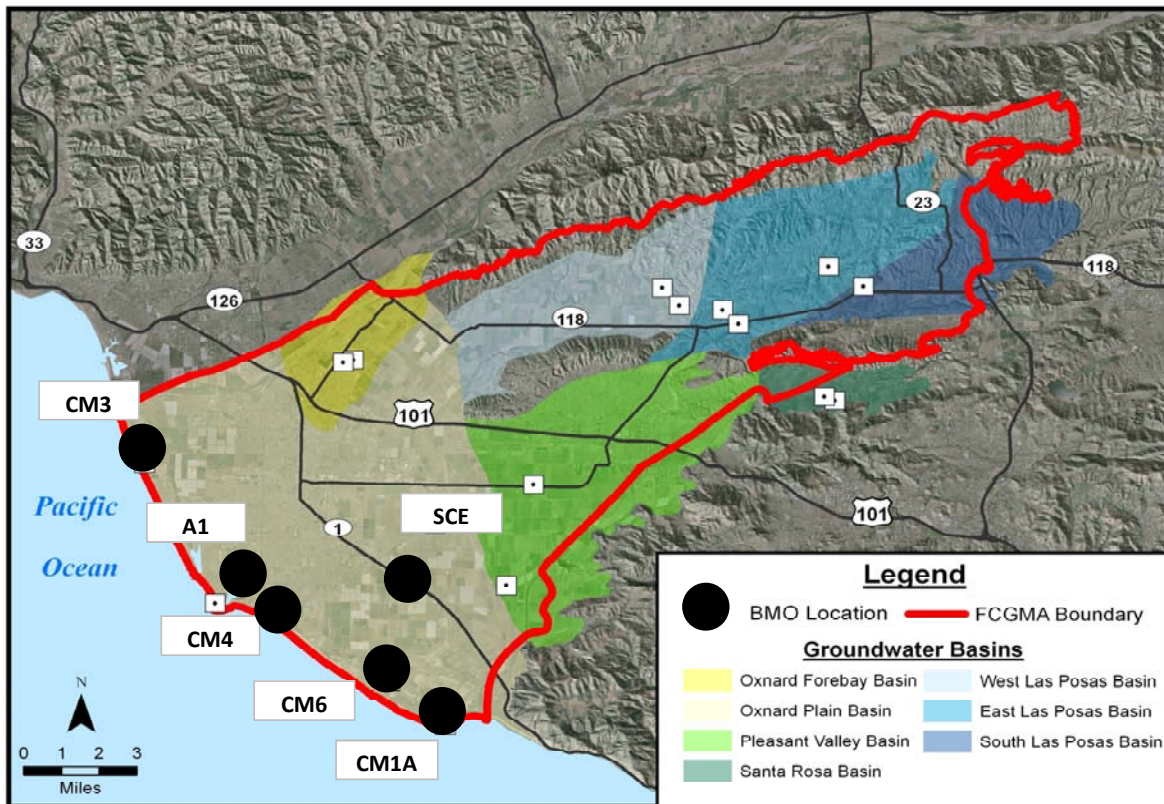
**BMOs:** Water Levels: Average groundwater elevations sufficient to maintain slight seaward groundwater gradient. Elevation varies with location.

Chloride Concentration: 150 mg/L Chloride (LARWQCB Basin Plan Objective).

**Status Summary:** 6/9 locations did not meet the WL and chloride BMOs in 2010. UAS water levels declined and the remaining WL BMOs will not be met if trends continue. Despite declining water levels, chloride concentrations are rising at only two locations. Chloride is declining at one location.

**Status Summary Table**

| State Well Number<br>(name) | Depth<br>(ft) | Water Level (ft msl) |          | Chloride (mg/L) |          | 5-yr Trend  |          |
|-----------------------------|---------------|----------------------|----------|-----------------|----------|-------------|----------|
|                             |               | BMO                  | 2010 Ave | BMO             | 2010 Ave | Water Level | Chloride |
| 01N23W01C05S (CM3-145)      | 120-145       | 3                    | 6        | 150             | 45       | ↓           | →        |
| 01N22W20J08S (A1-195)       | 155-195       | 4                    | 7        | 150             | 160      | ↓           | →        |
| 01N22W20J07S (A1-320)       | 280-320       | 8                    | 7        | 150             | 37       | ↓           | →        |
| 01N22W28G05S (CM4-200)      | 180-200       | 5                    | 6        | 150             | 177      | ↓           | →        |
| 01N22W28G04S (CM4-275)      | 255-275       | 7                    | 5        | 150             | 7,000    | ↓           | ↑        |
| 01N21W19L12S (SCE-220)      | 200-220       | 5                    | 2        | 150             | 68       | ↓           | →        |
| 01S22W01H04S (CM6-200)      | 180-200       | 5                    | -4       | 150             | 3,037    | ↓           | ↓        |
| 01S22W01H03S (CM6-330)      | 310-330       | 8                    | -9       | 150             | 2,367    | →           | ↑        |
| 01S21W08L04S (CM1A-220)     | 200-220       | 5                    | -5       | 150             | 16,850   | →           | →        |



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