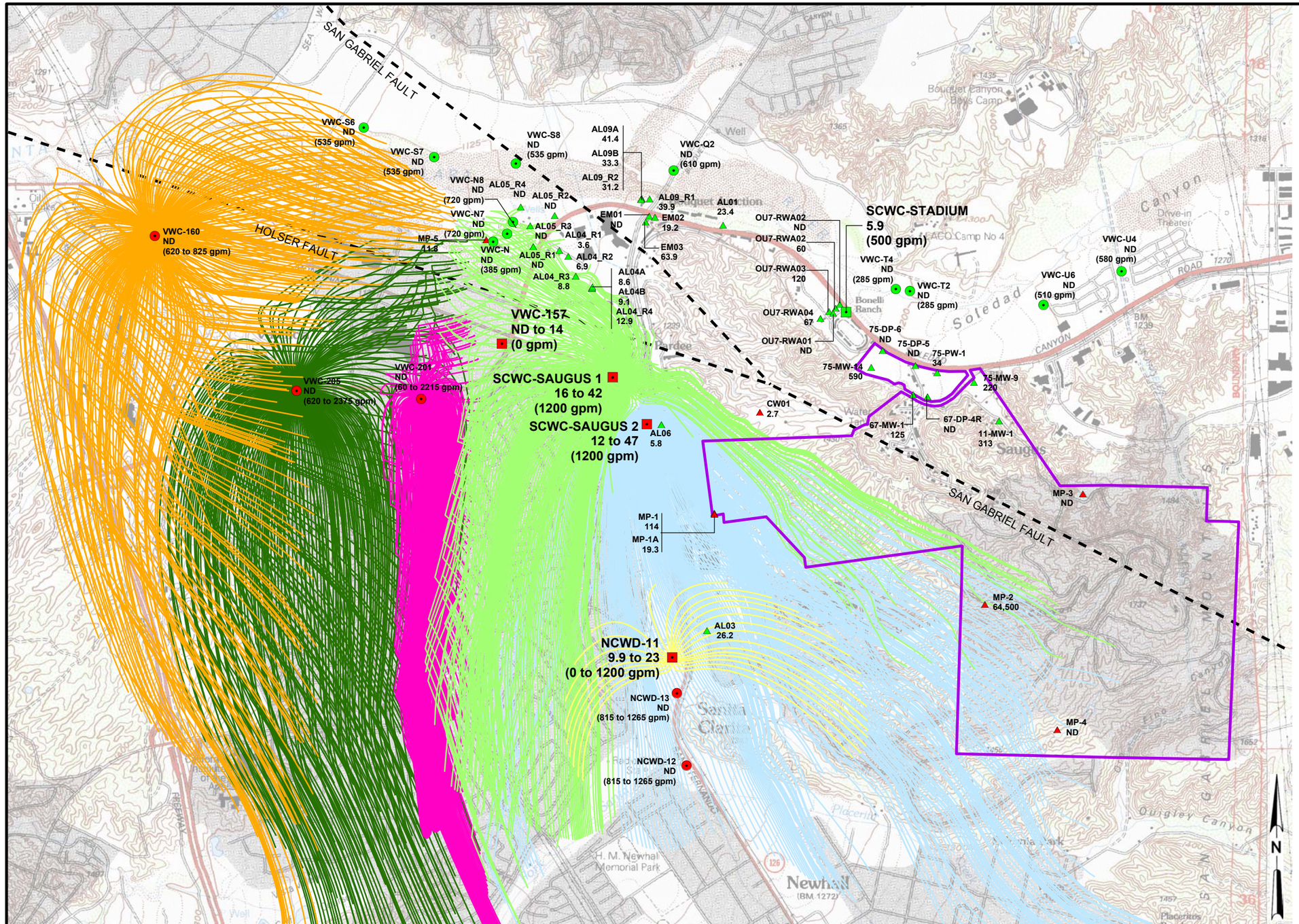

LEGEND

IMPACTED PRODUCTION WELL

- ALLUVIUM
- SAUGUS

NON-IMPACTED PRODUCTION WELL

- ALLUVIUM
- SAUGUS

MONITORING WELLS

- ALLUVIUM
- SAUGUS
- SCWC-SAUGUS 1
- SCWC-SAUGUS 2
- VWC-160
- VWC-201
- VWC-205
- NCWD-11
- WHITTAKER-BERMITE PROPERTY BOUNDARY

NOTES:

1. VALUES PRESENTED UNDER WELL SYMBOLS REPRESENT PERCHLORATE CONCENTRATION IN GROUNDWATER (µg/L).
2. INDICATED PUMPING RATES REPRESENT INSTANTANEOUS RATES WHEN THE WELL OPERATES.
3. ND = PERCHLORATE NOT DETECTED IN GROUNDWATER SAMPLE.
4. µg/L = MICROGRAMS PER LITER; gpm = GALLONS PER MINUTE
5. PARTICLES WERE INITIATED IN LAYERS 3, 4, AND 5. ALTHOUGH EACH WELL MAY DERIVE A PORTION OF ITS WATER FROM THE ALLUVIAL AQUIFER, PARTICLES THAT ARE TRACED INTO THE ALLUVIAL AQUIFER ARE NOT SHOWN ON THIS FIGURE BECAUSE THE INTENT OF THE FIGURE IS TO SHOW AREAS IN THE SAUGUS FORMATION THAT ARE CAPTURED BY EACH WELL.
6. FLOWPATHS ARE DELINEATED USING AN EFFECTIVE POROSITY OF 0.10 IN THE ALLUVIAL AQUIFER AND THE SAUGUS FORMATION.

FIGURE 2-25
SAUGUS FORMATION CAPTURE ZONES FOR IMPACTED AND NONIMPACTED PRODUCTION WELLS
ANALYSIS OF PERCHLORATE CONTAINMENT IN GROUNDWATER NEAR THE WHITTAKER-BERMITE PROPERTY
SANTA CLARITA, CALIFORNIA

CH2MHILL