2005 REPORT
SAN FERNANDO VALLEY SUPERFUND SITES
GROUNDWATER MONITORING PROGRAM

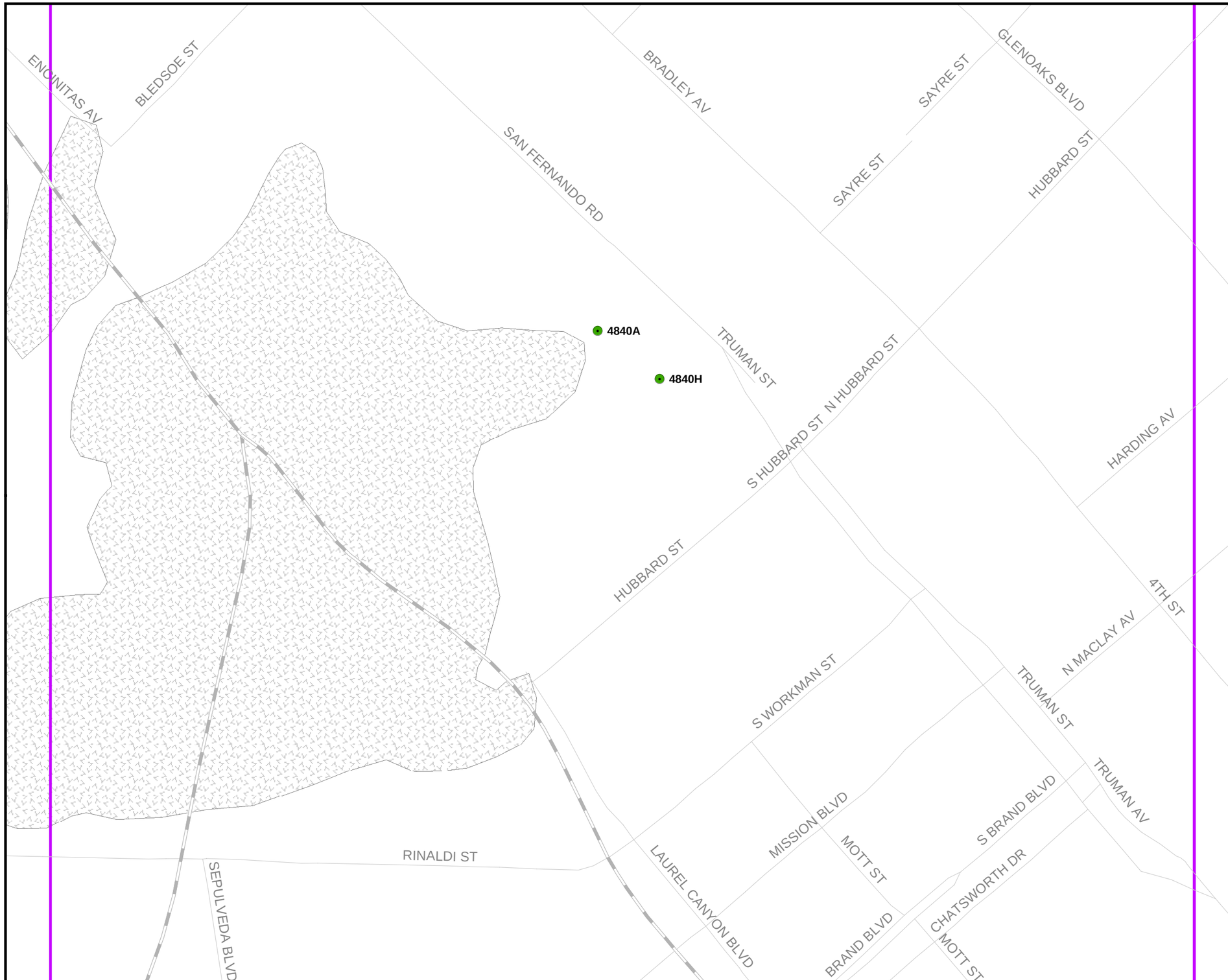
SAN FERNANDO VALLEY
LOS ANGELES COUNTY, CALIFORNIA

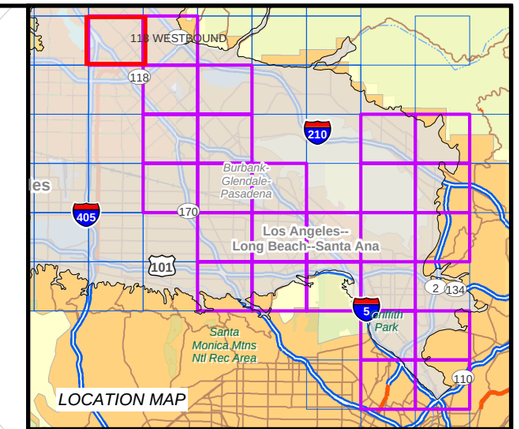
Appendix H

United States Environmental Protection Agency

January 2007

Appendix H
PCE Contamination in Shallow Zone in 2005





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 500 1,000 2,000
Feet

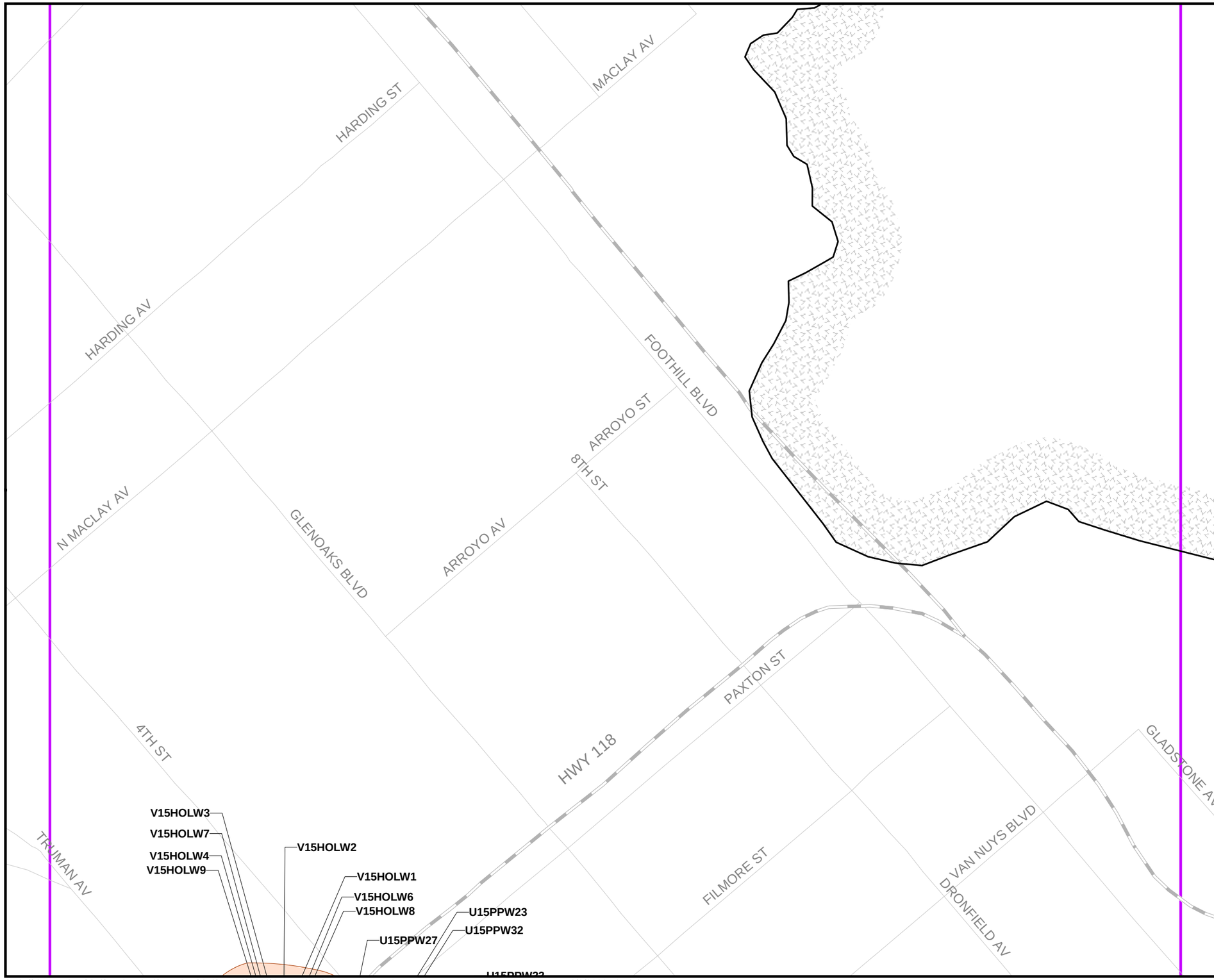
PLATE 10

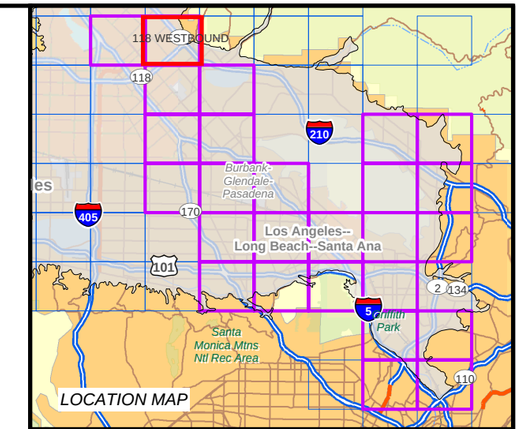
PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL

SFO \\CABLECAR\GIS\PROJECTS\EPASFV\GIS\MXDS\2006\05REPORT\APPENDIX_H_05RPT.MXD APPENDIX_H_05RPT.PDF 12/8/2006 12:58:25





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

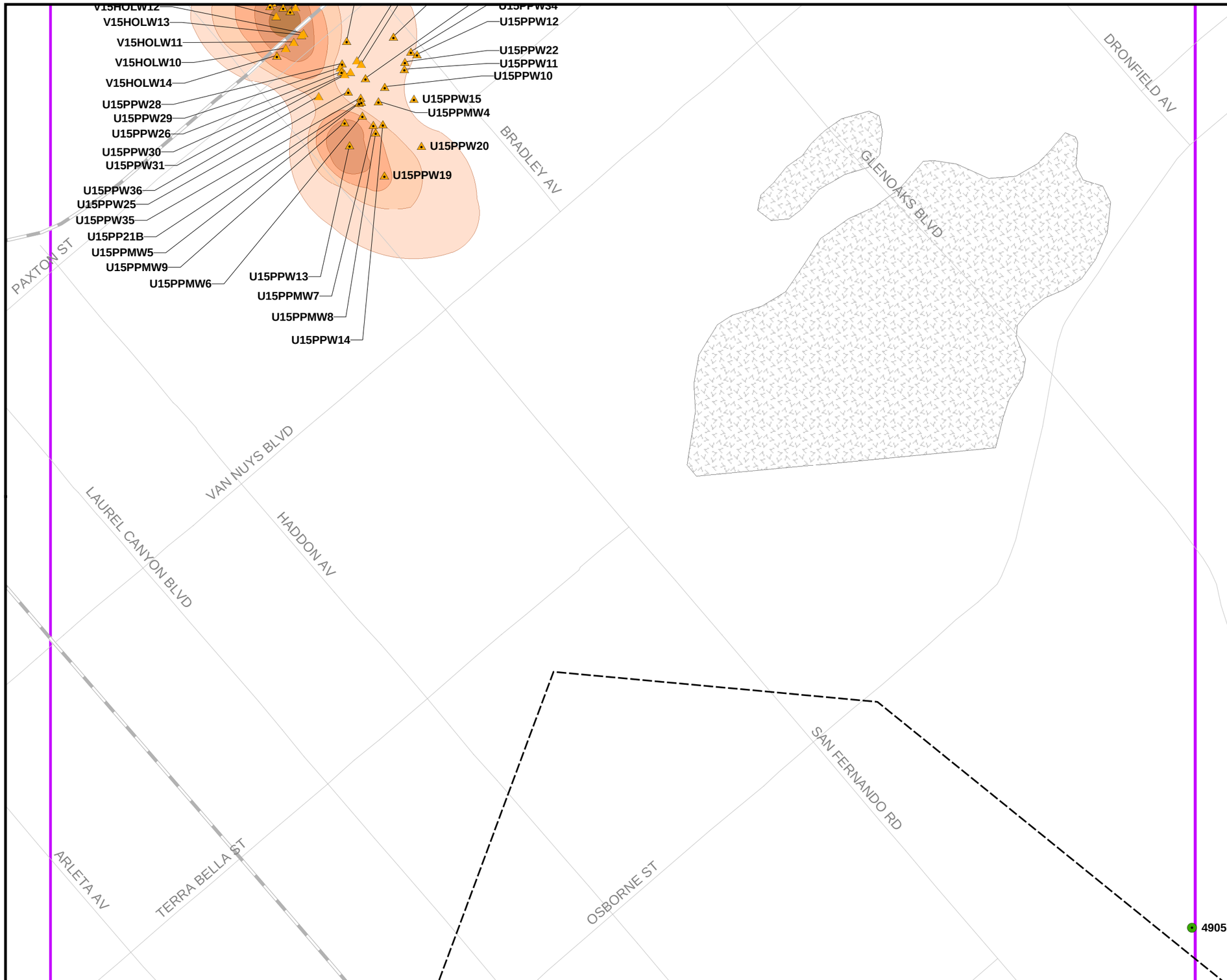
0 500 1,000 2,000
Feet

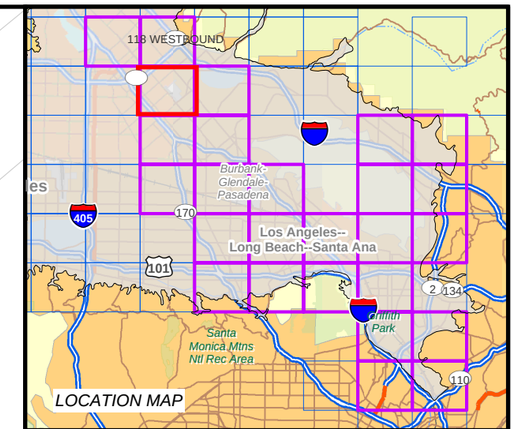
PLATE 11

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 500 1,000 2,000
Feet

PLATE 22

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL

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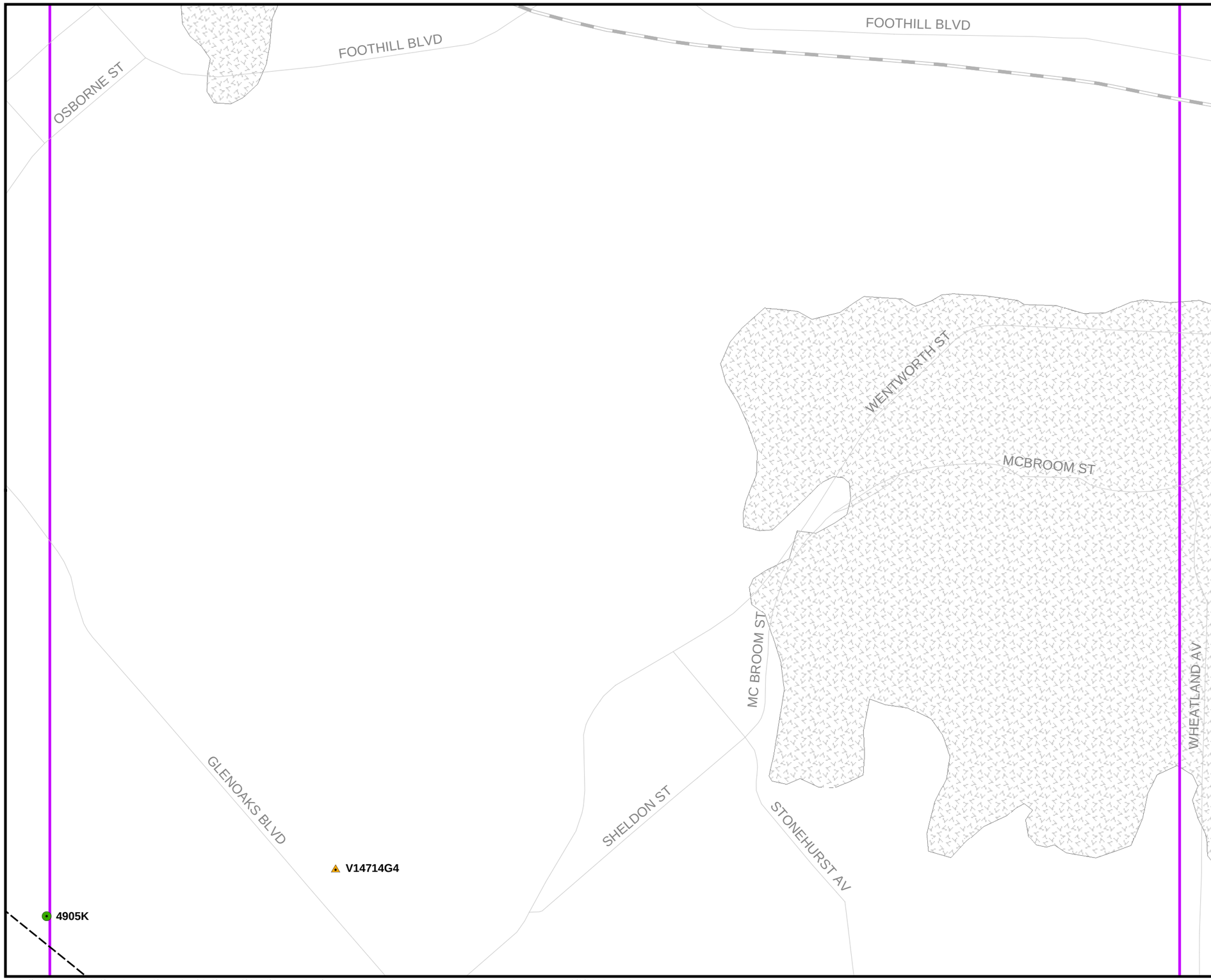
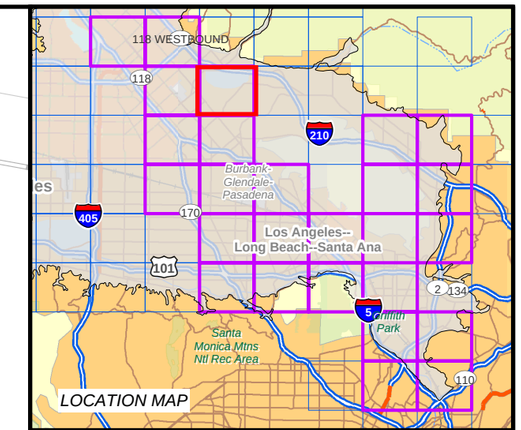




LEGEND

- > 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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

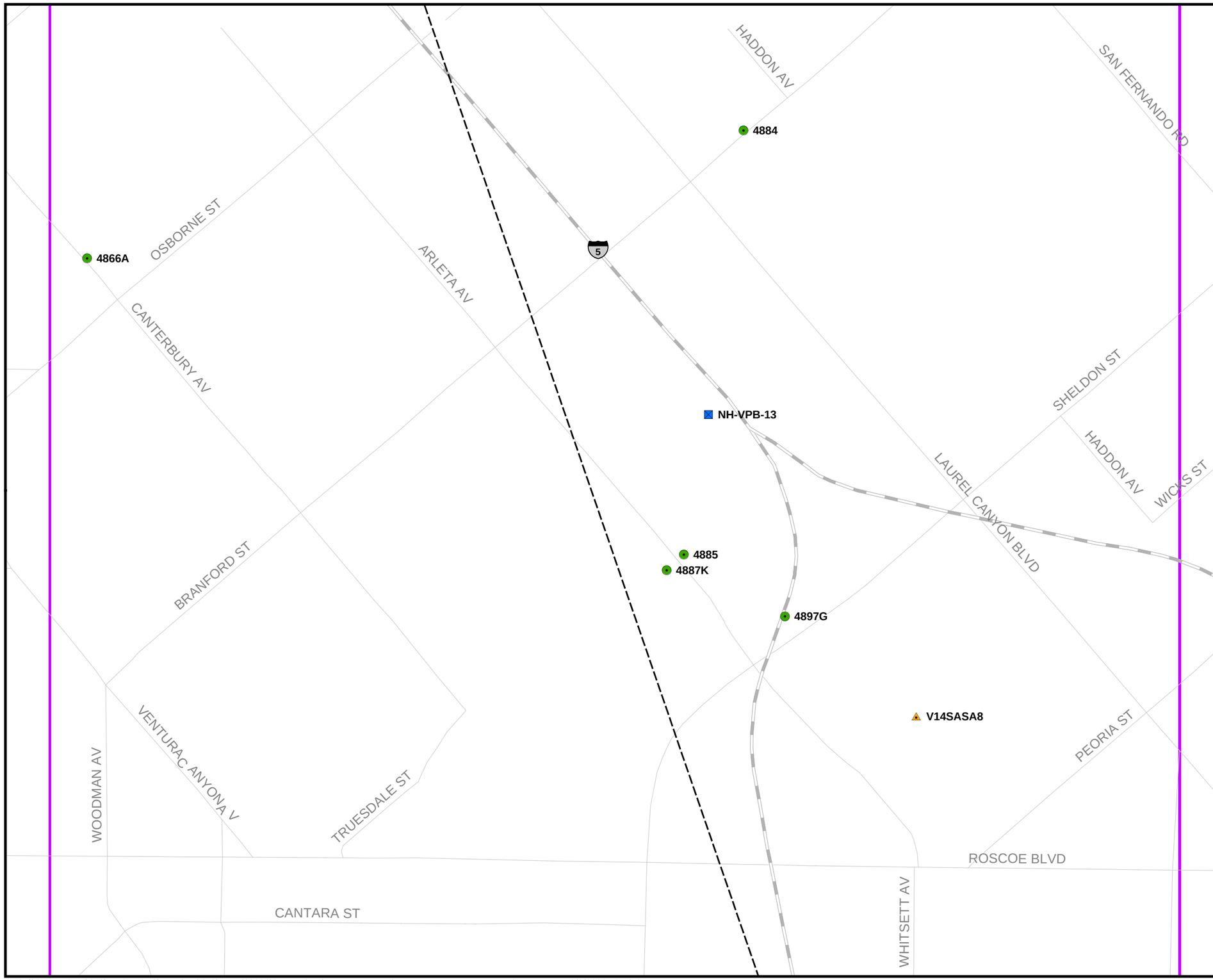
0 500 1,000 2,000
Feet

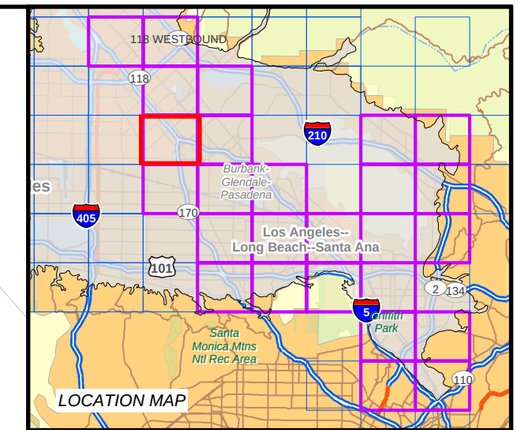
PLATE 23

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

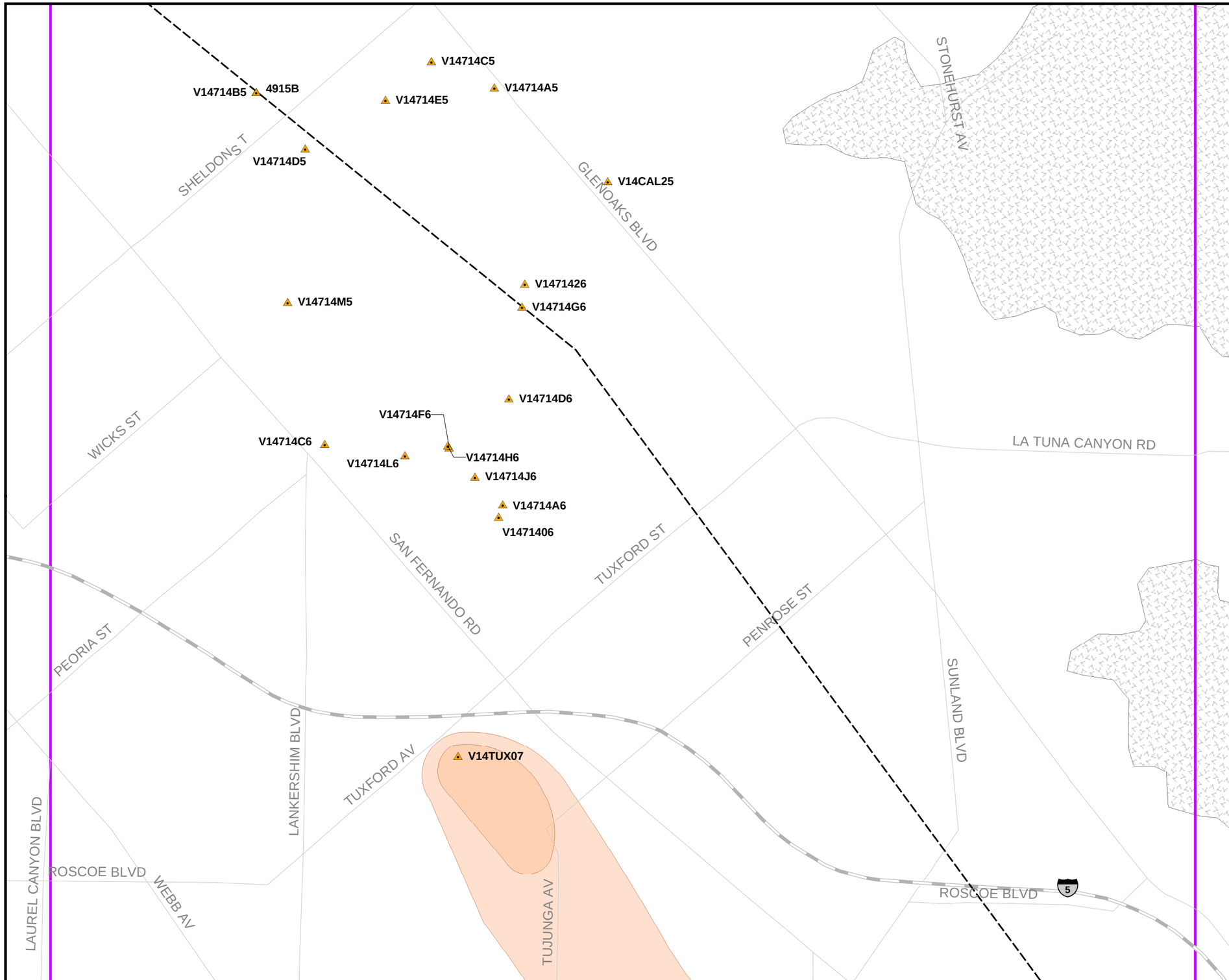
0 500 1,000 2,000
Feet

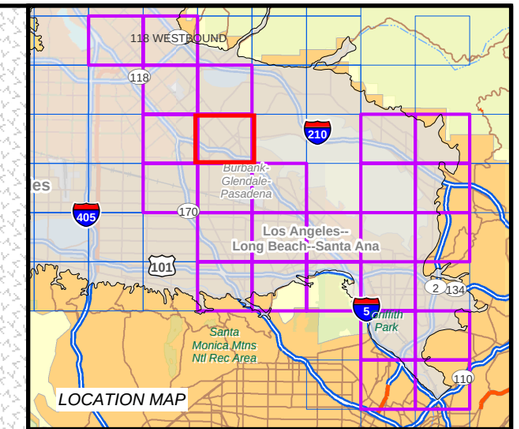
PLATE 33

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

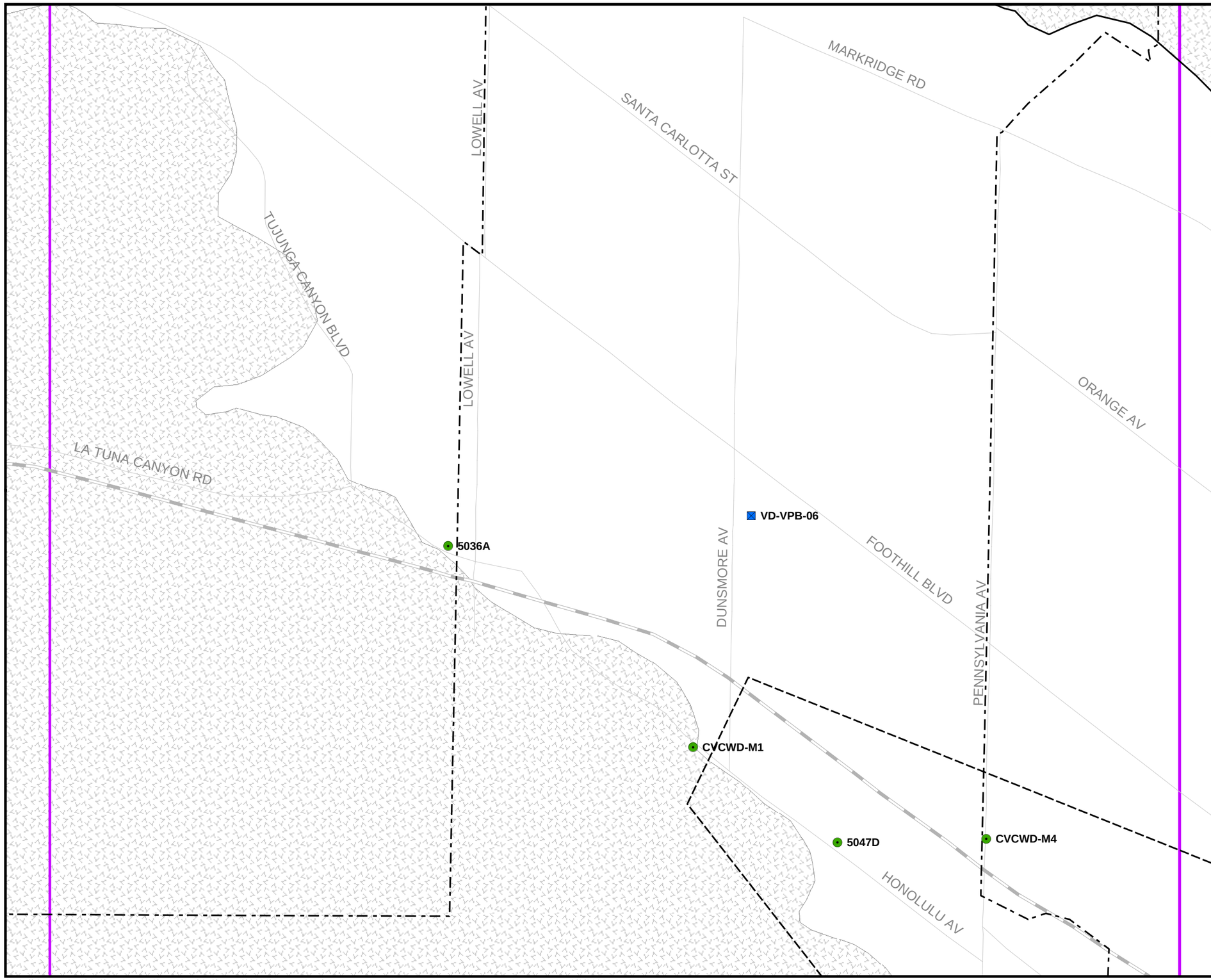
0 500 1,000 2,000
Feet

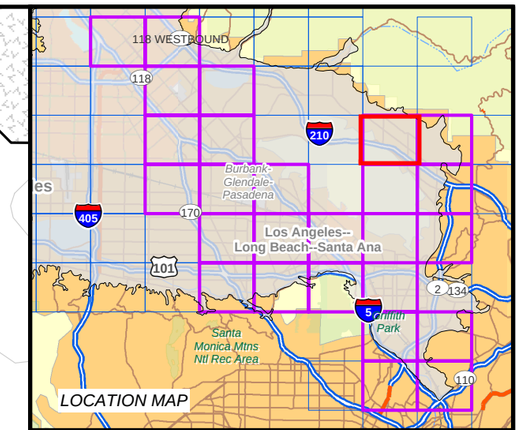
PLATE 34

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 500 1,000 2,000
Feet

PLATE 37

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL

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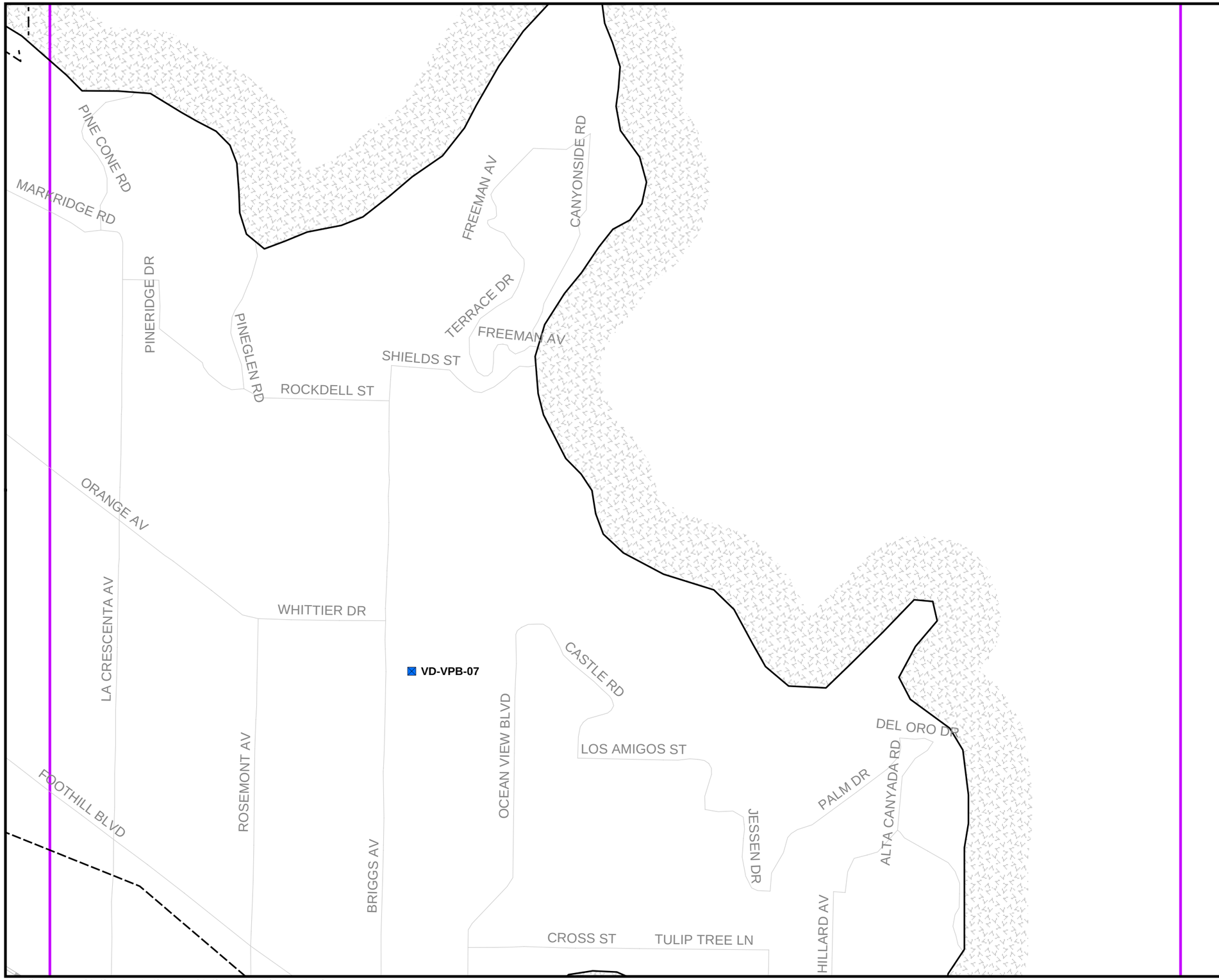

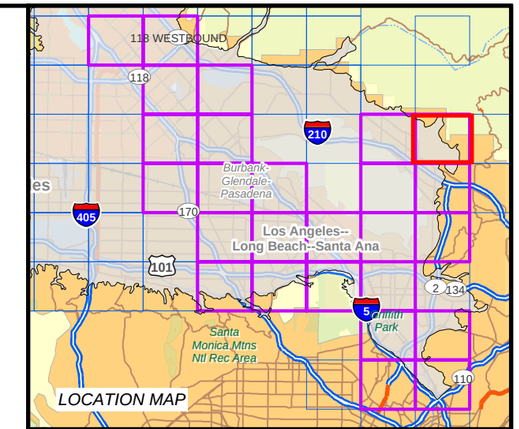

LEGEND

- > 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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 500 1,000 2,000
Feet

PLATE 38

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL

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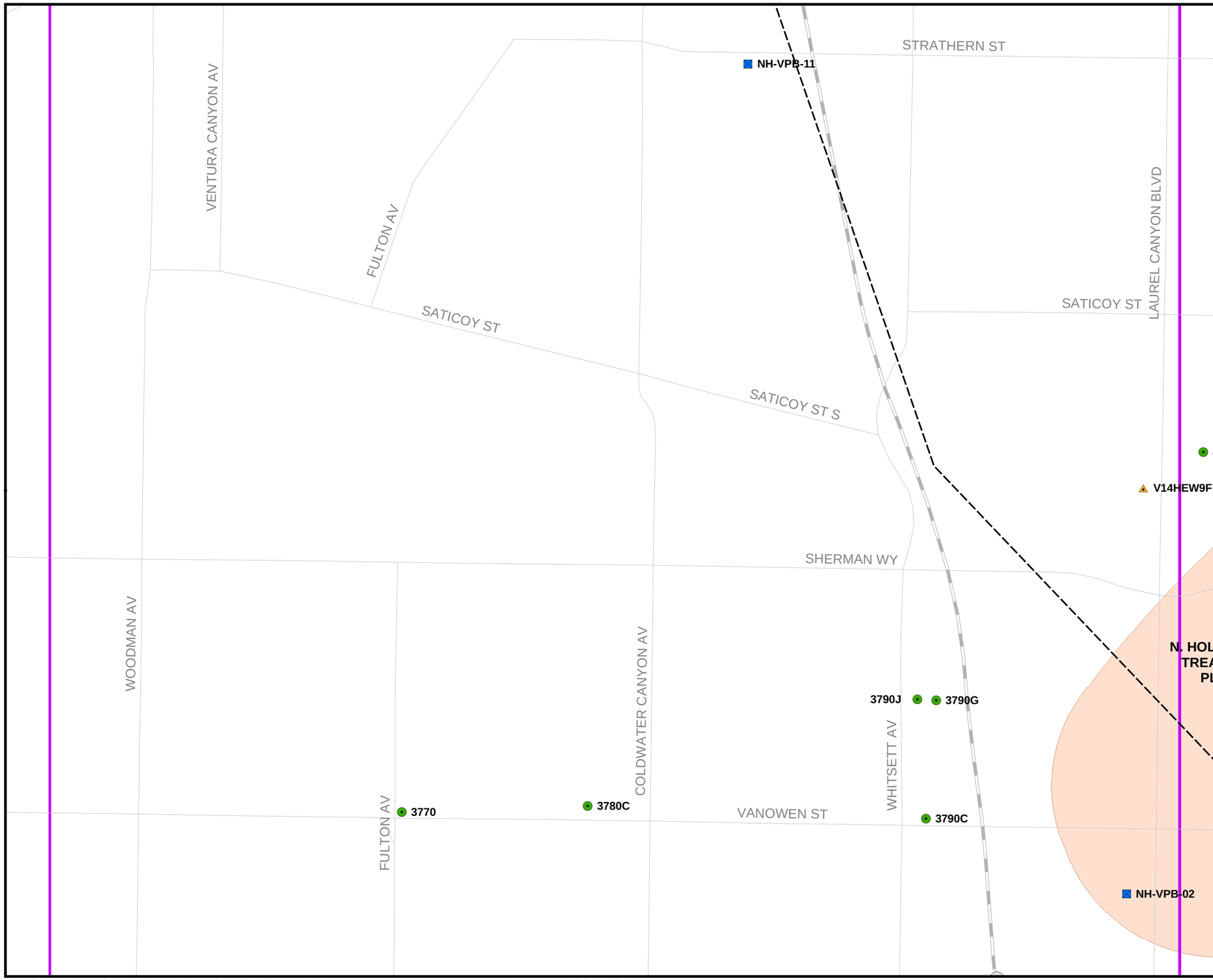
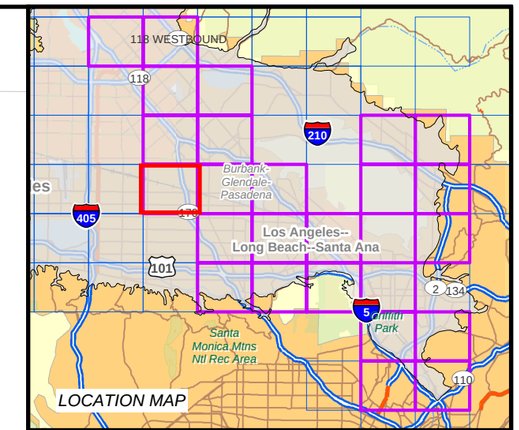




LEGEND

- > 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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 500 1,000 2,000
Feet

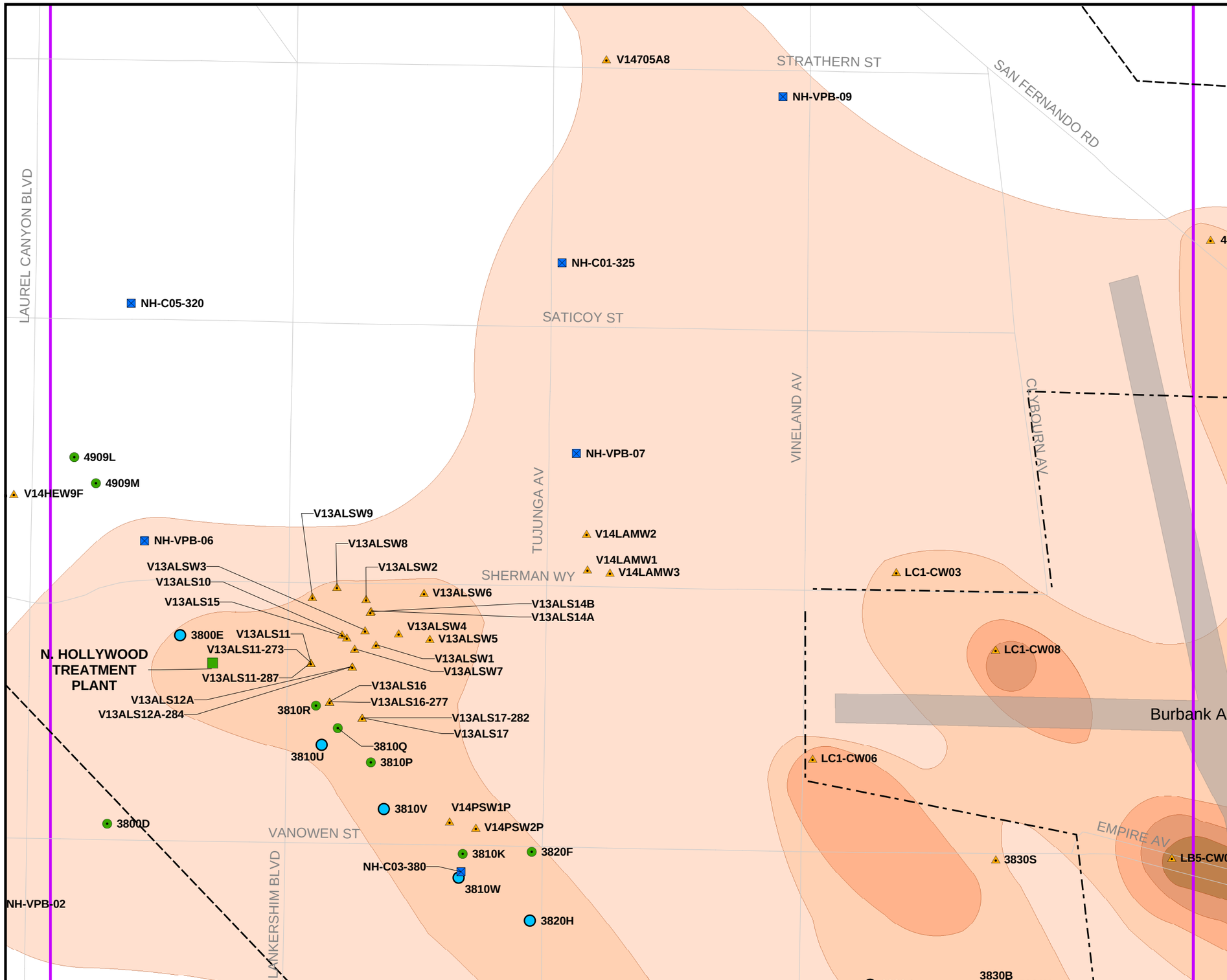
PLATE 46

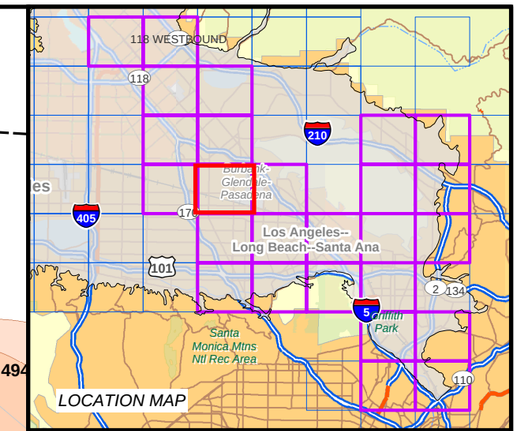
PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL

SFO \\CABLECAR\GIS\PROJECTS\EPASFV\GIS\MXDS\2006\05REPORT\APPENDIX_H_05RPT.MXD APPENDIX_H_05RPT.PDF 12/8/2006 12:58:25





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

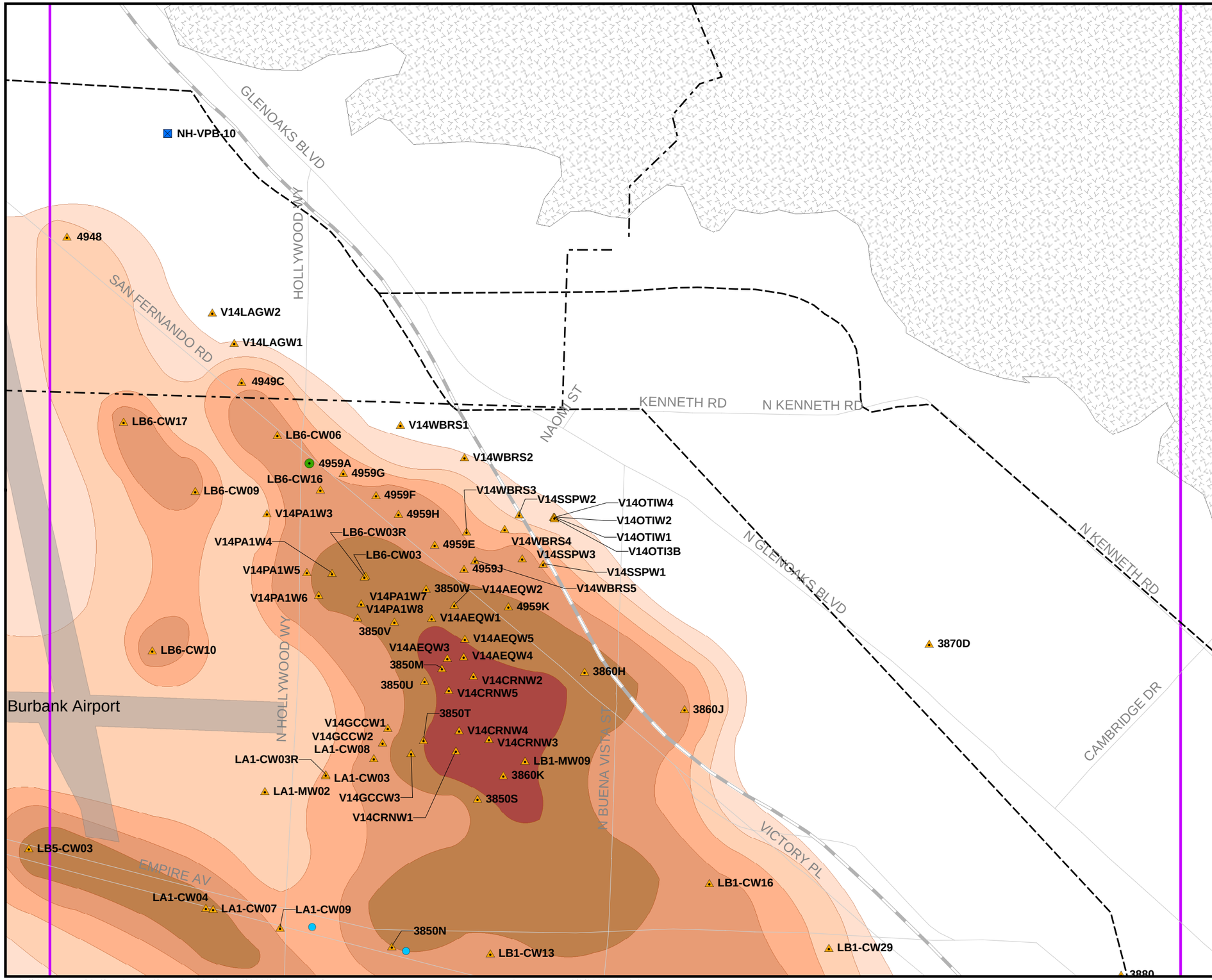
0 500 1,000 2,000
Feet

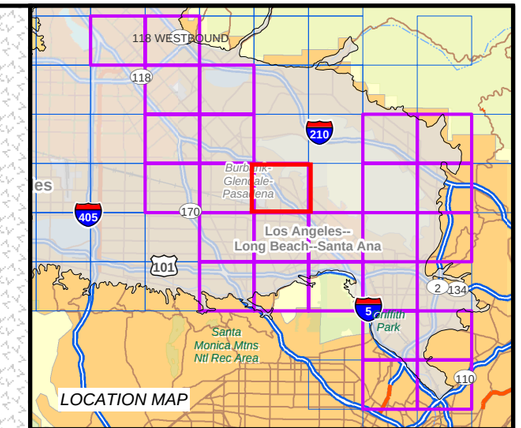
PLATE 47

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

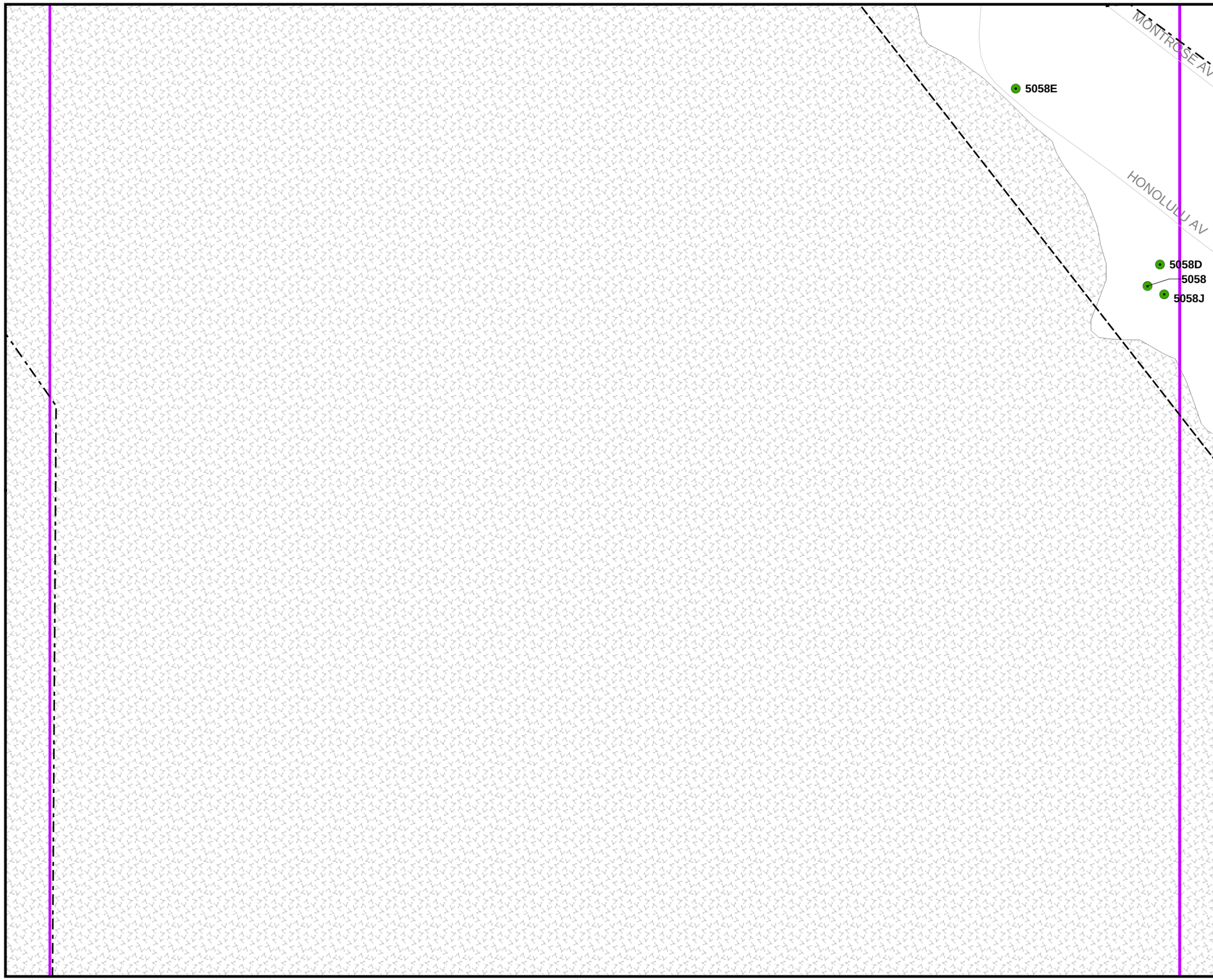
0 500 1,000 2,000
Feet

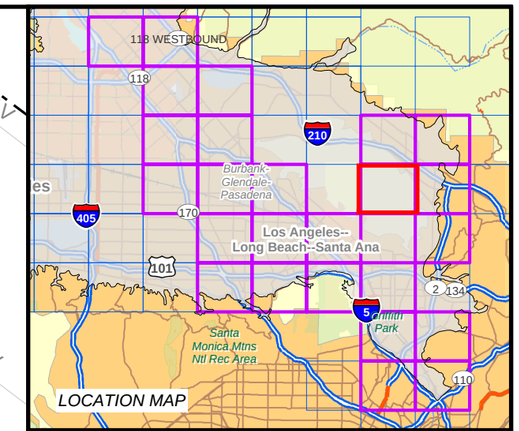
PLATE 48

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

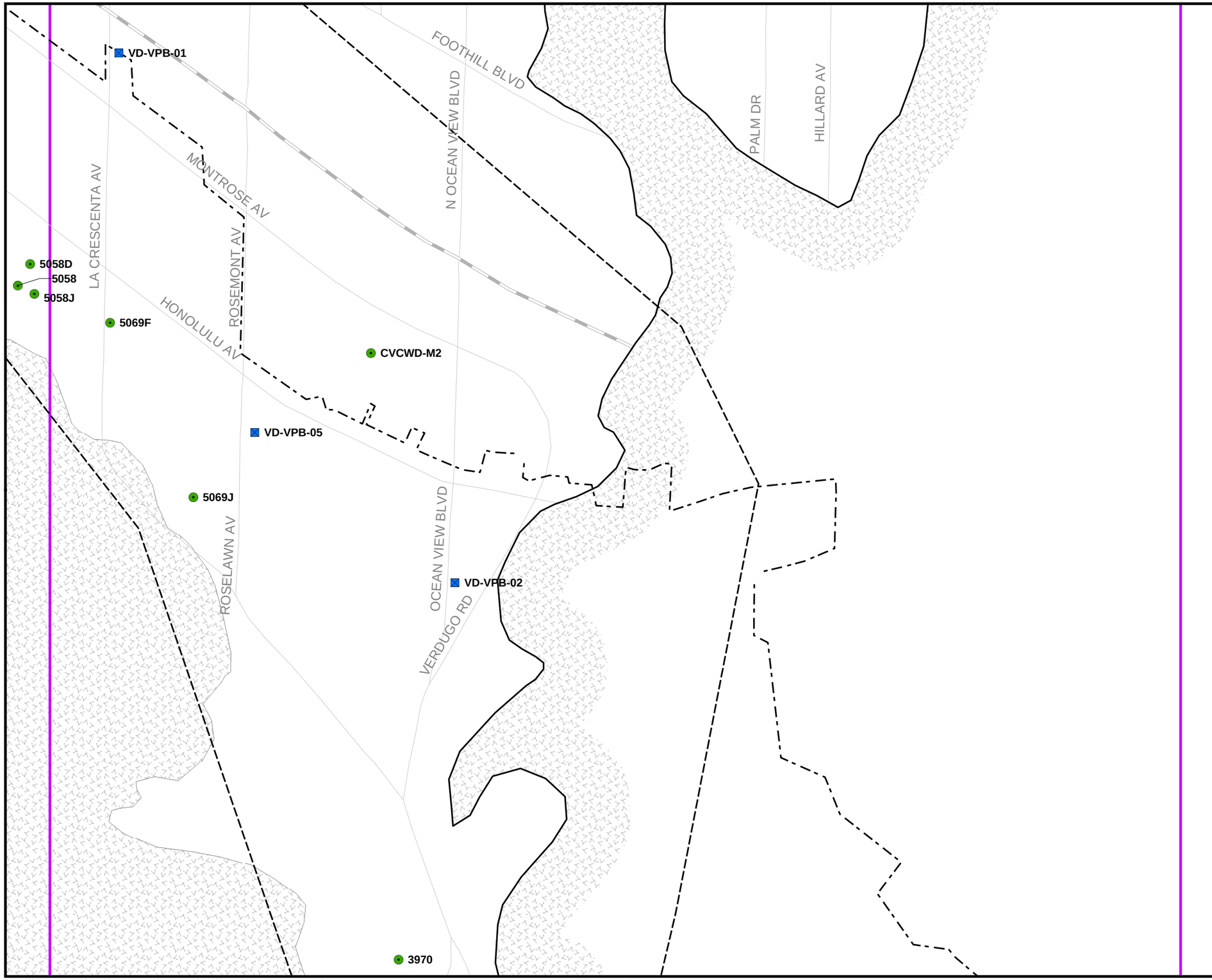
0 500 1,000 2,000
Feet

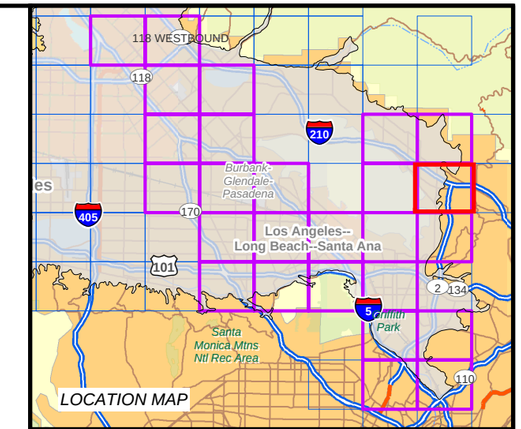
PLATE 49

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

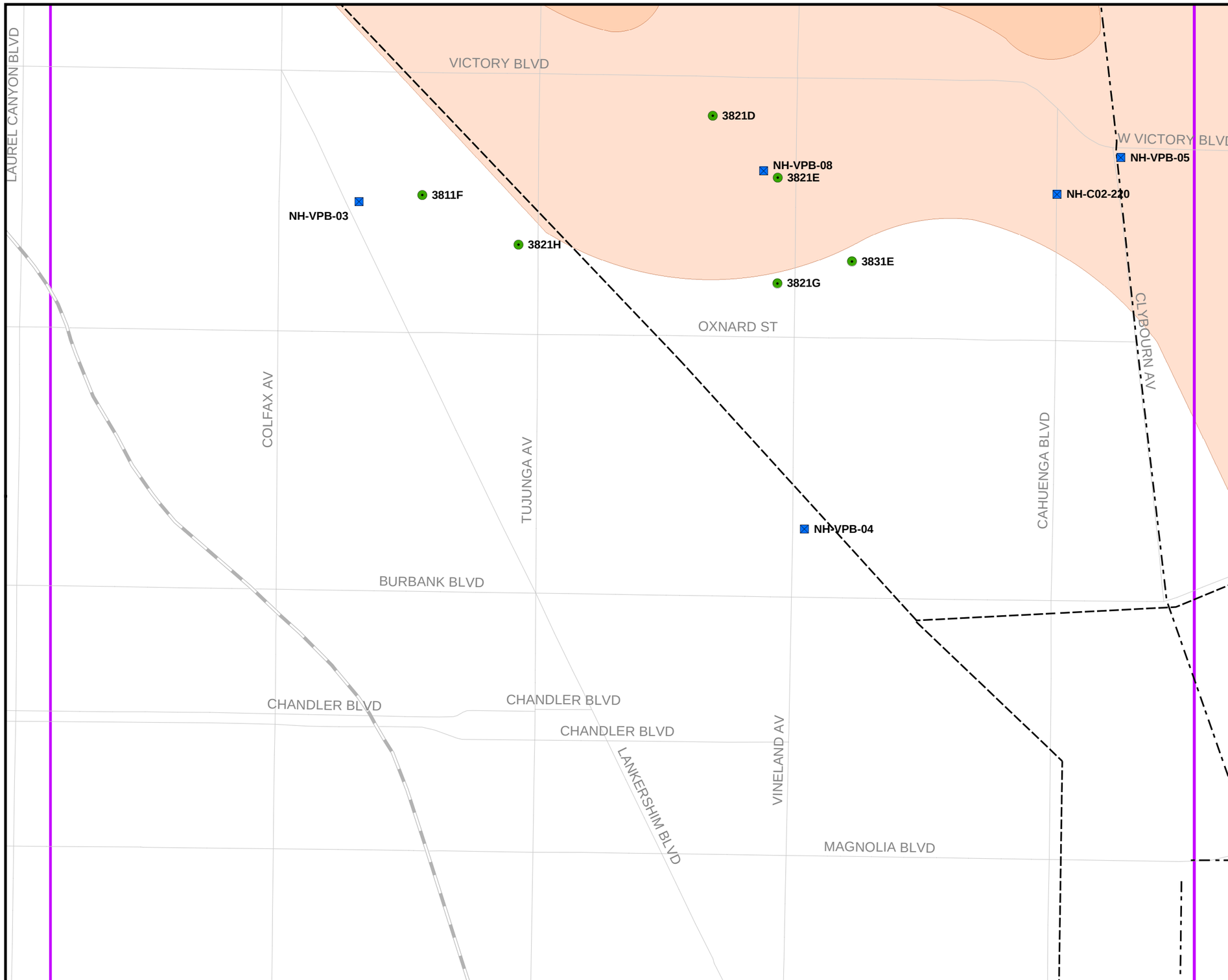
0 500 1,000 2,000
Feet

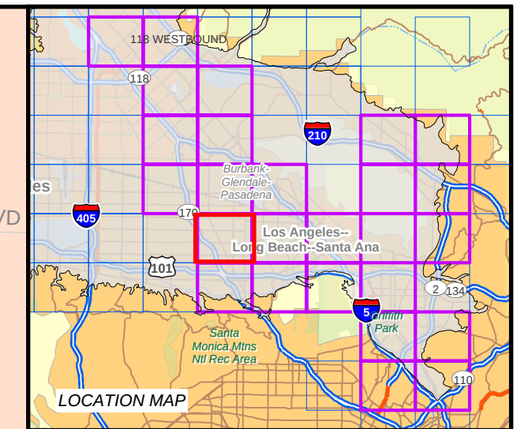
PLATE 50

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 500 1,000 2,000
Feet

PLATE 60

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL

SFO \\CABLECAR\GIS\PROJECTS\EPASFV\GIS\MXDS\2006\05REPORT\APPENDIX_H_05RPT.MXD APPENDIX_H_05RPT.PDF 12/8/2006 12:58:25

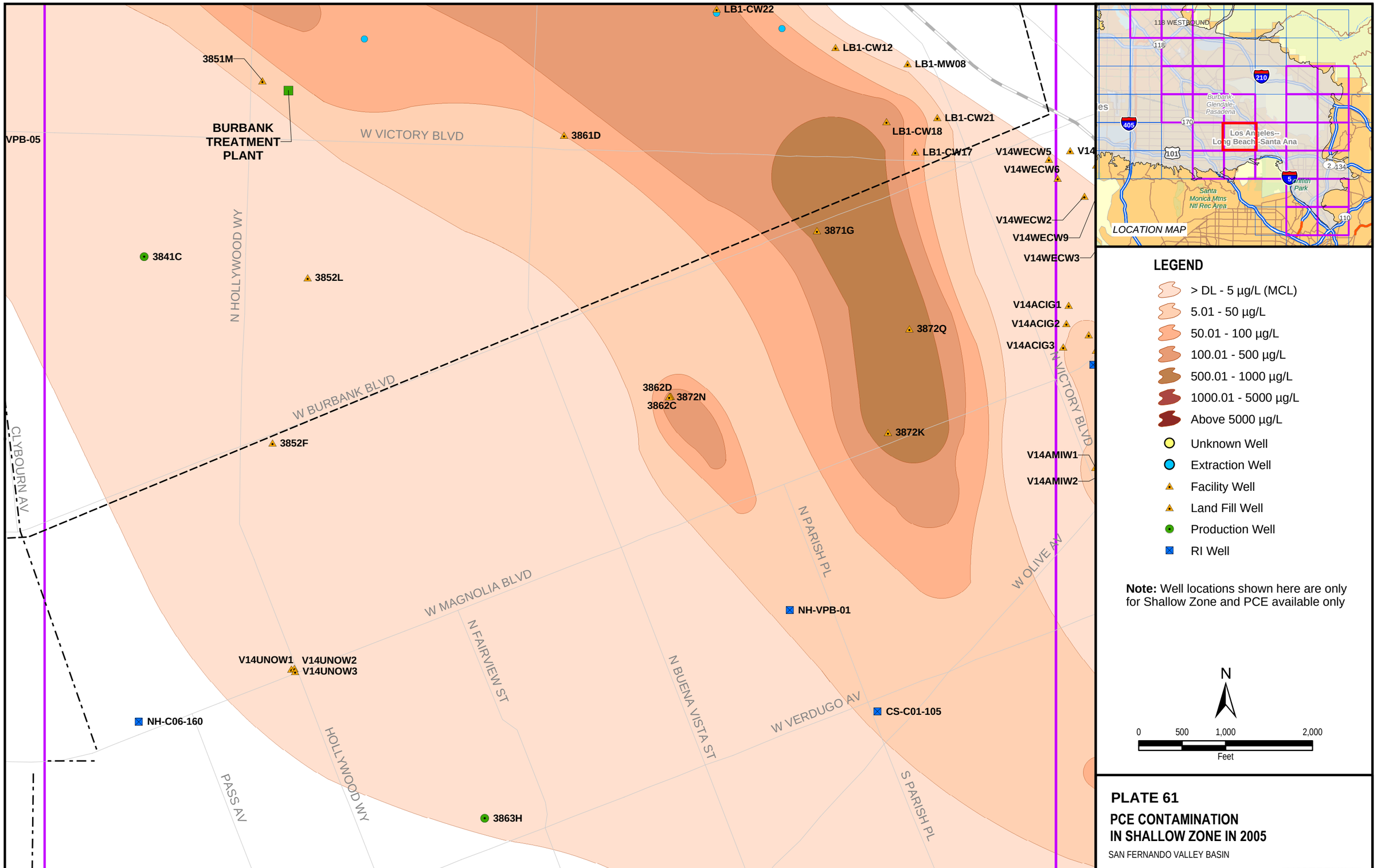


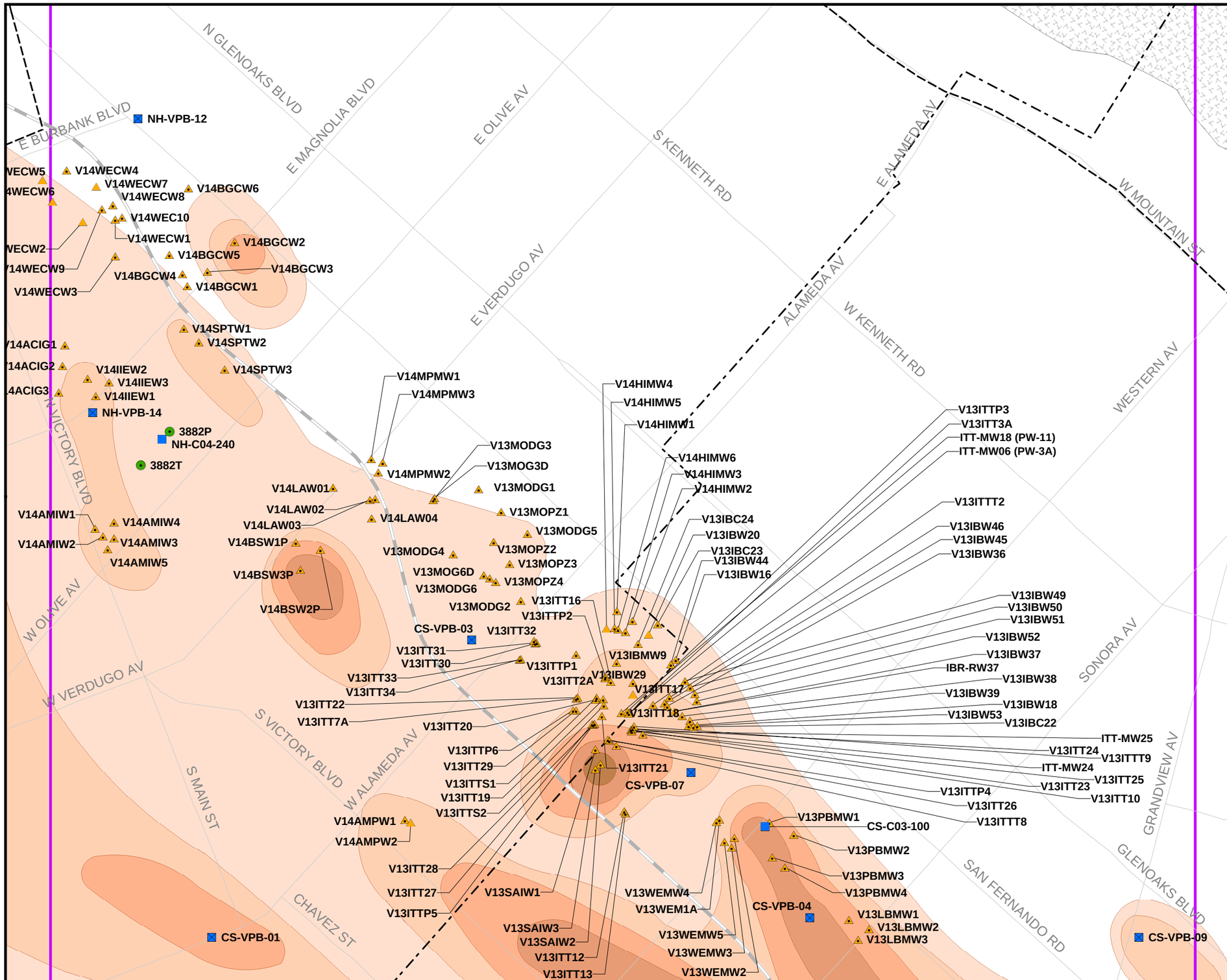
PLATE 61

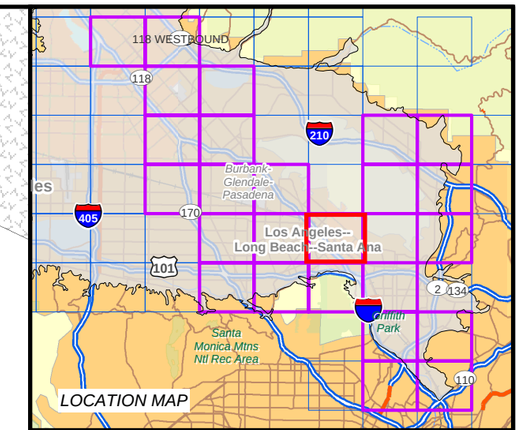
PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL

SFO \\CABLECAR\GIS\PROJECTS\EPASFV\GIS\MXDS\2006\05REPORT\APPENDIX_H_05RPT.MXD APPENDIX_H_05RPT.PDF 12/8/2006 12:58:25





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 500 1,000 2,000
Feet

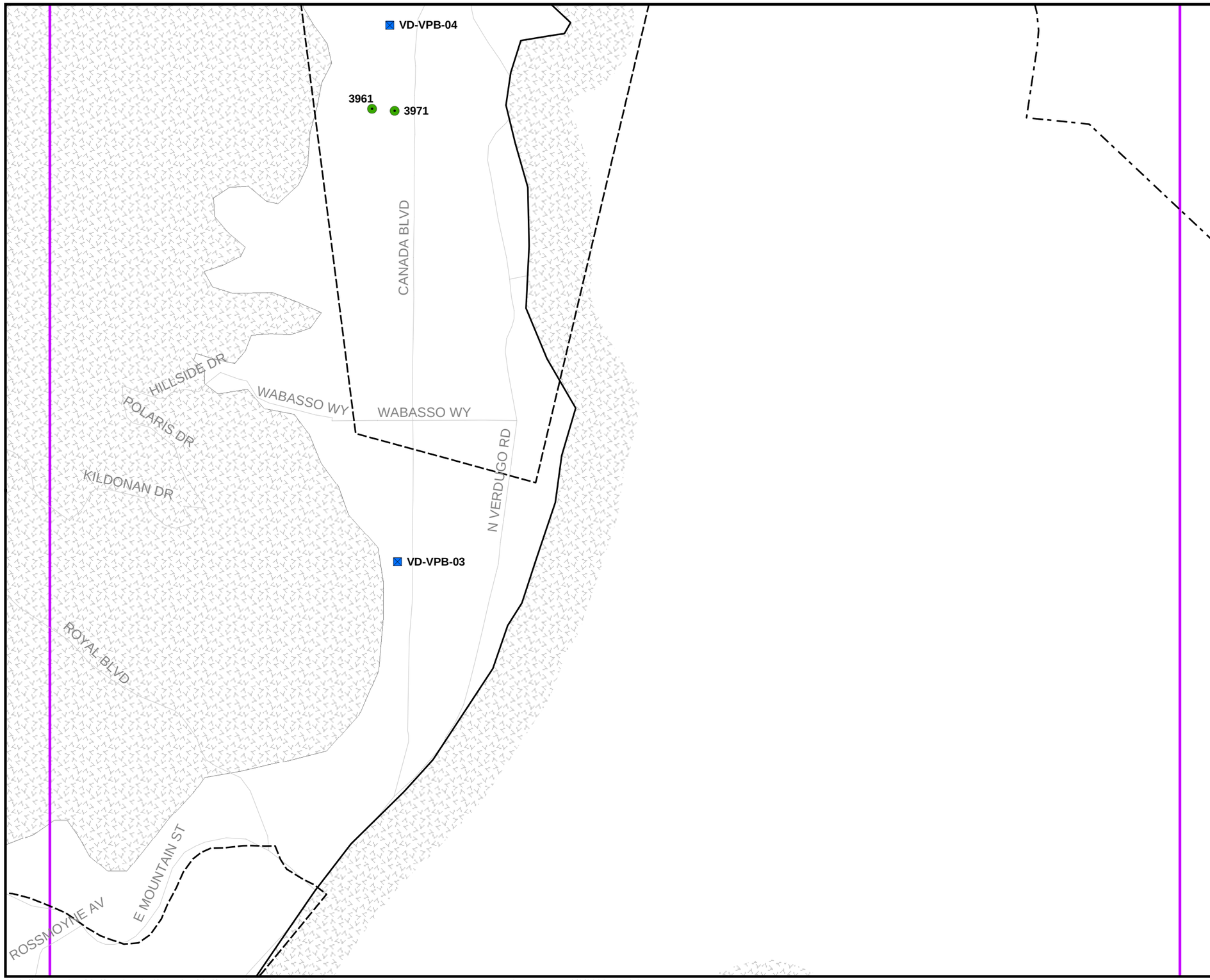
PLATE 62

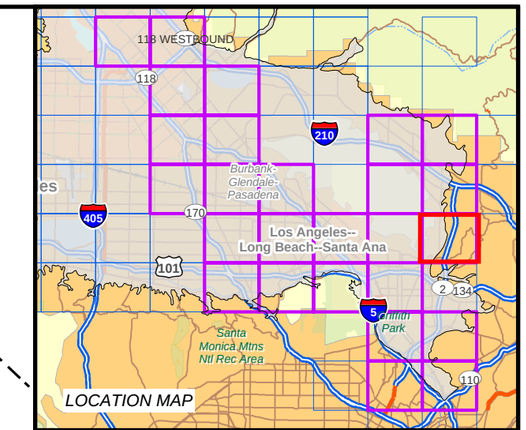
PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL

SFO \\CABLECAR\GIS\PROJECTS\EPASFV\GIS\MXDS\2006\05REPORT\APPENDIX_H_05RPT.MXD APPENDIX_H_05RPT.PDF 12/8/2006 12:58:25





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

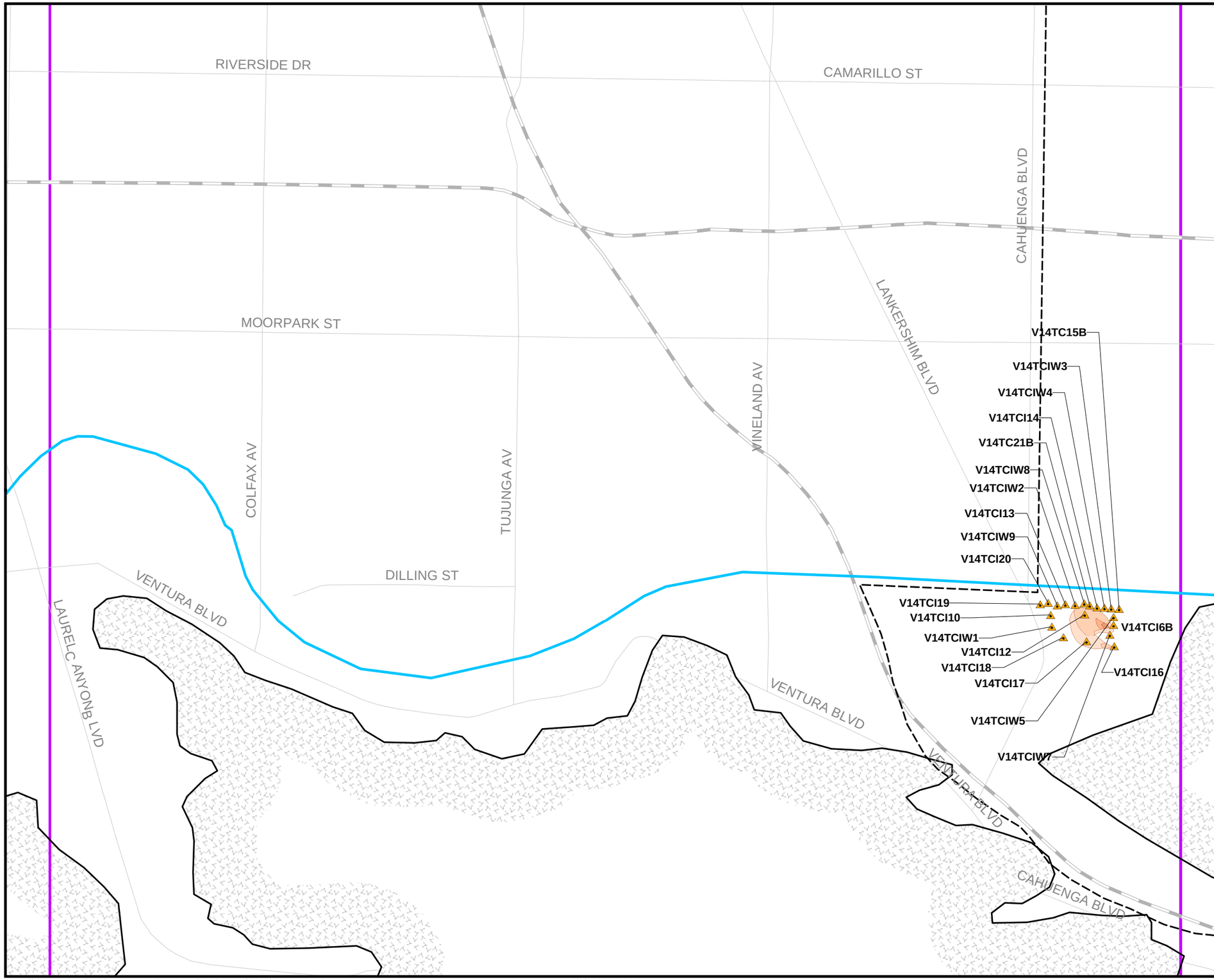
0 500 1,000 2,000
Feet

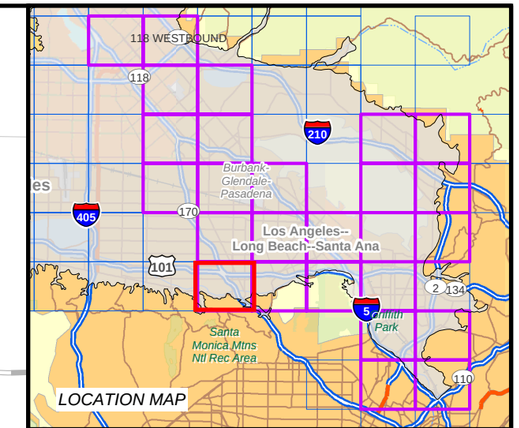
PLATE 64

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 500 1,000 2,000
Feet

PLATE 73

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL

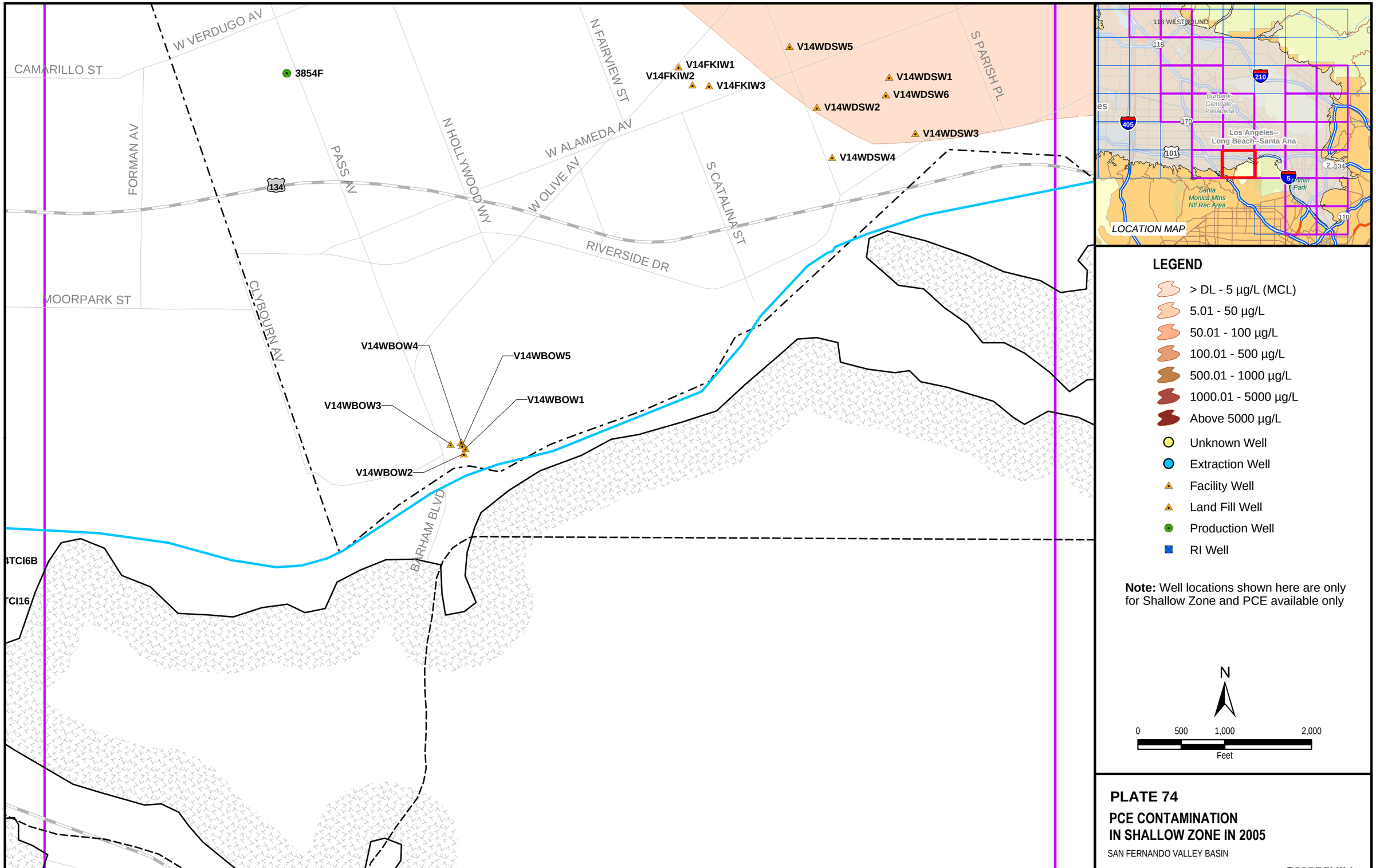


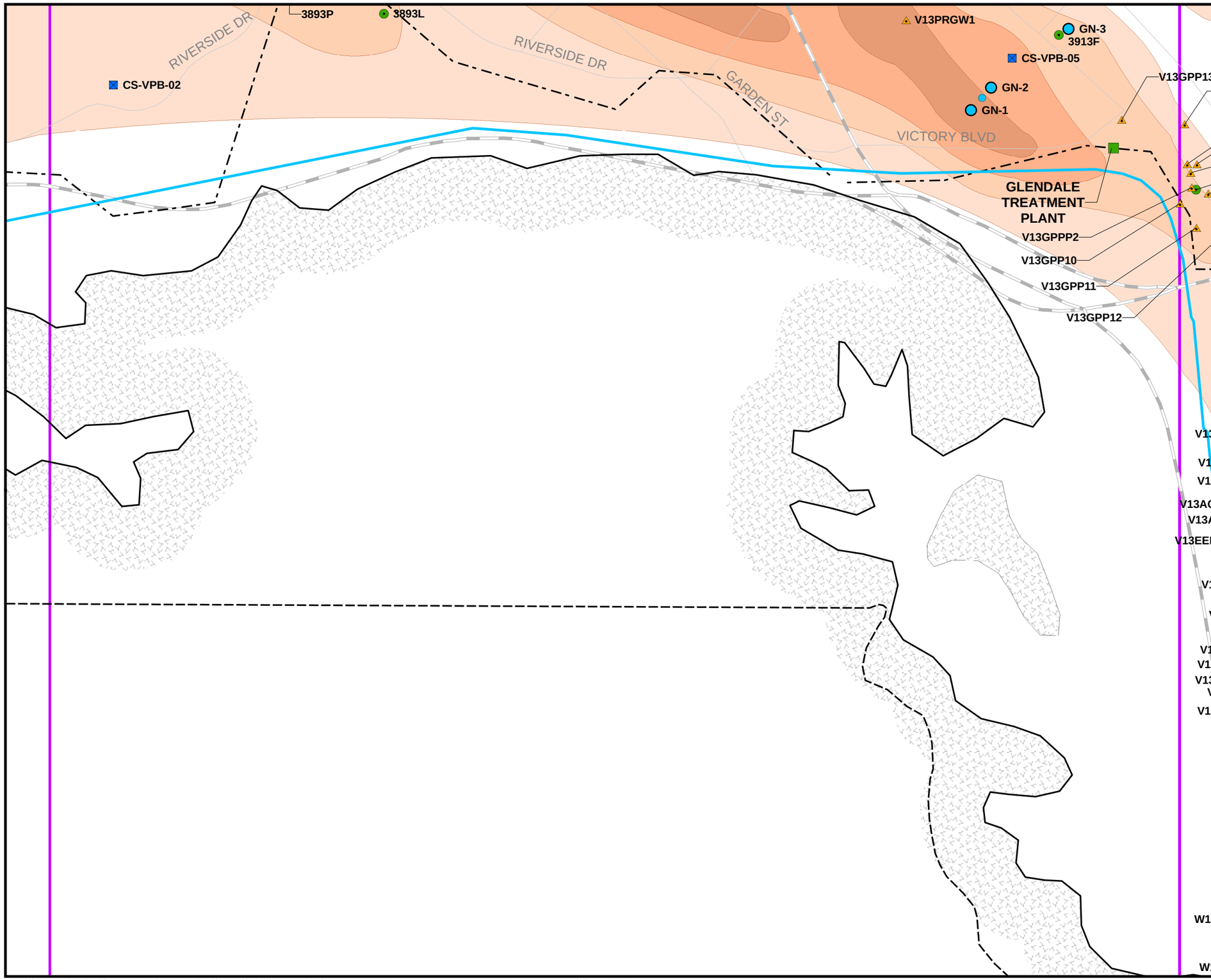
PLATE 74

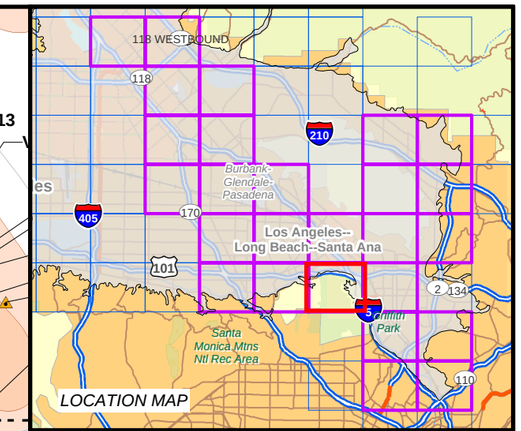
PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL

SFO \\CABLECAR\GIS\PROJECTS\EPASFV\GIS\MXDS\2006\05REPORT\APPENDIX_H_05RPT.MXD APPENDIX_H_05RPT.PDF 12/8/2006 12:58:25





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

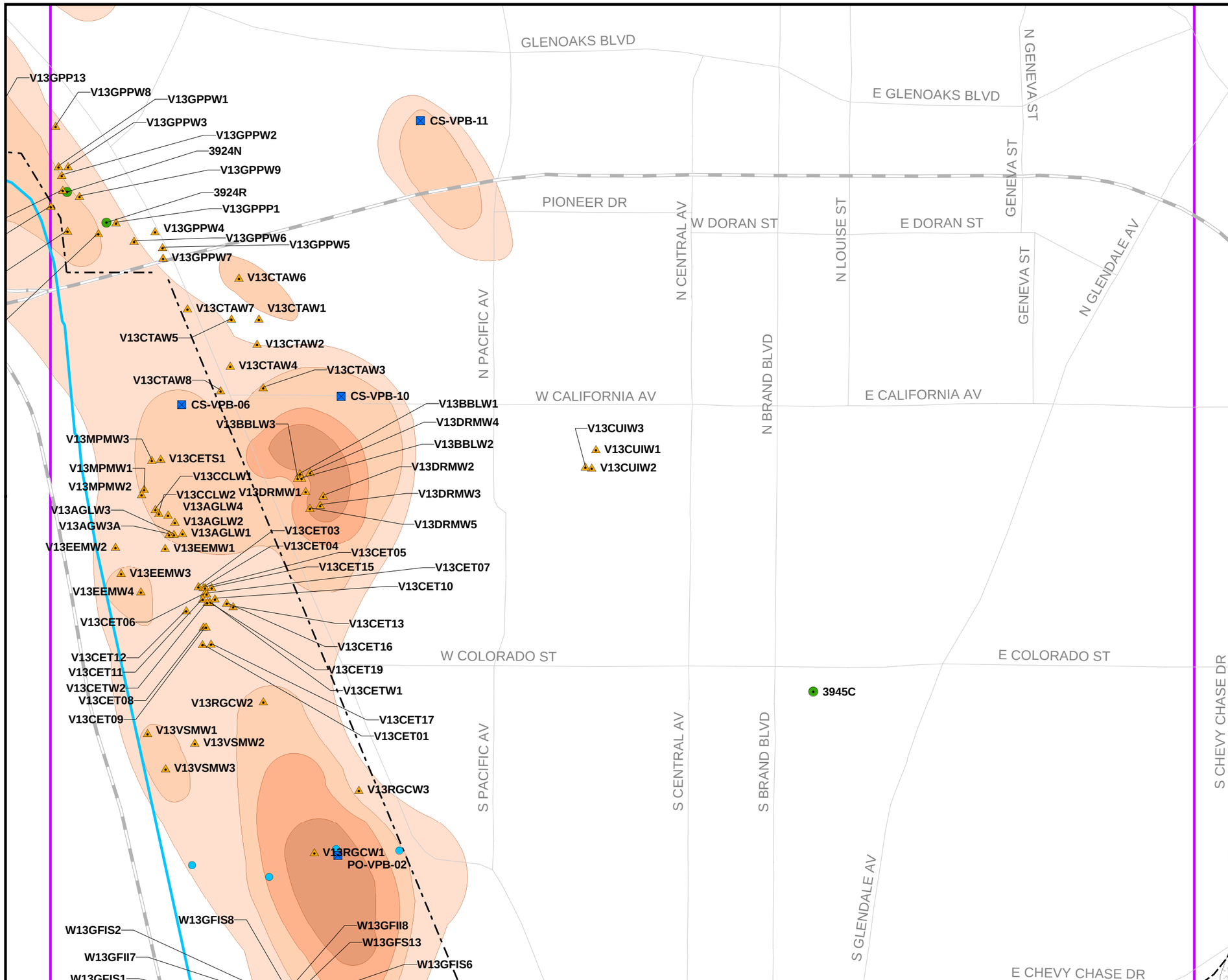
0 500 1,000 2,000
Feet

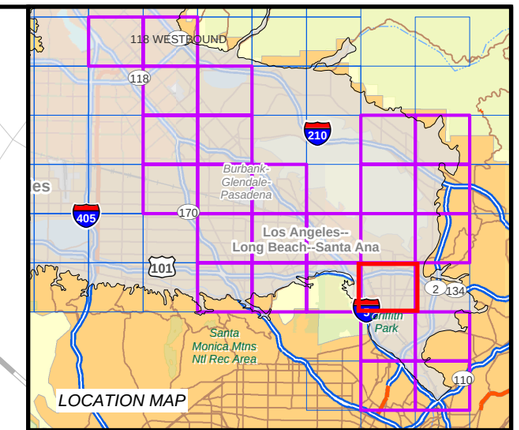
PLATE 75

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 500 1,000 2,000
Feet

PLATE 76

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL

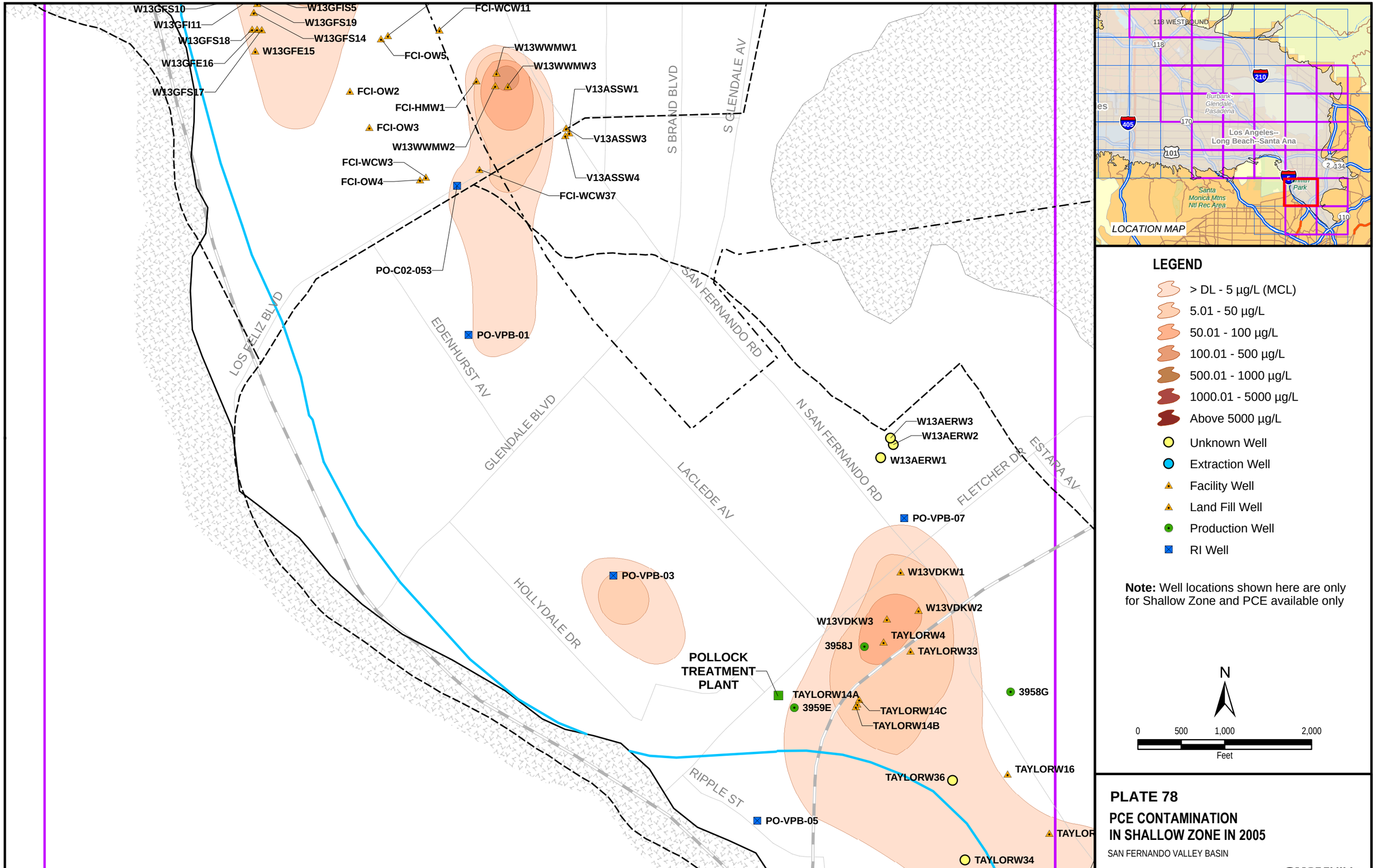


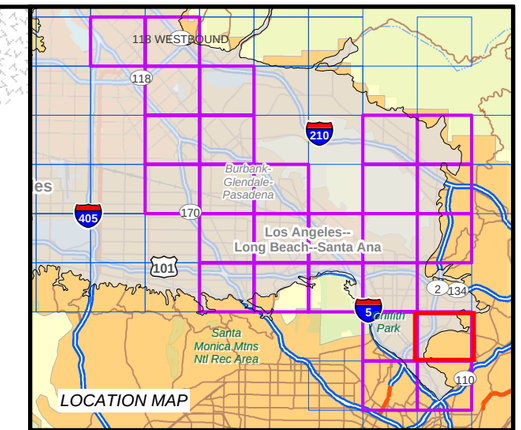
PLATE 78

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL

SFO \\CABLECAR\GIS\PROJECTS\EPASFV\GIS\MXDS\2006\05REPORT\APPENDIX_H_05RPT.MXD APPENDIX_H_05RPT.PDF 12/8/2006 12:58:25



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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

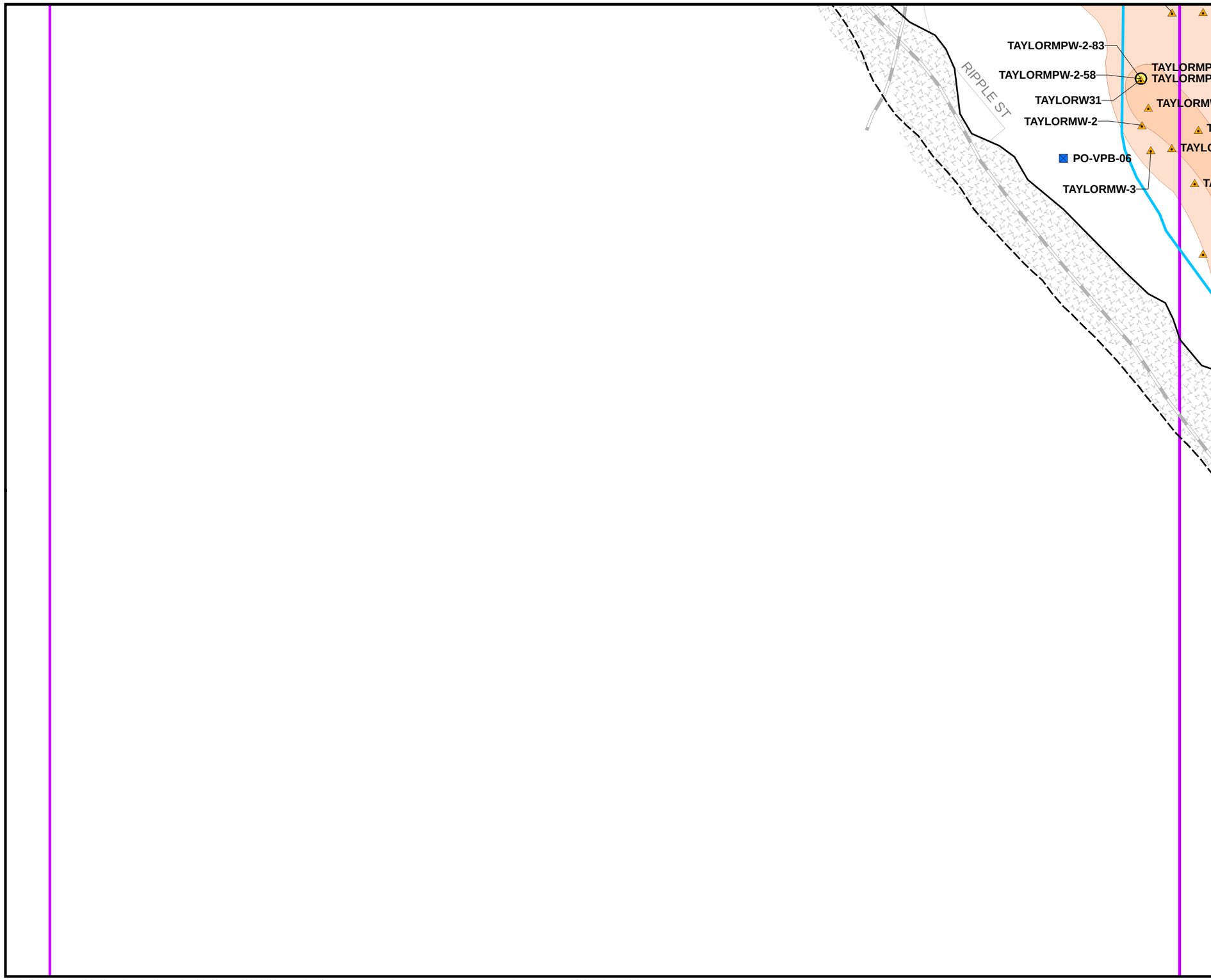
0 500 1,000 2,000
Feet

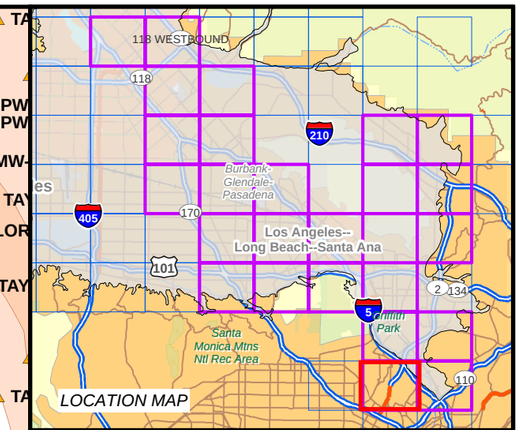
PLATE 79

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

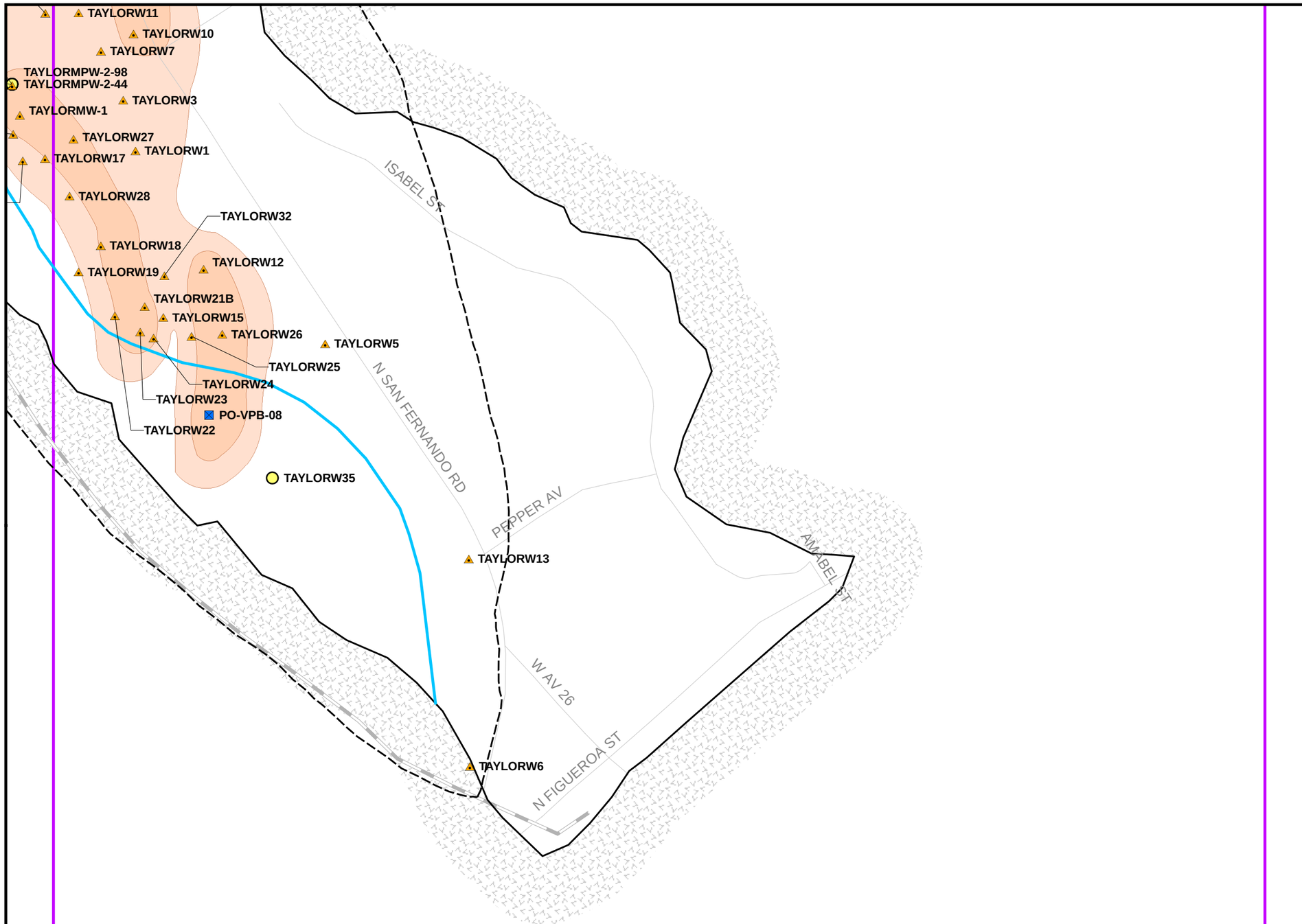
0 500 1,000 2,000
Feet

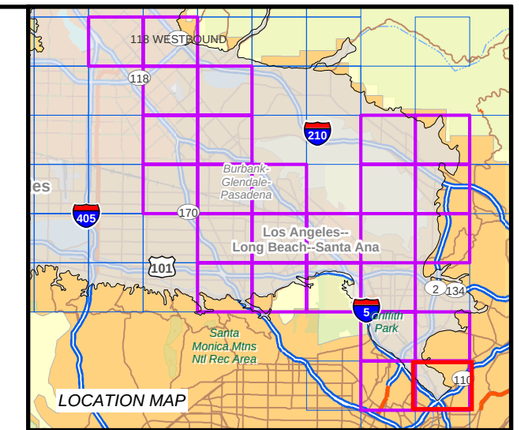
PLATE 81

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL





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
- Above 5000 µg/L
- Unknown Well
- Extraction Well
- Facility Well
- Land Fill Well
- Production Well
- RI Well

Note: Well locations shown here are only for Shallow Zone and PCE available only

N

0 500 1,000 2,000
Feet

PLATE 82

PCE CONTAMINATION IN SHALLOW ZONE IN 2005

SAN FERNANDO VALLEY BASIN

CH2MHILL