

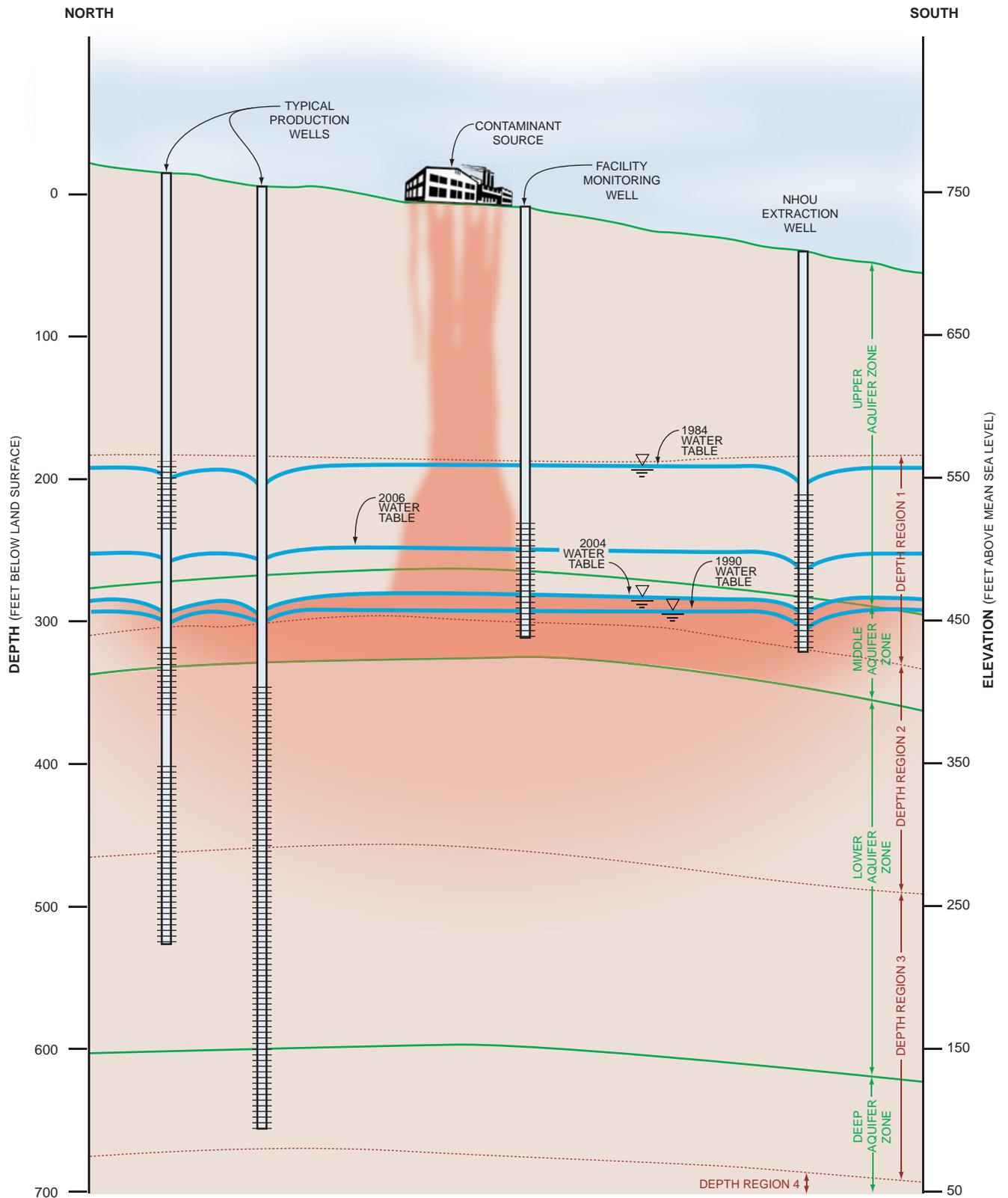
**LEGEND**

- LOCATION OF ACTIVE PRODUCTION WELL IN VICINITY OF NORTH HOLLYWOOD OPERABLE UNIT
- OPERABLE UNIT GROUNDWATER TREATMENT PLANT
- APPROXIMATE BOUNDARY OF INVESTIGATION AREAS FOR SAN FERNANDO VALLEY SUPERFUND SITES
- SIMULATED 2007 GROUNDWATER CONTOUR (feet msl)

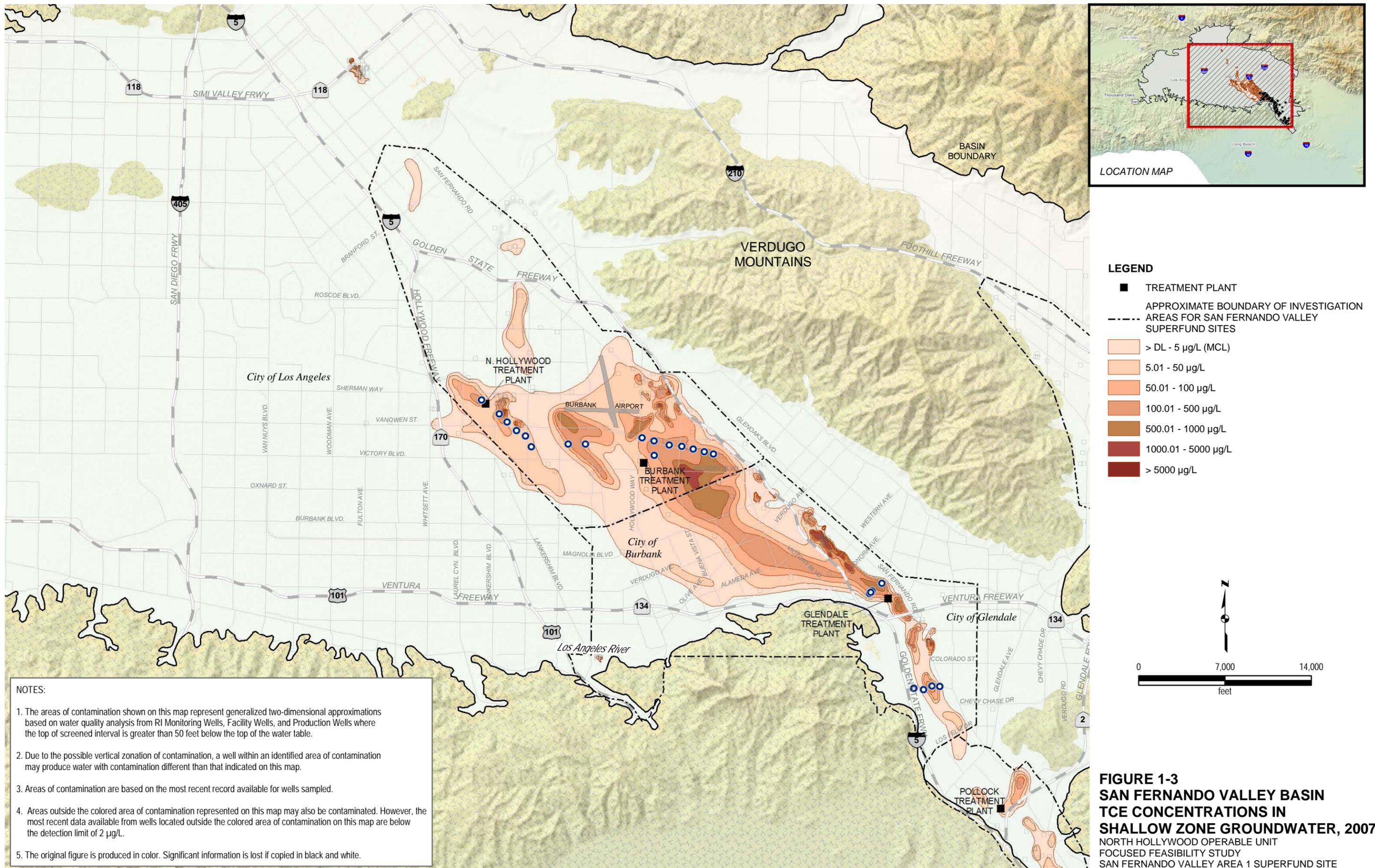
NOTE: CONTOUR INTERVAL = 20 feet.



**FIGURE 1-1**  
**LOCATION MAP**  
 NORTH HOLLYWOOD OPERABLE UNIT  
 FOCUSED FEASIBILITY STUDY  
 SAN FERNANDO VALLEY AREA 1 SUPERFUND SITE



**FIGURE 1-2**  
**SCHEMATIC HYDROGEOLOGIC SECTION**  
 NORTH HOLLYWOOD OPERABLE UNIT  
 FOCUSED FEASIBILITY STUDY  
 SAN FERNANDO VALLEY AREA 1 SUPERFUND SITE

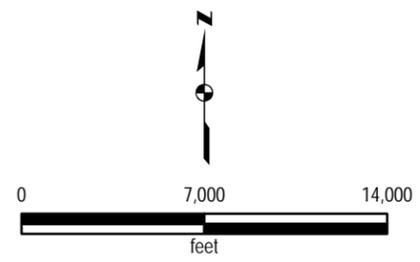


NOTES:

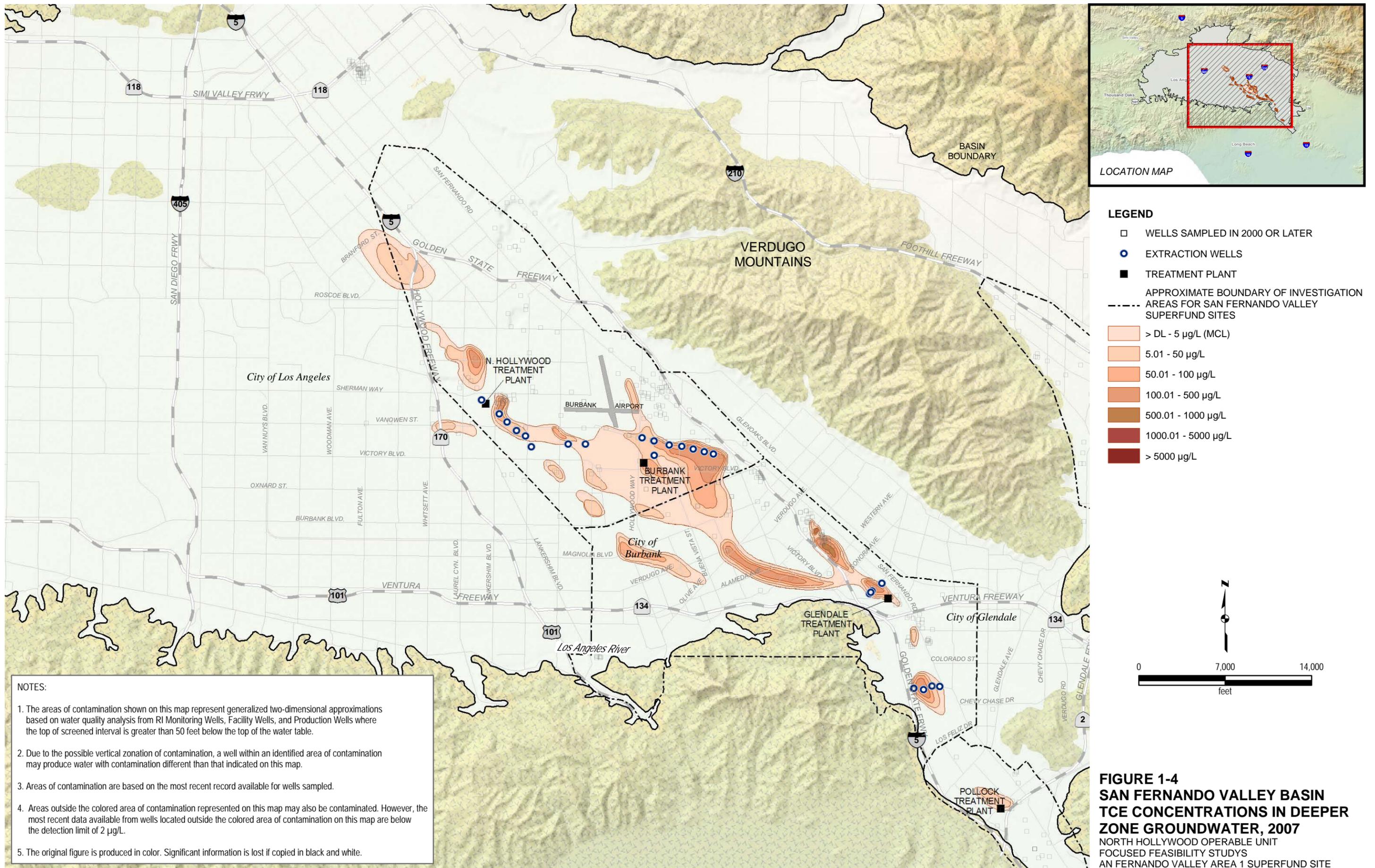
1. The areas of contamination shown on this map represent generalized two-dimensional approximations based on water quality analysis from RI Monitoring Wells, Facility Wells, and Production Wells where the top of screened interval is greater than 50 feet below the top of the water table.
2. Due to the 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 most recent record available for wells sampled.
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**

- TREATMENT PLANT
- APPROXIMATE BOUNDARY OF INVESTIGATION
- - - AREAS FOR SAN FERNANDO VALLEY SUPERFUND SITES
- Lightest Orange: > DL - 5 µg/L (MCL)
- Light Orange: 5.01 - 50 µg/L
- Orange: 50.01 - 100 µg/L
- Dark Orange: 100.01 - 500 µg/L
- Brown: 500.01 - 1000 µg/L
- Dark Brown: 1000.01 - 5000 µg/L
- Red: > 5000 µg/L



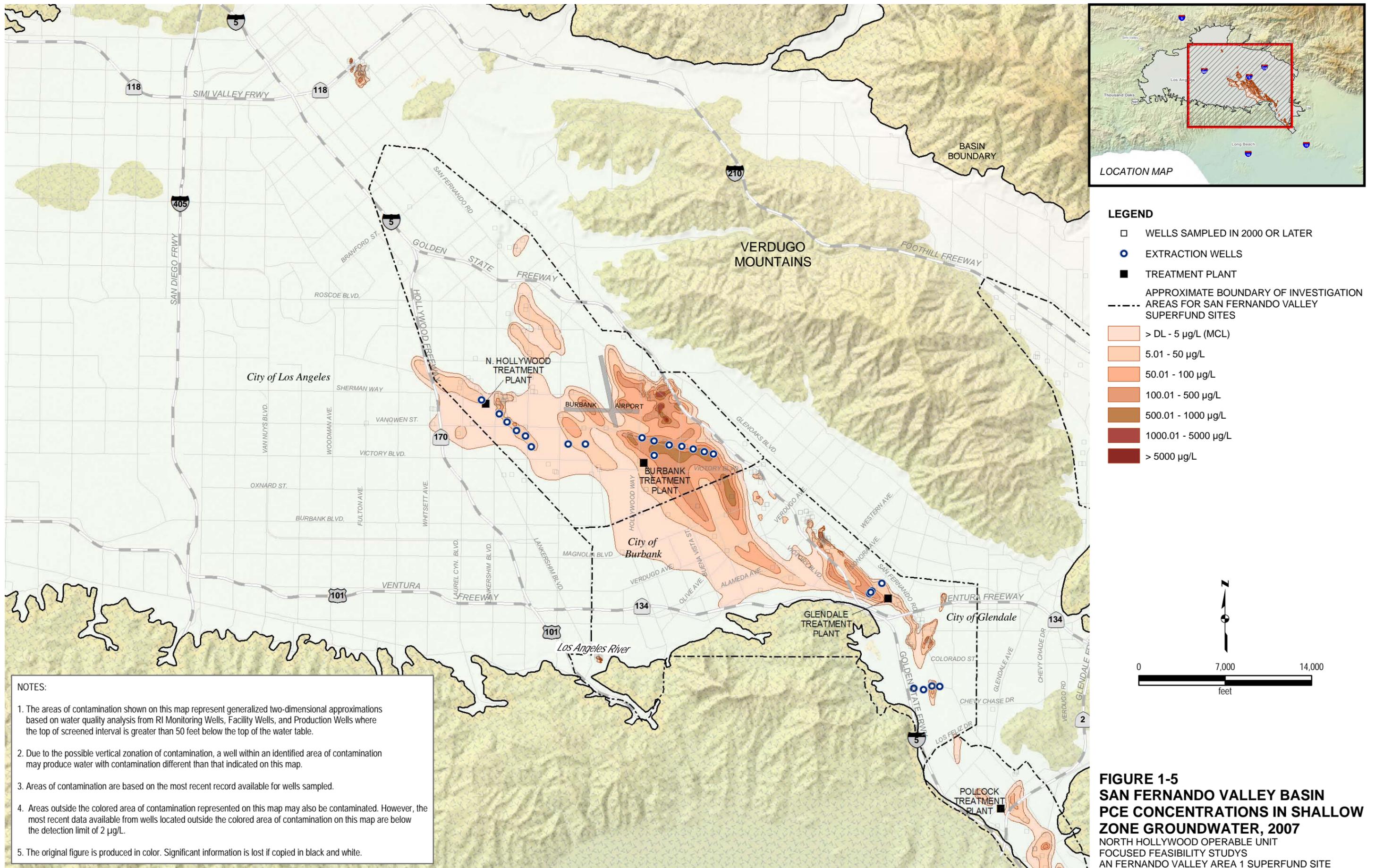
**FIGURE 1-3**  
**SAN FERNANDO VALLEY BASIN**  
**TCE CONCENTRATIONS IN**  
**SHALLOW ZONE GROUNDWATER, 2007**  
 NORTH HOLLYWOOD OPERABLE UNIT  
 FOCUSED FEASIBILITY STUDY  
 SAN FERNANDO VALLEY AREA 1 SUPERFUND SITE



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 most recent record available for wells sampled.
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.
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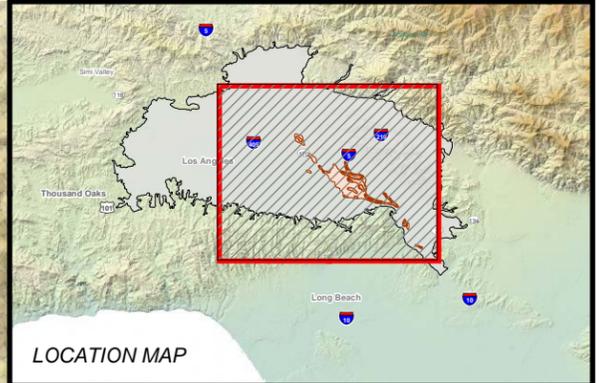
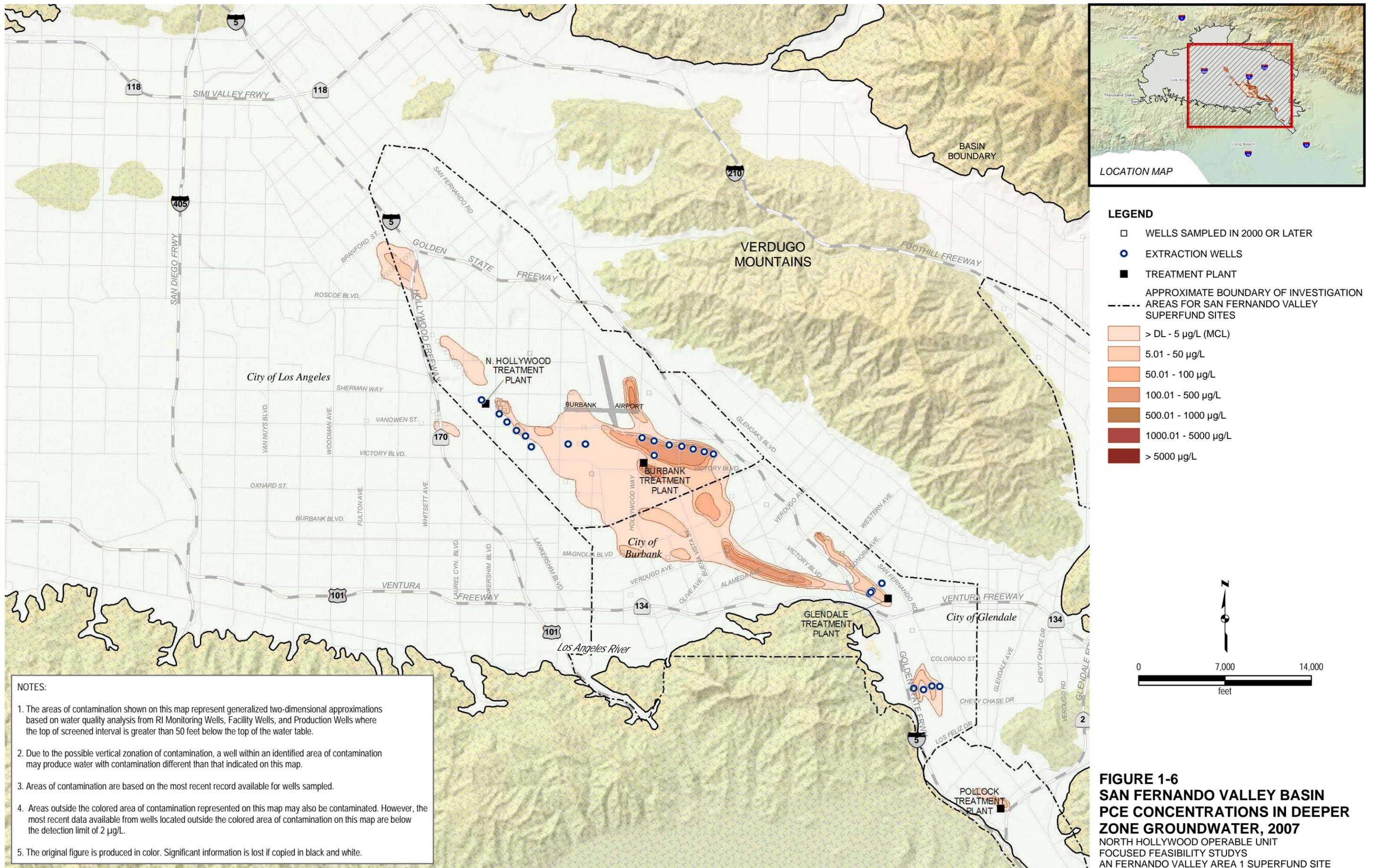
**FIGURE 1-4**  
**SAN FERNANDO VALLEY BASIN**  
**TCE CONCENTRATIONS IN DEEPER**  
**ZONE GROUNDWATER, 2007**  
 NORTH HOLLYWOOD OPERABLE UNIT  
 FOCUSED FEASIBILITY STUDY  
 AN FERNANDO VALLEY AREA 1 SUPERFUND SITE



NOTES:

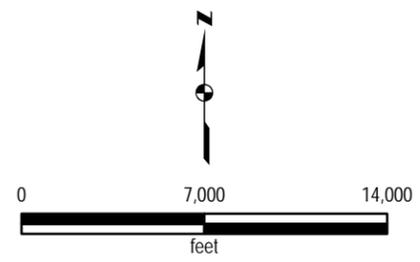
1. The areas of contamination shown on this map represent generalized two-dimensional approximations based on water quality analysis from RI Monitoring Wells, Facility Wells, and Production Wells where the top of screened interval is greater than 50 feet below the top of the water table.
2. Due to the 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 most recent record available for wells sampled.
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.

**FIGURE 1-5**  
**SAN FERNANDO VALLEY BASIN**  
**PCE CONCENTRATIONS IN SHALLOW**  
**ZONE GROUNDWATER, 2007**  
 NORTH HOLLYWOOD OPERABLE UNIT  
 FOCUSED FEASIBILITY STUDYS  
 AN FERNANDO VALLEY AREA 1 SUPERFUND SITE



**LEGEND**

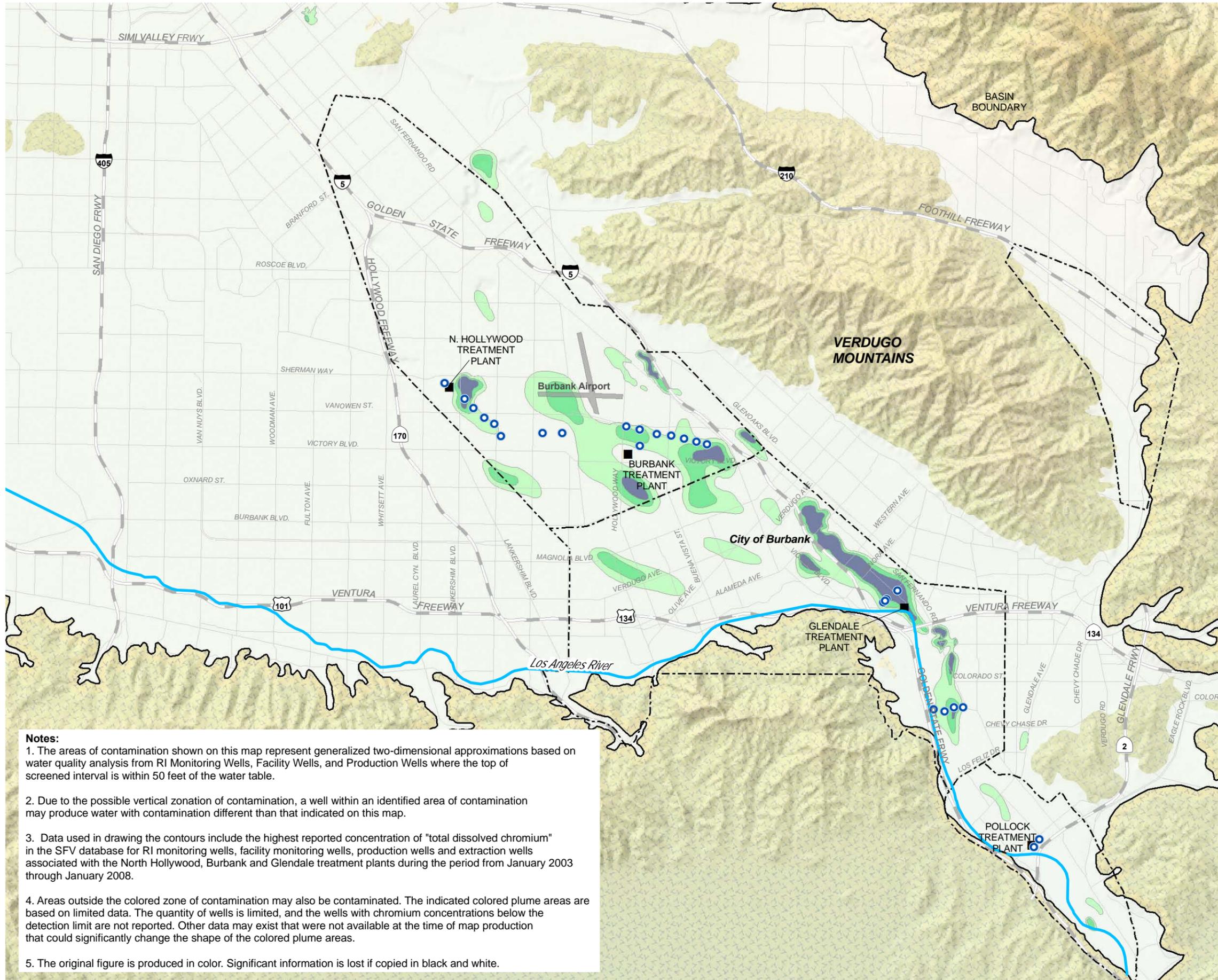
- WELLS SAMPLED IN 2000 OR LATER
- EXTRACTION WELLS
- TREATMENT PLANT
- APPROXIMATE BOUNDARY OF INVESTIGATION
- AREAS FOR SAN FERNANDO VALLEY SUPERFUND SITES
- Lightest Orange: > DL - 5 µg/L (MCL)
- Light Orange: 5.01 - 50 µg/L
- Orange: 50.01 - 100 µg/L
- Dark Orange: 100.01 - 500 µg/L
- Brown: 500.01 - 1000 µg/L
- Dark Brown: 1000.01 - 5000 µg/L
- Red: > 5000 µg/L



**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 most recent record available for wells sampled.
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.

**FIGURE 1-6**  
**SAN FERNANDO VALLEY BASIN**  
**PCE CONCENTRATIONS IN DEEPER**  
**ZONE GROUNDWATER, 2007**  
 NORTH HOLLYWOOD OPERABLE UNIT  
 FOCUSED FEASIBILITY STUDYS  
 AN FERNANDO VALLEY AREA 1 SUPERFUND SITE

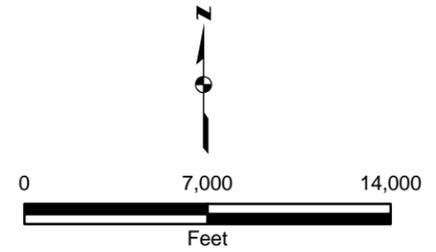


**LEGEND**

- EXTRACTION WELL
- APPROXIMATE BOUNDARY OF INVESTIGATION
- AREAS FOR SAN FERNANDO VALLEY SUPERFUND SITES
- LOS ANGELES RIVER

**TOTAL DISSOLVED CHROMIUM CONCENTRATION IN THE SHALLOW ZONE JANUARY 2002 – JANUARY 2007**

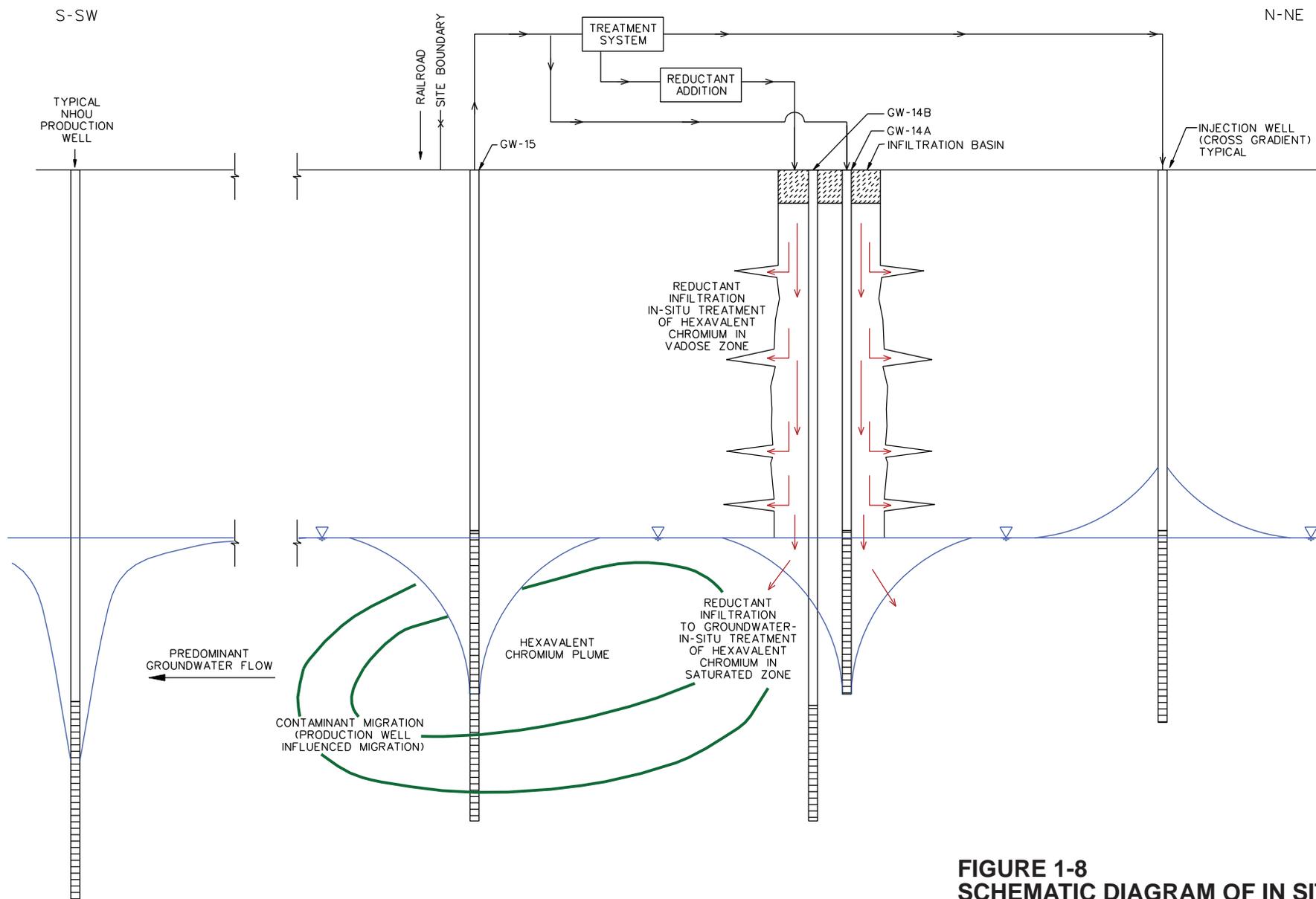
- 5 - 25 µg/L
- 25.01 - 50 µg/L
- Above 50 µg/L (MCL)



**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. Data used in drawing the contours include the highest reported concentration of "total dissolved chromium" in the SFV database for RI monitoring wells, facility monitoring wells, production wells and extraction wells associated with the North Hollywood, Burbank and Glendale treatment plants during the period from January 2003 through January 2008.
4. Areas outside the colored zone of contamination may also be contaminated. The indicated colored plume areas are based on limited data. The quantity of wells is limited, and the wells with chromium concentrations below the detection limit are not reported. Other data may exist that were not available at the time of map production that could significantly change the shape of the colored plume areas.
5. The original figure is produced in color. Significant information is lost if copied in black and white.

**FIGURE 1-7**  
**SAN FERNANDO VALLEY BASIN**  
**CHROMIUM CONCENTRATIONS IN**  
**SHALLOW ZONE GROUNDWATER,**  
**2003 THROUGH 2008**  
 NORTH HOLLYWOOD OPERABLE UNIT  
 FOCUSED FEASIBILITY STUDY  
 SAN FERNANDO VALLEY AREA 1 SUPERFUND SITE



**FIGURE 1-8**  
**SCHEMATIC DIAGRAM OF IN SITU**  
**CHROMIUM TREATMENT PROCESS**  
**IMPLEMENTED BY HONEYWELL**  
 NORTH HOLLYWOOD OPERABLE UNIT  
 FOCUSED FEASIBILITY STUDY  
 SAN FERNANDO VALLEY AREA 1 SUPERFUND SITE

Source: MWH, 2004