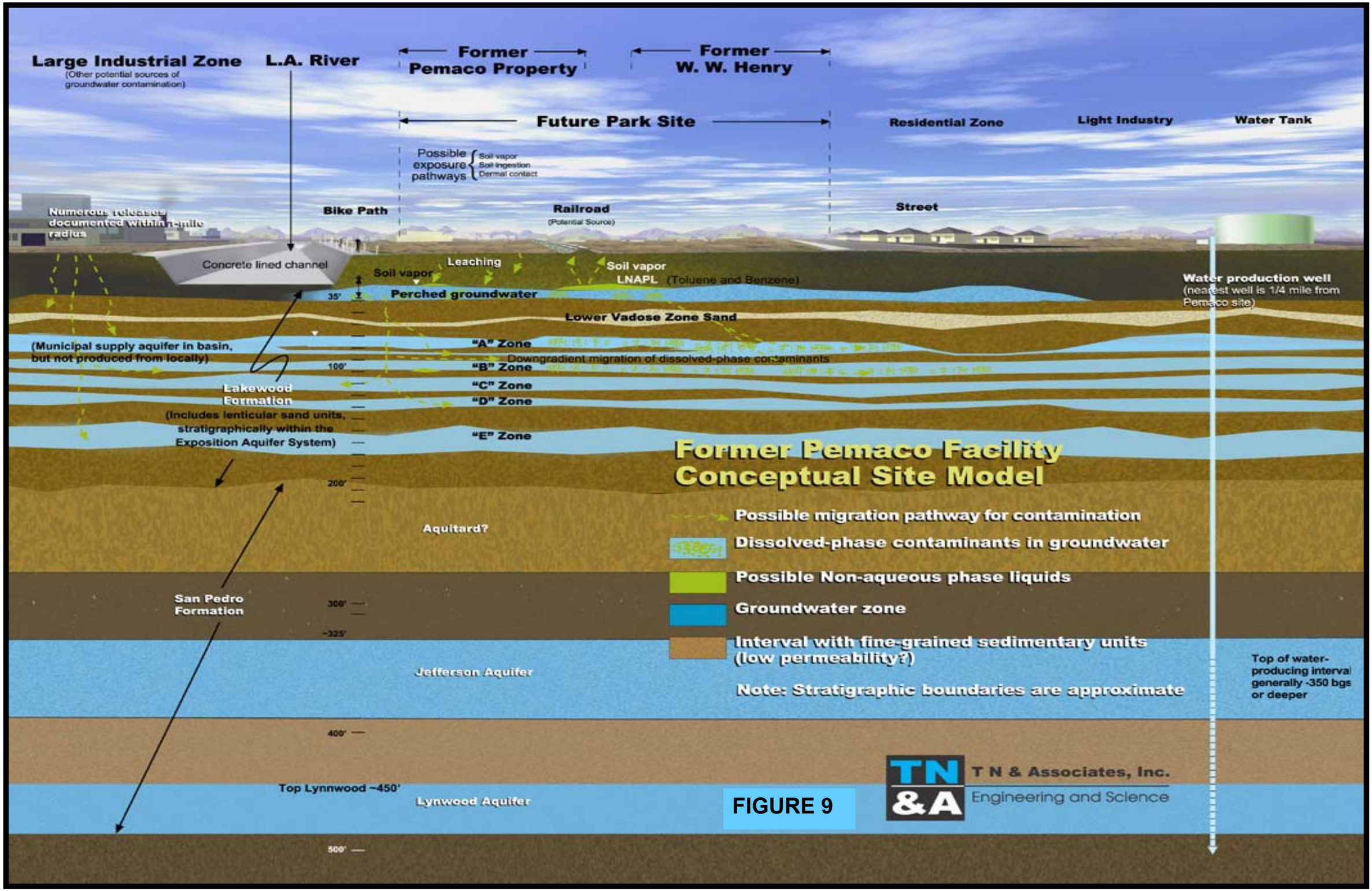
Large Industrial Zone
(Other potential sources of groundwater contamination)
L.A. River
Former Pemaco Property
Former W. W. Henry
Future Park Site
Residential Zone
Light Industry
Water Tank
Possible exposure pathways
Soil vapor
Soil ingestion
Dermal contact
Numerous releases documented within ½-mile radius
Bike Path
Railroad
(Potential Source)
Street
Concrete lined channel
Leaching
Soil vapor
Soil vapor
LNAPL (Toluene and Benzene)
Water production well
(nearest well is 1/4 mile from Pemaco site)
35'
Perched groundwater
Lower Vadose Zone Sand
(Municipal supply aquifer in basin, but not produced from locally)
"A" Zone
Downgradient migration of dissolved-phase contaminants
100'
"B" Zone
"C" Zone
"D" Zone
Lakewood Formation
(Includes lenticular sand units, stratigraphically within the Exposition Aquifer System)
"E" Zone
Former Pemaco Facility
Conceptual Site Model
200'
Possible migration pathway for contamination
Dissolved-phase contaminants in groundwater
Aquitard?
Possible Non-aqueous phase liquids
San Pedro Formation
300'
Groundwater zone
~325'
Interval with fine-grained sedimentary units (low permeability?)
Jefferson Aquifer
Note: Stratigraphic boundaries are approximate
Top of water-producing interval generally ~350 bgs or deeper
400'
Top Lynnwood ~450'
Lynwood Aquifer
500'
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FIGURE 9