

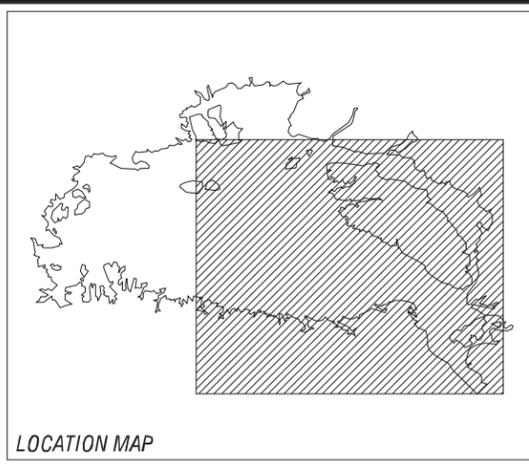
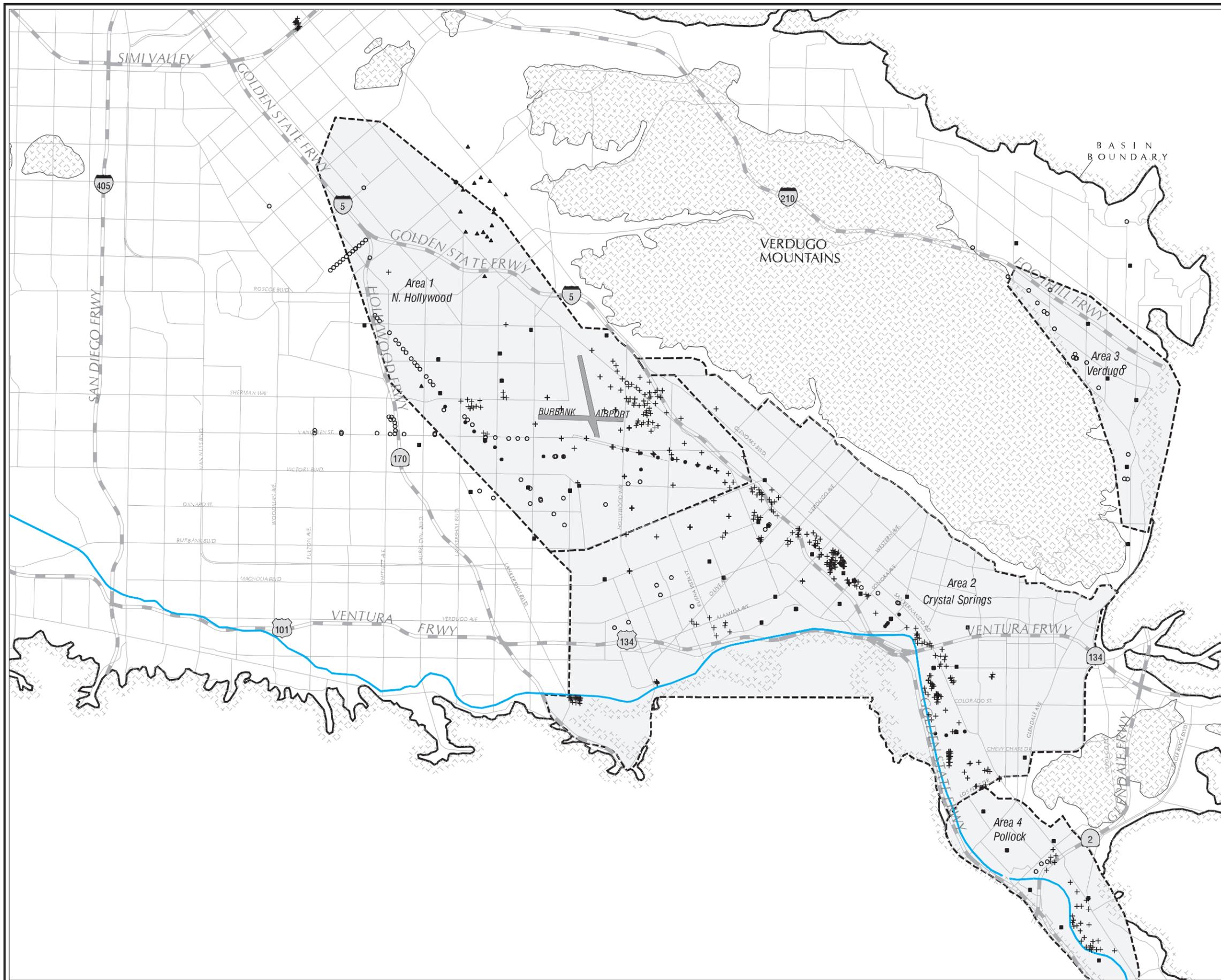
**2003 REPORT  
SAN FERNANDO VALLEY SUPERFUND SITES  
GROUNDWATER MONITORING PROGRAM**

**SAN FERNANDO VALLEY  
LOS ANGELES COUNTY, CALIFORNIA**

**Figures 3-5 through 3-11**

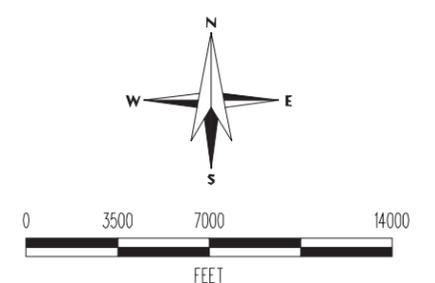
**United States Environmental Protection Agency**

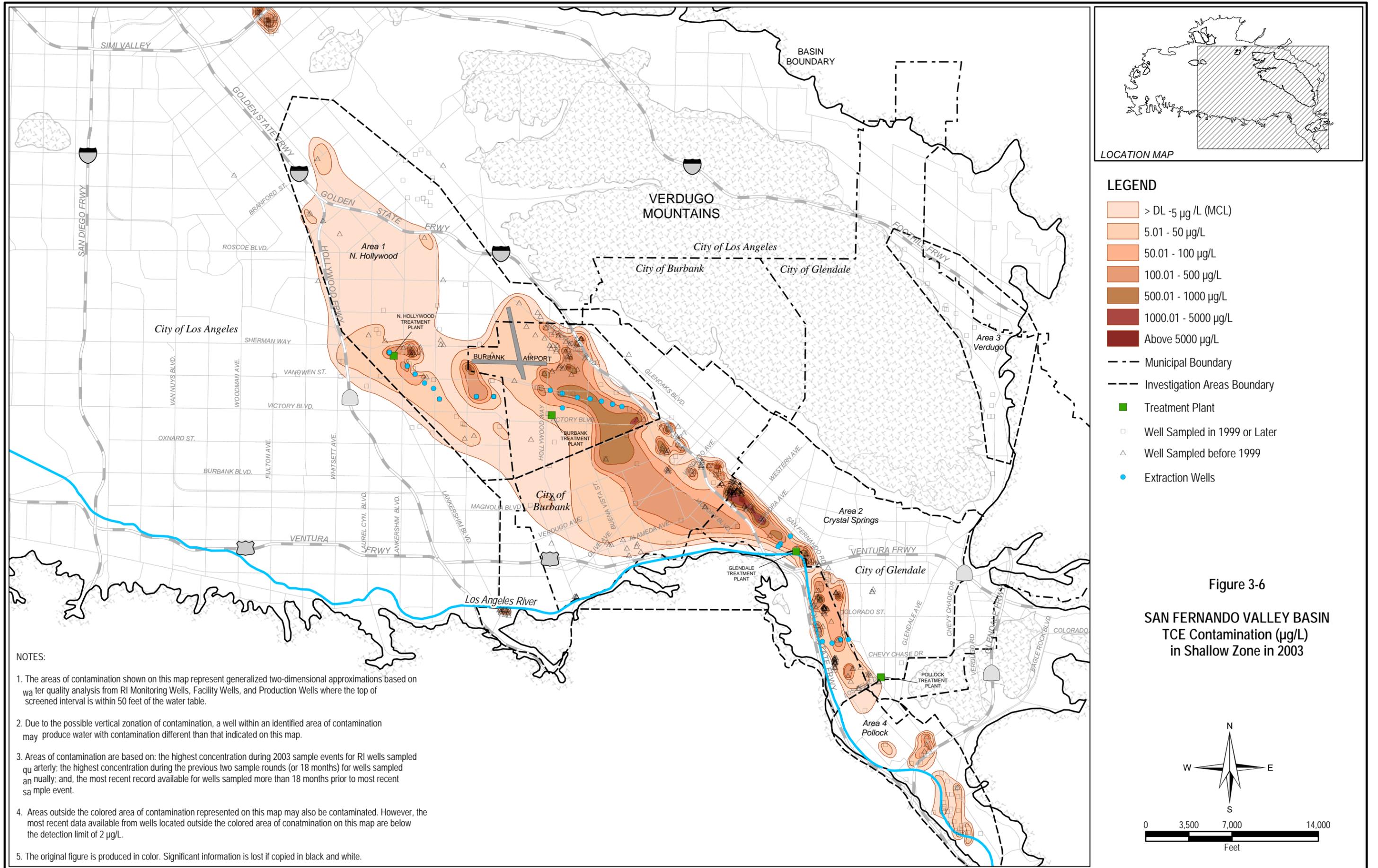
**July 2004**

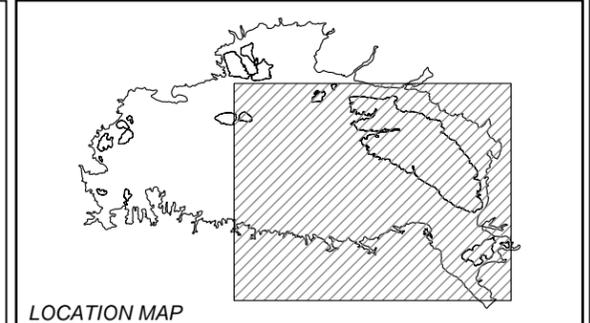
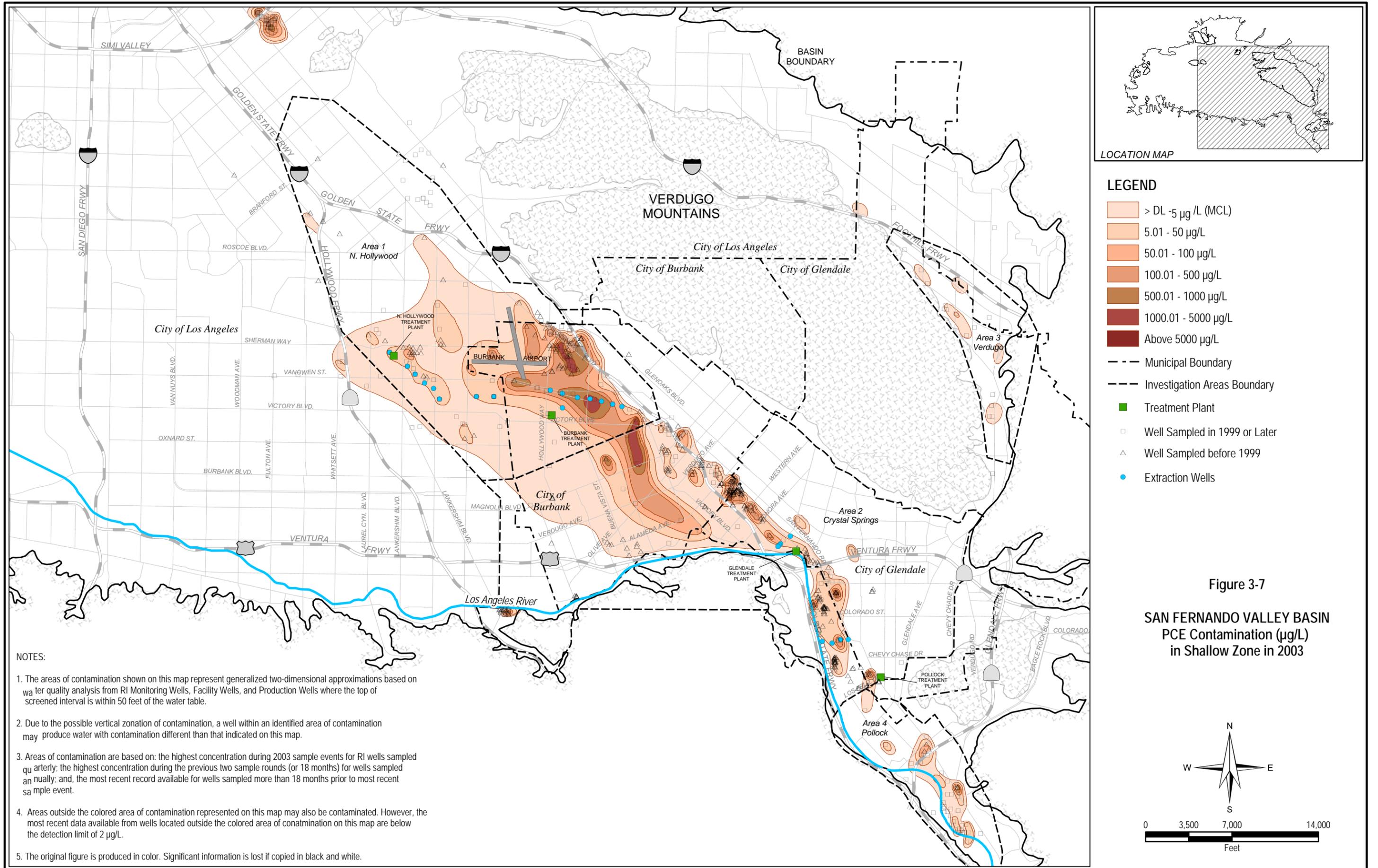


- LEGEND**
- Basin Boundary
  - Freeway
  - RI Well
  - Production Well
  - + Facility Well
  - ▲ Landfill Well
  - Extraction Well

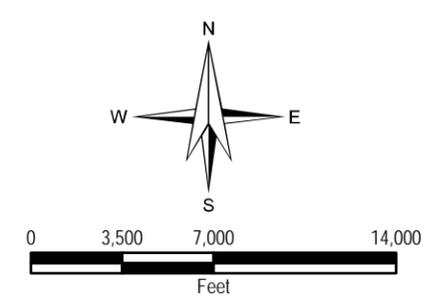
Figure 3-5  
**SAN FERNANDO VALLEY BASIN**  
 Location of Wells used  
 for Preparation of Plume Maps

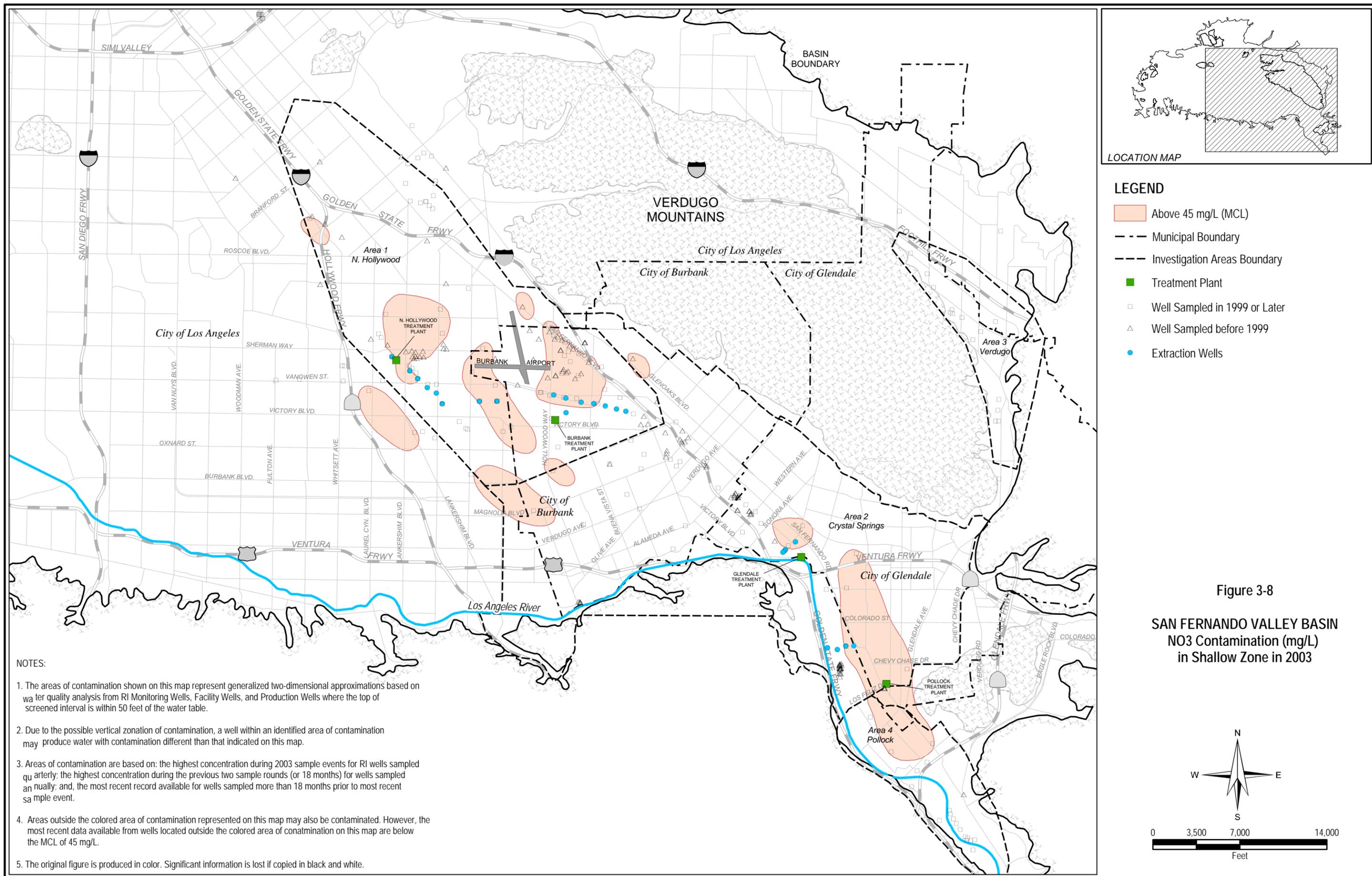


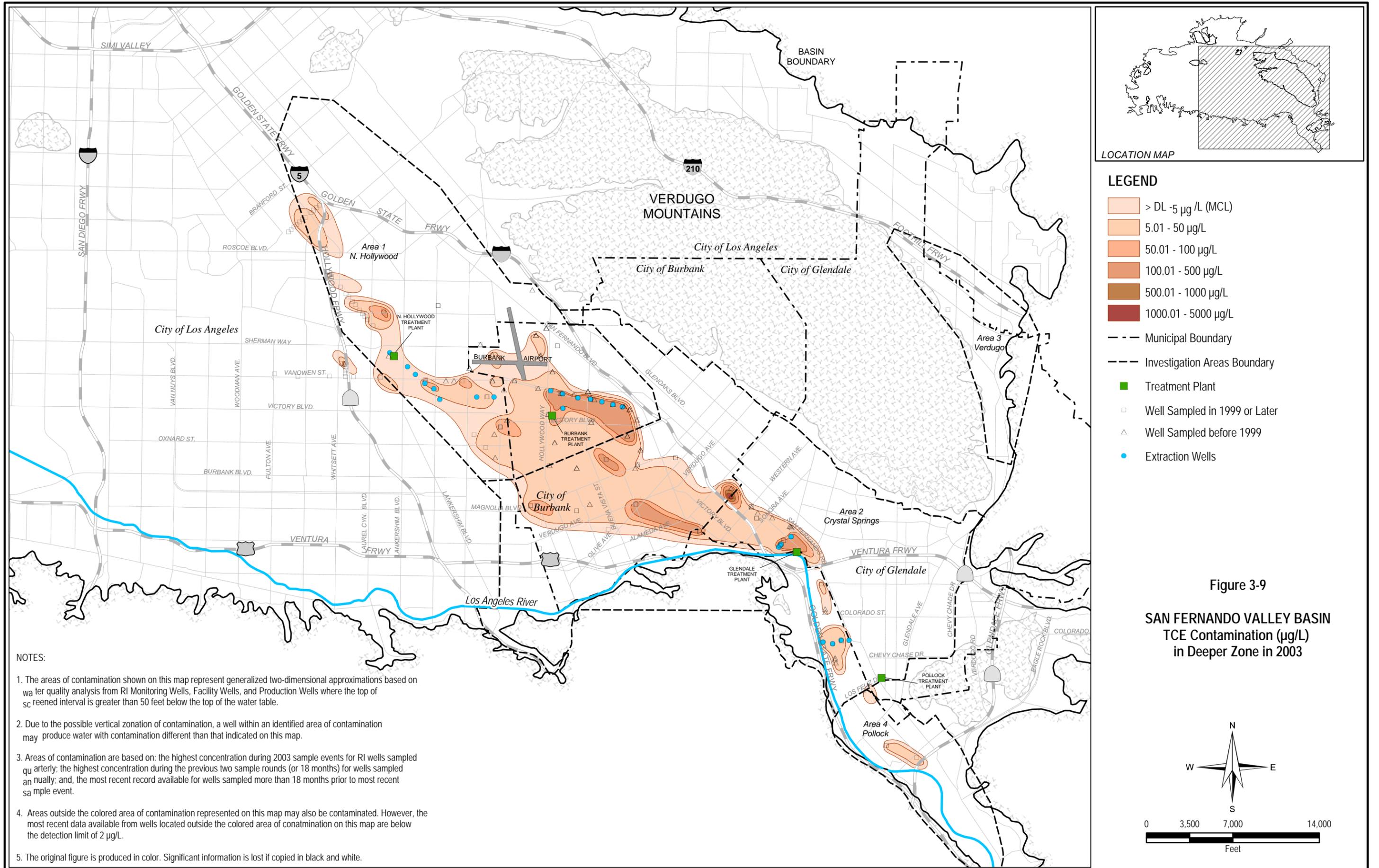




**Figure 3-7**  
**SAN FERNANDO VALLEY BASIN**  
**PCE Contamination (µg/L)**  
**in Shallow Zone in 2003**

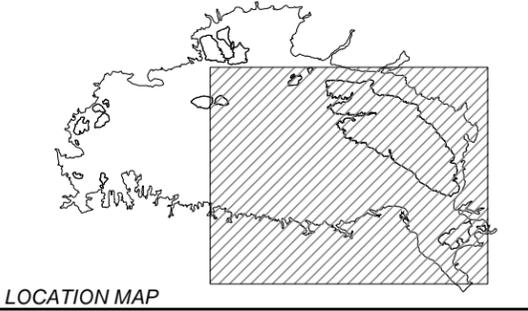
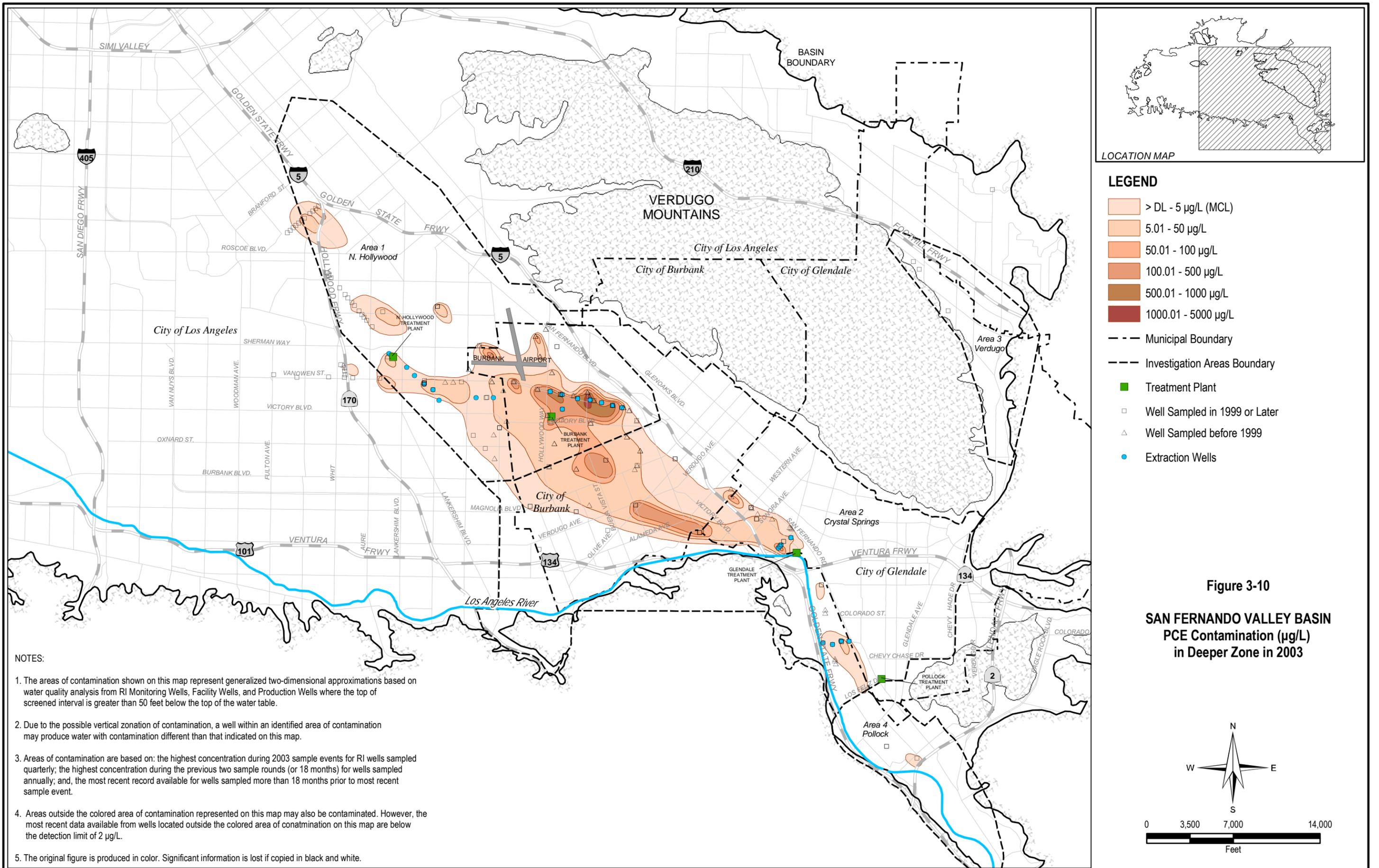






**Figure 3-9**  
**SAN FERNANDO VALLEY BASIN**  
**TCE Contamination (µg/L)**  
**in Deeper Zone in 2003**

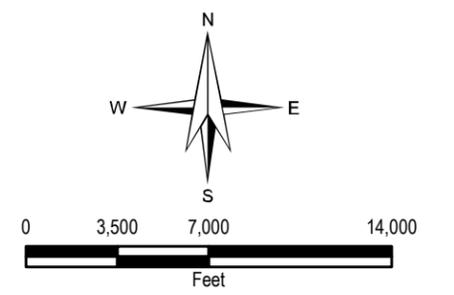
- NOTES:
1. The areas of contamination shown on this map represent generalized two-dimensional approximations based on water quality analysis from RI Monitoring Wells, Facility Wells, and Production Wells where the top of screened interval is greater than 50 feet below the top of the water table.
  2. Due to the possible vertical zonation of contamination, a well within an identified area of contamination may produce water with contamination different than that indicated on this map.
  3. Areas of contamination are based on: the highest concentration during 2003 sample events for RI wells sampled quarterly; the highest concentration during the previous two sample rounds (or 18 months) for wells sampled annually; and, the most recent record available for wells sampled more than 18 months prior to most recent sample event.
  4. Areas outside the colored area of contamination represented on this map may also be contaminated. However, the most recent data available from wells located outside the colored area of contamination on this map are below the detection limit of 2 µg/L.
  5. The original figure is produced in color. Significant information is lost if copied in black and white.



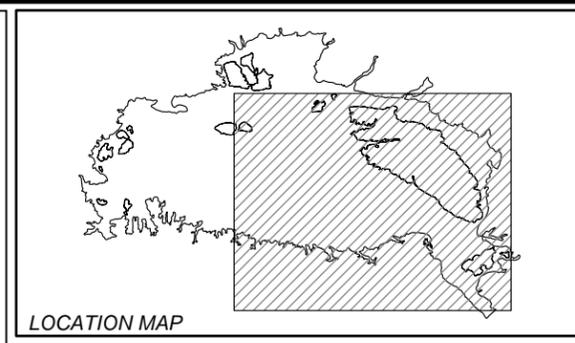
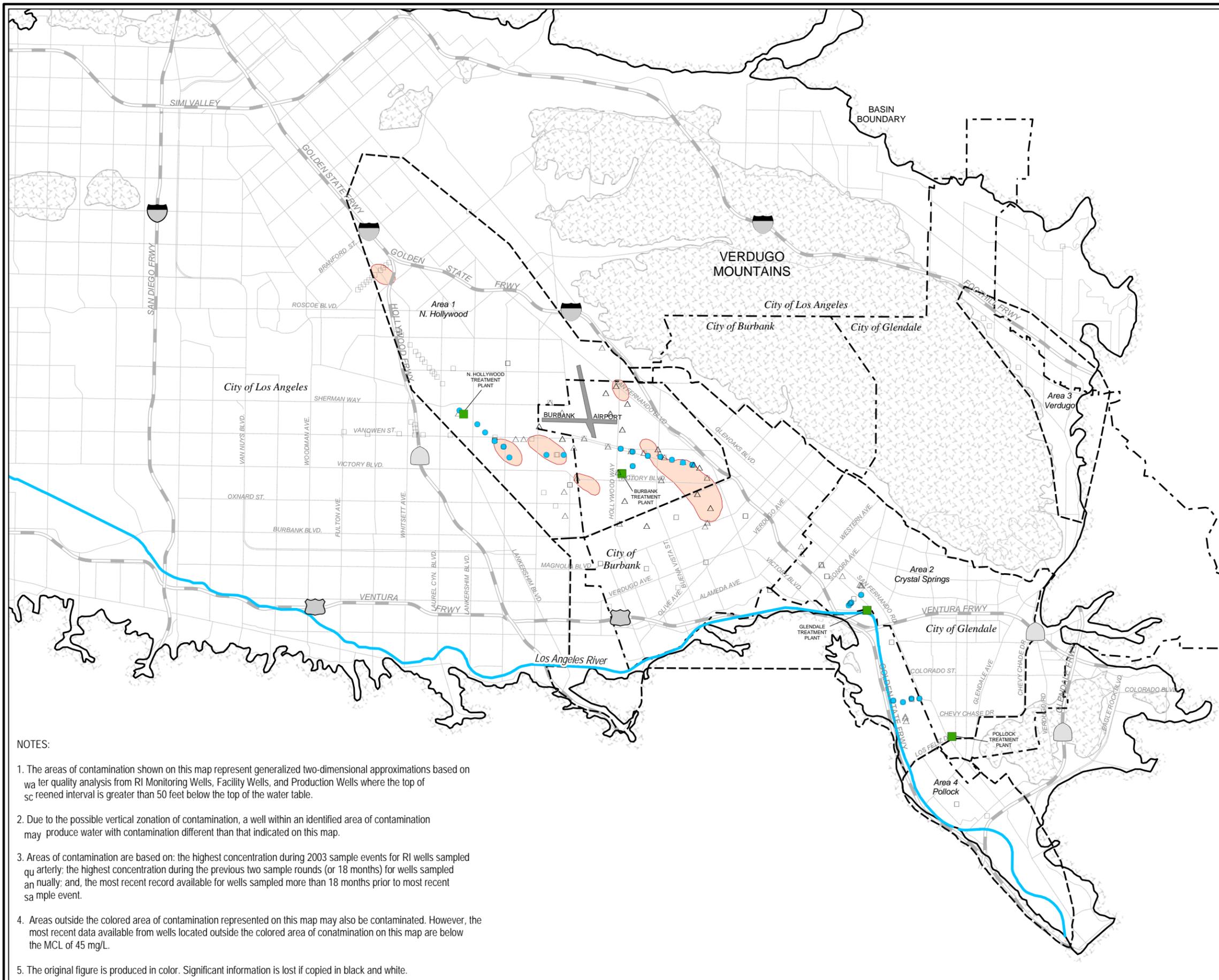
**LEGEND**

- > DL - 5 µg/L (MCL)
- 5.01 - 50 µg/L
- 50.01 - 100 µg/L
- 100.01 - 500 µg/L
- 500.01 - 1000 µg/L
- 1000.01 - 5000 µg/L
- Municipal Boundary
- Investigation Areas Boundary
- Treatment Plant
- Well Sampled in 1999 or Later
- Well Sampled before 1999
- Extraction Wells

**Figure 3-10**  
**SAN FERNANDO VALLEY BASIN**  
**PCE Contamination (µg/L)**  
**in Deeper Zone in 2003**

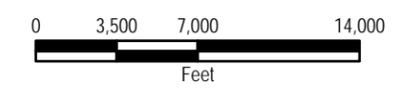
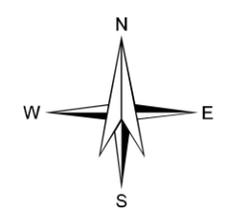


- NOTES:
1. The areas of contamination shown on this map represent generalized two-dimensional approximations based on water quality analysis from RI Monitoring Wells, Facility Wells, and Production Wells where the top of screened interval is greater than 50 feet below the top of the water table.
  2. Due to the possible vertical zonation of contamination, a well within an identified area of contamination may produce water with contamination different than that indicated on this map.
  3. Areas of contamination are based on: the highest concentration during 2003 sample events for RI wells sampled quarterly; the highest concentration during the previous two sample rounds (or 18 months) for wells sampled annually; and, the most recent record available for wells sampled more than 18 months prior to most recent sample event.
  4. Areas outside the colored area of contamination represented on this map may also be contaminated. However, the most recent data available from wells located outside the colored area of contamination on this map are below the detection limit of 2 µg/L.
  5. The original figure is produced in color. Significant information is lost if copied in black and white.



- LEGEND**
- Above 45 mg/L (MCL)
  - Municipal Boundary
  - Investigation Areas Boundary
  - Treatment Plant
  - Well Sampled in 1999 or Later
  - Well Sampled before 1999
  - Extraction Wells

Figure 3-11  
**SAN FERNANDO VALLEY BASIN  
 NO3 Contamination (mg/L)  
 in Deeper Zone in 2003**



- NOTES:
1. The areas of contamination shown on this map represent generalized two-dimensional approximations based on water quality analysis from RI Monitoring Wells, Facility Wells, and Production Wells where the top of screened interval is greater than 50 feet below the top of the water table.
  2. Due to the possible vertical zonation of contamination, a well within an identified area of contamination may produce water with contamination different than that indicated on this map.
  3. Areas of contamination are based on: the highest concentration during 2003 sample events for RI wells sampled quarterly; the highest concentration during the previous two sample rounds (or 18 months) for wells sampled annually; and, the most recent record available for wells sampled more than 18 months prior to most recent sample event.
  4. Areas outside the colored area of contamination represented on this map may also be contaminated. However, the most recent data available from wells located outside the colored area of contamination on this map are below the MCL of 45 mg/L.
  5. The original figure is produced in color. Significant information is lost if copied in black and white.