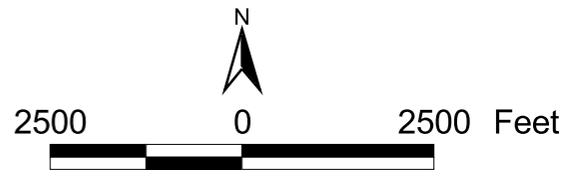
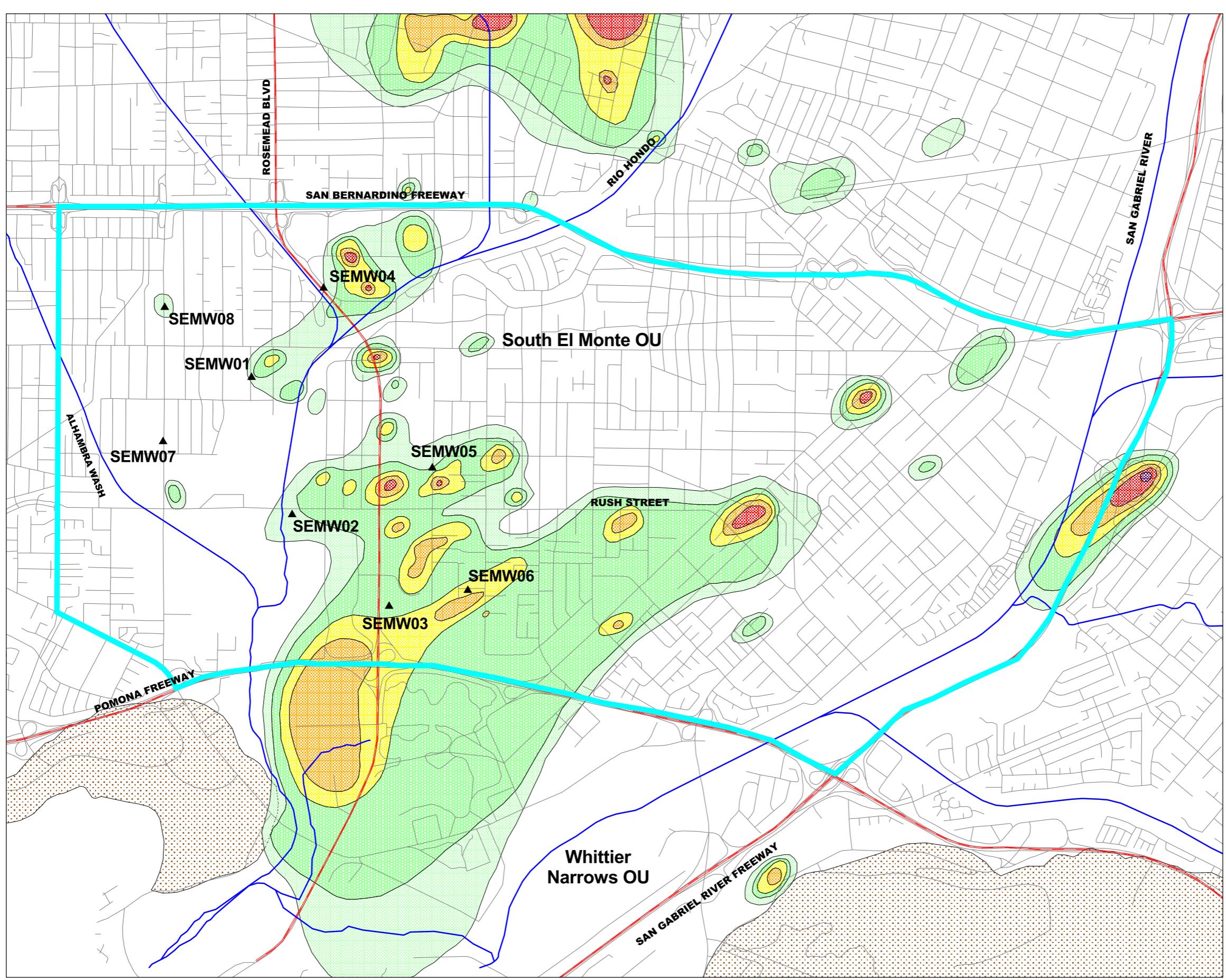


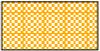
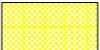
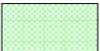
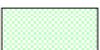
LEGEND

-  MAJOR TRANSPORTATION
-  SOUTH EL MONTE OU
-  HYDROLOGIC BOUNDARY
-  BEDROCK

Figure 1
Location Map
South El Monte Operable Unit

South El Monte OU ESD



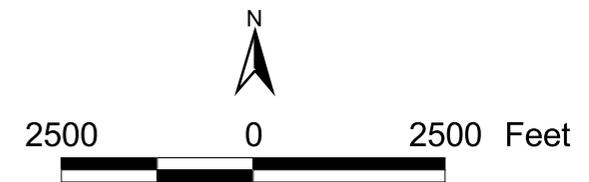
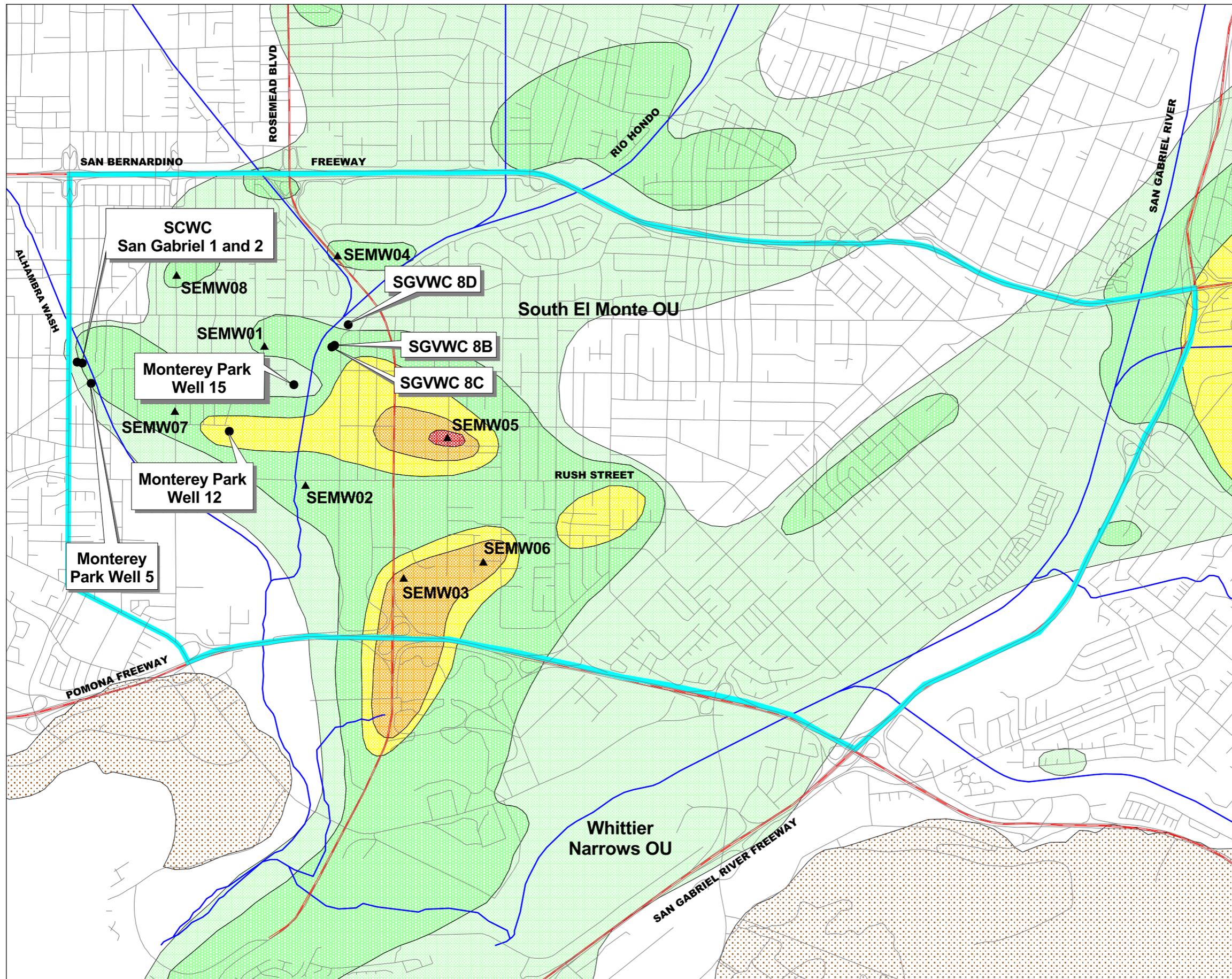
-  BEDROCK
-  VOC CONTAMINATION POTENTIALLY EXCEEDING 1000X MCL
-  VOC CONTAMINATION POTENTIALLY RANGING FROM 100X TO < 1000X MCL
-  VOC CONTAMINATION POTENTIALLY RANGING FROM 20X TO < 100X MCL
-  VOC CONTAMINATION POTENTIALLY RANGING FROM 10X TO < 20X MCL
-  VOC CONTAMINATION POTENTIALLY RANGING FROM MCL TO < 10X MCL
-  VOC CONTAMINATION POTENTIALLY RANGING FROM LABORATORY DETECTION LIMITS TO < MCL
-  BASIN BOUNDARY
-  MAJOR TRANSPORTATION
-  RI MONITORING WELL
-  SOUTH EL MONTE OPERABLE UNIT BOUNDARY

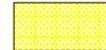
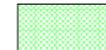
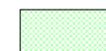
THE AREAS OF CONTAMINATION SHOWN REPRESENT SIMPLIFIED APPROXIMATIONS BASED ON THE LAST AVAILABLE CONCENTRATION (THROUGH 03/06/03) OF ANY OF A SELECT LIST OF VOCs. AREAS OF CONTAMINATION ARE BASED ON THE MOST RECENT AND HIGHEST VOC RESULTS AT EACH WELL, DIVIDED BY THE MCL FOR EACH VOC. THE VOC AT EACH WELL WITH THE HIGHEST QUOTIENT WAS THEN USED IN THE CONCENTRATION CONTOURING PROCESS. ONLY WATER QUALITY DATA FROM PRODUCTION AND MONITORING WELLS SCREENED ENTIRELY IN THE UPPER 75 FEET OF THE SATURATED AQUIFER WERE USED. DATA POINTS MORE THAN FIVE YEARS OLD WERE GENERALLY NOT CONSIDERED.

BECAUSE CONTAMINATION CONCENTRATIONS VARY WITH TIME, A WELL MAY AT TIMES PRODUCE WATER WITH DIFFERENT CONTAMINANT LEVELS THAN THOSE INDICATED. DIFFERENCES COULD ALSO BE CAUSED BY VERTICAL VARIATIONS IN CONTAMINATION (THE FIGURE IS A TWO-DIMENSIONAL DEPICTION OF CONTAMINATION THAT ACTUALLY VARIES WITH DEPTH).

THE FIGURE SHOWS ONLY REGIONAL VARIABILITY IN CONTAMINATION IN MUCH OF THE BASIN. DISTANCES BETWEEN DATA POINTS ARE IN THE 1,000S OF FEET. THUS, THERE IS SIGNIFICANT UNCERTAINTY IN THE TRUE LOCATIONS OF THE CONCENTRATION CONTOURS.

Figure 2
Shallow Groundwater Zone
 (<100 feet below ground surface)
VOC Contamination
Through March 2003
 South El Monte OU ESD



-  BEDROCK
-  VOC CONTAMINATION POTENTIALLY RANGING FROM 100X TO < 1000X MCLS
-  VOC CONTAMINATION POTENTIALLY RANGING FROM 20X TO < 100X MCLS
-  VOC CONTAMINATION POTENTIALLY RANGING FROM 10X TO < 20X MCLS
-  VOC CONTAMINATION POTENTIALLY RANGING FROM MCLS TO < 10X MCLS
-  VOC CONTAMINATION POTENTIALLY RANGING FROM LABORATORY DETECTION LIMITS TO < MCLS
-  BASIN BOUNDARY
-  MAJOR TRANSPORTATION
-  EXTRACTION WELL
-  RI MONITORING WELL
-  SOUTH EL MONTE OPERABLE UNIT BOUNDARY

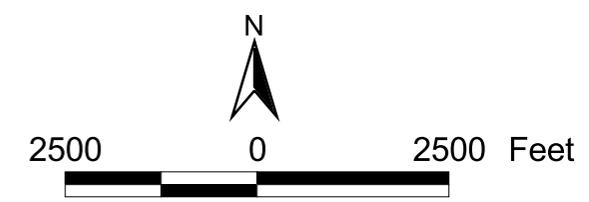
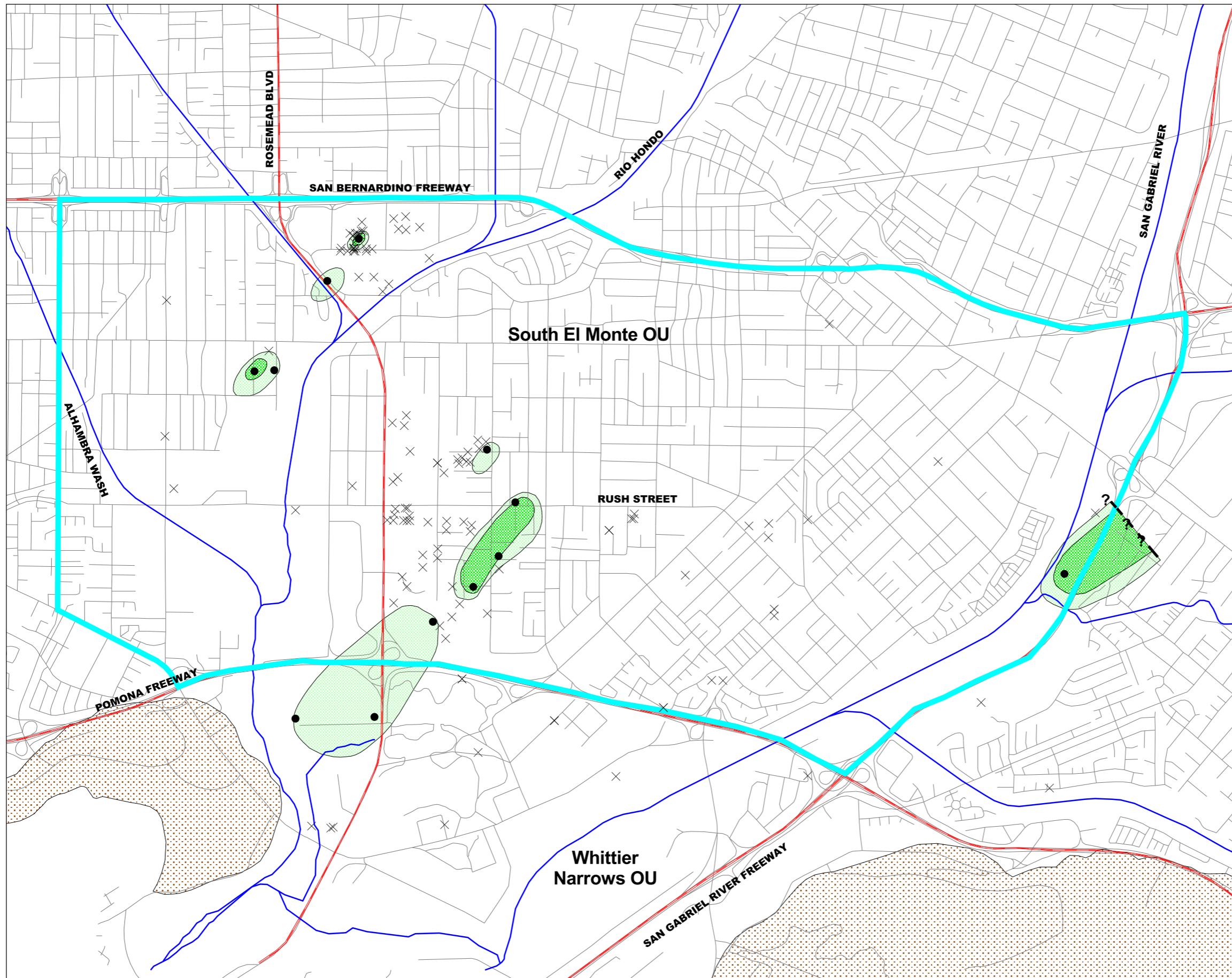
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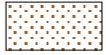
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THE FIGURE SHOWS ONLY REGIONAL VARIABILITY IN CONTAMINATION IN MUCH OF THE BASIN. DISTANCES BETWEEN DATA POINTS ARE IN THE 1,000S OF FEET. THUS, THERE IS SIGNIFICANT UNCERTAINTY IN THE TRUE LOCATIONS OF THE CONCENTRATION CONTOURS.

Figure 3
Intermediate Groundwater Zone
(>100 to 400 feet below ground surface)
VOC Contamination
Through March 2003

South El Monte OU ESD



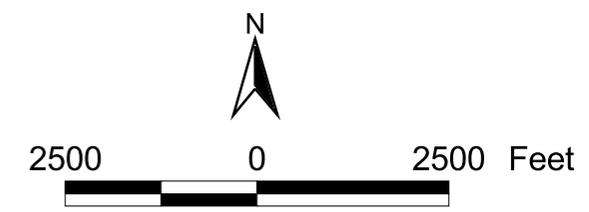
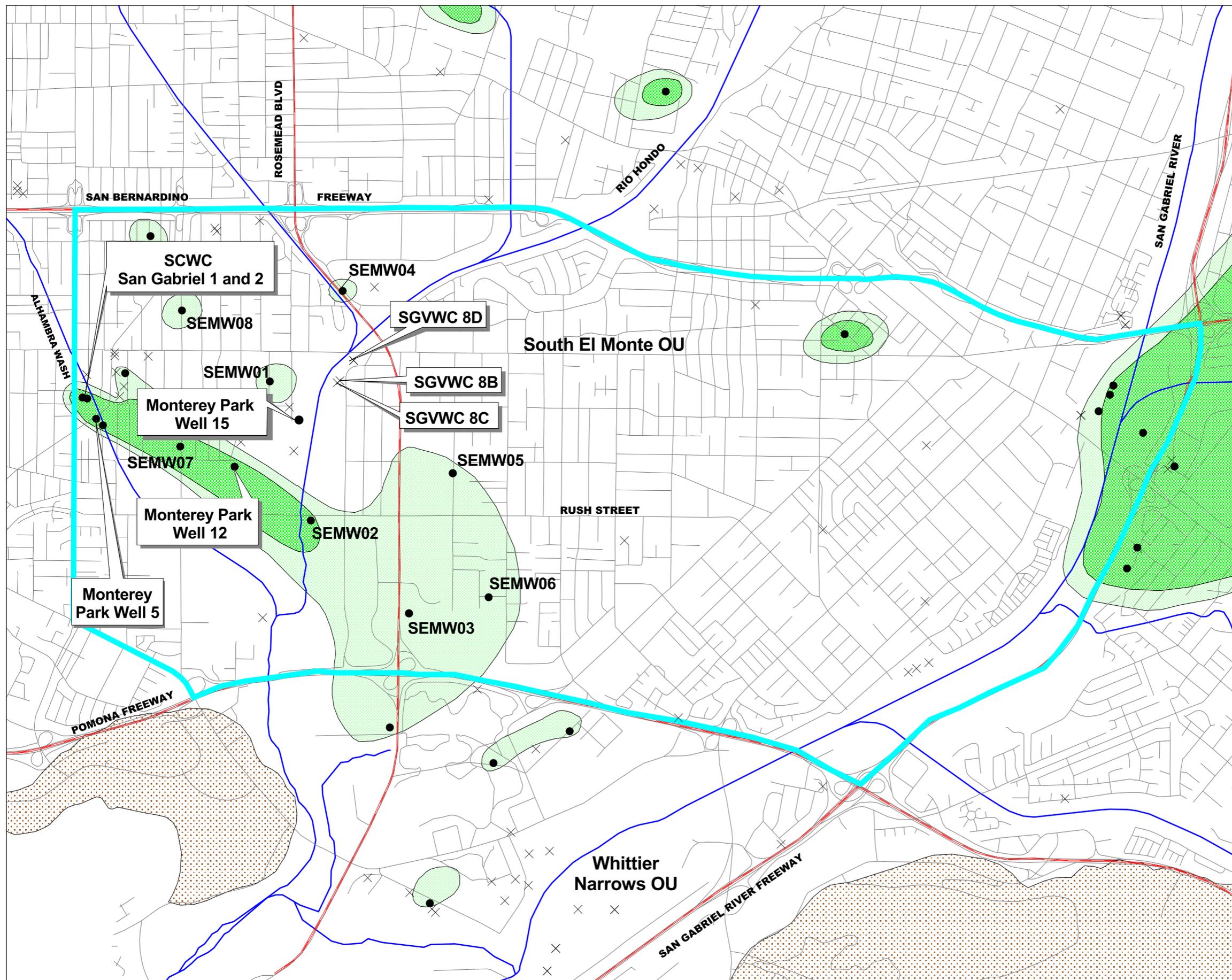
-  BEDROCK
-  PERCHLORATE CONTAMINATION POTENTIALLY > NL
-  PERCHLORATE CONTAMINATION POTENTIALLY RANGING FROM LABORATORY DETECTION LIMITS TO < NL
-  MAJOR TRANSPORTATION
-  WELL ABOVE NON-DETECT
-  NON-DETECT WELL
-  DASHED AND/OR QUERIED WHERE UNCERTAIN
-  SOUTH EL MONTE OPERABLE UNIT BOUNDARY

THE AREAS OF CONTAMINATION SHOWN REPRESENT SIMPLIFIED APPROXIMATIONS BASED ON THE LAST AVAILABLE CONCENTRATION (THROUGH 5/03) OF PERCHLORATE. ONLY WATER QUALITY DATA FROM PRODUCTION AND MONITORING WELLS SCREENED AT DEPTHS LESS THAN 75 FEET BELOW THE TOP OF THE WATER TABLE WERE USED.

BECAUSE CONTAMINANT CONCENTRATIONS VARY WITH TIME, A WELL MAY AT TIMES PRODUCE WATER WITH DIFFERENT CONTAMINANT LEVELS THAN THOSE INDICATED. DIFFERENCES COULD ALSO BE CAUSED BY VERTICAL VARIATIONS IN CONTAMINATION (THE FIGURE IS A TWO-DIMENSIONAL DEPICTION OF CONTAMINATION THAT ACTUALLY VARIES WITH DEPTH).

THE FIGURE SHOWS ONLY REGIONAL VARIABILITY IN CONTAMINATION. IN MUCH OF THE BASIN, DISTANCES BETWEEN DATA POINTS ARE IN THE 1,000'S OF FEET. THUS, THERE IS SIGNIFICANT UNCERTAINTY IN THE TRUE LOCATIONS OF THE CONCENTRATION CONTOURS.

Figure 4
Shallow Groundwater Zone
(<100 feet below ground surface)
Perchlorate Contamination
Through May 2003
 South El Monte OU ESD



-  BEDROCK
-  PERCHLORATE CONTAMINATION POTENTIALLY > NL
-  PERCHLORATE CONTAMINATION POTENTIALLY RANGING FROM LABORATORY DETECTION LIMITS TO < NL
-  MAJOR TRANSPORTATION
-  WELL ABOVE NON-DETECT
-  NON-DETECT WELL
-  SOUTH EL MONTE OPERABLE UNIT BOUNDARY

THE AREAS OF CONTAMINATION SHOWN REPRESENT SIMPLIFIED APPROXIMATIONS BASED ON THE LAST AVAILABLE CONCENTRATION (THROUGH 5/03) OF PERCHLORATE. ONLY WATER QUALITY DATA FROM PRODUCTION AND MONITORING WELLS SCREENED AT DEPTHS GREATER THAN 75 FEET BELOW THE TOP OF THE WATER TABLE WERE USED.

BECAUSE CONTAMINANT CONCENTRATIONS VARY WITH TIME, A WELL MAY AT TIMES PRODUCE WATER WITH DIFFERENT CONTAMINANT LEVELS THAN THOSE INDICATED. DIFFERENCES COULD ALSO BE CAUSED BY VERTICAL VARIATIONS IN CONTAMINATION (THE FIGURE IS A TWO-DIMENSIONAL DEPICTION OF CONTAMINATION THAT ACTUALLY VARIES WITH DEPTH).

THE FIGURE SHOWS ONLY REGIONAL VARIABILITY IN CONTAMINATION. IN MUCH OF THE BASIN, DISTANCES BETWEEN DATA POINTS ARE IN THE 1,000'S OF FEET. THUS, THERE IS SIGNIFICANT UNCERTAINTY IN THE TRUE LOCATIONS OF THE CONCENTRATION CONTOURS.

Figure 5
Intermediate Groundwater Zone
(>100 to 400 feet below ground surface)
Perchlorate Contamination
Through May 2003
 South El Monte OU ESD