2004 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 2005

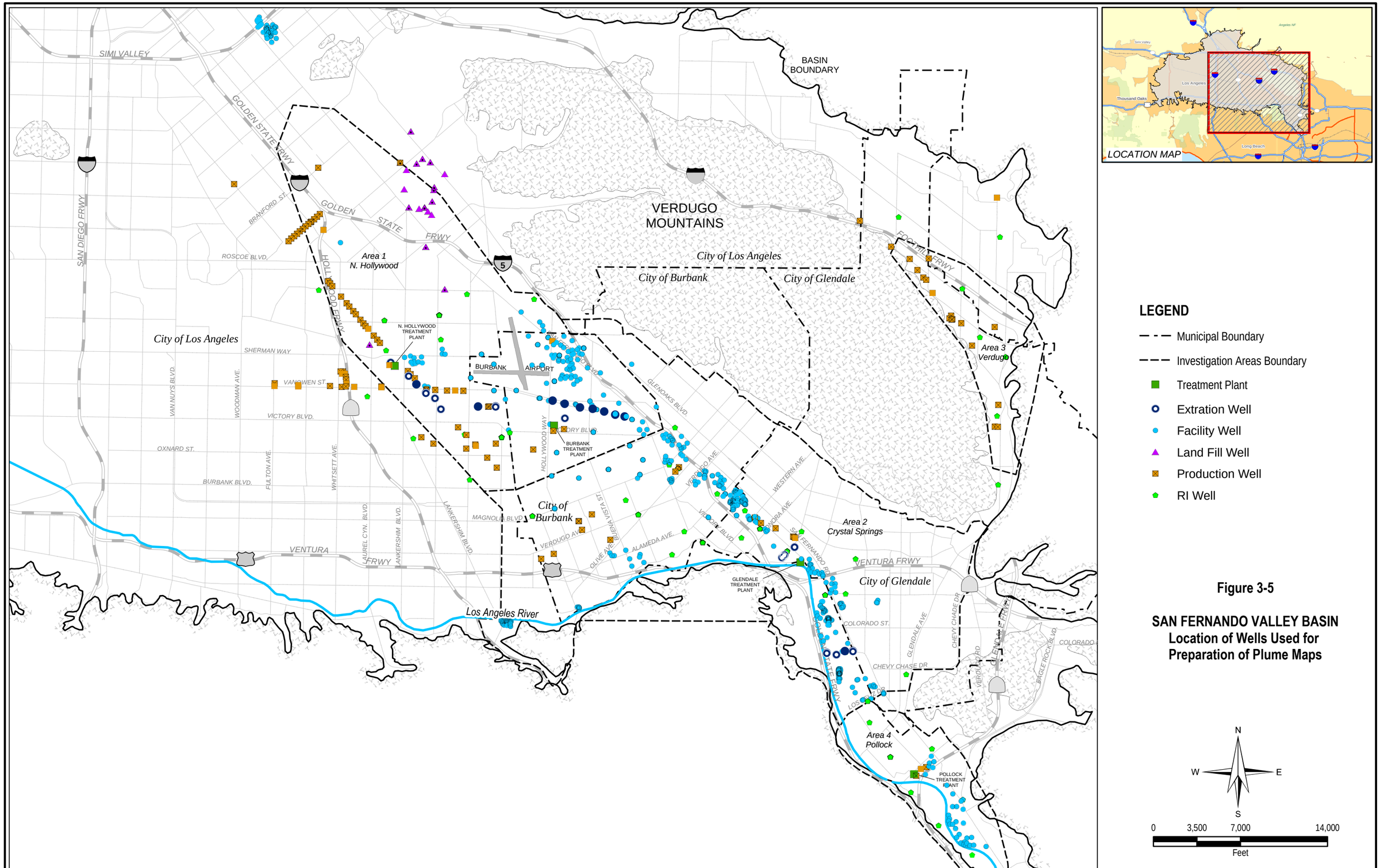

Figure 3-5

SAN FERNANDO VALLEY BASIN
Location of Wells Used for Preparation of Plume Maps

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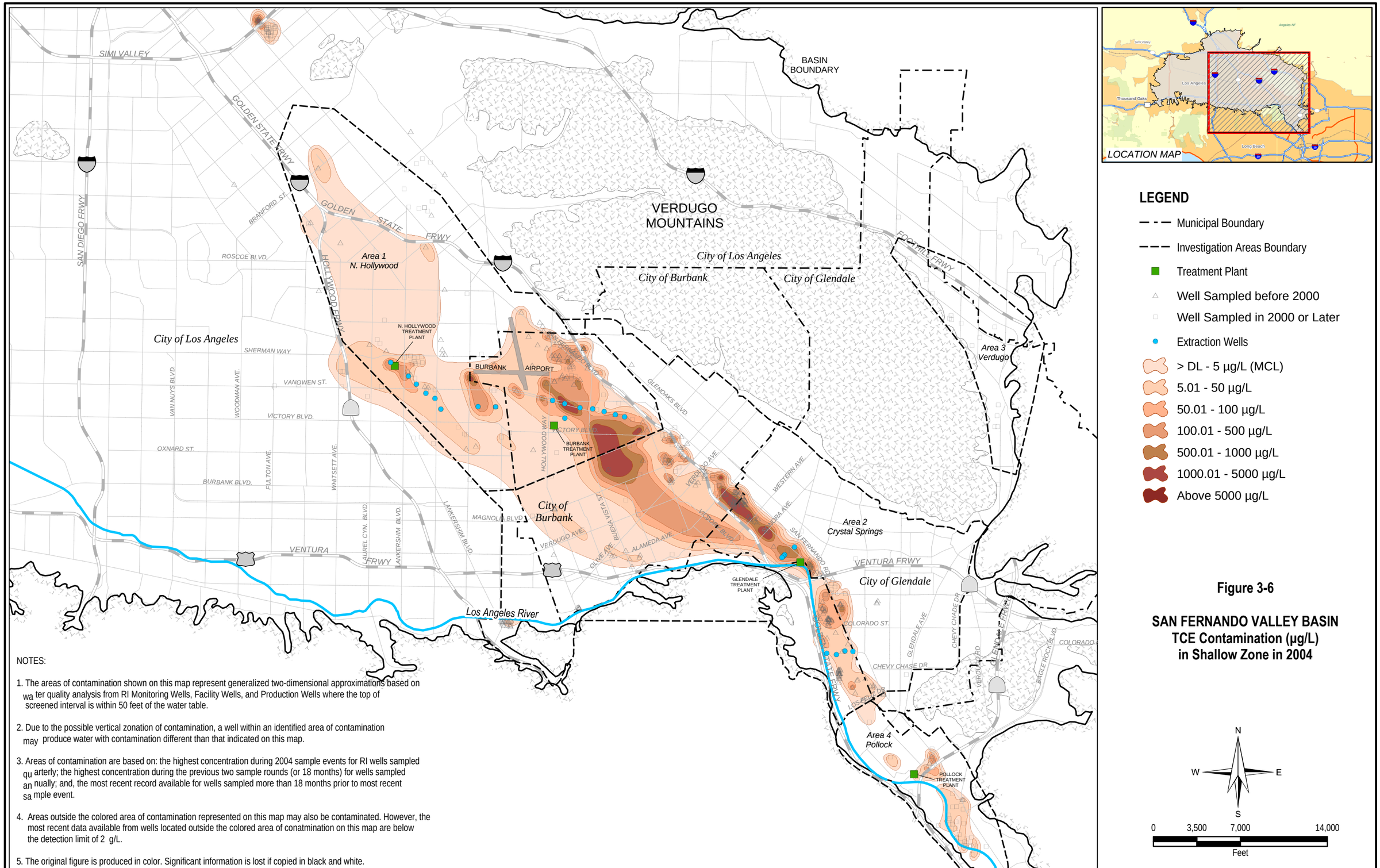

NOTES:

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 within 50 feet 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 2004 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 conatmination on this map are below the detection limit of 2 g/L.

5. The original figure is produced in color. Significant information is lost if copied in black and white.

Figure 3-6

SAN FERNANDO VALLEY BASIN TCE Contamination (µg/L) in Shallow Zone in 2004

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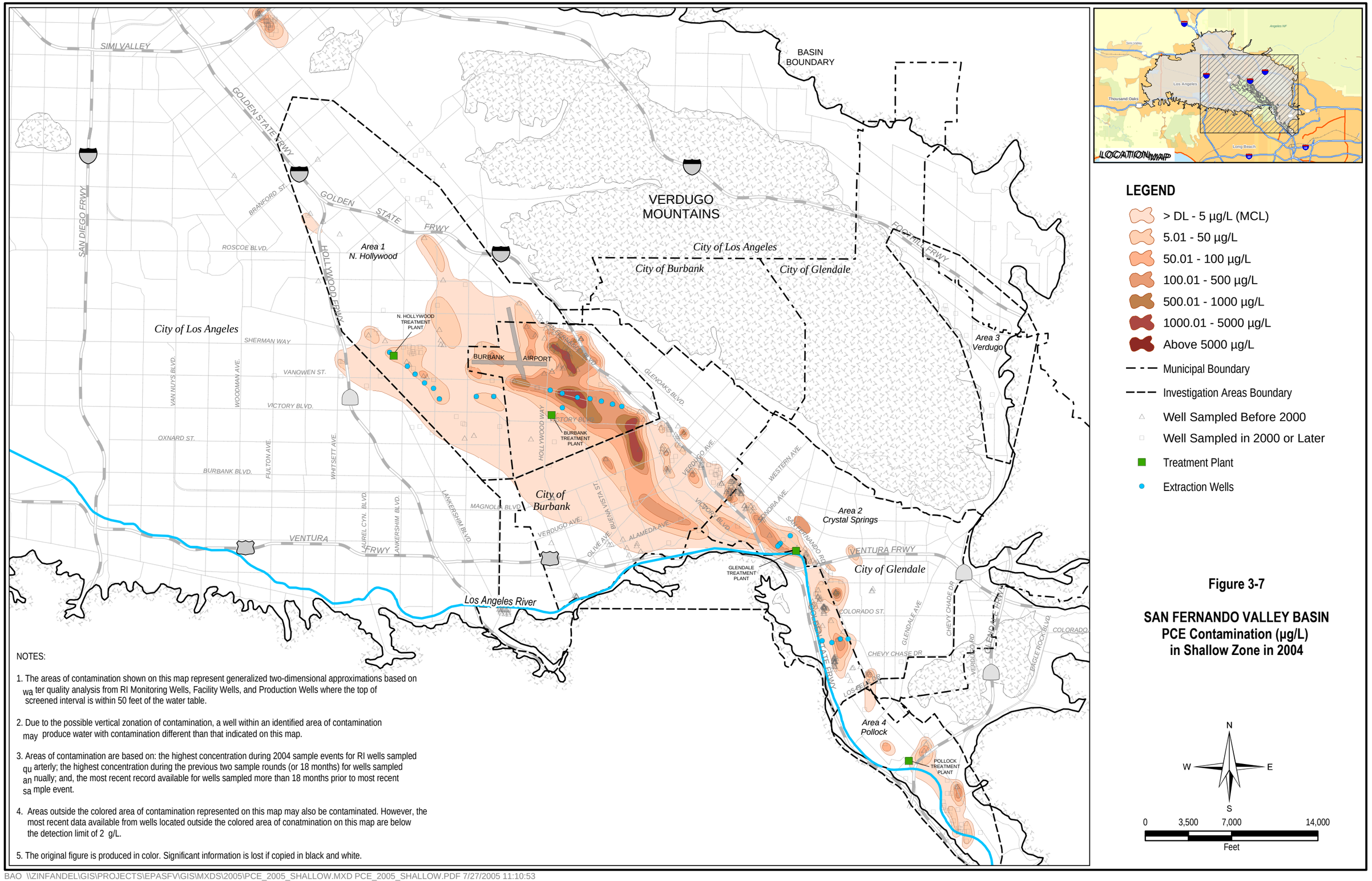

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Figure 3-7

SAN FERNANDO VALLEY BASIN PCE Contamination (µg/L) in Shallow Zone in 2004

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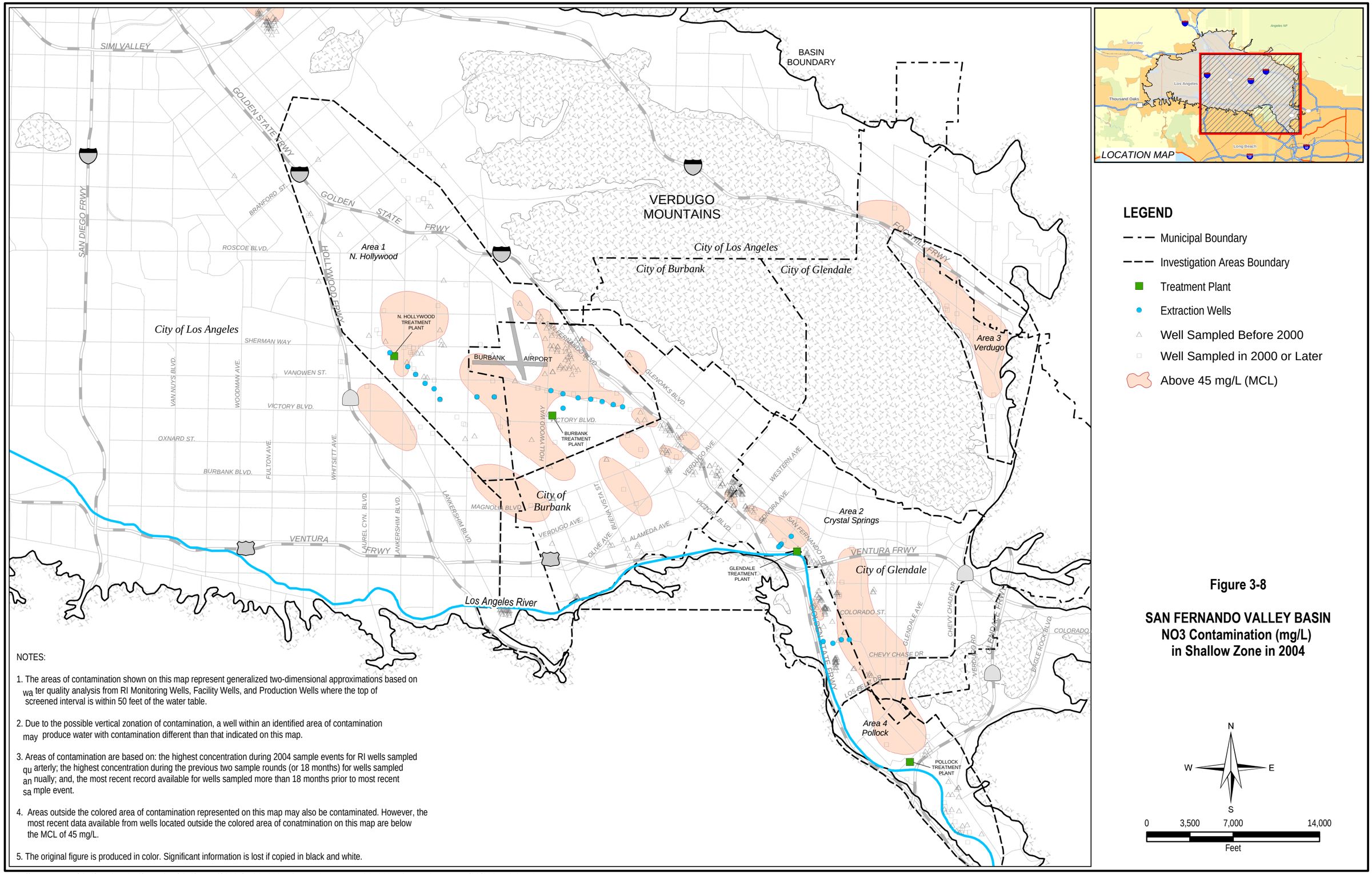

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Figure 3-8

SAN FERNANDO VALLEY BASIN
NO3 Contamination (mg/L)
in Shallow Zone in 2004

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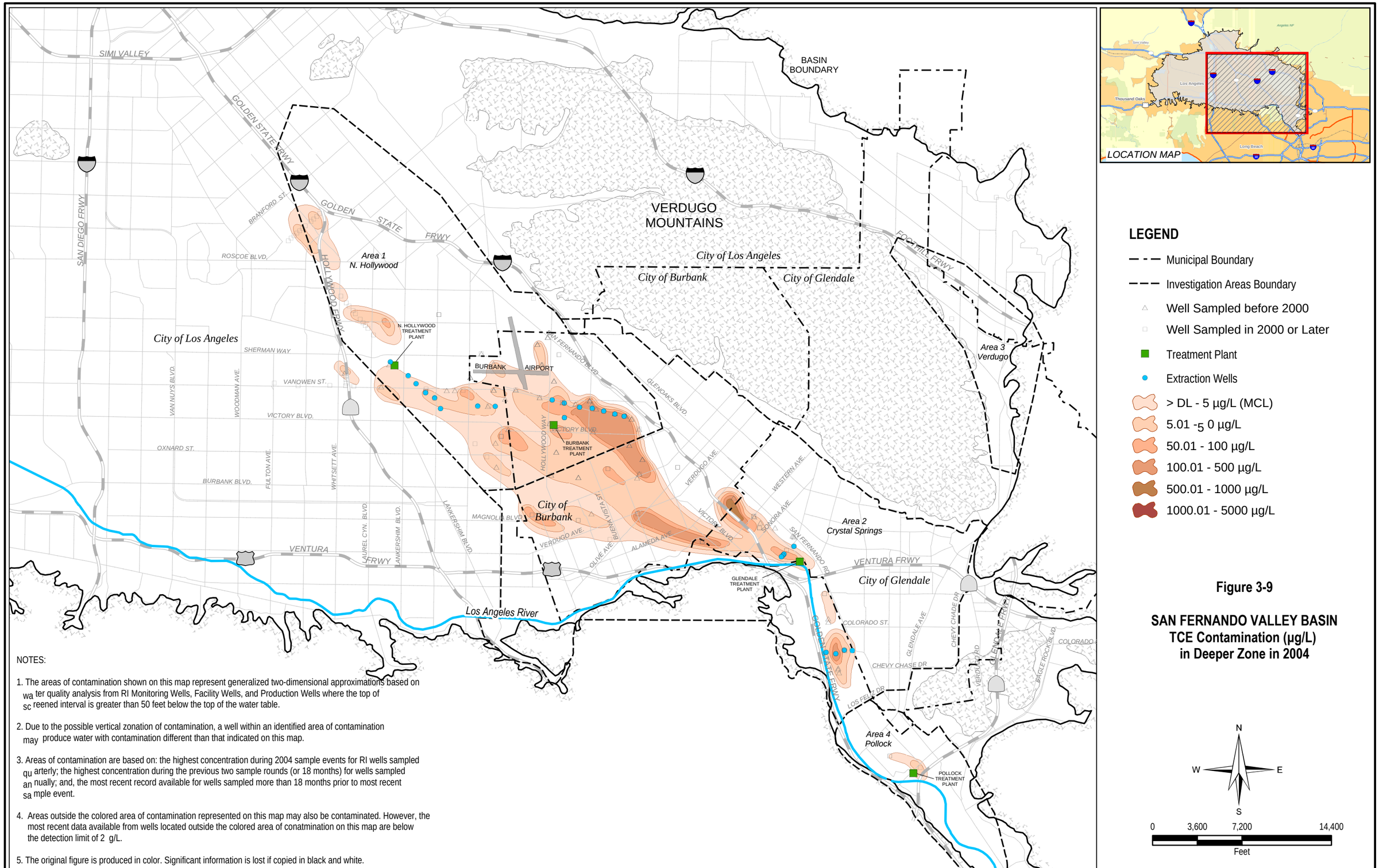

NOTES:

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Figure 3-9

SAN FERNANDO VALLEY BASIN TCE Contamination (µg/L) in Deeper Zone in 2004

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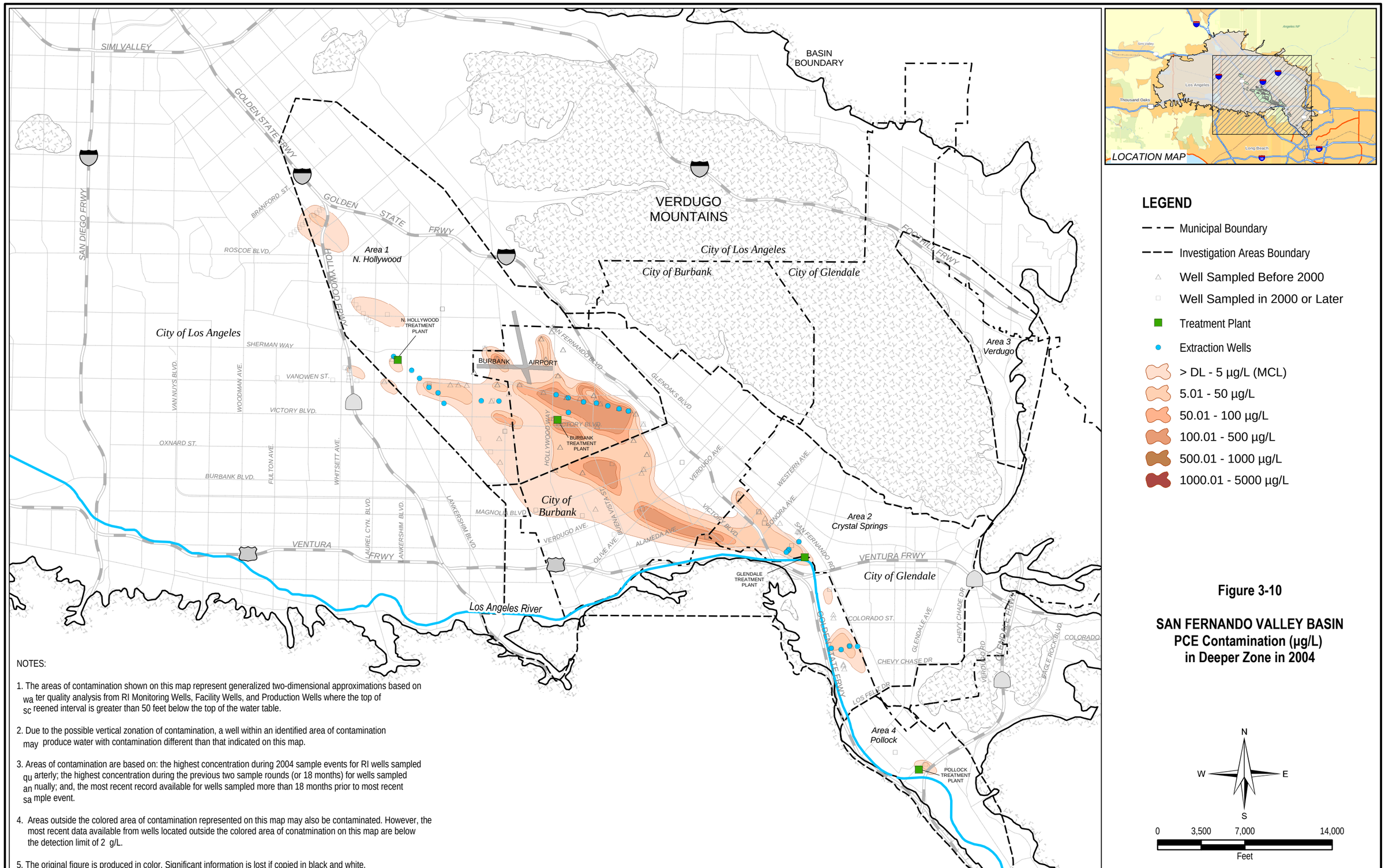

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Figure 3-10

SAN FERNANDO VALLEY BASIN PCE Contamination (µg/L) in Deeper Zone in 2004

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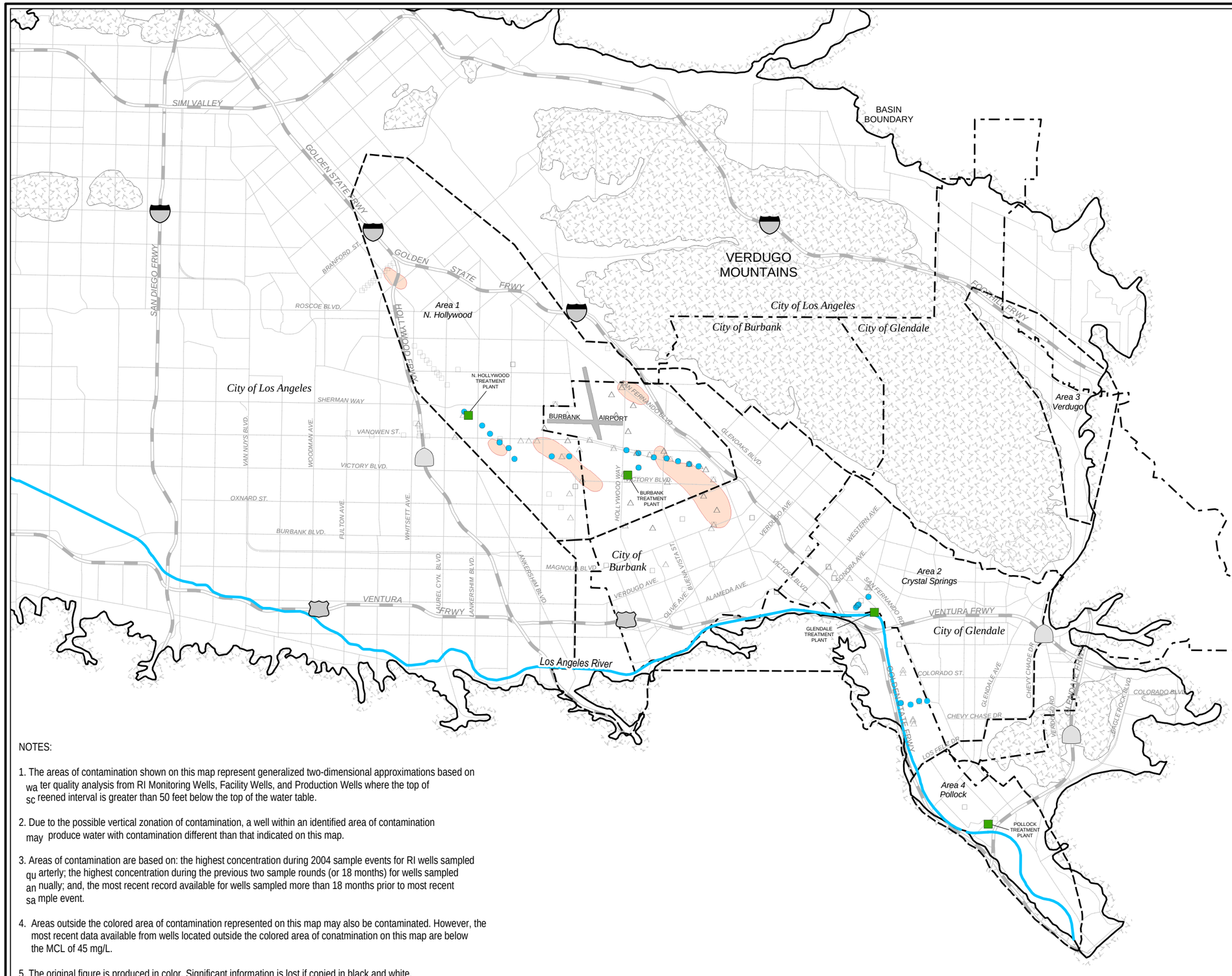

LEGEND

- Municipal Boundary
- Investigation Areas Boundary
- Well Sampled Before 2000
- Well Sampled in 2000 or Later
- Treatment Plant
- Extraction Wells
- Above 45 mg/L (MCL)

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Figure 3-11

SAN FERNANDO VALLEY BASIN
NO3 Contamination (mg/L)
in Deeper Zone in 2004

N
W E
S

0 3,500 7,000 14,000
Feet