

Note: Daily mean salinity from UCSD SIO (Knowles) simulated at mouth of Napa River. Hourly discharge from Napa River near Napa (CDEC).

figure 5-78

Napa Sonoma Marsh Restoration Feasibility Study- Phase 2 Stage 1

Discharge and Salinity Boundary Data for Napa River



PWA #: 1545/46

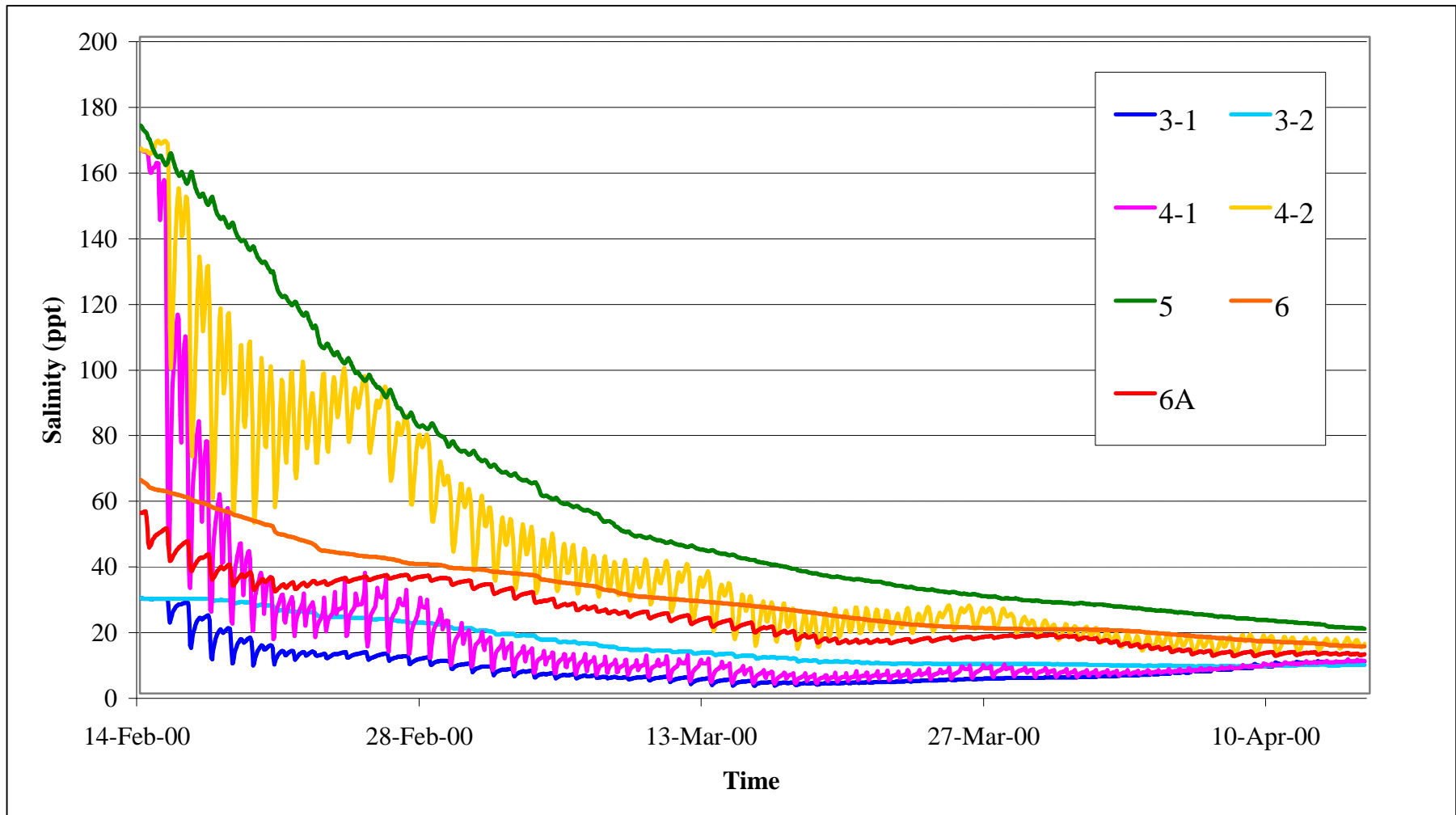


figure 5-79

Napa-Sonoma Marsh Restoration Feasibility Study - Phase 2 Stage 1

Pond Salinity: Alternative 4

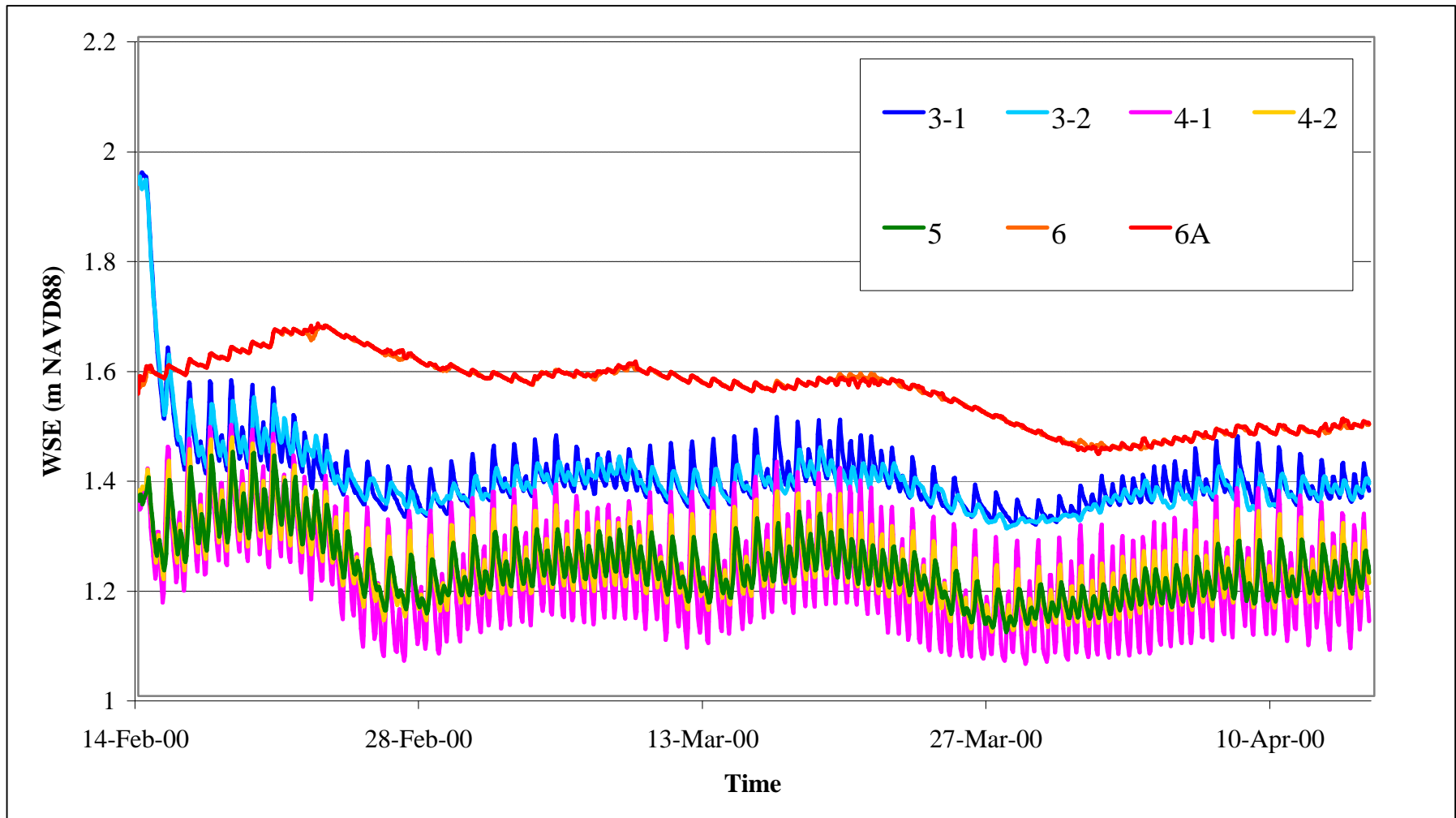


figure 5-80

Napa-Sonoma Marsh Restoration Feasibility Study - Phase 2 Stage 1

Pond WSE Alternative 4

figure 5 - 81

**Salinity Reduction
Alternative 4 –
Plus 1 Day**

1546-08

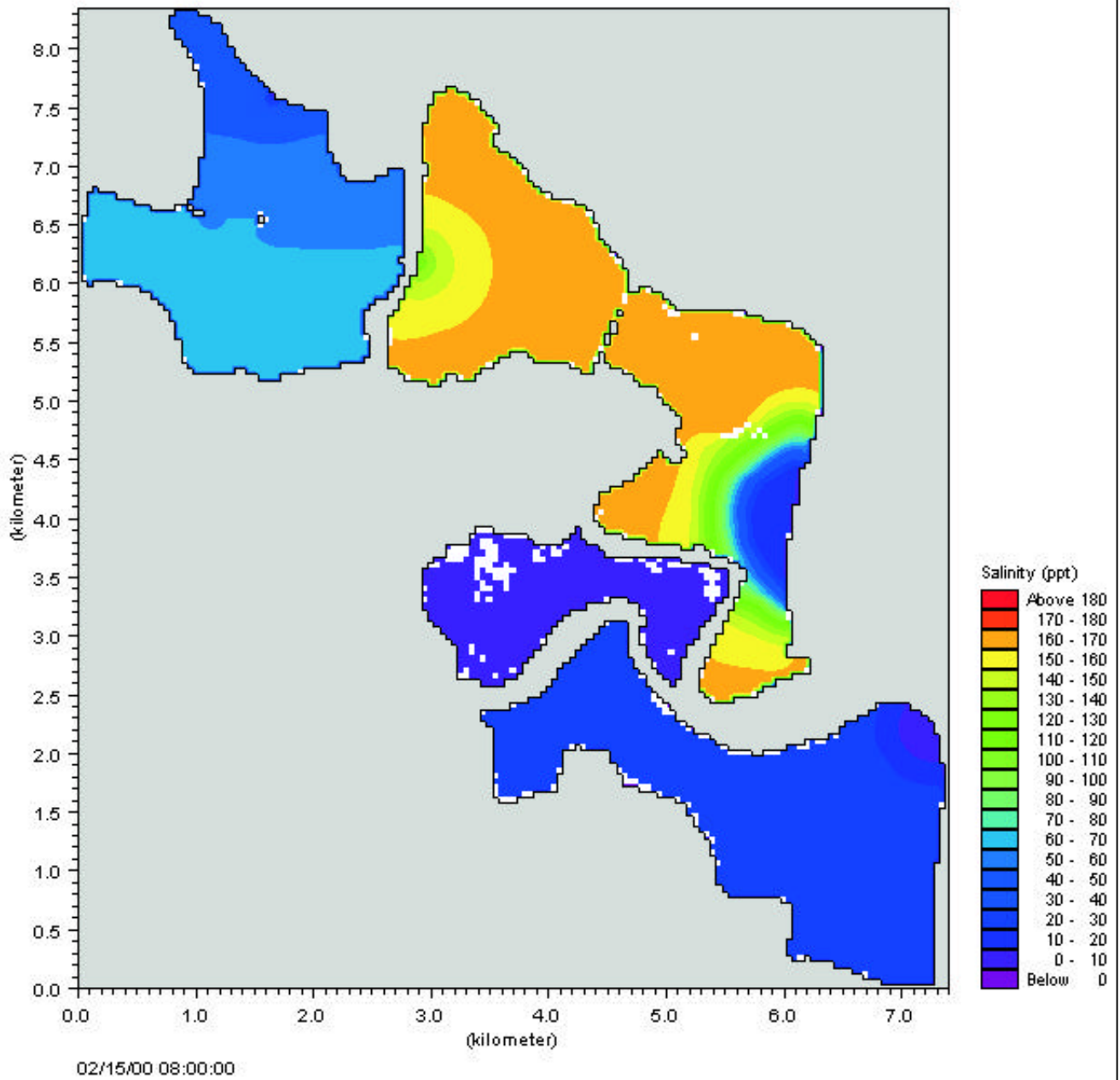


Figure 5-82

**Salinity Reduction
Alternative 4 –
Plus 1 Week**

1546-08

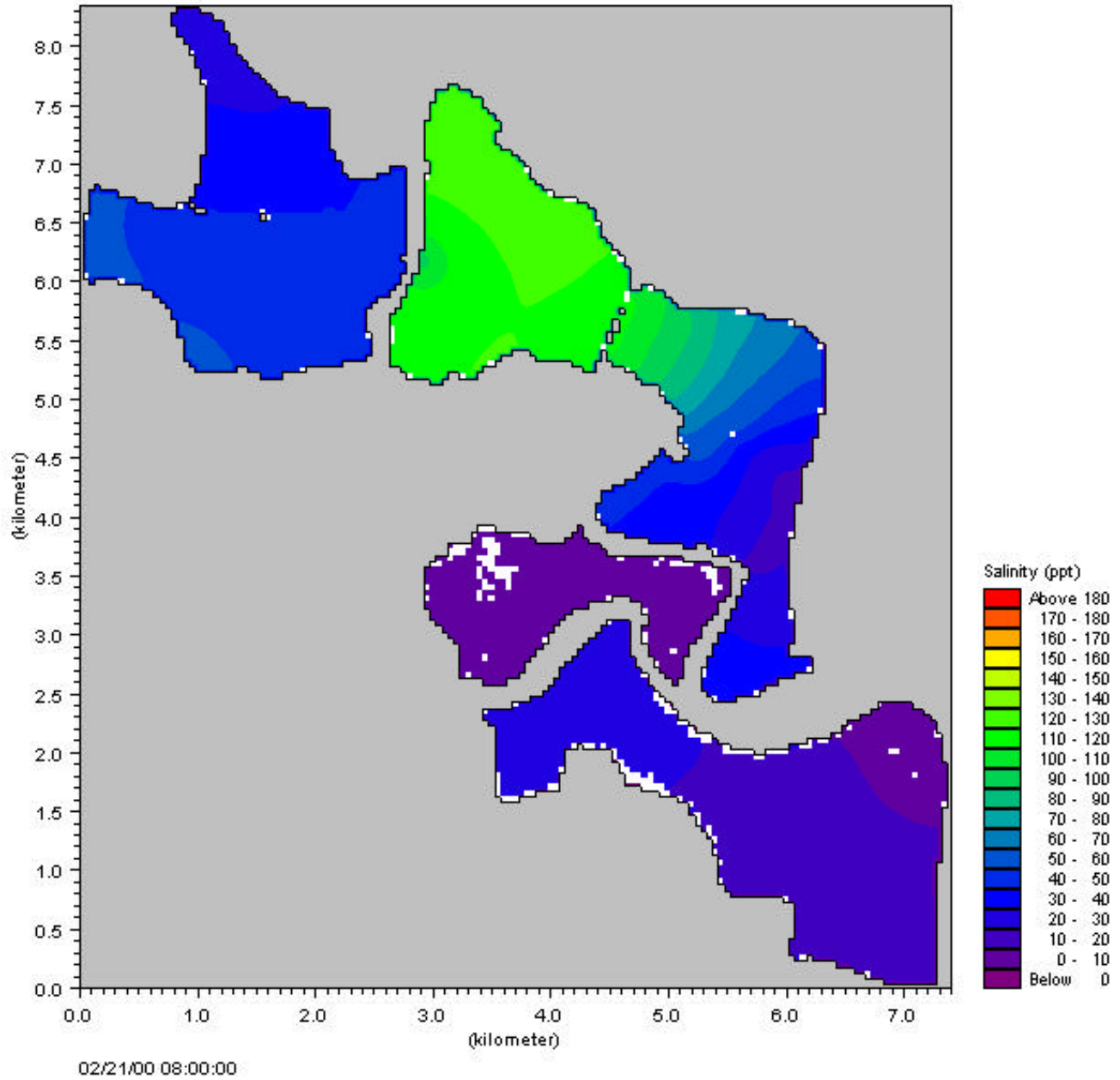
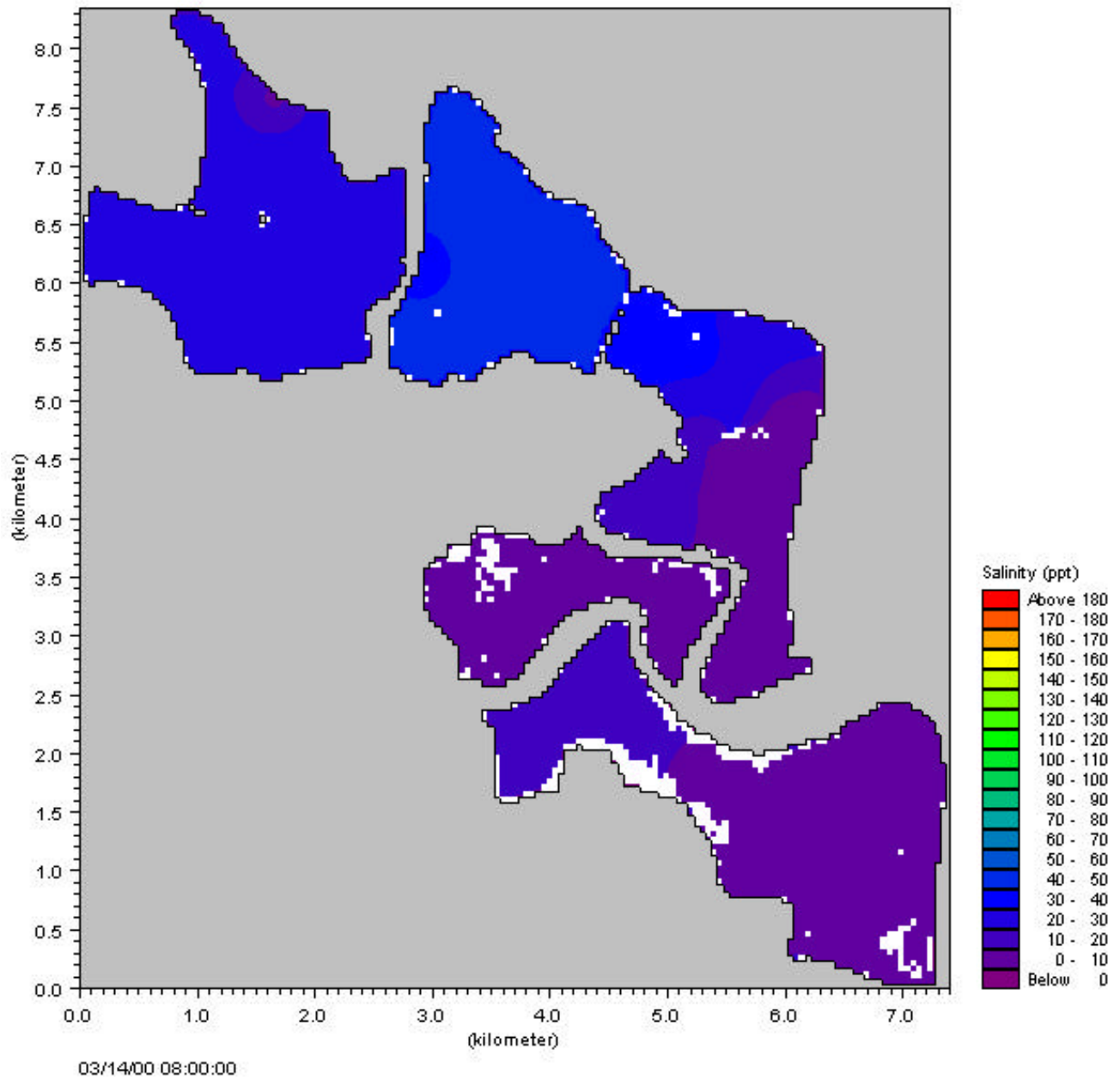
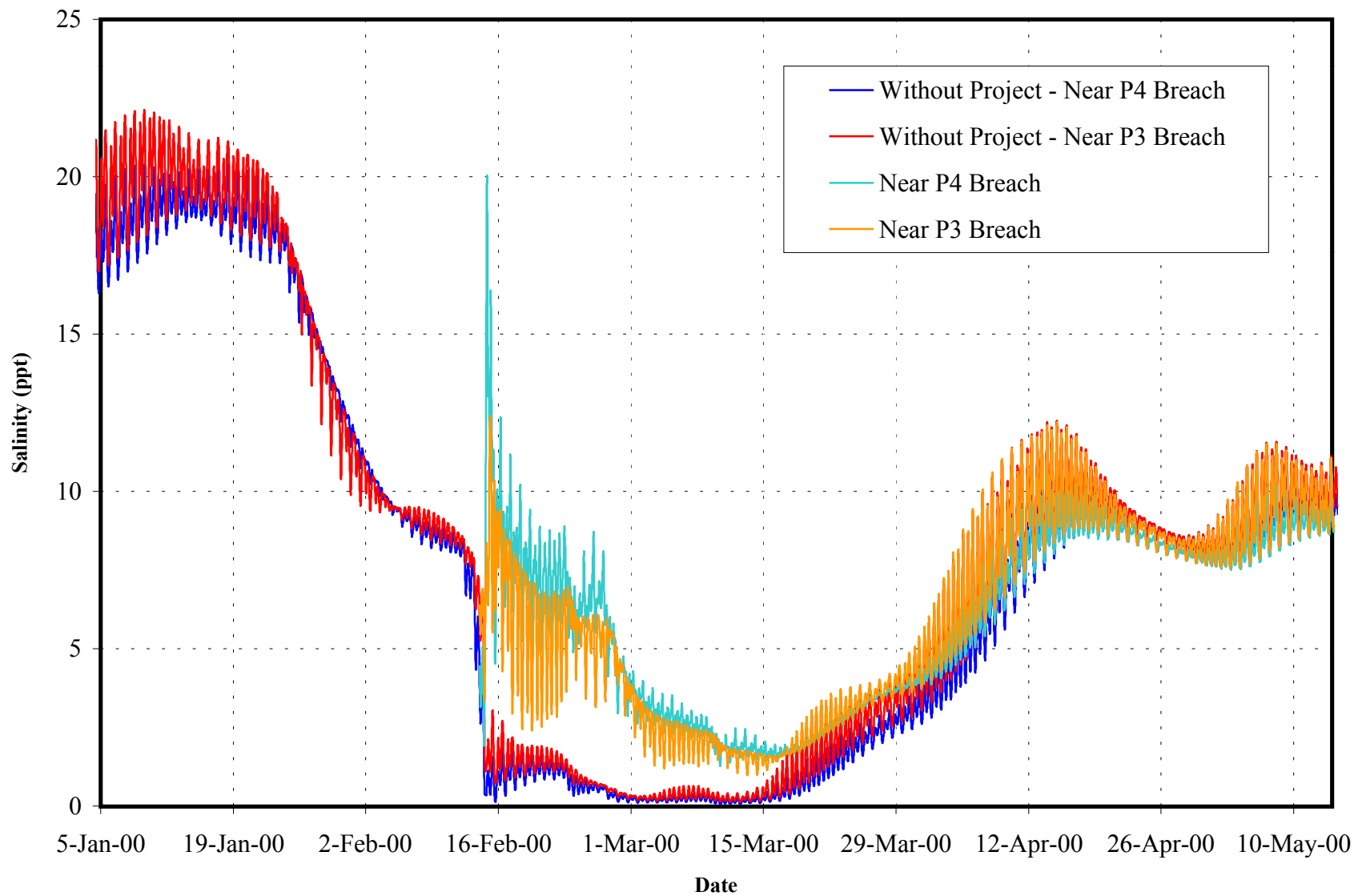


Figure 5-83

**Salinity Reduction
Alternative 4 –
Plus 1 Month**

1546-08





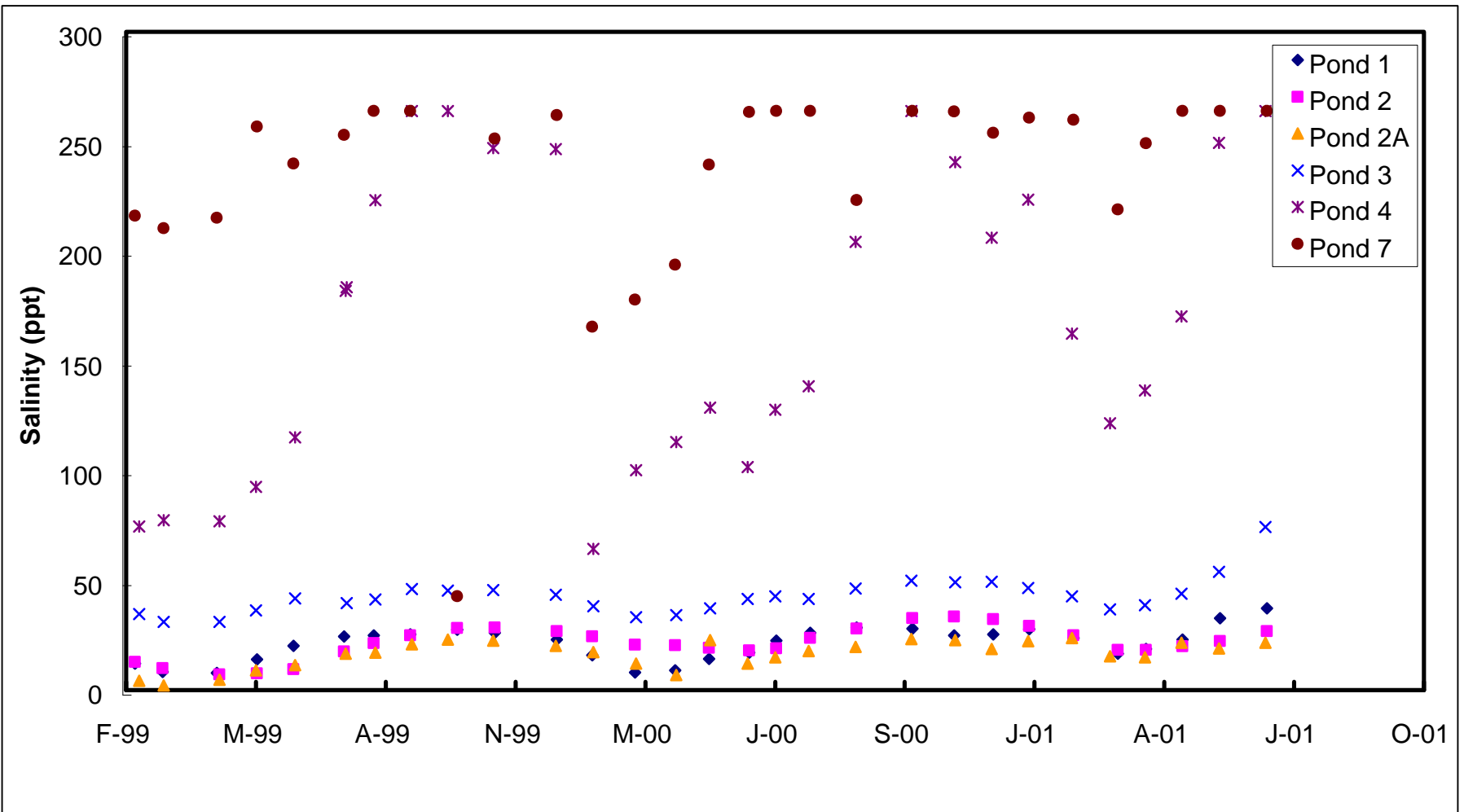
Notes: Salinity in Napa River as simulated by MIKE 11. Data extracted from Napa River near breaches.

figure 5-84

Napa-Sonoma Marsh Restoration Feasibility Study - Phase 2 Stage 1

Alternative 4 - Napa River Salinity

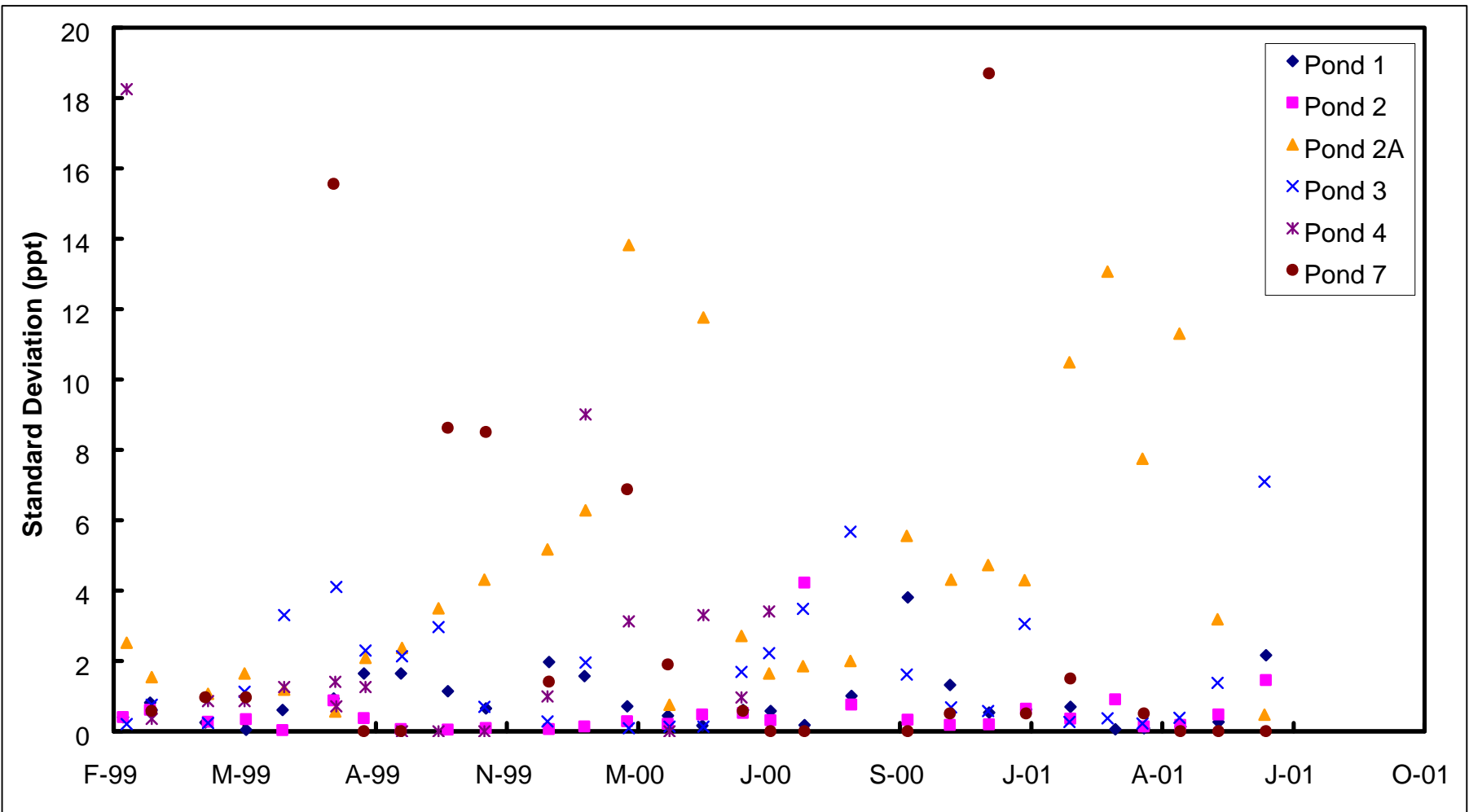




Source: USGS monitoring (Takekawa, *et. al.*, 2000)

figure 5-85

Napa-Sonoma Marsh Restoration Feasibility Study Phase 2 Stage 1
Average Salinity in Time



Source: USGS monitoring (Takekawa, et. al., 2000)

figure 5-86

Napa-Sonoma Marsh Restoration Feasibility Study Phase 2 Stage 1
Standard Deviation of Salinity in Time