Table 1.1
Summary of Environmental Assessment Activities for the W.W. Henry Property
5920 Alamo Avenue, Maywood, California

Company	Report Date	Laboratory Data Grade	Scope and Summary of Investigation
Meredith/Boli & Associates, Inc.	10/21/97	No Record	*Tank Removal Report for Underground Storage Tanks* • Documents the removal of 2- 10,000 gallon underground storage tanks (USTs) and 1 – 4,000 gallon UST in the eastern portion of the site, 2 of the tanks were split tanks with two different compartments in each. • The tanks variously contained toluene, hexane, naptha, alcohol and paint thinners. • Samples from the tank pit bottoms had hits of toluene (78 - 14,000,000 µg/kg); ethylbenzene and xylenes (2,000 – 6,600 µg/kg), trimethylbenzene (2,000 µg/kg) and tetrachloroethene (PCE) (3,700 µg/kg) were detected beneath the associated tank piping that ran from the rail spur to the USTs. • The USTs and approximately 150 tons of contaminated soil were hauled off the site.
Cornerstone Technologies, Inc.	3/3/98	No Record	*Phase I Environmental Site Assessment including Preliminary Asbestos and Lead Based Paint Survey and Limited Phase II Subsurface Investigation* Phase I and Limited Phase II Investigations December 1997 • 18 soil borings (B-1 thru B-18) - samples taken at 5 ft. bgs and analyzed for chlorinated solvents (8010) and total recoverable petroleum hydrocarbons (TRPH). • Results revealed detectable concentrations of 1,1,1-Trichloroethane (1,1,1-TCA) and PCE. Detects of 1,1,1-TCA from 28-33 µg/kg in B-1 and B-14 and 5.8 µg/kg PCE near the former loading ramp and 7.4-25 µg/kg in B-15 thru B-17 near the north side of the building and site of removed USTs. Max concentrations: 17-105 µg/kg of Trichloroethene (TCE) and 5.6-5.7 µg/kg PCE in B-2 and B-3 at the former mixing patio. B-12 at former latex storage area contained 20 mg/kg of TRPH. TRPH at B-15 contained 24 mg/kg TRPH.
Cornerstone Technologies, Inc.	4/19/98	No Record	*Completion of Additional Borings for Limited Phase II Subsurface Investigation and Exploratory Excavation* April 1998 • 8 borings advanced 5 – 15 ft. bgs, sampled in 5-ft. intervals; (9) samples analyzed for volatile organic compounds (VOCs) (8240) and TRPH (418.1). • All samples were ND.

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Cornerstone Technologies, Inc.	7/23/98	No Record	*Remedial Action Report for Toluene-Impacted Soils for Former UST Area at W.W. Henry Property* An excavation 17-ft wide x 34-ft long x 21-ft deep between monitoring wells, MW-1 thru 4, and nearest to MW-1 and MW-2. Eight sampling locations each about 12.75 ft. apart were collected along the excavation perimeter at 8-, 13-, and 18-ft. depths. Six discrete soil samples were also collected from the bottom of the 21-ft. excavation and a stockpiled soils pile. All were analyzed for total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene, xylenes (BTEX), and methyl tert-butyl ether (MTBE). • 30 sidewall confirmation samples: 2 detects for TPH from 9-14 mg/kg. No benzene. Toluene detected in small concentrations in a few samples, max in ESW-18' at 14.5 mg/kg. No BTEX or MTBE. Less significant concentrations of toluene reported for EEWN-18' at 2.85 mg/kg and ENW-18' at 1.16 mg/kg. • Excavation bottom samples: all 6 samples contained detectable concentrations of benzene ranging from 20 µg/kg in sample EBSW-21' to 160 µg/kg in sample EBME-21'. Detectable toluene levels ranged from 3.83 mg/kg in EBSE-21' to 245 mg/kg in EBME-21'. • Stockpiled soil samples: Detects were for toluene ranging from 1.25 – 4,280 mg/kg; all others were ND.
Cornerstone Technologies, Inc.	1/15/99	No Record	*DRAFT Remedial Action Report for HVOC Impacted Soils for Former Mixing Patio Area* *The W.W. Henry Company Vacant Industrial Building* 6 borings, C-1 thru C-6, advanced 5 – 15 ft. bgs and sampled in 5-ft. intervals, November 1998. • 18 total samples analyzed for halogenated volatile organic compounds (HVOCs) by 8010. Results showed detects for PCE in 7 samples at 5-, 10-, and 15-ft. intervals ranging from 9.6-45 µg/kg. 1,1,1-TCA was detected in C-5-5, C-5-15, C-6-5, C-6-10 and C-6-15 ranging from 13-22 µg/kg. • On 1/8/99, a 6-ft. x 6-ft. x 16-ft. deep excavation was made surrounding C-6. Confirmation samples were taken from the excavation area from 4 to 16 feet and from the stockpiled soil pile. HVOC analysis revealed trace levels (<5 µg/kg) of 1,1,1-TCA in 2 samples from the confirmation samples. The stockpiled soil samples revealed one detect for 1,1-Dichloroethene (1,1-DCE) at 2.3 µg/kg and a 1,2-Dichloroethane (1,2-DCA) level of 1.9 µg/kg. 1,1,1-TCA levels ranged from 2 - 51 µg/kg. • On 1/11/99, the 1/8/99 excavation around C-6 was further excavated to 19 feet. Subsequent analyses revealed no detects and the previously HVOC-impacted soils were apparently mitigated.

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Company	Report Date	Laboratory Data Grade	Scope and Summary of Investigation
Erler & Kalinowski, Inc. (EKI)	8/31/99	C	*Subsurface Investigation Report fro the W.W. Henry Company Property located at 5920 Alamo Avenue in Maywood, California* Soil and perched groundwater investigations – precursor to "Screening Human Health Assessment" 25 soil gas samples collected April 4 and 5, 1999 in shallow vadose zone soil ~10 ft. bgs in SG-1 thru SG-27 (no samples from SG-13 or SG-19) and analyzed for VOCs. • Detected VOCs were primarily 1,1,1-TCA (18 detections with max at 4,200 µg/L) and 1,1-DCE (16 detections with max of 800 µg/L). Concentrations were greatest beneath western portion of former manufacturing building in SG-1 thru SG-17. Small detects of PCE and 1,1-DCA and trace chloroform and carbon tetrachloride. Soil samples were collected May 7, 1999 from 6 boring locations (SB-1 thru SB-6) from 1.5 – 20.5 ft. bgs and analyzed for VOCs, SVOCs, polychlorinated biphenyls (PCBs), percent moisture (ASTM), metals, chlorinated herbicides and total organic carbon (TOC). • Detected VOCs in all 6 locations –1,1,1-TCA and 1,1-DCE in SB-3 thru SB-6 were at concentrations of 5.9 – 2,900 µg/kg. In SB-4 thru SB-6, the max concentrations of 1,1,1-TCA were in the deepest samples of 20.5 ft. bgs. Others including PCE, TCE, 1,1-DCA and 1,2-DCA were above reporting limits (RLs) at 4 – 260 µg/kg. SB-1 and SB-2 contained aromatic compounds. • 12 samples, SB-1 thru SB-6, SVOCs were detected in all locations below 1.5 ft. bgs – several analytes above RLs (acenapthene, benzo(a)pyrene, fluoranthene, fluorine, naphthalene and phenanthrene from 270 – 21,000 µg/kg. • 15 samples from SB-1 thru SB-6 from 1.5 to 11 ft. bgs were analyzed for herbicides, percent moisture, PCBs, pesticides, and TOC. • Herbicides, PCBs and pesticides were ND.

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Company	Report Date	Laboratory Data Grade	Scope and Summary of Investigation
Erler & Kalinowski, Inc.	8/31/99	No Record	*Screening Human Health Risk Assessment* Analytical data from the collection of soil, free hydrocarbon product (FHP), soil gas and groundwater to determine contaminant of concern (COCs) for potential human health risks evaluation. 39 total samples collected from shallow vadose zone soil (2 – 5 ft. bgs). 39 samples analyzed for VOCs. • VOCs – (6) VOCs were determined to be COCs – PCE at 44% frequency of detection; 1,1,1-TCA at 36%; 1,1-DCE and xylenes at 8%; 1,2-DCA and TCE at 3%. 12 samples analyzed for metals, SVOCs, PCBs, herbicides and pesticides. • Metals – (9) metals detected, but none were considered to be COCs. • SVOCs – (14) detected SVOCs were determined to be COCs: benzo (a) pyrene and fluoranthene @ 92% frequency of detection; phenanthrene at 83%; benzo (g,h,i) pyrene, benzo(k)fluoranthene, chrysene and ideno(1,2,3-c,d)pyrene at 75%; benzo(a)anthracene at 42%; others 10% and below. • No PCBs, herbicides or pesticides detected from 12 samples – None considered COCs. Deep vadose zone soil (5 – 15 ft. bgs). Between 1 – 21 select samples were analyzed for VOCs between June 1986 and May 1999. From these samples, 15 VOCs were detected and 13 were determined to be COCs. • Historically, only 1 sample [No.1 (UST 1)] in May 1988 has been analyzed for acetone (1.8 mg/kg), 2-hexanone (0.11 mg/kg) and MEK (0.082 mg/kg) only 2 samples [S-1 and S-2] in June 1986 have been analyzed for hexane (15 mg/kg and ND). 1,2,4- and 1,3,5-trimethylbenzene were only tested for in May 1999 – there (2) detects in SB-1-20.5 between 0.0043 and 0.014 mg/kg. • EKI did not consider toluene, ethylbenzene, isopropyl alcohol, or 2-hexanone as COCs.

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Erler & Kalinowski, Inc.	2/16/00	D	*Addendum to the Screening Human Health Risk Assessment for the W.W. Henry Company Property* Ten additional samples (SB-7 thru SB-16) of shallow vadose zone soil (1.5 – 3 ft. bgs) were collected to further delineate the polyaromatic hydrocarbons (PAHs) in soil along the railroad spur at the northern portion of the site; these were analyzed for SVOCs. • Results showed detects in all 10 samples with ranges similar to previous sampling events. Noteworthy exceptions were the first-time detections of: a single analyte for acenapthylene at 0.012 mg/kg, two detects for dibenzo (a,h) anthracene ranging from 0.019 - 0.065 mg/kg and nine detects for benzo(b)fluoranthene and pyrene from 0.024 – 0.36 mg/kg. These analytes were previously either not analyzed for or were below RLs. • Ten additional soil gas samples (SG-28 thru SB-33) were also collected in Summa canisters in December 1999.

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Company	Report Date	Laboratory Data Grade	Scope and Summary of Investigation
LFR Levine Fricke	7/6/01	No Record	*Soil, Gas, and Groundwater Evaluation* *Former W.W. Henry Property* Ten soil borings (LFSB1 – LFSB10). Thirty-nine soil samples collected at 5-ft. intervals between 5 – 25 ft. bgs and analyzed for VOCs. • Benzene detects ranged from 29 – 470 µg/kg in LFSB2 at 15 ft. bgs (LFSB2-15) to LFSB5-25. Toluene in LFSB3-20 at 17 µg/kg, LFSB4-15 and LFSB4-20 at 37 µg/kg and 7 µg/kg, respectively. • Significant hits of 1,1-DCE, 1,1-DCA, 1,1,1-TCA and minor hits of 1,2-DCA, TCE and PCE for borings LFSB9 and LFSB10 at 15-30 ft. bgs. Soil borings LFSB9 and LFSB10 were subsequently completed as 2-inch vapor extraction wells, VE1 and VE2. Ten groundwater grab samples (LFSB1 thru LFSB10; MW-1, MW-3, MW-4, MW-7 and MW-8) analyzed for VOCs. • Benzene detects LFSB2 thru LFSB5 from 66 – 2,300 µg/L and MW-1, MW-3 and MW-4 from 23 – 420 µg/L. • Toluene in LFSB4 at 86,000 µg/L; MW-1 thru MW-4 at 100,000 – 430,000 µg/L. • Ethylbenzene and xylene detects in LFSB4, MW-1, MW-3 and MW-4. • Chlorinated compounds in LFSB1, LFSB2, LFSB7 thru LFSB10, MW-1, MW-7 and MW-8. Significant concentrations of chlorinated compounds in LFSB9 and LFSB10 (410 – 890 µg/L) and 1,2,4-trimethylbenzene in MW-1, MW-3 and MW-4. Seventeen soil gas probes (LFSG1 thru LFSG17) yielded 52 soil gas samples collected at 5-ft. intervals to groundwater at ~25 ft. bgs and analyzed for VOCs. • Benzene in LFSG5-5 at 6.8 µg/L, LFSG14-25 at 1.5 µg/L, LFSG16-20 at 3.8 µg/L and LFSG17-5 at 1.7 µg/L. • Toluene in LFSG1-5, -10, and –15 at 4.1, 5.6 and 5.2 µg/L, respectively; trace amounts in LFSG11 and LFSG12. • 1,1,1-TCA and 1,1-DCE in LFSG10 thru LFSG13 from 1.2 – 33 µg/L. The highest concentrations were at 5 – 10 ft. bgs, increasing with depth.

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LFR Levine Fricke	11/1/01	C	*Addendum to Soil, Soil Gas, Groundwater and Ambient Air Evaluation* *Former W.W. Henry Company Property* Seven soil gas probe borings total – (6) probes [pLFSG19 thru LFSG24] advanced in residential property on 59th Place; (1) boring [LFSG18] on Alamo Drive. • Thirty-three soil gas samples were collected at 5 ft intervals between 5 – 20 ft bgs and analyzed for VOCs. Nine detects above RLs for BTEX, between 1.1 and 3.0 µg/L. Groundwater grab samples were collected in 5 borings, LFSG18 – LFSG21 and LFSG23, and were analyzed for VOCs. • Acetone was detected in 4 borings between 33 and 54 µg/L. LFSG23 had hits of benzene at 9 µg/L, TCE at 13 µg/L and cis-1,2-TCE at 24 µg/L. LFSG21 detected toluene at 18 µg/L and 1,2,4- and 1,3,5-trimethylybenzene from 6 – 21 µg/L. No additional soil samples beyond the July 6, 2001 report.