Krazan & ASSOCIATES, INC.

GEOTECHNICAL ENGINEERING • ENVIRONMENTAL ENGINEERING
CONSTRUCTION TESTING & INSPECTION

March 13, 2015 Project No. 034-15013

Ms. Royce Patch
USA Properties Fund, Inc.
3200 Douglas Boulevard, Suite 200
Roseville, California 95661

RE: Phase I Environmental Site Assessment
Santana Atrium Senior Apartments
100 N. Winchester Boulevard
APN 303-16-073
Santa Clara, California 95050

Dear Ms. Patch:

Krazan & Associates, Inc., (Krazan) completed a Phase I Environmental Site Assessment at the referenced site, summarized in a report dated March 13, 2015. We appreciate the opportunity to serve your environmental due diligence needs. During the course of this assessment, Krazan identified no evidence of recognized environmental conditions (RECs), controlled RECs (CRECs) or historical RECs (HRECs) in conjunction with the subject site as defined by ASTM E 1527-13. However, the following potential areas of concern (PAOCs) and ASTM non-scope issues were identified in connection with the subject site:

PAOCs

- According to records on file with the State of California Regional Water Quality Control Board (RWQCB), a 10,000-gallon underground storage tank (UST) utilized for the storage of paint thinner was removed from the Dunn Edwards Paints facility located adjacent to the east of the subject site across N. Winchester Boulevard in 1986 and a 110-gallon UST connected to a floor drain(s) located within the Dunn Edwards Paints facility was removed in November 1991. Paint thinner was detected in soil samples collected in association with the removal of the 110-gallon UST. Consequently, additional environmental investigation of the release was initiated in early-1992 which revealed that impacts to groundwater had also occurred. Site remediation included excavation of a minor amount of soil at the time of UST removal, and approximately 7,000 gallons of groundwater was removed from the perched water-bearing zone. However, this limited remediation does not appear to have significantly reduced the mass of paint thinner in the subsurface at this adjacent property, as floating free product was identified in hydraulically downgradient monitoring well MW-3 in February 1996 (the next-to-last floating free product assessment event). Groundwater monitoring conducted at this facility between 1992 and 1996 reportedly revealed that first groundwater is perched groundwater which is encountered at a depth of 21 to 32 feet below ground surface (bgs). The groundwater flow direction within the perched groundwater zone is reported to be toward the east to northeast. Given the reported location of the removed 10,000-gallon and 110-gallon USTs approximately 200 feet to the east of the subject site, the former leaking USTs were located hydraulically downgradient of the subject site.

Significant concentrations of paint thinner reportedly remained at the time of the August 17, 1998 closure of this leaking UST (LUST) case, including a mass of paint thinner present as free product beneath the site. Within the boundaries of the Dunn Edwards Paints property, paint thinner was detected in soil samples at a maximum concentration of 22,000 milligram per kilogram (mg/kg), with the highest concentrations of paint thinner reportedly occurring in sandy material at depths between 25 and 32 feet bgs. Off site, paint thinner has been detected in soil samples collected from borings located up to 150 feet from the former UST area at depths up to 46 feet bgs and at a maximum concentration of 280 mg/kg. In addition to the presence of 0.61 feet of free product at a downgradient on-site well, impacted groundwater was detected at an off-site location at a concentration of 1,800 micrograms per liter (µg/l). Although this LUST site was granted closure by the oversight regulatory agencies in mid-1998, a "Notice of Environmental Restriction and Covent" was recorded in Santa Clara County on March 5, 1998 which indicates that pockets of free product are present in perched groundwater beneath this property, requires regulatory agencies to be informed prior to disturbance of any area containing free product and requires prospective purchasers of the property to be informed of the environmental conditions related to the paint thinner release.

Given the volatility of the petroleum hydrocarbon constituents (PHCs) comprising paint thinner and the reported proximity of pockets of free product paint thinner associated with perched groundwater and sandy soil, the potential exists for subsurface migration of paint thinner constituent vapors. Furthermore, PHC vapors such as those comprising paint thinner are capable of migrating great distances omni-directionally along preferential pathways represented by subsurface conduits such as pipelines, utility lines, sewer and stormwater lines, and building foundations. Therefore, although the subject site is located hydraulically upgradient of the Dunn Edwards Paints LUST site such that impacted groundwater may not have migrated beneath the subject site, given the reported subsurface presence of lenses of effectively pure paint thinner located in porous sandy soils approximately 200 feet from the subject site, coupled with the potential presence of extensive preferential pathways in this highly developed area of Santa Clara, the potential exists for omni-directional subsurface migration of paint thinner constituent vapors. Consequently, the presence or absence of PHC vapor encroachment onto the subject site subsurface related to the documented nearby vicinity release of significant concentrations of paint thinner, which may represent the potential for vapor intrusion into the on-site structure, is unknown.

If a higher level of due diligence is desired, Krazan recommends that a Phase II Limited Subsurface Assessment comprised of a soil vapor survey be conducted on the subject site to assess the presence or absence of encroachment of significant concentrations of paint thinner-derived constituents of concern related to the eastern Dunn Edwards Paints release site.

- According to records on file with the City of Santa Clara Fire Department (CSCFD), leaks in the former fuel storage and delivery system resulted in petroleum hydrocarbon impacts to subsurface soil, groundwater and soil gas at the former Mobil service station previously located approximately 225 feet to the north of the eastern portion of the subject site. Environmental investigation of the petroleum hydrocarbon release at this facility was initiated in 1989, following the removal of three fuel USTs and one waste oil UST. Analysis of soil samples collected from the base of the fuel UST excavation revealed gasoline-range total petroleum hydrocarbon (TPH-g) concentrations as high as 11,000 mg/kg, and analysis of soil samples collected from seven borings advanced in 1990 revealed TPH-g and benzene impacts to a depth of at least 25 feet bgs. However, analysis of soil samples collected from beneath the waste oil UST did not reveal a detectable impact.

Records on file with the CSCFD for this closed LUST site are incomplete; however, adequate information is included to determine that at least six groundwater monitoring wells were installed in the early-1990s and that these wells were monitored for over one year. While no groundwater monitoring reports were included in the CSCFD file provided for Krazan's review, data obtained from several LUST sites located proximate to this property indicate that perched groundwater occurs at 21 to 32 feet bgs and that the groundwater flow direction in the vicinity of this property is toward the north to northeast, thereby placing this property hydraulically downgradient of the subject site.

Data available via the CSCFD file is largely derived from information contained in regulatory agency correspondence, and this data indicates that groundwater from monitoring well MW-2 contained a maximum TPH-g concentration of 410 µg/l and a maximum benzene concentration of 4.2 µg/l in mid-1991. Additionally, February 1992 regulatory agency correspondence indicates that: 1) "High concentrations of volatile hydrocarbons were detected in soil gas samples collected near both dispenser islands during the soil gas survey performed by Target Environmental services in January 1990." 2) "Contamination was also detected in soil borings B-1 and B-2, which were drilled near the former dispenser islands, at depths of up to 49 bgs," and 3) "high concentrations" of chlorinated hydrocarbons were detected in soil samples collected from below the former clarifier located at the former station building. The southern-most former dispenser island, the former service station building and the former waste oil UST were all located approximately 215 to 235 feet to the north of the subject site. The CSCFD file provided for Krazan's review did not include any data pursuant to the above-referenced 1992 correspondence, although the file did include a case-closure letter dated April 20, 1998.

While the environmental record available via the CSCFD is incomplete and thus somewhat difficult to interpret, given that: 1) the planned redevelopment of the subject site is for residential use, 2) reportedly significant impacts to soil and/or soil gas occurred in association with a clarifier and fuel dispensers located approximately 225 feet to the north of the subject site, and 3) gasoline-derived volatile constituents of concern and parts-cleaning solvent vapors are capable of migrating great distances omni-directionally along preferential pathways in urban areas as described above, the potential exists for omni-directional subsurface migration of gasoline-derived volatile constituents and parts-cleaning solvent constituent vapors. Consequently, the presence or absence of vapor encroachment onto the subject site subsurface related to the documented nearby Mobile service station vicinity release of volatile constituents of concern, which may represent the potential for vapor intrusion into the on-site structure, is unknown.

Krazan recommends that the Phase II Limited Subsurface Assessment soil vapor survey to be conducted on the subject site be expanded to assess the presence or absence of encroachment of significant concentrations of gasoline service station derived constituents of concern related to the northern Mobile service station release site.

- During Krazan's March 9, 2015 site reconnaissance, two elevators and an associated elevator equipment room were observed within the central portion of the on-site building. According to Mr. Nick Reggiardo with Schindler, the service contractor for the on-site elevators, the on-site elevators are subsurface hydraulic ram-type elevators in which a hydraulic ram (or jack) is located below ground. The elevator equipment room is located approximately 20 feet to the west of the western-most elevator and approximately 150 feet to the west of the eastern-most elevator. Pressurized hydraulic fluid appears to be transferred from the equipment room to the elevator rams via subsurface piping, and Mr. Reggiardo confirmed this configuration. Mr. Reggiardo stated that Schindler has been servicing the on-site elevators since 1998 and his records indicate that the elevator controller was installed in 1989. However, Mr. Reggiardo indicated that the 1989 controller installation date does not mean that the elevators were

installed in 1989, nor did he have definitive knowledge of the design of the subsurface ram components. Additionally, Mr. Reggiardo stated that, to the best of his knowledge, the on-site elevators have not failed a 5-year load test or required significant repair since Schindler began servicing the elevators in 1998. However, Mr. Reggiardo's knowledge is limited to the past 17 years and the on-site elevators were potentially installed in conjunction with the original construction of the on-site building in approximately 1968.

Mr. Reggiardo stated that he did not know exactly when the last 5-year load testing was performed on the on-site elevators. However, according to a representative of the California Department of Industrial Relations, Division of Occupational Safety & Health (DOSH) contacted by Krazan on March 10, 2015, the on-site elevators were permitted for operation through November 12, 2014 and, therefore, do not currently have valid permits for operation and are consequently out of compliance with regulatory requirements. The DOSH representative further stated that both on-site elevators last passed 5-year load testing in May 2009, and are both thus currently out of regulatory compliance relative to 5-year load testing requirements.

Although the integrity of the hydraulic system is reported to have been sound since at least 1998, the elevators have potentially been located on site for 30 years prior to 1998 and the elevators have not passed load testing since 2009. Consequently, the integrity of the hydraulic systems associated with the two on-site elevators prior to 1998 and since 2009 is unknown. Krazan's experience with subsurface hydraulic rams/jacks indicates that releases of hydraulic fluid may commonly occur due to worn ram seals; however, the release is often localized to the area of the release source due to the low mobility of hydraulic fluid in soil. However, given the potential 45+ year age of the on-site elevators, the potential inclusion of polychlorinated biphenyl (PCB)-containing oils in hydraulic fluids manufactured prior to 1974, the absence of current hydraulic system pressure testing, and the reported regulatory non-compliance of both on-site elevators, the potential for an environmental impact is enhanced and this scenario represents a potential area of concern. Consequently the condition of the subsurface of the subject site relative to a potential impact from the on-site elevators is unknown.

Krazan recommends that the hydraulic system pressure testing be conducted to assess the integrity of the hydraulic system/subsurface jacks. Additionally, any other testing required in association with the permitting process should be conducted and the on-site elevators should be brought into compliance with all applicable state regulations. If a higher level of due diligence is desired, Krazan recommends that a limited soil assessment be conducted proximate to the elevator equipment room, subsurface hydraulic fluid piping, and elevator rams to assess the presence or absence of significant concentrations of constituents of concern, including hydraulic fluid and PCBs.

ASTM Non-scope Issues

- The structure located on the subject site was reportedly constructed in approximately 1968. It is unknown if the on-site structure contains asbestos-containing materials (ACMs) or lead-based paint (LBP). An asbestos and/or LBP survey and sampling of the on-site structure were not included within the scope of this assessment. However, based on the apparent date of original construction, ACMs and LBP may be present at the subject site. During Krazan's March 9, 2015 site reconnaissance, no damaged building materials or friable suspect ACMs which appeared to be posing a health hazard were noted in the on-site structure. Furthermore, no evidence of peeling paint was observed in association with the on-site structure. Prior to the disturbance of any of the suspect ACMs or LBP at this facility via renovation or demolition, a comprehensive asbestos and LBP survey designed to determine if the suspect ACM and LBP are regulated materials is recommended. If such materials are identified and need to be disturbed, repaired or removed, a licensed abatement contractor should be consulted.

Our firm specializes in full-service Site Development Engineering with considerable project management experience. When you are interested in proceeding with the recommended work, Krazan can evaluate your unique circumstances and prepare a Phase II Proposal/Cost Estimate for the additional assessment including the proposed scope of work, budget, and anticipated project schedule.

If you have any questions regarding the information presented in this report, please call me at (559) 348-2200.

Respectfully Submitted:
KRAZAN & ASSOCIATES, INC.

Arthur C. Farkas, REA No. 07818
Environmental Professional

ACF/atd

PHASE I ENVIRONMENTAL SITE ASSESSMENT
SANTANA ATRIUM SENIOR APARTMENTS
100 N. WINCHESTER BOULEVARD
APN 303-16-073
SANTA CLARA, CALIFORNIA 95050

Pursuant to ASTM E 1527-13

Project No. 034-15013
March 13, 2015

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March 13, 2015 Project No. 034-15013

PHASE I ENVIRONMENTAL SITE ASSESSMENT
SANTANA ATRIUM SENIOR APARTMENTS
100 N. WINCHESTER BOULEVARD
APN 303-16-073
SANTA CLARA, CALIFORNIA 95050

1.0 EXECUTIVE SUMMARY

Krazan & Associates, Inc. (Krazan) has conducted a Phase I Environmental Site Assessment (ESA) of the Santana Atrium Senior Apartments property associated with Santa Clara County Assessor's Parcel Number (APN) 303-16-073 located at 100 N. Winchester Boulevard in Santa Clara, California 95050 (subject site). It is incumbent upon the User to read this Phase I ESA report in its entirety. If not otherwise defined within the text of this report, please refer to the Glossary of Terms Section following the References Section for definitions of terms and acronyms utilized within this Phase I ESA report. Krazan conducted the Phase I ESA of the subject site in conformance with the American Society for Testing and Materials (ASTM) E 1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.* This Phase I ESA constitutes all appropriate inquiry (AAI) designed to identify recognized environmental conditions (RECs) in connection with the previous ownership and uses of the subject site as defined by ASTM E 1527-13.

ASTM E 1527-13 Section 1.1.1 *Recognized Environmental Conditions* – In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a parcel of property, the goal of the processes established by this practice is to identify recognized environmental conditions. The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions.

Krazan's findings of this Phase I ESA revealed no evidence of recognized environmental conditions (RECs), controlled RECs (CRECs) or historical RECs (HRECs) in conjunction with the subject site as defined by ASTM E 1527-13. However, the following potential areas of concern (PAOCs) and ASTM non-scope issues were identified in connection with the subject site:

PAOCs

- Krazan's review of records on file with the California Regional Water Quality Control Board (RWQCB) indicates that paint thinner releases from former underground storage tanks (USTs) have impacted the subsurface of the Dunn-Edwards Paints facility located adjacent across N. Winchester Boulevard 80 feet to the east of the subject site, including the reported presence of significant residual soil impacts and free product (floating paint thinner) over 0.5 feet in thickness within perched groundwater beneath this property. Given the volatility of the petroleum hydrocarbon constituents comprising paint thinner and the reported proximity of pockets of free product paint thinner associated with perched groundwater and reported sandy soil, the potential exists for subsurface migration of paint thinner constituent vapors. Furthermore, petroleum hydrocarbon constituents such as those comprising paint thinner are capable of migrating great distances omni-directionally along preferential pathways represented by subsurface conduits such as pipelines, utility lines, sewer and stormwater lines, and building foundations. Consequently, although the subject site is located hydraulically upgradient of the Dunn-Edwards Paints leaking UST (LUST) site such that impacted groundwater may not have migrated beneath the subject site, given the subsurface presence of lenses of effectively pure paint thinner located approximately 200 feet from the subject site, coupled with the potential presence of extensive preferential pathways in this highly developed area of Santa Clara, the potential exists for omni-directional subsurface migration of paint thinner petroleum hydrocarbon constituent (PHC) vapors. Consequently, the presence or absence of PHC vapor encroachment onto the subject site subsurface related to the documented nearby vicinity release of significant concentrations of paint thinner, which may represent the potential for vapor intrusion into the on-site structure, is unknown.

- Krazan's review of records on file with the City of Santa Clara Fire Department (CSCFD) indicates that gasoline service station releases from a former Mobil service station previously located to the north of the subject site have impacted groundwater, soil, and soil gas beneath this vicinity property. While the environmental record available via the CSCFD is incomplete and thus somewhat difficult to interpret, given that: 1) the planned redevelopment of the subject site is for residential use, 2) reportedly significant impacts to soil and/or soil gas occurred in association with a clarifier and fuel dispensers located approximately 225 feet to the north of the subject site, and 3) gasoline-derived volatile constituents of concern and parts-cleaning solvent vapors are capable of migrating great distances omni-directionally along preferential pathways in urban areas as described above, the potential exists for omni-directional subsurface migration of gasoline-derived volatile constituents and parts-cleaning solvent constituent vapors. Consequently, the presence or absence of vapor encroachment onto the subject site subsurface related to the documented nearby Mobile service station vicinity release of volatile constituents of concern, which may represent the potential for vapor intrusion into the on-site structure, is unknown.

- Two elevators and an elevator equipment room are located within the central portion of the on-site office building. Although the integrity of the hydraulic systems associated with the on-site elevators is reported to have been good since at least 1998, the elevators have potentially been located on site for 30 years prior to 1998 and the elevators have not passed 5-year load testing since 2009. Consequently, the integrity of the hydraulic systems associated with the two on-site elevators prior to 1998 and since 2009 is unknown. Krazan's experience with subsurface hydraulic rams/jacks indicates that releases of hydraulic fluid may commonly occur due to worn ram seals; however, the release is often localized to the area of the release source due to the low mobility of hydraulic fluid in soil. However, given the potential 45+ year age of the on-site elevators, the potential inclusion of polychlorinated biphenyl (PCB)-containing oils in hydraulic fluids manufactured prior to 1974, the absence of current hydraulic system pressure testing, and

the reported regulatory non-compliance of both on-site elevators, the potential for an environmental impact is enhanced and this scenario represents a potential area of concern. Consequently the condition of the subsurface of the subject site relative to a potential impact from the on-site elevators is unknown.

Additionally, ASTM non-scope issues related to the potential presence of asbestos-containing materials and/or lead-based paint were identified in connection the structure located on the subject site.

Please refer to Section 8.0 Conclusions/Opinions for a discussion of the findings included in this summary.

2.0 PURPOSE AND SCOPE OF ASSESSMENT

2.1 Purpose

According to ASTM E 1527-13, the purpose of this practice is to define good commercial and customary practice in the United States of America for conducting an *environmental site assessment* of a parcel of *commercial real estate* with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) and *petroleum products.* As such, this practice is intended to permit a *user* to satisfy one of the requirements to qualify for the *innocent landowner, contiguous property owner,* or *bona fide prospective purchaser* limitation on CERCLA liability (hereinafter, the *landowner liability protections,* or *LLPs*): that is, the practice that constitutes *all appropriate inquiries* into the previous ownership and uses of the *property* consistent with good commercial and customary practice as defined at 42 U.S.C. §9601(35)(B).

2.2 Scope of Work

The Phase I ESA includes the following scope of work: a) a site reconnaissance of existing on-site conditions and observations of adjacent property uses, b) a review of user-provided documents and search of available current land title records compiled by AFX Corp., Inc., c) a review of historical aerial photographs, a review of pertinent building permit records, city directories, historical Sanborn Fire Insurance Maps (SFIMs), and interview(s) with person(s) knowledgeable of the previous and current ownership and uses of the subject site, d) a review of local regulatory agency records, and e) a review of local, state, and federal regulatory agency lists compiled by Environmental Data Resources, Inc. (EDR). The scope of work for this Phase I ESA conforms to ASTM E 1527-13. Krazan was provided written authorization to conduct the Phase I ESA by Ms. Royce Patch with USA Properties Fund, Inc. on February 18, 2015, in Krazan's February 9, 2015 Proposal/Cost Estimate No. P15-048.

3.0 SITE DESCRIPTION

The subject site is located west of N. Winchester Boulevard and approximately 340 feet to the south of Pruneridge Avenue within the City of Santa Clara, Santa Clara County, California. The subject site consists of one rectangular-shaped parcel measuring approximately 1.86 acres with the associated Santa Clara County APN of 303-16-073. The subject site is currently developed with a three-story commercial office building reported to contain 65,048 square feet. The subject site office building, which has the associated subject site address of 100 N. Winchester Boulevard, was occupied by numerous professional services tenants at the time of Krazan's March 9, 2015 site reconnaissance. The existing subject site development was reportedly originally constructed in approximately 1968. The remainder of the subject site is developed with paved parking areas, driveways and walkways, and landscaped areas.

General property information and property use are summarized in the following table. Refer to Figures No. 1 – 3 following the Reference Section.

Subject Site Information Summary

Current Owner:	Santana Atrium Prof Ctr LLC; Rubicon Investments, Inc.
Assessor's Parcel Number:	303-16-073
Address:	100 N. Winchester Boulevard Santa Clara, California 95050
Historical Address:	None Identified
General Location:	West of N. Winchester Boulevard and approximately 340 feet to the south of Pruneridge Avenue
Acreage:	1.86 acres (approximately)
Existing Use:	Commercial – Multi-tenant Office Building
Number of Buildings:	One
Original Construction Date:	1968 (approximately)
Proposed Use:	Multi-family Residential
Topographic Map:	U.S. Geological Survey, 7.5-minute San Jose West, California topographic quadrangle map, dated 1961
Topographic Map Location:	Northeastern quarter of Section 15, Township 07 South, Range 01 West, Mount Diablo Baseline and Meridian
Latitude/Longitude:	37.3287° / –121.9512°
Topography:	Relatively flat, approximately 120 feet above mean sea level
Approximate Depth to Groundwater:	21 to 32 feet below ground surface (bgs), State of California Regional Water Quality Control Board (RWQCB), Geotracker Database, vicinity environmental investigation/remediation site located 80 feet to the east of the subject site
Regional Groundwater Flow Direction:	East to northeast, RWQCB, Geotracker Database, vicinity environmental investigation/remediation site located 80 feet to the east of the subject site

3.1 Geology and Hydrogeology

The subject site is located within the Santa Clara Valley, a structural trough which extends southeast from San Francisco Bay and is bound by the Diablo Range on the northeast and by the Santa Cruz and Gabilan Ranges on the southwest. The Santa Clara Valley, a large structural depression within the central Coastal Ranges of California, has been filled with up to 1,500 feet of alluvial and fluvial deposits. Sediments in the Santa Clara Valley, derived from the erosion of the central Coastal Ranges, have been deposited by major to minor drainages and their tributaries. Near-surface sediments are dominated by silts, sands and silty clays, with lesser gravel and clays. At the base of adjacent mountains, gently sloping alluvial fans merge laterally to form an alluvial apron extending into the interior of the basin. Data obtained from an environmental investigation site located 80 feet to the east of the subject site indicates that perched groundwater exists in the area of the subject site in a sandy unit located between 20 and 35 feet bgs. The perched groundwater at this site was reportedly first encountered at a depth of approximately 21 to 32 feet bgs. Groundwater monitoring conducted at the above-referenced site indicates that the flow direction in the layer of perched groundwater is toward the east to northeast.

4.0 SITE RECONNAISSANCE

A site reconnaissance, which included a visual observation of the subject site and surrounding properties, was conducted by Mr. Bill Vick, Krazan's Environmental Professional, on March 9, 2015. Krazan's Environmental Professional was unaccompanied during the site reconnaissance. The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions, including hazardous substances and petroleum products, in connection with the property (including soils, surface waters, and groundwater).

4.1 Observations

The following table summarizes conditions encountered during our site reconnaissance. A discussion of visual observations is presented in the following table. Refer to the Site Map (Figure No. 2) and color photographs following the text for the locations of items discussed in this section of the report.

Summary of Site Reconnaissance

Feature	Observed	Not Observed
Structures (existing)	X	
Evidence of Past Uses (foundations, debris)		X
Hazardous Substances and/or Petroleum Products (including containers)	X	
Aboveground Storage Tanks (ASTs)	X	
Underground Storage Tanks (USTs) or Evidence of USTs		X
Evidence of Underground Pipelines	X	

Summary of Site Reconnaissance (cont.)

Feature	Observed	Not Observed
Strong, Pungent, or Noxious Odors		X
Pools of Liquid Likely to be Hazardous Materials or Petroleum Products		X
Drums		X
Unidentified Substance Containers		X
Potential Polychlorinated Biphenyl (PCB)-Containing Equipment		X
Subsurface Hydraulic Equipment	X	
Heating/Ventilation/Air conditioning (HVAC)	X	
Stains or Corrosion on Floors, Walls, or Ceilings	X	
Floor Drains, Sumps, or Oil/Water Clarifiers	X	
Storm Drains	X	
Pits, Ponds, or Lagoons		X
Stained Soil and/or Pavement	X	
Soil Piles		X
Stressed Vegetation		X
Waste or Wastewater (including stormwater) Discharges to Surface/ Surface Waters		X
Wells (irrigation, domestic, dry, injection, abandoned, monitoring wells)		X
Septic Systems		X

The subject site comprises approximately 1.86 acres of commercial property with the associated Santa Clara County APN of 303-16-073. The subject site is currently occupied by a multi-tenant office building. Refer to Figure No. 2, Site Map, for locations of the following referenced on-site features:

- The subject site was observed to be occupied by a multi-tenant office building, asphalt paved parking areas/driveways, and landscaped areas (See Photographs No. 1 - No. 6). The on-site office building is associated with a subject site address of 100 N. Winchester Boulevard. The light industrial building, reported to contain 65,048 square feet, was observed to be of slump stone, steel frame, and wood frame construction on concrete footings and a concrete slab-on-grade foundation.

- At the time of Krazan's March 9, 2015 site reconnaissance, the on-site building was observed to be occupied by the professional services tenants listed in the table below (See Photographs No. 7 – No. 17 for interior views of representative tenant spaces).

Suite No.	Occupant
101	Jacaranda Insurance – office use
102	Jacob's Chiropractic – office & treatment use – *de minimis* photochemical
103	Express Paralegal – office use
200	Employment & Community Options – office use
230	Canna Centers – office use
264	McLarnan & Clark – office use
270	Body in Motion Chiropractic – office & treatment – no X-ray imaging and no hazardous waste generation
285	John Hancock Financial – office use
290	Care First Healthplan – office use
300	Christian Wealth Management – office use
310	Sixth District Appellate – office use
330	Tamura Kaken – office use

Suite No. (cont.)	Occupant
340	Santa Clara Ophthalmology – office & treatment use – no X-ray imaging and no hazardous waste generation
348	Bloomip Inc. – office use
350	San Jose Eye Institute – ophthalmology office & treatment use – no X-ray imaging and no hazardous waste generation
364	Steve Darrow – office use
369	Dr. Chin – office use
370	Business Systems – office use
372	Push Therapy
376	Smart Source – office use
380	Bra Smyth – office use
384	Dr. Pearson – psychology office
385	Peter Block – office use
386	Physician Network – office use
390	Medi Tree Acupuncture – office & treatment use

- Several of the tenant spaces appeared to be unoccupied and these spaces were locked and inaccessible at the time of Krazan's site reconnaissance. According to Mr. Jason Peiser, the subject site property manager, the apparently unoccupied tenant spaces are in fact unoccupied, are empty, and do not contain any hazardous materials or hazardous waste.

- Housekeeping conditions were observed to be good throughout the subject site. Building materials were observed to be in good condition and no damaged building materials which appeared to be posing a health hazard were noted within those areas of the on-site structure observed. Interior and exterior paint were observed to be in good condition. No obvious evidence of the presence of mold or water damage was observed within the accessible portions of the on-site structure.

- No hazardous materials or hazardous waste were observed within the subject site tenant spaces other than photochemicals (fixer and developer) and an associated photochemical waste recovery container located in the Dr. Jacobs Chiropractic facility in Suite 102 (See Photograph No. 18). The photochemical recovery container (waste reservoir) was observed to be equipped with secondary spill containment. Dr. Jacobs stated that the medical imaging system (X-ray equipment) is used infrequently, very little waste is generated, and the system is serviced by Radiographic Solution Service on a quarterly basis. No evidence on an environmental concern was noted in connection with the medical imaging photochemicals at the time of the site reconnaissance.

- Steel lockers which appear to contain lead acid batteries utilized as backup power for roof mounted telecommunications equipment were observed in the northwestern and southwestern corners of the subject site (See Photographs No. 19 and No. 20). No odors, surface staining, stressed vegetation, or other evidence of a release of battery acid was observed in association with the storage lockers.

- Two elevators and an associated elevator equipment room were observed within the central portion of the on-site building. According to Mr. Nick Reggiardo with Schindler, the service contractor for the on-site elevators, the on-site elevators are subsurface hydraulic ram-type elevators in which a hydraulic ram (or jack) is located below ground. The elevator equipment room is located approximately 20 feet to the west of the western-most elevator and approximately 150 feet to the west of the eastern-most elevator. Pressurized hydraulic fluid appears to be

transferred from the equipment room to the elevator rams via subsurface piping, and Mr. Reggiardo confirmed this configuration (See Photographs No. 21 and No. 22). Surface staining consistent with weathered hydraulic fluid was observed on the foundation adjacent to the above-ground hydraulic reservoirs/pumps and associated piping.

Mr. Reggiardo stated that Schindler has been servicing the on-site elevators since 1998 and his records indicate that the elevator controller was installed in 1989. However, Mr. Reggiardo indicated that the 1989 controller installation date does not mean that the elevators were installed in 1989, nor did he have definitive knowledge of the design of the subsurface ram components. Additionally, Mr. Reggiardo stated that, to the best of his knowledge, the on-site elevators have not failed a 5-year load test or required significant repair since Schindler began servicing the elevators in 1998. However, Mr. Reggiardo's knowledge is limited to the past 17 years and the on-site elevators were potentially installed in conjunction with the original construction of the on-site building in approximately 1968.

Mr. Reggiardo stated that he did not know exactly when the last 5-year load testing was conducted on the on-site elevators. However, according to a representative of the California Department of Industrial Relations, Division of Occupational Safety & Health (DOSH) contacted by Krazan on March 10, 2015, the on-site elevators are permitted for operation through November 12, 2014, thus do not currently have valid permits for operation, and are therefore currently out of compliance with regulatory requirements. Furthermore, the DOSH representative stated that both on-site elevators last passed 5-year load testing in May 2009, and are thus both currently out of regulatory compliance relative to 5-year load testing requirements.

- Two five-gallon containers of paint were observed in a storage room which adjoins the elevator equipment room; however, no maintenance shop was observed on the subject site (See Photograph No. 23). Mr. Peiser stated that building and landscape maintenance are performed by contractors. Mr. Peiser stated that fuel and maintenance materials are not stored on the subject site. No environmental concerns were noted in connection with the paint or the storage room.

- A trash enclosure containing a dumpster was observed in the northwestern portion of the subject site (See Photograph No. 24). Housekeeping conditions were observed to be good within the trash enclosure and no evidence of the disposal of hazardous materials or hazardous waste was observed within the dumpster or the trash enclosure.

- Stormwater drains were observed within the paved parking areas/driveways located on site (See Photograph No. 25) and floor drains were observed within the on-site restrooms. According to a representative of the City of Santa Clara, the on-site stormwater drains are connected to the municipal collection system and the restroom floors drains are connected to the municipal sewer system. No odors, surface staining, or other evidence of the disposal of hazardous materials or hazardous waste was observed within or adjacent to the on-site stormwater drains or floor drains.

- The remainder of the subject site not occupied by the previously referenced structures/features was observed to be occupied by paved driveways/parking areas and landscaped areas. No evidence of hazardous materials storage or hazardous waste was observed within these portions of the subject site except as previously noted. Several areas of minor engine-drip related surface staining were observed within the paved parking areas/driveways located on the subject site and this pavement staining is considered to be *de minimis*.

- During the visual observations of the subject site, exposed surface soils did not exhibit obvious signs of discoloration. No obvious evidence (vent pipes, fill pipes, dispensers, etc.) of USTs was noted within the areas observed. No standing water or major depressions were observed on the

subject site. No indications of former structures, such as foundations, were observed on the subject site.

- A pad-mounted electrical transformer was observed in the central-northern portion of the subject site. The transformer casing displayed no visual evidence of leakage and the ground surface adjacent to the transformer displayed no evidence of discoloration. Based on Krazan's observations, Silicon Valley Power (SVP) is the owner of the transformer. The transformer was clearly labeled with a "Non-PCB" sticker indicating that it does not contain polychlorinated biphenyl (PCB) fluids.

- No high-voltage, tower-mounted electrical transmission lines were observed on or within 100 feet of the subject site.

4.2 Utilities

Based on Krazan's research, the following companies/municipalities currently provide utility services to the subject site:

Municipal Service / Utility Providers

Service / Utility	Provider
Electricity	Silicon Valley Power
Natural Gas	Pacific Gas & Electric (PG&E)
Solid Waste Removal	City of Santa Clara
Potable Water	City of Santa Clara Water & Sewer Utilities Department
Sanitary Sewer	City of Santa Clara Water & Sewer Utilities Department

Water / Wells

The municipal potable water purveyor for the subject site is the City of Santa Clara Water & Sewer Utilities Department (CSCWSUD). The CSCWSUD's water quality monitoring is an on-going program with water samples obtained on a regular basis. It is the responsibility of the CSCWSUD to provide customers with potable water in compliance with the California State Maximum Contaminant Levels (MCLs) for primary drinking water constituents in water supplied to the public. The CSCWSUD's 2014 Consumer Confidence Report posted on the City of Santa Clara's website indicates that water provided by the City of Santa Clara is in compliance with the California State MCLs for primary drinking water.

Krazan's review of historical aerial photographs indicates that a building was located within the eastern portion of the subject site circa 1939. A domestic water well was possibly associated with the former on-site structure. It is presumed that any water well located on site would have been properly destroyed during the redevelopment of the subject site with the existing office building in approximately 1968. However, if a water well is identified during the planned redevelopment of the subject site, it should be properly destroyed in accordance with State and local guidelines.

Sewer / Septic Systems

The municipal sewer service provider to the subject site is the CSCWSUD. On February 19, 2015, the CSCWSUD was contacted regarding sewer service for the subject site. According to a representative of the CSCWSUD, a definitive connection date is not available for the subject site. However, a CSCWSUD engineer stated that a sewer main was installed in N. Winchester Boulevard immediately adjacent to the subject site in 1959. Consequently, it is likely that the on-site office building has been connected to municipal sewer service since originally constructed in approximately 1968. Additionally the CSCWSUD engineer stated that only industrial facilities are monitored for sewer violations; therefore, no sewer violations are on file for the subject site.

Krazan's review of historical aerial photographs indicates that a building was located within the eastern portion of the subject site circa 1939. A septic system was possibly associated with the former on-site structure. It is presumed that any septic system located on site would have been properly abandoned/closed or destroyed during the redevelopment of the subject site with the existing office building in approximately 1968. However, if a septic system is identified during the planned redevelopment of the subject site, it should be properly abandoned/closed or destroyed in accordance with State and local guidelines.

4.3 Adjacent Streets and Property Usage

The following table summarizes the current adjacent roads and adjacent property uses observed during the site reconnaissance.

Adjacent Streets and Property Use

Direction	Adjacent Street	Adjacent Property Use
North	None	Office building, multi-family residential, and Walgreens retail store
South	None	Single-family homes
East	N. Winchester Blvd.	N. Winchester Blvd., beyond which are a paint store (Dunn-Edwards Paints) and an office building
West	None	Single-family homes

Based on the observed uses of the properties located immediately adjacent to the subject site, it is unlikely that significant quantities of hazardous materials are stored at the adjoining properties. However, the Dunn-Edwards Paints facility located across N. Winchester Boulevard 80 feet to the east of the subject site and a former Mobil service station previously located 225 feet to the north of the subject site are closed LUST sites. Refer to Section 6.4 of this report for a discussion of regulatory records for the Dunn-Edwards Paints facility (690 N. Winchester Boulevard) and the former Mobil service station facility (230 N. Winchester Boulevard).

4.4 ASTM Non-Scope Considerations

According to ASTM E 1527-13, there may be environmental issues or conditions at the subject site that are outside the scope of the Phase I ESA practice (non-scope considerations). Some substances may be present at the subject site in quantities and under conditions that may lead to contamination of the subject site or of nearby properties but are not included in CERCLA's definition of hazardous substances (42 U.S.C. §9601[14]). ASTM non-scope considerations are discussed below.

Asbestos-Containing Materials

Asbestos is a group of naturally occurring mineral fibers that have been used commonly in a variety of building construction materials for insulation and as a fire-retardant. Because of its fiber strength and heat resistant properties, asbestos has been used for a wide range of manufactured goods, mostly in building materials, vehicle brakes, and heat-resistant fabrics, packaging, gaskets, and coatings. When asbestos-containing materials (ACMs) are damaged or disturbed by repair, remodeling, or demolition activities, microscopic asbestos fibers may become airborne and can be inhaled into the lungs, where they can cause significant health problems.

The structure located on the subject site was reportedly constructed in approximately 1968. It is unknown if the on-site structure contains ACMs. An asbestos survey and sampling of the on-site structure was not included within the scope of this assessment. However, based on the date of construction, ACMs may be present at the subject site. During Krazan's site recon date site reconnaissance, no damaged building materials or friable suspect ACMs which appeared to be posing a health hazard were noted in the on-site structure. Prior to the disturbance of any of the suspect ACMs at this facility via demolition, a comprehensive asbestos survey designed to determine if the suspect ACM is a regulated material is recommended. If such materials are identified and need to be disturbed, repaired, or removed, a licensed abatement contractor should be consulted.

Lead-Based Paint

Although lead-based paint (LBP) was banned in 1978, many building constructed prior to 1978 have paint that contains lead. Lead from paint, chips, and dust can pose serious health hazards if not addressed properly.

The structure located on the subject site was originally constructed in approximately 1968. It is unknown if the on-site structure contains LBP. A LBP survey and sampling of the on-site structure was not included within the scope of this assessment. However, based on the date of construction, LBP may be present at the subject site. During Krazan's March 9, 2015 site reconnaissance, no evidence of peeling

paint was observed in association with the on-site structure. Prior to the disturbance of any of the suspect LBP at this facility via demolition, a comprehensive asbestos survey designed to determine if the suspect LBP is a regulated material is recommended. If such materials are identified and need to be disturbed, repaired, or removed, a licensed abatement contractor should be consulted.

Mold and Moisture Intrusion

A class of fungi, molds have been found to cause a variety of health problems in humans, including allergic, toxicological, and infectious responses. Molds are decomposers of organic materials, and thrive in humid environments, and produce spores to reproduce, just as plants produce seeds. When mold spores land on a damp spot indoors, they may begin growing and digesting whatever they are growing on in order to survive. When excessive moisture or water accumulates indoors, mold growth will often occur, particularly if the moisture problem remains undiscovered or unaddressed. As such, interior areas of buildings characterized by poor ventilation and high humidity are the most common locations of mold growth. Building materials including drywall, wallpaper, baseboards, wood framing, insulation and carpeting often play host to such growth. Moisture control is the key to mold control. Molds need both food and water to survive; since molds can digest most things, water is the factor that limits mold growth. The EPA recommends the following action to prevent the amplification of mold growth in buildings:

- Fix leaky plumbing and leaks in the building envelope as soon as possible;
- Watch for condensation and wet spots. Fix source(s) of moisture problem(s) as soon as possible;
- Prevent moisture due to condensation by increasing surface temperature or reducing the moisture level in air (humidity). To increase surface temperature, insulate or increase air circulation. To reduce the moisture level in air, repair leaks, increase ventilation (if outside air is cold and dry), or dehumidify (if outdoor air is warm and humid);
- Keep heating, ventilation, and air conditioning (HVAC) drip pans clean, flowing properly, and unobstructed;
- Vent moisture-generating appliances, such as dryers, to the outside where possible;
- Maintain low indoor humidity, below 60% relative humidity (RH), ideally 30-50%, if possible;
- Perform regular building/HVAC inspections and maintenance as scheduled;
- Clean and dry wet or damp spots within 48 hours;
- Do not let foundations stay wet. Provide drainage and slope the ground away from the foundation.

During Krazan's March 9, 2015 site reconnaissance, no obvious visual or olfactory evidence of the presence of mold or water damage was observed within the accessible portions of the on-site structure.

Radon

Radon is a radioactive gas that is found in certain geologic environments and is formed by the natural breakdown of radium, which is found in the earth's crust. A radon survey was not included within the scope of this investigation; however, the State of California Department of Health Services (CDHS) maintains a statewide database of radon results in designated geographic areas. Radon detection devices are placed in homes throughout the study region to determine geographic regions with elevated radon concentrations. The U.S. EPA has set the safety standard for radon gas in homes to be 4.0 pico Curies per liter (pCi/l).

The US EPA has prepared a map to assist National, State and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the EPA Action Limit of 4.0 pCi/L. It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the EPA recommends site specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures. Review of the EPA Map of Radon Zones places the Property in Zone 2, where average predicted radon levels are between 2.0 and 4.0 pCi/L. Therefore, the available data suggests that the potential for radon to adversely impact the subject site appears to be low.

Environmental Non-Compliance Issues

No obvious material non-compliance issues were identified in connection with the subject site in the process of preparing this report.

Activity and Use Limitations

No activity and use limitations were identified in connection with the subject site in the process of preparing this report.

Wetlands

As defined by the U.S. EPA and the Department of Army, Corps of Engineers, wetlands are "those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions." Jurisdictional wetlands are regulated under Section 404 of the Clean Water Act (1972, 1977, and 1987, and also the 1985 and 1990 Farm Bills), and are important for protection of aquatic waterfowl and species, water purification, and flood control. According to current Corps of Engineers information, three basic criteria are currently used to define wetlands:

- Wetland hydrology - areas exhibiting surface or near-surface saturation or inundation at some point in time (greater than 12.5 percent of growing season defined on basis of frost-free days) during an average rainfall year.
- Hydrophilic vegetation - frequency of occurrence of wetland indicator plants (plant life growing in water, soil, or substrate that is periodically deficient in oxygen as a result of excessive water content); and
- Hydric soil - landscape patterns identified by saturation, flooding, or ponding long enough during the growing season (generally seven days) which develop characteristic color changes in the upper part of the soil as a result of anaerobic conditions.

Based on Krazan's reconnaissance of the subject site, evidence was not apparent to suggest that the site contained a wetland. Furthermore, according to the U. S. Fish & Wildlife Service (USFWS) National Wetlands Inventory available via the USFWS Internet website, the subject site does not contain a designated wetland. Therefore, at this time, regulations pertaining to wetlands do not appear to impact the subject site.

5.0 USER-PROVIDED INFORMATION

A review of User-provided information was conducted in order to help identify pertinent information regarding potential environmental impacts associated with the subject site.

5.1 Environmental Liens/Activity and Use Limitations Report

On February 20, 2015 an Environmental Lien/Activity and Use Limitations (EL/AUL) Report was prepared by AFX Corp. Inc. (AFX), for the subject site. The AFX EL/AUL Report provides results from a search of available land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls. The subject site EL/AUL Report was reviewed to identify potential environmental liens, institutional controls (ICs), land use controls (LUCs), activity and use limitations (AULs), or declaration of environmental use restrictions (DEULs) which may have been filed against the subject site or exist in connection with the subject site as indicated by the subject site EL/AUL Report. Krazan's review of the EL/AUL Report indicated no liens, judgments, ICs, LUCs, AULs, or DEULs were found for the subject site according to the scope of work and limitations. Please refer to the appendices listed in the Table of Contents for a copy of the AFX EL/AUL Report.

5.2 Title Report

On February 18, 2015, a Preliminary Title Report (PTR) dated July 15, 2014, prepared for the subject site by First American Title Company, was provided to Krazan by Ms. Julie Pellicci with USA Properties

Fund, Inc., Krazan's client and the Phase I ESA user. The subject site PTR was reviewed to identify potential deed restrictions, environmental liens or activity and use limitations (AULs) which may have occurred on or exist in connection with the subject site. Krazan's review of the PTR indicated no deed restrictions, environmental liens or AULs for the subject site. However, as quoted from the subject site PTR, "It is important to note that this Preliminary Title Report is not a written representation as to the condition of title and may not list all liens, defects and encumbrances affecting title to the land. Please refer to the appendices listed in the Table of Contents for a copy of the PTR.

5.3 Phase I Environmental Site Assessment User Questionnaire

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *user* must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiry* is not complete. The user is asked to provide information or knowledge of the following:

1. Environmental cleanup liens that are filed or recorded against the site.
2. Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry.
3. Specialized knowledge or experience of the person seeking to qualify for the LLPs.
4. Relationship of the purchase price to the fair market value of the *property* if it were not contaminated.
5. Commonly known or *reasonably ascertainable* information about the *property*.
6. The degree of obviousness of the presence or likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation.
7. The reason for preparation of this Phase I ESA.

On February 19, 2015, a completed Phase I ESA user questionnaire was received from Ms. Royce Patch, with USA Properties Fund, Inc., the Phase I ESA User. Please refer to the appendices listed in the Table of Contents for a copy of the completed Phase I ESA user questionnaire.

According to the questionnaire responses, Ms. Patch, to the best of her knowledge as the user of this Phase I ESA, was not aware of any environmental cleanup liens and activity or land use limitations which have been filed or recorded against the subject site; and Ms. Patch has no specialized knowledge or experience of the prior nature of the business or chemical utilization on the subject site. Ms. Patch indicated that the subject site has historically been utilized for office space. However, Ms. Patch

indicated that she did not have knowledge of the past or current presence of specific chemicals or hazardous materials, unauthorized spills or chemical releases or of any environmental cleanups in connection with the subject site. Ms. Patch stated that the purchase price of the subject site reasonably reflects fair market value. Additionally, Ms. Patch indicated that the reason for preparation of this Phase I ESA is related to a proposed property purchase and construction of a multi-family residential development.

6.0 SITE USAGE SURVEY

The property usage survey included assessing property history, and reviewing local, state, and federal regulatory agency records.

6.1 Site History

A review of previous environmental assessments, historical aerial photographs, a USGS topographic quadrangle map, City of Santa Clara Planning & Inspection Department records, and reasonably ascertainable city directories, a search for historical fire insurance maps (HFIMs), and a Phase I ESA interview were utilized to assess the history of the subject site.

Previous Environmental Assessment

Krazan was provided with a previous environmental assessment of the subject site entitled *Phase I Environmental Site Assessment, Santana Atrium Professional Center, 100 N. Winchester Boulevard, Santa Clara, California*, prepared by PII Environmental (PIIE) for Prometheus Real Estate Group dated April 22, 2014. Field work for this report was conducted on April 10, 2014; at which time the subject site was developed with the existing office building and occupied by 31 tenants. No hazardous materials or hazardous waste were observed in association with the subject site other than small quantities of common maintenance materials, several 5-gallon buckets of paint, and lead-acid batteries reportedly associated with communications equipment located in two exterior storage lockers. Two elevators located within the on-site building are reported to be electrically powered elevators which do not utilize hydraulic fluid. No evidence of "any significant environmental concerns" was identified in connection with the subject site or the adjacent properties during the site reconnaissance.

Historical uses of the subject site were determined to have included the following: 1) undeveloped land utilized for agricultural purposes from at least 1939 until at least 1956, 2) vacant land in 1961, 3) automobile parking in 1968, and 4) the existing office building from approximately 1968 to the time of

the assessment. The PII Environmental report indicates that the on-site office building has been primarily occupied by "…medical offices, financial or insurance firms, and retail office operations with little potential to impact the subsurface." PIIE indicates that there is a potential for residual pesticide impacts to surficial soil; however, the potential that such residues currently exist at concentrations above residential action levels is considered to be low. No environmental concerns were identified in connection with the historical uses of the subject site or the adjacent properties. Furthermore, PIIE states that "No contaminant plumes were identified with any potential to extend to the subject property from any offsite source(s)." No recognized environmental conditions were identified in connection with the subject site during PIIE's April 22, 2014 Phase I ESA, and PIIE did not recommend any further investigation.

Additionally, Krazan was provided with a previous environmental assessment of the subject site entitled *Phase I Environmental Site Assessment of 100 N. Winchester, Santa Clara, California 95050*, prepared by EMG for Valley Ridge Investments, LLC dated December 24, 2002. Field work for this report was conducted on November 19, 2002; at which time the subject site was developed with the existing office building and occupied by office-use tenants. No hazardous materials or hazardous waste were observed in association with the subject site other than common maintenance materials. Two elevators located within the on-site building are reported to be "hydraulic lift elevators" which potentially utilized PCB-containing hydraulic fluid. No visual indication of leakage was observed in the area of the "elevators' operating equipment."

Historical uses of the subject site presented in the EMG report are generally consistent with those presented in the 2014 PIIE report and discussed previously. According to the EMG report, no recognized environmental conditions were identified in connection with the subject site or the adjacent properties during the course of Phase I ESA, and EMG stated that "No further action of investigation is recommended at this time."

No additional previous assessments were provided to Krazan for review during the course of this assessment. Please refer to the appendices listed in the Table of Contents for a copy of pertinent portions of the 2014 PIIE Phase I ESA report.

Aerial Photograph Interpretation

Historical aerial photographs dated 1937, 1948, 1950, 1956, 1968, 1974, 1982, 1993, 1998, 2005, and 2012 were reviewed to assess the history of the subject site. These photographs were obtained from Environmental Data Resources, Inc. (EDR) and via the internet at Microsoft® Research Maps and Google Earth™. The aerial photograph summary is provided in the table below. Please refer to the appendices listed in the Table of Contents for historical aerial photograph coverage of the subject site.

Summary of Aerial Photograph Review

Year/Scale	Site Use	Site and Adjacent Property Observation
1937 1" = 500'	Structure / Orchard	The eastern portion of the subject site appears to be occupied by a small structure adjacent to N. Winchester Boulevard. The remainder of the subject site appears to be utilized for agricultural purposes and is improved with an orchard. The northern, southern and western adjacent properties appear to be occupied by orchards. The eastern adjacent property appears to be occupied by a rural residence and utilized for agricultural purposes (orchard).
1948 1" = 500'	Structure / Orchard	Conditions on the subject site and the adjacent properties appear relatively similar to those noted in the 1937 aerial photograph.
1950 1" = 500'	Structure / Orchard	Conditions on the subject site and the adjacent properties appear relatively similar to those noted in the 1948 aerial photograph except for the development of residential structures adjacent to the west of the subject site.
1956 1" = 500'	Structure / Orchard	Conditions on the subject site and the northern adjacent property appear relatively similar to those noted in the 1950 aerial photograph. The southern and western adjacent properties appear to be occupied by residential subdivisions. The eastern adjacent property appears to be occupied by commercial and residential structures.
1968 1" = 500'	Office Building	The subject site appears to be occupied by a partially-completed structure consistent in approximate size and location with the office building observed on site during Krazan's site reconnaissance. The parking area located in the western portion of the subject site appears to be unpaved. Conditions on the southern, eastern, and western adjacent properties appear relatively similar to those noted in the 1956 aerial photograph except for the development of additional commercial-type buildings across N. Winchester Boulevard adjacent to the east of the subject site. The northern adjacent property appears to be occupied by a commercial-type building and vacant land.
1974 1" = 500'	Office Building	Conditions on the subject site and the adjacent properties appear relatively similar to those noted in the 1968 aerial photograph except the on-site office building appears to have been completed and the parking area in the western portion of the subject site appears to be paved.
1982 1" = 500'	Office Building	Conditions on the subject site and the adjacent properties appear relatively similar to those noted in the 1974 aerial photograph except for the development of additional commercial-type buildings adjacent to the north of the subject site.
1993 1" = 500'	Office Building	Conditions on the subject site and the adjacent properties appear relatively similar to those noted in the 1982 aerial photograph except for the redevelopment of a portion of the northern adjacent property with a new commercial building.
1998 1" = 500'	Office Building	Conditions on the subject site and the adjacent properties appear relatively similar to those noted in the 1993 aerial photograph.
2005 1" = 500'	Office Building	Conditions on the subject site and the adjacent properties appear relatively similar to those noted in the 1998 aerial photograph.
2012 1" = 500'	Office Building	Conditions on the subject site and the adjacent properties appear relatively similar to those noted in the 2005 aerial photograph.

USGS Topographic Quadrangle Map

Krazan's review of the USGS, 7.5-minute, San Jose West, California topographic quadrangle map dated 1961 indicates that the subject site and the adjacent properties are depicted as "urban developed" in 1961. Refer to Figure No. 3, Topographic Map, for reference.

City of Santa Clara Planning & Inspection Department Records

On February 19, 2015, Krazan reviewed the City of Santa Clara Planning & Inspection Department (CSCPID) SmartPermit Information System database available via the City of Santa Clara website to obtain information concerning building permit records for the subject site address of 100 N. Winchester Boulevard. Krazan's review of the above-referenced database revealed approximately 53 building permit records for the subject site, including permits issued in 1967 and 1968 for the original construction of the existing on-site office building which appears to have been finaled in 1970. Additionally, numerous permits issued between 1984 and 2010 for interior alterations and minor repairs are on file for the subject site address, as well as several certificates of occupancy, and four permits associated with the fire sprinkler system. Professional services/medical office occupants are referenced in the SmartPermit Information System database in all instances in which occupant information is provided. No permits for items such as underground storage tanks, septic systems, complete building demolition, or previous structures/features are included in the CSCPID SmartPermit Information System database.

City Directories

Reasonably ascertainable Haines Criss-Cross Directories (HCCDs) and Polk Guide Directories (PGDs) dated 1952 through 2014 were reviewed utilizing approximately five-year intervals at the Santa Clara County Public Library, Cupertino Branch, located in Cupertino, California for the subject site address of 100 N. Winchester Boulevard and the adjacent properties. A summary of HCCD/PGD information is presented in the table below.

Haines Criss-Cross/Polk Guide Directory Summary

Address	Owner/Occupant	Years
Subject Site		
100 N. Winchester Boulevard		
	Address Not Listed	1952 to 1968
	Winchester Mall – Multi-tenant Professional Services Offices – including Non-profits, Attorneys, Paralegals, Banks, Financial Services, CPAs, Insurance Offices, Real Estate Offices, Psychologists, Acupuncturists, Ophthalmologists, and/or Chiropractors – No tenants suspected of using hazardous materials in reportable quantities were noted among the subject site occupants.	1973 to 2014

Haines Criss-Cross/Polk Guide Directory Summary (cont.)

Address	Owner/Occupant	Years
Adjacent Properties		
North – 200 N. Winchester Boulevard		
	Address Not Listed	1952 to 1980
	Conklin Bothers	1985, 1990
	Walgreens	1995 to 2014
North – 1850 Pruneridge Avenue		
	Address Not Listed	1952 to 1976
	Winchester Manor Apartments + Residents	1980 to 2005
	Santana Park Apartments + Residents	2010, 2014
North – 1880 Pruneridge Avenue		
	Address Not Listed	1952 to 1968
	European Health Spa / Jack Lalannes Spas	1973 to 1980
	Sclar Co. Social Information	1985 to 2000
	Address Not Listed	2005
	Pacific Autism Center	2010, 2014
South – 2503 to 2553 Fernwood Avenue		
	Addresses Not Listed	1952
	Residences / No Return	1957 to 2014
East – 706 N. Winchester Boulevard		
	Address Not Listed	1952 to 1968
	West Coast Landscaping	1973
	Professional Services Offices	1976 to 2000
	Address Not Listed	2005 to 2014
East – 690 N. Winchester Boulevard		
	Address Not Listed	1952 to 1968
	Dunn-Edwards Paints	1973 to 2000
	Address Not Listed	2005 to 2014
West – 712 to 740 Jill Avenue		
	Addresses Not Listed	1952
	Residences / No Return	1957 to 2014

Krazan's review of city directories indicates that the subject site has been occupied by a multi-tenant professional services office facility from at least 1972 until the present. Information obtained from review of city directories is consistent with that obtained from other sources during the course of this assessment. Krazan's review of city directories did not reveal any evidence of an environmental concern relative to the current or former occupants of the adjacent properties except for the Dunn-Edwards Paints facility located across N. Winchester Boulevard adjacent to the east of the subject site. Potential environmental concerns associated with the Dunn-Edwards Paints facility, a closed LUST site located at 690 N. Winchester Boulevard, are discussed in Sections 6.4 and 8.0 of this report.

Historical Fire Insurance Maps

Krazan reviews HFIMs to evaluate prior land use of the subject site and the adjacent properties. HFIMs typically exist for cities with populations of 2,000 or more, the coverage dependent on the location of the subject site within the city limits. Krazan contracted with EDR to provide copies of available HFIMs for

the subject site and the adjacent properties as far back as 1867. EDR's search of HFIMs revealed no coverage for the subject site and the adjacent properties. Please refer to the appendices listed in the Table of Contents for a copy of the EDR HFIM *No Maps Available* Report.

6.2 Interviews

Krazan conducted an interview with a representative of the owner of the subject site. The interview is designed to provide pertinent information regarding potential environmental impacts associated with the subject site.

Subject Site Owner's Representative – An interview was conducted with Mr. Michael Peiser, the subject site property manager and a representative of the owner of the subject site, via his completion of an environmental questionnaire. During the interview, Mr. Peiser indicated that he has been familiar with the subject site for the past seven years. Mr. Peiser indicated that the subject site is occupied by an office building and he indicated that he is the property manager. According to Mr. Peiser, to the best of his knowledge, no use, storage, or disposal of hazardous materials; no existing or former ASTs or USTs; no hazardous materials spills, no environmental cleanups, no on-site treatment and/or discharge of waste; no environmental liens, AULs, engineering or institutional controls, no on-site leach fields, dry wells, sumps, or disposal ponds; no buried materials; no monitoring, domestic, or irrigation wells; or any items of environmental concern are associated with the subject site. Mr. Peiser indicated that the purchase price of the subject site reasonably reflects fair market value. Please refer to the appendices listed in the Table of Contents for a copy of the completed Phase I ESA owner questionnaire.

Previous Subject Site Owners/Occupants – An interview with a previous owner/occupant of the subject site was not reasonably ascertainable. Consequently, information regarding the history and historical uses of the subject site obtained from an interview of a previous owner and/or occupant constitutes a data gap.

6.3 Agricultural Chemicals

Review of historical aerial photographs indicates that the subject site was utilized for agricultural purposes from at least 1939 until at least 1956, and has been commercially developed with the existing office building since approximately 1968. Although the potential exists that environmentally persistent pesticides/herbicides were historically applied to crops grown on the subject site circa 1940s and 1950s, no material evidence of the use of environmentally persistent pesticides/herbicides was obtained during the course of this assessment and it is anticipated that any environmentally persistent pesticides/herbicides potentially located on site would have been dislocated and diluted as a result of the rough grading and trenching operations conducted in conjunction with the construction of the existing on-site office building in approximately 1968. Consequently, given the above-referenced factors and Krazan's experience in the

subject site vicinity which generally indicates that the potential is low for elevated concentrations of environmentally persistent pesticides/herbicides related to crop cultivation to exist in the near-surface soils of common agricultural ground at concentrations which would require regulatory action, the potential for elevated concentrations of environmentally persistent pesticides/herbicides to currently exist in the near-surface soils of the subject site at concentrations which would require regulatory action appears to be low.

6.4 Regulatory Agency Interface

A review of regulatory agency records was conducted to help determine if hazardous materials have been handled, stored, or generated on the subject site and/or the adjacent properties and businesses.

Regulatory records are reviewed based on the following criteria: 1) properties with known soils and/or groundwater releases considered to represent the potential for impact to the subject site that are located within 1,760 feet of the subject site for constituents of concern impacts or 528 feet of the subject site for petroleum hydrocarbon impacts; 2) properties that are adjacent or in proximity to the subject site included within the EDR regulatory database report or noted during the site reconnaissance to possibly handle, store, or generate hazardous materials. Applicable property records are discussed below.

State of California Regional Water Quality Control Board - Geotracker

Krazan's February 18, 2014 review of the State of California Regional Water Quality Control Board (RWQCB) Geotracker database available via the RWQCB Internet Website indicated that no cleanup sites including LUST sites, cleanup program sites, land disposal sites, or military sites are listed for the subject site. However, LUST and/or cleanup program site records are on file with the RWQCB for four vicinity properties which are discussed below.

Dunn Edwards Paints approximately 80 feet to the east
690 North Winchester Boulevard
According to records on file with the RWQCB, a 10,000-gallon UST utilized for the storage of paint thinner was removed from this property in 1986 and a 110-gallon UST connected to a floor drain(s) located within the Dunn Edwards Paints facility was removed in November 1991. Paint thinner was detected in soil samples collected in association with the removal of the 110-gallon UST. Consequently additional environmental investigation of the release was initiated in early-1992 which revealed impacts to groundwater had also occurred. Site remediation included excavation of a minor amount of soil at the time of UST removal, and approximately 7,000 gallons of groundwater was removed from the perched water bearing zone. However, this limited remediation does not appear to have significantly reduced the mass of paint thinner in the subsurface at this adjacent property, as floating free product was identified in downgradient well MW-3 in February 1996 (the next-to-last free product assessment event). Groundwater monitoring conducted at this facility between 1992 and 1996 reportedly revealed that first groundwater is perched groundwater which is encountered

at a depth of 21 to 32 feet bgs. The groundwater flow direction within the perched groundwater zone is reported to be toward the east to northeast. Consequently, given the reported location of the 10,000-gallon and 110-gallon USTs approximately 200 feet to the east of the subject site, the former leaking USTs were located hydraulically downgradient of the subject site.

However, significant concentrations of paint thinner reportedly remained at the time of the August 17, 1998 closure of this LUST case, including a mass of paint thinner present as free product beneath the site. Within the boundaries of the Dunn Edwards Paints property, paint thinner was detected in soil samples at a maximum concentration of 22,000 milligram per kilogram (mg/kg), with the highest concentrations of paint thinner reportedly occurring in sandy material at depths between 25 and 32 feet bgs. Off site, paint thinner has been detected in soil samples collected from borings located up to 150 feet from the former UST area at depths up to 46 feet bgs and at a maximum concentration of 280 mg/kg. In addition to the presence of 0.61 feet of free product at a downgradient on-site well, impacted groundwater was detected at an off-site location at a concentration of 1,800 micrograms per liter (µg/l). Although this LUST site was granted closure by the oversight regulatory agencies in mid-1998, a "Notice of Environmental Restriction and Covent" was recorded in Santa Clara County on March 5, 1998 which indicates that pockets of free product are present in perched groundwater beneath this property, requires regulatory agencies to be informed prior to disturbance of any area containing free product, and requires prospective purchasers of the property to be informed of the environmental conditions related to the paint thinner release.

Given the volatility of the petroleum hydrocarbon constituents comprising paint thinner and the reported proximity of pockets of free product (paint thinner) associated with perched groundwater and sandy soil, the potential exists for subsurface migration of paint thinner constituent vapors. Furthermore, petroleum hydrocarbon constituents such as those comprising paint thinner are capable of migrating great distances omni-directionally along subsurface conduits such as pipelines, utility lines, sewer and stormwater lines, and building foundations. Consequently, although the subject site is located hydraulically upgradient of the Dunn Edwards Paints LUST site such that impacted groundwater may not have migrated beneath the subject site, given the subsurface presence of lenses of effectively pure paint thinner located approximately 200 feet from the subject site, coupled with the presence of extensive subsurface utility trenching in this highly developed area of Santa Clara, the potential exists for omni-directional subsurface migration of paint thinner constituent vapors and the condition of soil vapor beneath the subject site is unknown.

Additionally, the following sites were listed within the subject site vicinity:

Proximate Geotracker Release Site Listings

Site Name/Address	Distance From Subject Site/ Groundwater Flow Direction	COCs / Media Impacted	Investigation Status/ Potential to Impact Subject Site
Former Mobil Station 230 N. Winchester Blvd.	225 feet north (NW to NE based on vicinity LUST sites) - Downgradient	Gasoline Soil, Groundwater & Soil Gas	LUST – Closed Moderate – See Discussion Below
Pierce Property 780 N. Winchester Blvd.	240 feet northeast (NW to NE) - Downgradient	Gasoline Soil & Groundwater	LUST - Closed Low
Fairchild Property 824 N. Winchester Blvd.	430 feet north-northeast (N to NE) - Downgradient	Gasoline & Diesel Soil & Groundwater	LUST - Closed Low

Based on Krazan's review of information contained in the RWQCB Geotracker database, coupled with information pertaining to site location and local hydrogeology, there is no evidence that any of the above-listed sites currently represent an environmental concern in connection with the subject site except for the Former Mobil Station (230 N. Winchester) which is discussed in the following subsection. Please refer to the appendices listed in the Table of Contents for copies of RWQCB records.

City of Santa Clara Fire Department

The City of Santa Clara Fire Department (CSCFD) is the lead regulatory agency or Certified Unified Program Agency (CUPA) for hazardous materials handling facilities located within the City of Santa Clara. On February 19, 2015, the CSCFD was contacted regarding potential hazardous materials records including ASTs, USTs, leaking underground storage tanks (LUSTs), hazardous materials business plans (HMBPs), hazardous material releases, and/or environmental cleanups for the subject site and two adjacent/vicinity properties. According to a representative of the CSCFD, hazardous materials records are on file with the CSCFD for the subject site and for one vicinity property which are discussed below.

Cell Site CA 1100 subject site
100 N. Winchester Boulevard
According to records on file with the CSCFD, a communications facility located at the subject site (Cell Site CA1100) maintains a HMBP with the CSCFD for the use/storage of 1,824 pounds of lead acid batteries (electrical storage batteries) presumed to be backup power for roof-mounted communications equipment. Based on observations during Krazan's site reconnaissance, the batteries appear to be located in two steel lockers in the northwestern and southwestern corners of the subject site. The HMBP indicates that no USTs or ASTs are located on the subject site and that no hazardous waste is generated on site. The HMBP is the only record on file with the CSCFD for the subject site address. Krazan's review of records on file with the CSCFD for the subject site did not reveal any evidence of a release of hazardous materials or hazardous waste associated with the subject site. Please refer to the appendices listed in the Table of Contents for a copy of the records on file with the CSCFD for the subject site.

Former Mobil Service Station approximately 225 feet to the north
230 N. Winchester Boulevard
According to records on file with the CSCFD, leaks in the former fuel storage and delivery system resulted in petroleum hydrocarbon impacts to subsurface soil, groundwater, and soil gas at the former Mobil service station previously located approximately 225 feet to the north of the eastern portion of the subject site. Environmental investigation of the petroleum hydrocarbon release at this facility was initiated in 1989, following the removal of three fuel USTs and one waste oil UST. Analysis of soil samples collected from the base of fuel UST excavation revealed gasoline-range total petroleum hydrocarbon (TPH-g) concentrations as high as 11,000 mg/kg, and analysis of soil samples collected from seven borings advanced in 1990 revealed TPH-g and benzene impacts to a depth of at least 25 feet bgs. However, analysis of soil samples collected from beneath the waste oil UST did not reveal a detectable impact, presumably measured as total petroleum hydrocarbons (the analysis performed was not provided).

Records on file with the CSCFD for this closed LUST site are incomplete; however, adequate information is included to determine that at least six groundwater monitoring wells were installed in the early-1990s and that these wells were monitored for over a year. While no groundwater monitoring reports were included in the CSCFD file provided for Krazan's review, data obtained from several LUST sites located proximate to this property indicate that perched groundwater occurs at 25 to 35 feet bgs and that the groundwater flow direction in the vicinity of this property is toward the north to northeast, thereby placing this property hydraulically downgradient of the subject site.

Data available via the CSCFD file is largely derived from information contained in regulatory agency correspondence, and this data indicates that groundwater from monitoring well MW-2 contained a maximum TPH-g concentration of 410 µg/l and a maximum benzene concentration of 4.2 µg/l in mid-1991. Additionally, February 1992 regulatory agency correspondence indicates that: 1) "High concentrations of volatile hydrocarbons were detected in soil gas samples collected near both dispenser islands during the soil gas survey performed by Target Environmental services in January 1990." 2) "Contamination was also detected in soil borings B-1 and B-2, which were drilled near the former dispenser islands, at depths of up to 49 feet below ground surface," and 3) "high concentrations" of chlorinated hydrocarbons were detected in soil samples collected from below the former clarifier at the former station building. The southern-most former dispenser island, the former service station building, and the former waste oil UST were all located approximately 215 to 235 feet to the north of the subject site. The CSCFD file provided for Krazan's review did not include any data pursuant to the above-referenced 1992 correspondence, although the file did include a case closure letter. "Fuel Leak Site Case Closure" was granted in correspondence dated April 20, 1998, with the following statement included in the closure document: "Please be advised that the following conditions exist at the site. Minor residual soil contamination exists; groundwater does not appear to be impacted. Residual levels of contamination do not require cleanup and not of regulatory concern."

While the environmental record available via the CSCFD is incomplete and thus somewhat difficult to interpret, given that: 1) reportedly significant impacts to soil and/or soil gas occurred in association with a clarifier and fuel dispensers located approximately 225 feet to the north of the subject site, 2) gasoline-derived COCs and part cleaning solvents are capable of migrating great distances omni-directionally along subsurface conduits such as pipelines, utility lines, sewer and stormwater lines, and building foundations, and 3) the planned redevelopment of the subject site is for residential use, it appears that the potential exists for an environmental concern related to the subject site from unauthorized releases associated with the former vicinity Mobil station releases.

Santa Clara County Department of Environmental Health

Krazan's February 18, 2015 review of the Santa Clara County Department of Environmental Health (SCCDEH) Local Oversight Program (LOP) database available via the SCCDEH Internet website indicated that the subject site is not listed as leaking underground storage tank (LUST) or environmental cleanup site.

State of California Department of Toxic Substances Control - Envirostor

Krazan's February 19, 2015 review of the State of California Department of Toxic Substances Control (DTSC) Envirostor database available via the DTSC's Internet Website indicated that no records of

cleanup sites including State response sites, voluntary cleanup sites, school cleanup sites, or military or school evaluation sites are listed for the subject site, the adjacent properties, or properties located within 500 feet of the subject site. Additionally, no Federal Superfund – National Priorities List (NPL) sites were determined to be located within a one-mile radius of the subject site.

The following site was listed within an eighth-mile radius of the subject site:

Proximate Envirostor Release Site Listings

Site Name/Address	Distance From Subject Site/ Groundwater Flow Direction	COCs / Media Impacted	Investigation Status/ Potential to Impact Subject Site
Former UC Research Extension Center 90 N. Winchester Blvd.	530 feet south (NE) - Cross-gradient	Pesticides & Arsenic Soil Only Impact	Voluntary Cleanup Certified

Based on Krazan's review of information contained in the DTSC Envirostor database, coupled with information pertaining to site location and local hydrogeology, there is no evidence that the above-listed site currently represents an environmental concern in connection with the subject site.

Santa Clara Valley Water District

On February 18, 2015, the Santa Clara Valley Water District (SCVWD) Groundwater Management Unit Solvents and Toxics Liaison Programs (GMUSTLP) database was reviewed via the SCVWD Internet Website for the subject site and the adjacent properties. The above-referenced SCVWD database is specifically associated with historical unauthorized solvent releases in Santa Clara County. According to the SCVWD GMUSTLP database, no record of a historical unauthorized solvent release is on file with the SCVWD for the subject site address of 100 N. Winchester Boulevard.

California Department of Conservation, Division of Oil, Gas and Geothermal Resources - DOMS

Krazan's February 19, 2015 review of the State of California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR) Online Mapping System (DOMS) indicated that no plugged and abandoned or producing oil wells are located on or adjacent to the subject site.

Local Area Tribal Records

No Indian reservations, USTs on Indian land, or LUSTs on Indian land were reported on the subject site, adjacent properties, or vicinity properties in the EDR-provided government database report.

6.5 Regulatory Agency Lists Review

Several agencies have published documents that list businesses or properties which have handled hazardous materials or waste or may have experienced site contamination. The lists consulted in the course of our assessment were compiled by EDR and Krazan and represent reasonably ascertainable current listings. Krazan did not verify the locations and distances of every property listed by EDR. Krazan verified the location and distances of the properties Krazan deemed as having the potential to adversely impact the subject site. The actual location of the listed properties may differ from the EDR listing. Refer to the table below for a summary of the listed properties considered to have the potential to impact the subject site located within the specified ASTM Search Radii. The actual distances of the listed properties (which are summarized below) are based on observations during Krazan's site reconnaissance. No EDR-listed unmapped (non-geocoded) sites were determined to be located on or adjacent to the subject site. Please refer to the appendices listed in the Table of Contents for a copy of the EDR Radius Map report.

Listed Properties

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		3	0	NR	NR	NR	3
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	1	0	NR	1
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	1	1	1	NR	3
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		5	1	8	NR	NR	14

Listed Properties (cont.)

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC	0.500		0	0	0	NR	NR	0
HIST LUST	0.500		3	0	6	NR	NR	9
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	1	0	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	1	NR	NR	1
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	1	0	NR	1
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		1	0	NR	NR	NR	1
HIST UST	0.250		3	2	NR	NR	NR	5
SWEEPS UST	0.250		2	0	NR	NR	NR	2
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	1	NR	NR	1
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0

Listed Properties (cont.)

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	1	NR	NR	1
HIST CORTESE	0.500		2	0	5	NR	NR	7
CUPA Listings	0.250		2	1	NR	NR	NR	3
SAN JOSE HAZMAT	0.250		2	1	NR	NR	NR	3
Notify 65	1.000		0	0	0	0	NR	0
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	2	NR	NR	NR	NR	NR	2
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0

Listed Properties (cont.)

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		7	0	NR	NR	NR	7
EDR US Hist Cleaners	0.250		1	1	NR	NR	NR	2
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

The following facilities were listed for the subject site:

Nextel of California — subject site
100 N. Winchester Blvd.
According to EDR, this subject site facility is listed as a FINDS site. Hazardous materials records for this facility are on file with the CSCFD for this facility. CSCFD records for this facility were previously discussed in Section 6.4 of this report.

San Jose Type — subject site
100 N. Winchester Blvd.
According to EDR, this subject site facility is listed as a HAZNET site associated with the proper transportation and off-site disposal of photochemical waste. No hazardous materials records for this facility are on file with the CSCFD, indicating that this facility did not use or store hazardous materials/hazardous waste in reportable quantity. No indication of an unauthorized release of hazardous materials/waste in contained in the EDR report for this facility.

Best Chiropractic Inc. — subject site
100 N. Winchester Blvd.
According to EDR, this subject site facility is listed as a HAZNET site associated with the proper transportation and off-site disposal of photochemical waste. No hazardous materials records for this facility are on file with the CSCFD, indicating that this facility

did not use or store hazardous materials/hazardous waste in reportable quantity. No indication of an unauthorized release of hazardous materials/waste in contained in the EDR report for this facility.

Hazardous Materials Migration in Soils and/or Groundwater

The following facilities were listed adjacent to the subject site:

Deciduous Fruit Field Station — 525 feet to the south
125 N. Winchester Boulevard
According to EDR, this facility is listed as a HIST UST site located 55 feet to the east of the subject site. However, Krazan's research indicates that this historical address was likely located 525 feet to the south of the subject site. Based on the absence of any evidence of a release of fuel/hazardous materials for this address in the EDR regulatory database report or in the RWQCB Geotracker database, and the EDR-reported location of this property 55 feet distant and hydraulically downgradient of the subject site or 525 feet distant and cross-gradient of the subject site, is no evidence to suggest that this facility currently represents an environmental concern in connection with the subject site.

The following facilities which are listed as sites with documented releases of hazardous materials were listed within the subject site vicinity:

Dunn Edwards Paints — approximately 80 feet to the east
690 North Winchester Boulevard
According to EDR, this facility is listed as a LUST site located within 75 feet of the subject site. During Krazan's site reconnaissance, this facility was observed to be located across N. Winchester Boulevard approximately 80 feet to the east of the subject site. Hazardous materials records for this facility are on file with the RWQCB. RWQCB records for this facility were previously discussed in Section 6.4 of this report.

Former Mobil Service Station — approximately 225 feet to the north
230 N. Winchester Boulevard
According to EDR, this facility is listed as a LUST site located within 225 feet of the subject site. Hazardous materials records for this facility are on file with the CSCFD. CSCFD records for this facility were previously discussed in Section 6.4 of this report.

Pierce Property — approximately 240 feet to the northeast
230 N. Winchester Boulevard
According to EDR, this facility is listed as a LUST site located within 190 feet of the subject site. During Krazan's site reconnaissance, this facility was observed to be located approximately 240 feet to the northeast of the subject site. Hazardous materials records for this facility are on file with the RWQCB. RWQCB records for this facility were previously discussed in Section 6.4 of this report.

Fairchild Property — approximately 430 feet to the north-northeast
230 N. Winchester Boulevard
According to EDR, this facility is listed as a LUST site located within 670 feet of the subject site. During Krazan's site reconnaissance, this facility was observed to be located approximately 430 feet to the north-northeast of the subject site. Hazardous materials records for this facility are on file with the RWQCB. RWQCB records for this facility were previously discussed in Section 6.4 of this report.

The remaining properties within the specified search radius of the subject site which appeared on local, state, or federally published lists of sites that use or have had releases of hazardous materials or petroleum products are of sufficient distance and/or situated hydraulically cross- or downgradient from the subject site such that impact to the subject site via groundwater migration is unlikely. In general, potentially hazardous materials released from facilities located approximately hydraulically upgradient within subject site vicinity, or in a hydraulically cross-gradient direction in proximity to the site, may have a reasonable potential of migrating to the subject site via groundwater flow. This opinion is based on the assumption that non-vaporous hazardous materials generally do not migrate large distances laterally within the soil, but rather tend to migrate with groundwater in the general direction of groundwater flow. However, the potential for migration of volatile hazardous materials may include movement within soils, groundwater flow or potentially omni-directionally if present in a vaporous state.

Hazardous Materials Migration in Vapor

Hazardous materials or petroleum product vapors which may have the potential to migrate into the subsurface of the subject site may be caused by the release of vapors from contaminated soil or groundwater either on or in the vicinity of the subject site from current or historical uses of the subject site and/or adjacent or vicinity properties. Current or past land uses such as gasoline stations (using petroleum hydrocarbons), dry cleaning establishments (using chlorinated volatile organic compounds), former manufactured gas plant sites (using volatile and semi-volatile organic compounds), and former industrial sites such as those that had vapor degreasing or other parts-cleaning operations (using chlorinated volatile organic compounds) are of particular concern. Constituent of concern vapors are capable of migrating great distances omni-directionally along subsurface conduits such as pipelines, utility lines, sewer and stormwater lines, and building foundations.

Dunn-Edwards Paints approximately 80 feet to the east
690 N. Winchester Blvd.
Krazan's review of records on file with the RWQCB indicates that paint thinner releases have impacted the subsurface of this immediately proximate property, including the reported presence of significant residual soil impacts and free product (floating paint thinner) over 0.5 feet in thickness within perched groundwater beneath this property. The presence of a subsurface lens of paint thinner comprised of volatile petroleum hydrocarbon constituents proximate to subsurface utility trenches in this highly developed area of Santa Clara represents a pathway by which volatile constituents have potentially migrated beneath the subject site and this scenario therefore represents a potential vapor impact of concern. Please refer to Section 8.0 of this report for a discussion of potential environmental concerns associated with this property as related to the subject site.

Former Mobil Service Station approximately225 feet to the north
230 N. Winchester Blvd.
Krazan's review of records on file with the RWQCB indicates that gasoline releases have impacted the subsurface of this proximate property, including the reported presence of significant soil gas impacts approximately 225 feet to the north of the subject site. The presence of a soil and soil gas impact 225 feet distant in a highly developed area proximate to subsurface utility trenches represents a pathway by which volatile constituents have potentially migrated beneath the subject site. This scenario therefore represents a potential vapor impact of concern. Please refer to Section 8.0 of this report for a discussion of potential environmental concerns associated with this property as related to the subject site.

Krazan's review of the remaining vicinity properties listed by EDR as release sites within the applicable search radii suggests that these properties do not represent a significant potential for vapor migration in conjunction with the subject site. The rationale supporting this opinion includes the following:

- None of the reported sites were in close proximity to the subject site.
- Relevant sites had undergone investigation and remediation sufficient to receive regulatory agency closure.
- Sites with reported releases of minor quantities of COCs or COCs of limited volatility impacting soil only were considered of minimal concern.
- The lateral migration of the COCs in groundwater is reported to be limited and COCs were not detected in groundwater samples collected downgradient of the release and several hundred feet upgradient of the subject site
- Sites with reported releases of COCs including volatile organic compounds (VOCs) were either of sufficient distance or hydraulically down- or cross-gradient from the subject site such that they do not appear to represent a significant potential for vapor migration on the subject site.

No engineering control sites, sites with institutional controls, or sites with deed restrictions were listed for the subject site, adjacent sites or vicinity properties in the EDR Report.

7.0 DISCUSSION OF FINDINGS

Summary of Conclusions

Apparent Evidence of RECs or PAOCs From:	Not Noted	Noted
Historical Uses		X
Current Uses	X	
Adjacent or Vicinity Property Uses		X

Historical Uses:

Based on Krazan's review of historical aerial photographs, a site reconnaissance, contacts with the local regulatory agencies, and an interview with a representative of the owner of the subject site, there is no evidence that recognized environmental conditions exist in connection with the historical uses of the subject site. However, a potential area of concern (PAOC) was identified in connection with the historical and current presence of subsurface hydraulic components associated with two on-site elevators which is discussed in the Conclusions/Opinions section of this report.

Current Uses:

Based on Krazan's site reconnaissance, contacts with local regulatory agencies, and an interview with a representative of the owner of the subject site, there is no evidence that recognized environmental conditions exist in connection with the current uses of the subject site. However, ASTM non-scope issues were identified in connection with the subject site which are discussed in the Conclusions/Opinions section of this report.

Adjacent or Vicinity Property Uses:

Based on Krazan's field observations, review of the EDR government database report, and consultation with local regulatory agencies, there is no evidence that recognized environmental conditions exist in connection with the subject site from adjacent property uses. However, potential areas of concern (PAOCs) were identified in connection with the subject from adjacent property uses which are discussed in the Conclusions/Opinions section of this report.

7.1 Evaluation of Data Gaps/Data Failure

In accordance with ASTM E 1527-13 guidance, data gaps represent a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice. Data failure represents the failure to achieve the historical research objectives of this practice even after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap.

The following is a summary of data gaps encountered in the process of preparing this report including an observation as to the presumed significance of that data gap to the conclusions of this assessment.

- <u>Unknown Date of First Development (Section 6.1)</u>

  Site history prior to 1939 was not reasonably ascertainable based upon review of standard historical sources. Consequently, data failure was encountered relative to date of first

development of the subject site. Taken in consideration with the available information obtained in the course of preparing this report in conjunction with professional experience, there is no evidence to suggest that this data gap might alter the conclusions of this assessment. However, the date of first development of the subject site is unknown.

- Absence of Interview with Previous Property Owner/Occupant (Section 6.1)
  A Phase I ESA interview with the previous owner/occupant of the subject site was not reasonably ascertainable. Consequently, information regarding the history and historical uses of the subject site obtained from an interview of a previous owner and/or occupant constitutes a data gap. Taken in consideration with the available information obtained in the course of preparing this report in conjunction with professional experience, there is no evidence to suggest that this data gap might alter the conclusions of this assessment. However, the contents of an interview with a previous property owner/occupant are unknown.

8.0 CONCLUSIONS/OPINIONS

We have conducted a Phase I ESA of the subject site in conformance with the scope and limitations of the ASTM E 1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* guidance documents. Any deviations from this practice were previously described in this report. During the course of this assessment, Krazan identified no evidence of recognized environmental conditions (RECs), controlled RECs (CRECs) or historical RECs (HRECs) in conjunction with the subject site as defined by ASTM E 1527-13. However, the following potential areas of concern (PAOCs) and ASTM non-scope issues were identified in connection with the subject site:

PAOCs

- According to records on file with the State of California Regional Water Quality Control Board (RWQCB), a 10,000-gallon underground storage tank (UST) utilized for the storage of paint thinner was removed from the Dunn Edwards Paints facility located adjacent to the east of the subject site across N. Winchester Boulevard in 1986 and a 110-gallon UST connected to a floor drain(s) located within the Dunn Edwards Paints facility was removed in November 1991. Paint thinner was detected in soil samples collected in association with the removal of the 110-gallon UST. Consequently, additional environmental investigation of the release was initiated in early-1992 which revealed that impacts to groundwater had also occurred. Site remediation included excavation of a minor amount of soil at the time of UST removal, and approximately 7,000 gallons of groundwater was removed from the perched water-bearing zone. However, this limited remediation does not appear to have significantly reduced the mass of paint thinner in the subsurface at this adjacent property, as floating free product was identified in hydraulically downgradient monitoring well MW-3 in February 1996 (the next-to-last floating free product assessment event). Groundwater monitoring conducted at this facility between 1992 and 1996

reportedly revealed that first groundwater is perched groundwater which is encountered at a depth of 21 to 32 feet below ground surface (bgs). The groundwater flow direction within the perched groundwater zone is reported to be toward the east to northeast. Given the reported location of the removed 10,000-gallon and 110-gallon USTs approximately 200 feet to the east of the subject site, the former leaking USTs were located hydraulically downgradient of the subject site.

Significant concentrations of paint thinner reportedly remained at the time of the August 17, 1998 closure of this leaking UST (LUST) case, including a mass of paint thinner present as free product beneath the site. Within the boundaries of the Dunn Edwards Paints property, paint thinner was detected in soil samples at a maximum concentration of 22,000 milligram per kilogram (mg/kg), with the highest concentrations of paint thinner reportedly occurring in sandy material at depths between 25 and 32 feet bgs. Off site, paint thinner has been detected in soil samples collected from borings located up to 150 feet from the former UST area at depths up to 46 feet bgs and at a maximum concentration of 280 mg/kg. In addition to the presence of 0.61 feet of free product at a downgradient on-site well, impacted groundwater was detected at an off-site location at a concentration of 1,800 micrograms per liter (µg/l). Although this LUST site was granted closure by the oversight regulatory agencies in mid-1998, a "Notice of Environmental Restriction and Covent" was recorded in Santa Clara County on March 5, 1998 which indicates that pockets of free product are present in perched groundwater beneath this property, requires regulatory agencies to be informed prior to disturbance of any area containing free product and requires prospective purchasers of the property to be informed of the environmental conditions related to the paint thinner release.

Given the volatility of the petroleum hydrocarbon constituents (PHCs) comprising paint thinner and the reported proximity of pockets of free product paint thinner associated with perched groundwater and sandy soil, the potential exists for subsurface migration of paint thinner constituent vapors. Furthermore, PHC vapors such as those comprising paint thinner are capable of migrating great distances omni-directionally along preferential pathways represented by subsurface conduits such as pipelines, utility lines, sewer and stormwater lines, and building foundations. Therefore, although the subject site is located hydraulically upgradient of the Dunn Edwards Paints LUST site such that impacted groundwater may not have migrated beneath the subject site, given the reported subsurface presence of lenses of effectively pure paint thinner located in porous sandy soils approximately 200 feet from the subject site, coupled with the potential presence of extensive preferential pathways in this highly developed area of Santa Clara, the potential exists for omni-directional subsurface migration of paint thinner constituent vapors. Consequently, the presence or absence of PHC vapor encroachment onto the subject site subsurface related to the documented nearby vicinity release of significant concentrations of paint thinner, which may represent the potential for vapor intrusion into the on-site structure, is unknown.

- According to records on file with the City of Santa Clara Fire Department (CSCFD), leaks in the former fuel storage and delivery system resulted in petroleum hydrocarbon impacts to subsurface soil, groundwater and soil gas at the former Mobil service station previously located approximately 225 feet to the north of the eastern portion of the subject site. Environmental investigation of the petroleum hydrocarbon release at this facility was initiated in 1989, following the removal of three fuel USTs and one waste oil UST. Analysis of soil samples collected from the base of the fuel UST excavation revealed gasoline-range total petroleum hydrocarbon (TPH-g) concentrations as high as 11,000 mg/kg, and analysis of soil samples collected from seven borings advanced in 1990 revealed TPH-g and benzene impacts to a depth of at least 25 feet bgs. However, analysis of soil samples collected from beneath the waste oil UST did not reveal a detectable impact.

Records on file with the CSCFD for this closed LUST site are incomplete; however, adequate information is included to determine that at least six groundwater monitoring wells were installed in the early-1990s and that these wells were monitored for over one year. While no groundwater monitoring reports were included in the CSCFD file provided for Krazan's review, data obtained from several LUST sites located proximate to this property indicate that perched groundwater occurs at 21 to 32 feet bgs and that the groundwater flow direction in the vicinity of this property is toward the north to northeast, thereby placing this property hydraulically downgradient of the subject site.

Data available via the CSCFD file is largely derived from information contained in regulatory agency correspondence, and this data indicates that groundwater from monitoring well MW-2 contained a maximum TPH-g concentration of 410 µg/l and a maximum benzene concentration of 4.2 µg/l in mid-1991. Additionally, February 1992 regulatory agency correspondence indicates that: 1) "High concentrations of volatile hydrocarbons were detected in soil gas samples collected near both dispenser islands during the soil gas survey performed by Target Environmental services in January 1990." 2) "Contamination was also detected in soil borings B-1 and B-2, which were drilled near the former dispenser islands, at depths of up to 49 bgs," and 3) "high concentrations" of chlorinated hydrocarbons were detected in soil samples collected from below the former clarifier located at the former station building. The southern-most former dispenser island, the former service station building and the former waste oil UST were all located approximately 215 to 235 feet to the north of the subject site. The CSCFD file provided for Krazan's review did not include any data pursuant to the above-referenced 1992 correspondence, although the file did include a case-closure letter dated April 20, 1998.

While the environmental record available via the CSCFD is incomplete and thus somewhat difficult to interpret, given that: 1) the planned redevelopment of the subject site is for residential use, 2) reportedly significant impacts to soil and/or soil gas occurred in association with a clarifier and fuel dispensers located approximately 225 feet to the north of the subject site, and 3) gasoline-derived volatile constituents of concern and parts-cleaning solvent vapors are capable of migrating great distances omni-directionally along preferential pathways in urban areas as described above, the potential exists for omni-directional subsurface migration of gasoline-derived volatile constituents and parts-cleaning solvent constituent vapors. Consequently, the presence or absence of vapor encroachment onto the subject site subsurface related to the documented nearby Mobile service station vicinity release of volatile constituents of concern, which may represent the potential for vapor intrusion into the on-site structure, is unknown.

- During Krazan's March 9, 2015 site reconnaissance, two elevators and an associated elevator equipment room were observed within the central portion of the on-site building. According to Mr. Nick Reggiardo with Schindler, the service contractor for the on-site elevators, the on-site elevators are subsurface hydraulic ram-type elevators in which a hydraulic ram (or jack) is located below ground. The elevator equipment room is located approximately 20 feet to the west of the western-most elevator and approximately 150 feet to the west of the eastern-most elevator. Pressurized hydraulic fluid appears to be transferred from the equipment room to the elevator rams via subsurface piping, and Mr. Reggiardo confirmed this configuration. Mr. Reggiardo stated that Schindler has been servicing the on-site elevators since 1998 and his records indicate that the elevator controller was installed in 1989. However, Mr. Reggiardo indicated that the 1989 controller installation date does not mean that the elevators were installed in 1989, nor did he have definitive knowledge of the design of the subsurface ram components. Additionally, Mr. Reggiardo stated that, to the best of his knowledge, the on-site elevators have not failed a 5-year load test or required significant repair since Schindler began servicing the elevators in 1998. However, Mr. Reggiardo's knowledge is limited to the past 17 years and the on-site elevators were potentially installed in conjunction with the original construction of the on-site building in approximately 1968.

Mr. Reggiardo stated that he did not know exactly when the last 5-year load testing was performed on the on-site elevators. However, according to a representative of the California Department of Industrial Relations, Division of Occupational Safety & Health (DOSH) contacted by Krazan on March 10, 2015, the on-site elevators were permitted for operation through November 12, 2014 and, therefore, do not currently have valid permits for operation and are consequently out of compliance with regulatory requirements. The DOSH representative further stated that both on-site elevators last passed 5-year load testing in May 2009, and are both thus currently out of regulatory compliance relative to 5-year load testing requirements.

Although the integrity of the hydraulic system is reported to have been sound since at least 1998, the elevators have potentially been located on site for 30 years prior to 1998 and the elevators have not passed load testing since 2009. Consequently, the integrity of the hydraulic systems associated with the two on-site elevators prior to 1998 and since 2009 is unknown. Krazan's experience with subsurface hydraulic rams/jacks indicates that releases of hydraulic fluid may commonly occur due to worn ram seals; however, the release is often localized to the area of the release source due to the low mobility of hydraulic fluid in soil. However, given the potential 45+ year age of the on-site elevators, the potential inclusion of polychlorinated biphenyl (PCB)-containing oils in hydraulic fluids manufactured prior to 1974, the absence of current hydraulic system pressure testing, and the reported regulatory non-compliance of both on-site elevators, the potential for an environmental impact is enhanced and this scenario represents a potential area of concern. Consequently the condition of the subsurface of the subject site relative to a potential impact from the on-site elevators is unknown.

ASTM Non-scope Issues

- The structure located on the subject site was reportedly constructed in approximately 1968. It is unknown if the on-site structure contains asbestos-containing materials (ACMs) or lead-based paint (LBP). An asbestos and/or LBP survey and sampling of the on-site structure were not included within the scope of this assessment. However, based on the apparent date of original construction, ACMs and LBP may be present at the subject site. During Krazan's March 9, 2015 site reconnaissance, no damaged building materials or friable suspect ACMs which appeared to be posing a health hazard were noted in the on-site structure. Furthermore, no evidence of peeling paint was observed in association with the on-site structure. Prior to the disturbance of any of the suspect ACMs or LBP at this facility via renovation or demolition, a comprehensive asbestos and LBP survey designed to determine if the suspect ACM and LBP are regulated materials is recommended. If such materials are identified and need to be disturbed, repaired, or removed, a licensed abatement contractor should be consulted.

9.0 RELIANCE

This report was prepared solely for use by Client and should not be provided to any other person or entity without Krazan & Associates' prior written consent. No party other than Client may rely on this report without Krazan & Associates' express prior written consent. Reliance rights for third parties will only be in effect once requested by Client and authorized by Krazan & Associates with authorization granted by way of a Reliance Letter. The Reliance Letter will require that the relying party(ies) agree to be bound to the terms and conditions of the agreement between Client and Krazan & Associates as if originally issued to the relying party(ies), or as so stipulated in the Reliance Letter.

10.0 LIMITATIONS

The site reconnaissance and research of the subject site has been limited in scope. This type of assessment is undertaken with the calculated risk that the presence, full nature, and extent of contamination would not be revealed by visual observation alone. Although a thorough site reconnaissance was conducted in accordance with ASTM Guidelines and employing a professional standard of care, no warranty is given, either expressed or implied, that hazardous material contamination or buried structures, which would not have been disclosed through this investigation, do not exist at the subject site. Therefore, the data obtained are clear and accurate only to the degree implied by the sources and methods used.

The findings presented in this report were based upon field observations during a single property visit, review of available data, and discussions with local regulatory and advisory agencies. Observations describe only the conditions present at the time of this investigation. The data reviewed and observations made are limited to accessible areas and currently available records searched. Krazan cannot guarantee the completeness or accuracy of the regulatory agency records reviewed. Additionally, in evaluating the property, Krazan has relied in good faith upon representations and information provided by individuals noted in the report with respect to present operations and existing property conditions, and the historical uses of the property. It must also be understood that changing circumstances in the property usage, proposed property usage, subject site zoning, and changes in the environmental status of the other nearby properties can alter the validity of conclusions and information contained in this report. Therefore, the data obtained are clear and accurate only to the degree implied by the sources and methods used.

This report is provided for the exclusive use of the client noted on the cover page and shall be subject to the terms and conditions in the applicable contract between the client and Krazan. Any third party use of this report, including use by Client's lender, shall also be subject to the terms and conditions governing the work in the contract between the client and Krazan. The unauthorized use of, reliance on, or release of the information contained in this report without the express written consent of Krazan is strictly prohibited and will be without risk or liability to Krazan.

Conclusions and recommendations contained in this report are based on the evaluation of information made available during the course of this assessment. It is not warranted that such data cannot be superseded by future environmental, legal, geotechnical or technical developments. Consequently, given the possibility for unanticipated hazardous conditions to exist on a subject site which may not have been discovered, this Phase I ESA is not intended as the basis for a buyer or developer of real property to

waive their rights of recovery based upon environmental unknowns. Parties that choose to waive rights of recovery prior to site development do so at their own risk.

Parties who seek to rely upon Phase I Environmental Site Assessment reports dated more than 180 days prior to the date of reliance do so at their own risk. This limitation in reliance is based on the potential for physical changes at the site, changes in circumstances, technological and professional advances, and guidance related to the continued viability of Environmental Site Assessment reports, user's responsibilities, and requirements for updating of components of the inquiry as stated in the ASTM Standard E 1527-13.

11.0 QUALIFICATIONS

This Phase I ESA was conducted under the supervision or responsible charge of Krazan's undersigned environmental assessor with oversight from the undersigned environmental professional. The work was conducted in accordance with ASTM E 1527-13 guidance, generally accepted industry standards for environmental due diligence in place at the time of the preparation of this report, and Krazan's quality-control policies.

We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Respectfully submitted,
KRAZAN & ASSOCIATES, INC.

William Vick, PhD, REA
Environmental Professional

Arthur C. Farkas, REA
Environmental Professional

WHV/ACF/atd
2c: herewith

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U.S. Geological Survey, 7.5-minute San Jose West, California topographic quadrangle map, dated 1961.

GLOSSARY OF TERMS

Subject Site: The real property being investigated under this Phase I ESA.

Adjacent Properties: Properties which are contiguous with the subject site, or would be contiguous except for a street, road, or other public thoroughfare.

Subject Site Vicinity: Properties located within a 500-foot radius of the subject site.

Environmental Professional: A person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). The EP may be an independent contractor or an employee of the user.

User: The party seeking to use Practice E 1527 to complete an environmental site assessment of the subject site. A user may include, without limitation, a potential purchaser of the subject site, a potential tenant of the subject site, an owner of the subject site, a lender, or a property manager.

Recognized Environmental Condition (REC): In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a parcel of property, the goal of the processes established by this practice is to identify recognized environmental conditions. The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions.

Controlled Recognized Environmental Condition (CREC): A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). For example, if a leaking underground storage tank has been cleaned up to a commercial use standard, but does not meet unrestricted residential cleanup criteria, this would be considered a CREC. The "control" is represented by the restriction that the property use remain commercial. A condition considered by the environmental professional to be a CREC shall be listed in the findings section of the Phase I ESA report and as an REC in the conclusions section. A condition identified as a CREC does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented.

Historical Recognized Environmental Condition (HREC): A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release an HREC, the environmental professional must determine whether the past release is an REC at the time the Phase I ESA is conducted (for example, if there has been change in the regulatory criteria). If the EP considers the past release to be an REC at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as an REC.

Potential Area of Concern (PAOC): A term adopted to provide an alternative designation to the REC and HREC for a range of environmental issues related to current subject site uses, historical subject site uses, or from adjacent and/or vicinity property uses. The PAOC is utilized to emphasize full disclosure and

GLOSSARY OF TERMS (cont.)

provide the User with conclusions and recommendations related to potential environmental issues in connection with the subject site based on Krazan's professional experience in cases where official documentation or other evidence may be absent in order to identify an REC or HREC, thereby aiding the User's considerations of environmental due diligence risk tolerance.

Migrate/migration: For the purposes of this practice, "migrate" and "migration" refer to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface. Vapor migration in the subsurface is described in ASTM E 2600-10 guidance; however, nothing in the E 1527-13 practice should be construed to require application of the E 2600-10 standard to achieve compliance with AAI.

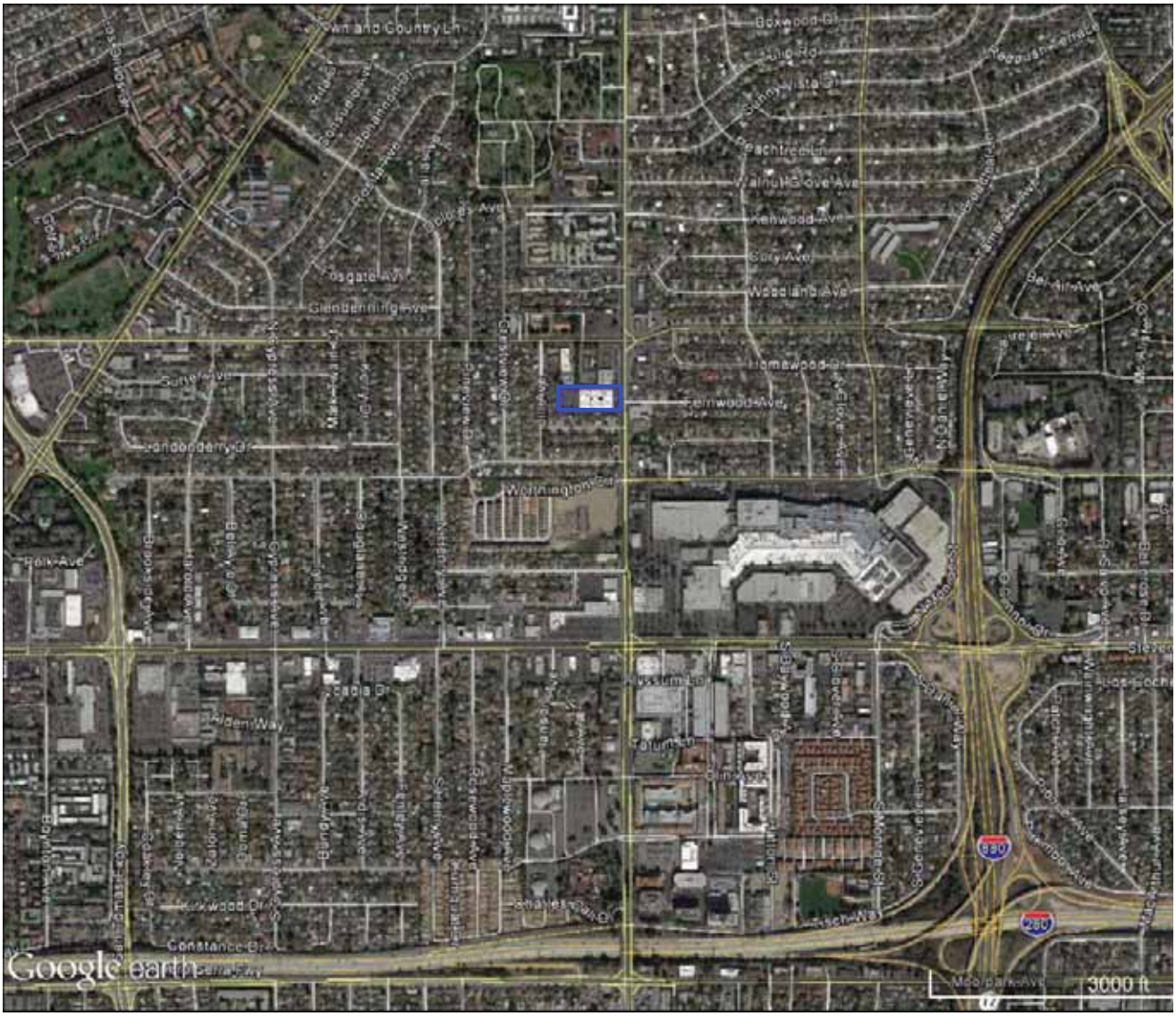
De minimis condition: A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Condition determined to be *de minimis conditions* are not RECS or CRECs.

Data Gap: A lack of or inability to obtain information required by this practice despite good faith efforts by the Environmental Professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to the site reconnaissance and interviews.

Data Failure: A failure to achieve the historical research objectives even after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap.

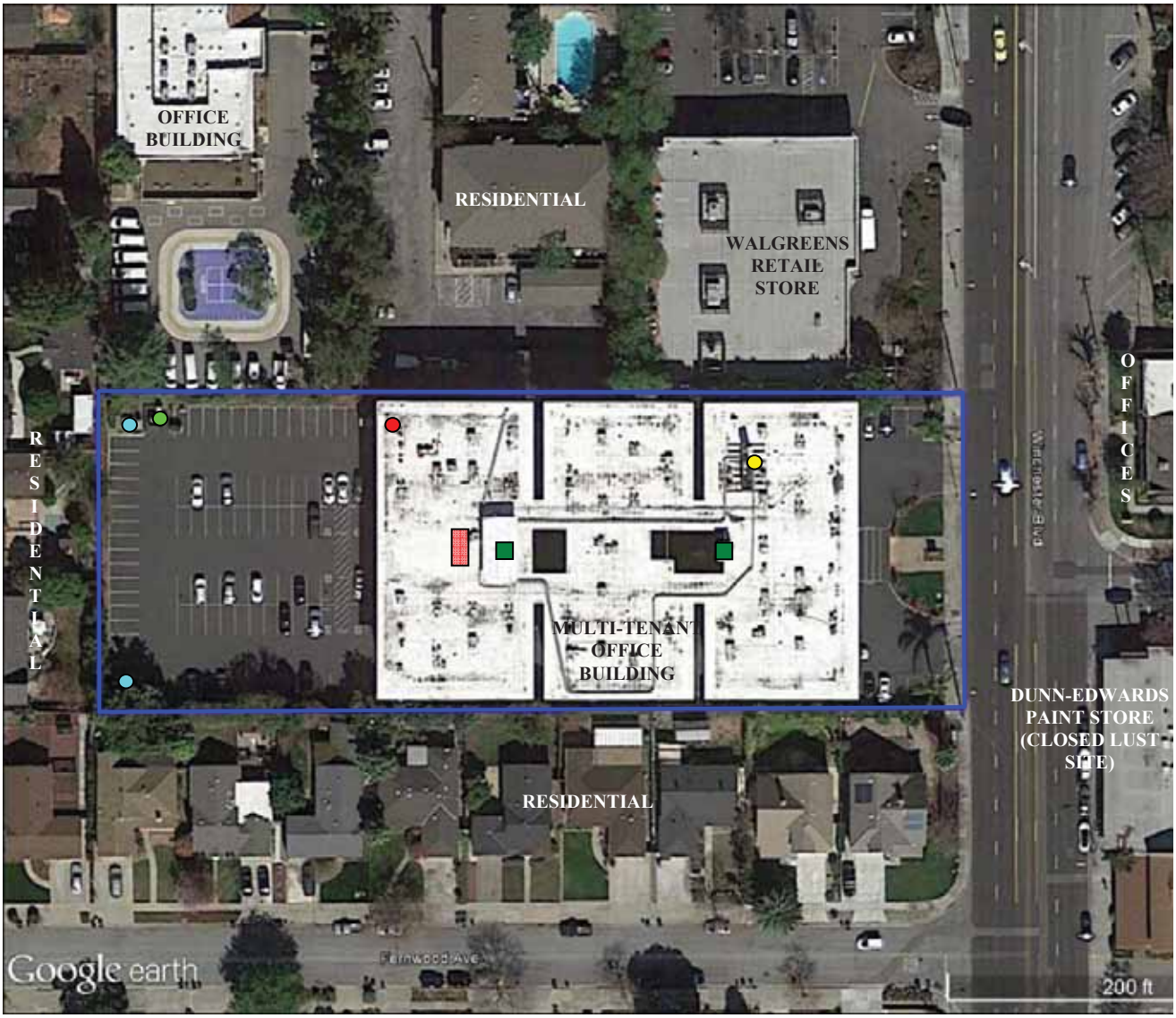
GLOSSARY OF TERMS (cont.)

AAI	All Appropriate Inquiries
AC	Asphalt Concrete
ACM	Asbestos-Containing Materials
AOC	Area of Concern
APN	Assessor's Parcel Number
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
AS	Air Sparging
AUL	Activity & Use Limitations
bgs	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CESQG	Conditionally Exempt Small Quantity Generator
CFR	Code of Federal Regulations
CMU	Concrete Masonry Unit
COCs	Constituents of Concern
DEULs	Declaration of Environmental Use Restrictions
DOGGR	Division of Oil, Gas & Geothermal Resources (CA)
DTSC	Department of Toxic Substances Control (CA)
EC	Engineering Control
EDR	Environmental Data Resources, Inc.
EP	Environmental Professional
EPA	United States Environmental Protection Agency
ERP	Emergency Response Plan
ESA	Environmental Site Assessment
ESL	Environmental Screening Level
FOIA	Freedom of Information Act
GPR	Ground Penetrating Radar
HCCD	Haines Criss-Cross Directory
HFIM	Historical Fire Insurance Map
HMBP	Hazardous Materials Business Plan
HREC	Historical Recognized Environmental Condition
HVAC	Heating, Ventilation, Air Conditioning
IC	Institutional Control
LBP	Lead-Based Paint
LLP	Landowner Liability Protection
LQG	Large Quantity Generator
LUC	Land Use Control
LUST	Leaking Underground Storage Tank
MCL	Maximum Contaminant Level
µg/L	Micrograms Per Liter
mg/kg	Milligrams Per Kilogram
mg/L	Milligrams Per Liter
MSDS	Material Safety Data Sheet
MTBE	Methyl Tertiary Butyl Ether
MFR	Multi-Family Residential
ND	Nondetectable
NFA	No Further Action (letter)
NPDES	National Pollution Discharge Elimination System
NPL	National Priorities List
O&M	Operations & Maintenance Plan
PAOC	Potential Area of Concern
PCB	Polychlorinated Biphenyl
PCC	Portland Cement Concrete
PCE	Perchloroethylene
PEC	Potential Environmental Concern (TS)
PGD	Polk Guide Directory
PG&E	Pacific Gas & Electric
PHCs	Petroleum Hydrocarbon Constituents
PID	Photoionization Detector
ppb	Parts Per Billion
ppm	Parts Per Million
PRG	Preliminary Remediation Goal
PRP	Potentially Responsible Party
RAP	Remedial Action Plan
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RP	Responsible Party
RWQCB	Regional Water Quality Control Board (CA)
SBA	Small Business Administration
SFR	Single-Family Residential
SPCC	Spill Prevention Control and Countermeasure Plan
SQG	Small Quantity Generator
SCE	Southern California Edison
SVE	Soil Vapor Extraction
SVOC	Semi-Volatile Organic Compound
SWRCB	State Water Resources Control Board
TCE	Trichloroethylene
TPH	Total Petroleum Hydrocarbons
TPH-D	Total Petroleum Hydrocarbons as Diesel
TPH-G	Total Petroleum Hydrocarbons as Gasoline
TPH-MO	Total Petroleum Hydrocarbons as Motor Oil
TS	Transaction Screen
USGS	United States Geological Survey
USFWS	United States Fish & Wildlife Service
UST	Underground Storage Tank
VEC	Vapor Encroachment Condition
VES	Vapor Encroachment Screening
VOCs	Volatile Organic Compounds



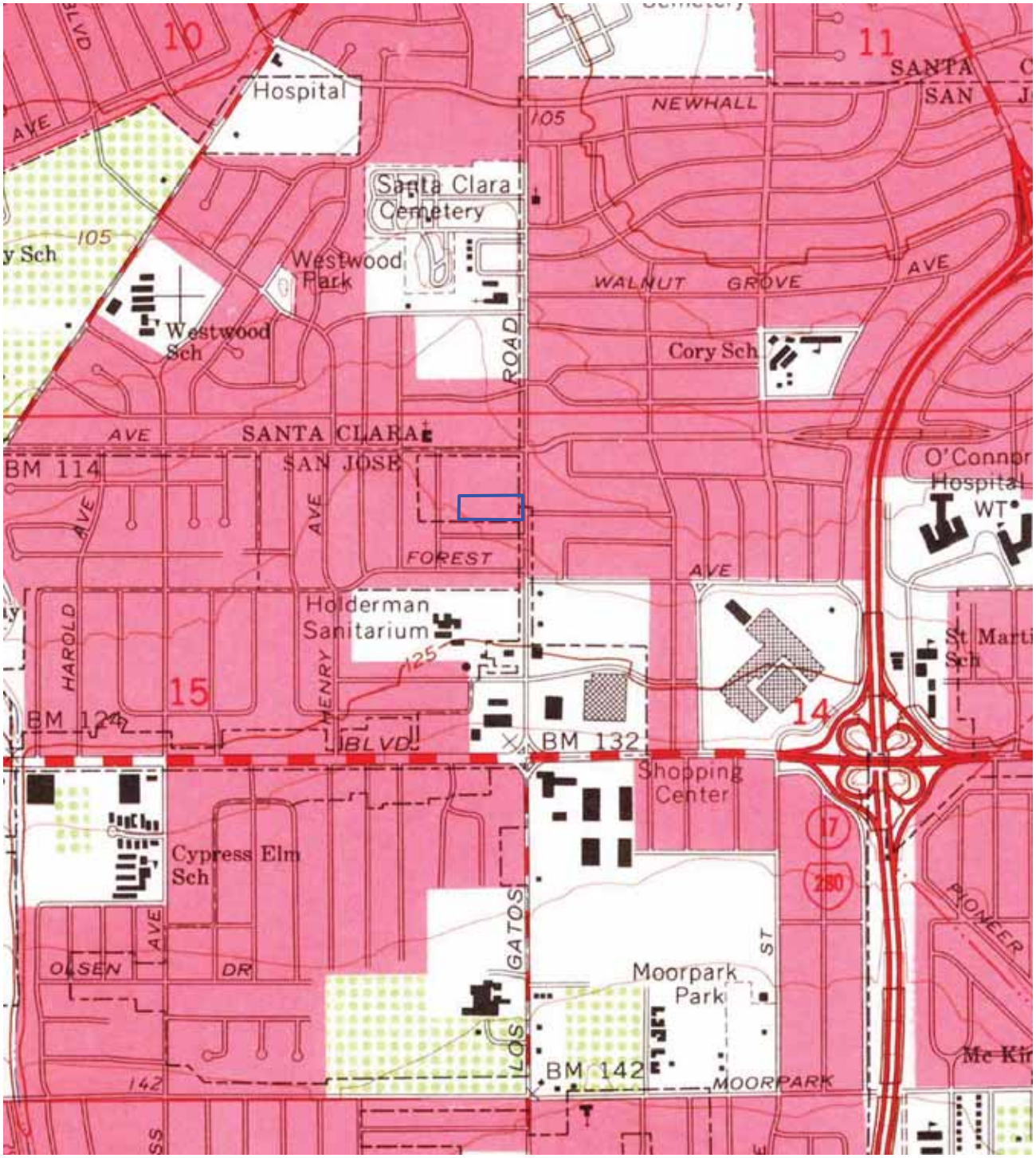
= SUBJECT SITE BOUNDARY

VICINITY MAP	Scale: NTS	Date: March 2015	Krazan
SANTANA ATRIUM SENIOR APARTMENTS 100 N. WINCHESTER BOULEVARD SANTA CLARA, CALIFORNIA 95050	Drawn By: BV	Approved by: BV	SITE DEVELOPMENT ENGINEERS *With Offices Serving the Western U. S.*
	Project No. 034-15013	Figure No. 1	



= SUBJECT SITE BOUNDARY (APPROXIMATE)
= X-RAY EQUIPMENT WITH PHOTOCHEMICAL IMAGING (SUITE 102 - GROUND LEVEL)
= STEEL LOCKERS PRESUMED TO CONTAIN LEAD ACID BATTERIES
= TRASH ENCLOSURE AND DUMPSTER
= PAD-MOUNTED TRANSFORMER (GROUND LEVEL)
= ELEVATOR
= ELEVATOR EQUIPMENT ROOM AND STORAGE ROOM (GROUND LEVEL)

SITE MAP	Scale: NTS	Date: March 2015	Krazan
SANTANA ATRIUM SENIOR APARTMENTS 100 N. WINCHESTER BOULEVARD SANTA CLARA, CALIFORNIA 95050	Drawn By: BV	Approved by: BV	SITE DEVELOPMENT ENGINEERS *With Offices Serving the Western U. S.*
	Project No. 034-15013	Figure No. 2	



7.5-MINUTE SERIES
USGS TOPOGRAPHIC MAP
SAN JOSE WEST, CALIFORNIA
DATED 1961

= SUBJECT SITE BOUNDARY

TOPOGRAPHIC MAP	Scale: NTS	Date: March 2015	Krazan
SANTANA ATRIUM SENIOR APARTMENTS 100 N. WINCHESTER BOULEVARD SANTA CLARA, CALIFORNIA 95050	Drawn By: BV	Approved by: BV	SITE DEVELOPMENT ENGINEERS *With Offices Serving the Western U. S.*
	Project No. 034-15013	Figure No. 3	

Photo 1: Northern-facing view of the eastern portion of the subject site adjacent to N. Winchester Boulevard.

Photo 2: Northwestern-facing view of the eastern face of the multi-tenant office building located in the central and eastern portions of the subject site.

Photo 3: Eastern-facing view of the western face of the on-site multi-tenant office building.

Photo 4: Eastern-facing view of the driveway/parking area located beneath the structure (ground level) in the northern portion of the subject site.

Photo 5: Northwestern-facing view of the paved parking area located in the eastern portion of the subject site.

Photo 6: Western-facing view of the atrium located in the central portion of the on-site building.

Photo 7: Interior view of rehabilitation area in the Jacob's Chiropractic facility (Suite 102).

Photo 8: Interior view of the tenant space occupied by Express Paralegal (Suite 103).

Photo 9: Interior view of the tenant space occupied by Employment and Community Options (Suite 200).

Photo 10: Interior view of a treatment room in the Body in Motion Chiropractic facility (Suite 270).

Photo 11: Interior view of the tenant space occupied by Care First Healthplan (Suite 290).

Photo 12: Interior view of the tenant space occupied by Christian Wealth Management (Suite 300).

Photo 13: Interior view of the law library in the tenant space occupied by Sixth District Appellate (Suite 310).

Photo 14: Interior view of the tenant space occupied by Tamua Kaken (Suite 330).

Photo 15: Interior view of a treatment room in the Santa Clara Ophthalmology facility (Suite 340).

Photo 16: Interior view of the tenant space occupied by Smart Source (Suite 376).

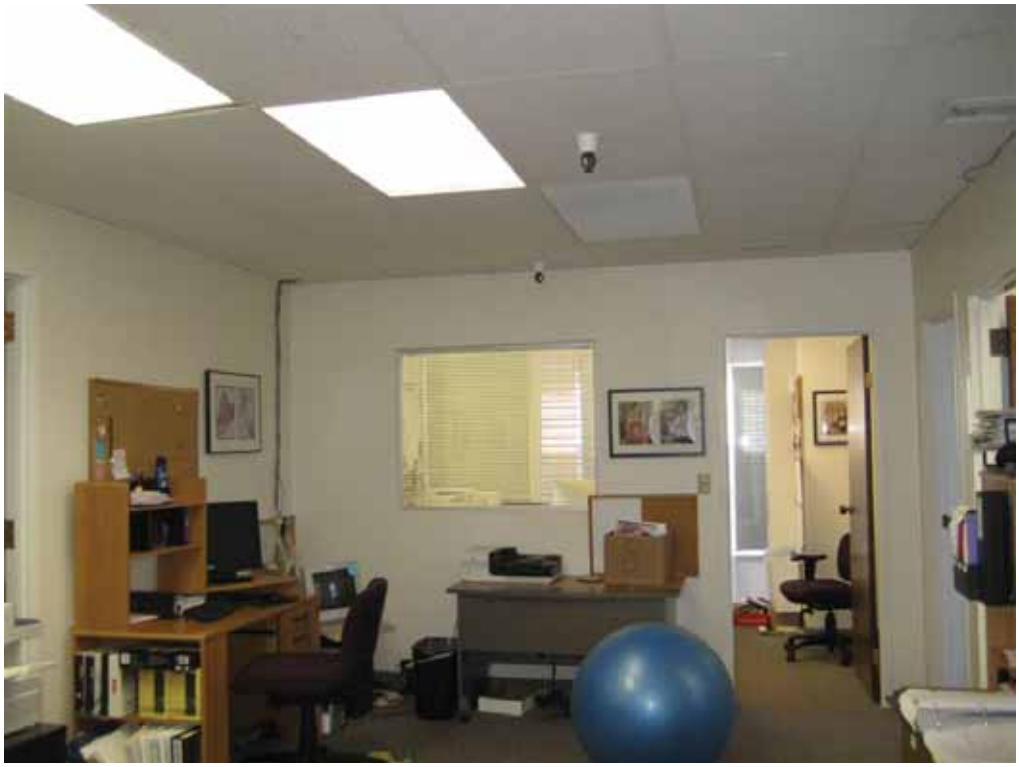


Photo 17: Interior view of the tenant space occupied by Bra Smyth (Suite 380).

Photo 18: Interior view of photochemicals and recovery/recycling system associated with X-ray equipment located in Jacob's Chiropractic (Suite 102).

Photo 19: Northwestern-facing view of roof-mounted telecommunications equipment located on the western portion of the on-site building.

Photo 20: Northern-facing view of a steel locker which appears to contain lead acid batteries used as backup power for the on-site telecommunications equipment.

Photo 21: Interior view of a hydraulic fluid reservoir/pump located in the elevator equipment room in the western portion of the subject site (associated with the front elevator).

Photo 22: Interior view of a hydraulic fluid piping located in the elevator equipment room in the western portion of the on-site building (associated with the front elevator).

Photo 23: Interior view of two containers of paint located in a storage area within the elevator equipment room in the western portion of the on-site building.

Photo 24: Northern-facing view of the dumpster and trash enclosure located within the northwestern portion of the subject site.

Photo 25: Southern-facing view of a stormwater drain inlet located in the western portion of the subject site.

Photo 26: Eastern-facing view of an electrical transformer located in the central-northern portion of the subject site.

Photo 27: Northwestern-facing view of the Walgreens retail store located adjacent to the north of the subject site.

Photo 28: Southwestern-facing view of the office building located adjacent to the north of the subject site.

Photo 29: Southwestern-facing view of the single-family homes located adjacent to the west of the subject site.

Photo 30: Western-facing view of the single-family homes located adjacent to the south of the subject site.

Photo 31: Northeastern-facing view of the Dunn-Edwards Paints store located adjacent to the east of the subject site.

Photo 32: Eastern-facing view of the office building located adjacent to the east of the subject site.

Appendix A

Environmental Liens / AUL Report

AFX Corp., Inc. TitleSearch.com - EnvironmentalLiens.com

Order Number	034-15013	**Effective Date**	2/20/2015		
Last name	SANTANA ATRIUM PROF CTR LLC				
First name		**County**	SANTA CLARA		
Street address	100 N WINCHESTER BLVD	**City**	SANTA CLARA	**State**	CALIFORNIA
Mailing address	2255 YGNACIO VALLEY RD #F, WALNUT CREEK CA 94598-3349				
Parcel Number	303-16-073	**Alternate parcel number**			
Legal Desc.	LOT 21, 1.86AC				

Federal, state, and local environmental records have been researched, resulting in the following list of recorded environmental liens and AUL's (activity and usage limitations) for the subject property having been found:

ENVIRONMENTAL LIENS, IC s, LUC s, AUL s, & DEUR s

1 NONE FOUND WITH UNITED STATES EPA
2 NONE FOUND WITH CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
3 NONE FOUND IN THE SANTA CLARA COUNTY OFFICIAL LAND RECORDS
4

JUDGMENTS, LIENS

1 NONE FOUND WITH CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
2 NO PENDING ENFORCEMENT ACTION LOCATED
3
4

OTHER INFORMATION:

This search is subject to the terms and conditions at TitleSearch.com.

Appendix B

First American Title Company
National Commercial Services
101 Mission Street, Suite 1600
San Francisco, CA 94105-1730

July 23, 2014

Matthew Skelton
USA Properties Fund
3200 Douglas Blvd Ste 200
Roseville , CA 95661
Phone: (916)724-3892

Customer Reference:	Atrium Santana-100 North Winchester Boulevard, San
Title Officer:	Vince Tocco/ Linda Slavik
Phone:	(858)410-3886
Order Number:	NCS-681651-SF
Escrow Officer:	Kimberleigh Toci
Phone:	(415)837-2251
Email:	ktoci@firstam.com
Property:	100 North Winchester Boulevard, Santa Clara, CA

Attached please find the following item(s):

Commitment

Thank You for your confidence and support. We at First American Title Insurance Company maintain the fundamental principle:

Customer First!

First American Title Insurance Company

INFORMATION

The Title Insurance Commitment is a legal contract between you and the company. It is issued to show the basis on which we will issue a Title Insurance Policy to you. The Policy will insure you against certain risks to the land title, subject to the limitations shown in the policy.

The Company will give you a sample of the Policy form, if you ask.

The Commitment is based on the land title as of the Commitment Date. Any changes in the land title or the transaction may affect the Commitment and the Policy.

The Commitment is subject to its Requirements, Exceptions and Conditions.

This information is not part of the title insurance commitment.

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Schedule A		
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3.	Interest in the Land and Owner	4
4.	Description of the Land	4
Schedule B-1 - Requirements		
Schedule B-2 - Exceptions		
Conditions		

YOU SHOULD READ THE COMMITMENT VERY CAREFULLY.
If you have any questions about the Commitment,
please contact the issuing office.

COMMITMENT FOR TITLE INSURANCE

Issued by

First American Title Insurance Company

Agreement to Issue Policy

We agree to issue a policy to you according to the terms of this Commitment.

When we show the policy amount and your name as the proposed insured in Schedule A, this Commitment becomes effective as of the Commitment Date shown in Schedule A.

If the Requirements shown in this Commitment have not been met within six months after the Commitment Date, our obligation under this Commitment will end. Also, our obligation under this Commitment will end when the Policy is issued and then our obligation to you will be under the Policy.

Our obligation under this Commitment is limited by the following:

The Provisions in Schedule A.

The Requirements in Schedule B-1.

The Exceptions in Schedule B-2.

The Conditions.

This Commitment is not valid without Schedule A and Sections 1 and 2 of Schedule B.

SCHEDULE A

1. Commitment Date: July 15, 2014 at 7:30 A.M.

2. Policy or Policies to be issued: Amount

   (A) ALTA Standard Owner Policy $11,750,000.00

   Proposed Insured:

   To be determined

   (B) ALTA Extended Loan Policy $To be determined

   Proposed Insured:

   To be determined

3. (A) The estate or interest in the land described in this Commitment is:

   Fee

   (B) Title to said estate or interest at the date hereof is vested in:

   SANTANA ATRIUM PROFESSIONAL CENTER, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY, AS TO AN UNDIVIDED 80.07% INTEREST;

   RUBICON INVESTMENTS, INC., A CALIFORNIA CORPORATION, AS TO AN UNDIVIDED 0.91% INTEREST;

   DARRYL E. CHAGI AND JULIE CHAGI, TRUSTEES OF THE CHAGI 1998 FAMILY TRUST DATED MAY 23, 1998, AS TO AN UNDIVIDED 9.98% INTEREST; AND

   MICHAEL S. NEFF AND PEGGY M. NEFF, TRUSTEES OF THE NEFF FAMILY TRUST DATED 1/1/2008, AS TO AN UNDIVIDED 9.04% INTEREST

4. The land referred to in this Commitment is situated in the City of Santa Clara, County of Santa Clara, State of California, and is described as follows:

   A PORTION OF LOT 21 OF PRUNE RIDGE TRACT, ACCORDING TO THE MAP THEREOF RECORDED NOVEMBER 8, 1890 IN BOOK E OF MAPS, PAGE 51, SANTA CLARA COUNTY RECORDS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

   BEGINNING AT THE SOUTHEASTERLY CORNER OF LOT 8 OF TRACT NO. 334 PRUNE RIDGE MANOR, ACCORDING TO THE MAP THEREOF RECORDED NOVEMBER 12, 1946 IN BOOK 12 OF MAPS, AT PAGE 17, SAID CORNER IS LOCATED ON THE SOUTHERLY LINE OF SAID LOT 21, HEREINABOVE REFERRED TO; THENCE FROM SAID POINT OF BEGINNING NORTH 0° 04' 23" WEST ALONG THE EASTERLY LINE OF LOTS 8, 9 AND 10 OF SAID TRACT NO. 334, A DISTANCE OF 173.12 FEET; THENCE SOUTH 89° 53' EAST 468.80 FEET TO THE SOUTHEASTERLY CORNER OF PARCEL B, AS SHOWN ON THE RECORD OF SURVEY MAP RECORDED SEPTEMBER 19, 1963 IN BOOK 166 OF MAPS AT PAGE 56, SANTA CLARA COUNTY RECORDS; THENCE SOUTH 0° 05' EAST ALONG THE MOST EASTERLY LINE OF PARCEL C AS SHOWN ON SAID RECORD OF

SURVEY MAP AND THE WESTERLY LINE OF NORTH WINCHESTER BLVD., 100 FEET IN WIDTH AS SHOWN ON SAID RECORD OF SURVEY MAP, A DISTANCE OF 173.12 FEET TO THE NORTHERLY LINE OF TRACT NO. 1032 BASCOM GARDENS UNIT NO. 7 ACCORDING TO THE MAP RECORDED AUGUST 26, 1952 IN BOOK 40 OF MAPS, PAGE 17, SANTA CLARA COUNTY RECORDS; THENCE NORTH 89° 53' WEST ALONG THE NORTHERLY LINE OF SAID TRACT 1032, A DISTANCE OF 468.83 FEET TO THE POINT OF BEGINNING. DELINEATED ON THE RECORD OF SURVEY FILED DECEMBER 13, 1967 IN BOOK 231 OF MAPS, PAGE 38, SANTA CLARA COUNTY RECORDS.

APN: 303-16-073 ARB: 303-16-073

SCHEDULE B

SECTION ONE

REQUIREMENTS

The following requirements must be met:

(A) Pay the agreed amounts for the interest in the land and/or the mortgage to be insured.

(B) Pay us the premiums, fees and charges for the policy.

(C) Documents satisfactory to us creating the interest in the land and/or the mortgage to be insured must be signed, delivered and recorded.

(D) You must tell us in writing the name of anyone not referred to in this Commitment who will get an interest in the land or who will make a loan on the land. We may then make additional requirements or exceptions.

(E) Releases(s) or Reconveyance(s) of Item(s): 5 and 7

(F) Other: None

(G) You must give us the following information:
1. Any off record leases, surveys, etc.
2. Statement(s) of Identity, all parties.
3. Other:

With respect to the trust referred to in the vesting:

a. A certification pursuant to Section 18100.5 of the California Probate Code in a form satisfactory to the Company.
b. Copies of those excerpts from the original trust documents and amendments thereto which designate the trustee and confer upon the trustee the power to act in the pending transaction.
c. Other requirements which the Company may impose following its review of the material required herein and other information which the Company may require.

The following additional requirements, as indicated by "X", must be met:

[X] (H) Provide information regarding any off-record matters, which may include, but are not limited to: leases, recent works of improvement, or commitment statements in effect under the Environmental Responsibility Acceptance Act, Civil Code Section 850, et seq.

The Company's Owner's Affidavit form(as provided by company) must be completed and submitted prior to close in order to satisfy this requirement. This Commitment will then be subject to such further exceptions and/or requirements as may be deemed necessary.

[] (I) An ALTA/ACSM survey of recent date, which complies with the current minimum standard detail requirements for ALTA/ACSM land title surveys, must be submitted to the Company for review. This Commitment will then be subject to such further exceptions and/or requirements as may be deemed necessary.

[X] (J) The following LLC documentation is required:
(i) a copy of the Articles of Organization
(ii) a copy of the Operating Agreement, if applicable
(iii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iv) express Company Consent to the current transaction

[] (K) The following partnership documentation is required **:**
(i) a copy of the partnership agreement, including all applicable amendments thereto
(ii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iii) express Partnership Consent to the current transaction

[X] (L) The following corporation documentation is required:
(i) a copy of the Articles of Incorporation
(ii) a copy of the Bylaws, including all applicable Amendments thereto
(iii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iv) express Corporate Resolution consenting to the current transaction

[**X**] (M) Based upon the Company's review of that certain partnership/operating agreement dated **Not disclosed** for the proposed insured herein, the following requirements must be met:

Any further amendments to said agreement must be submitted to the Company, together with an affidavit from one of the general partners or members stating that it is a true copy, that said partnership or limited liability company is in full force and effect, and that there have been no further amendments to the agreement. This Commitment will then be subject to such further requirements as may be deemed necessary.

[] (N) A copy of the complete lease, as referenced in Schedule A, #3 herein, together with any amendments and/or assignments thereto, must be submitted to the Company for review, along with an affidavit executed by the present lessee stating that it is a true copy, that the lease is in full force and effect, and that there have been no further amendments to the lease. This Commitment will then be subject to such further requirements as may be deemed necessary.

[X] (O) Approval from the Company's Underwriting Department must be obtained for issuance of the policy contemplated herein and any endorsements requested thereunder. This Commitment will then be subject to such further requirements as may be required to obtain such approval.

[] (P) Potential additional requirements, if ALTA Extended coverage is contemplated hereunder, and work on the land has commenced prior to close, some or all of the following requirements, and any other requirements which may be deemed necessary, may need to be met:

[] (Q) The Company's "Mechanic's Lien Risk Addendum" form must be completed by a Company employee, based upon information furnished by the appropriate parties involved.

[] (R) The Company's "Indemnity Agreement I" must be executed by the appropriate parties.

[] (S) Financial statements from the appropriate parties must be submitted to the Company for review.

[] (T) A copy of the construction contract must be submitted to the Company for review.

[] (U) An inspection of the land must be performed by the Company for verification of the phase of construction.

SCHEDULE B

SECTION TWO

EXCEPTIONS

Any policy we issue will have the following exceptions unless they are taken care of to our satisfaction. The printed exceptions and exclusions from the coverage of the policy or policies are set forth in Exhibit A attached. Copies of the policy forms should be read. They are available from the office which issued this Commitment.

1. General and special taxes and assessments for the fiscal year 2014-2015, a lien not yet due or payable.

2. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

3. An easement for underground cables, conduits, and appurtenances including transformers and incidental purposes, recorded April 22, 1968 as Book 8097, Page 152 of Official Records.

   In Favor of: The City of Santa Clara, California, a Municipal corporation
   Affects: as described therein

4. An easement for underground cables, conduits, and appurtenances including transformers and incidental purposes, recorded February 26, 1970 as Book 8839, Page 436 of Official Records.

   In Favor of: The City of Santa Clara, a Municipal corporation
   Affects: as described therein

5. A deed of trust to secure an original indebtedness of $9,675,121.00 recorded November 09, 2007 as Document No. 19649497 of Official Records.

   Dated: November 05, 2007
   Trustor: Santana Atrium Professional Center, LLC, a California limited liability company, as to a 80.07% interest; Michael S. Neff and Peggy M. Neff, husband and wife, as community property, with right of survivorship, as to a 9.04% interest; Peiser Investments, LLC, a California limited liability company, as to a 6.21% interest; and Rubicon Investments, Inc., a California corporation, as to a 4.68% interest, as tenants in common
   Trustee: American Securities Company, a California corporation
   Beneficiary: Wells Fargo Bank, National Association

   A document recorded March 10, 2008 as Document No. 19769661 of Official Records, provides that the obligation secured by the deed of trust was assumed by Darryl E. Chagi and Julie Chagi, Trustees of The Chagi 1998 Family Trust, Dated May 23, 1998.

   A document recorded January 18, 2011 as Document No. 21052147 of Official Records provides that the deed of trust or the obligation secured thereby has been modified.

   A document recorded April 16, 2014 as Document No. 22569982 of Official Records provides that the deed of trust or the obligation secured thereby has been modified.

6. The terms and provisions contained in the document entitled "Restrictive Covenant Running with the Land" recorded April 29, 2008 as Document No. 19834309 of Official Records.

7. A deed of trust to secure an original indebtedness of $1,330,900.00 recorded July 14, 2014 as Document No. 22644901 of Official Records.

Dated:	July 01, 2014
Trustor:	Rubicon Investments, Inc., a California corporation; Santana Atrium Professional Center, LLC, a California limited liability company; Michael S. Neff and Peggy M. Neff, Trustees of the Neff Family Trust, dated January 1, 2008; and Darryl E. Chagi and Julie Chagi, Trustees of the Chagi 1998 Family Trust, dated May 23, 1998
Trustee:	First American Title Insurance Company, a Nebraska corporation
Beneficiary:	Roy D. Alper & Judith L. Alper, Trustees of the Alper Living Trust, dated 02/15/2002($ 60,000), The Entrust Group, Inc. FB0 Roy Alper IRA ($100,000),Franklin M. & Lilo G. Battat, Trustees of the Banat Revocable Trust, dated 11/23/1996 ($265,000), Kevin Fisher and Debra Donnelly, Trustees of the Fisher-Donnelly Trust ($300,000), Alfred Wang Kwong Lee ($150,000), Stuart and Bette Schuster, Trustees of the Schuster Trust, dated February 10, 1995 ($200,000) and Rubicon Investments, Inc., a California corporation ($255,900)

8. Rights of parties in possession.

INFORMATIONAL NOTES

1. Taxes for proration purposes only for the fiscal year 2013-2014.

First Installment:	$64,966.81, PAID
Second Installment:	$64,966.81, PAID
Tax Rate Area:	07-011
APN:	303-16-073

2. According to the latest available equalized assessment roll in the office of the county tax assessor, there is located on the land a(n) Commercial Structure known as 100 North Winchester Boulevard, Santa Clara, CA.

3. According to the public records, there has been no conveyance of the land within a period of twenty-four months prior to the date of this report, except as follows:

   None

4. This preliminary report/commitment was prepared based upon an application for a policy of title insurance that identified land by street address or assessor's parcel number only. It is the responsibility of the applicant to determine whether the land referred to herein is in fact the land that is to be described in the policy or policies to be issued.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American Title Insurance Company expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

******To obtain wire instructions for deposit of funds to your escrow file please contact your Escrow Officer.******

CONDITIONS

1. **DEFINITIONS**
(a)"Mortgage" means mortgage, deed of trust or other security instrument.
(b)"Public Records" means title records that give constructive notice of matters affecting the title according to the state law where the land is located.

2. **LATER DEFECTS**
The Exceptions in Schedule B - Section Two may be amended to show any defects, liens or encumbrances that appear for the first time in the public records or are created or attached between the Commitment Date and the date on which all of the Requirements (a) and (c) of Schedule B - Section One are met. We shall have no liability to you because of this amendment.

3. **EXISTING DEFECTS**
If any defects, liens or encumbrances existing at Commitment Date are not shown in Schedule B, we may amend Schedule B to show them. If we do amend Schedule B to show these defects, liens or encumbrances, we shall be liable to you according to Paragraph 4 below unless you knew of this information and did not tell us about it in writing.

4. **LIMITATION OF OUR LIABILITY**
Our only obligation is to issue to you the Policy referred to in this Commitment, when you have met its Requirements. If we have any liability to you for any loss you incur because of an error in this Commitment, our liability will be limited to your actual loss caused by your relying on this Commitment when you acted in good faith to:

comply with the Requirements shown in Schedule B - Section One
or
eliminate with our written consent any Exceptions shown in Schedule B - Section Two.

We shall not be liable for more than the Policy Amount shown in Schedule A of this Commitment and our liability is subject to the terms of the Policy form to be issued to you.

5. **CLAIMS MUST BE BASED ON THIS COMMITMENT**
Any claim, whether or not based on negligence, which you may have against us concerning the title to the land must be based on this commitment and is subject to its terms.

First American Title

Privacy Information

We Are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information - particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our subsidiaries we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability

This Privacy Policy governs our use of the information that you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its Fair Information Values.

Types of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

Former Customers

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

Confidentiality and Security

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's Fair Information Values. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

Information Obtained Through Our Web Site

First American Financial Corporation is sensitive to privacy issues on the Internet. We believe it is important you know how we treat the information about you we receive on the Internet.

In general, you can visit First American or its affiliates' Web sites on the World Wide Web without telling us who you are or revealing any information about yourself. Our Web servers collect the domain names, not the e-mail addresses, of visitors. This information is aggregated to measure the number of visits, average time spent on the site, pages viewed and similar information. First American uses this information to measure the use of our site and to develop ideas to improve the content of our site.

There are times, however, when we may need information from you, such as your name and email address. When information is needed, we will use our best efforts to let you know at the time of collection how we will use the personal information. Usually, the personal information we collect is used only by us to respond to your inquiry, process an order or allow you to access specific account/profile information. If you choose to share any personal information with us, we will only use it in accordance with the policies outlined above.

Business Relationships

First American Financial Corporation's site and its affiliates' sites may contain links to other Web sites. While we try to link only to sites that share our high standards and respect for privacy, we are not responsible for the content or the privacy practices employed by other sites.

Cookies

Some of First American's Web sites may make use of "cookie" technology to measure site activity and to customize information to your personal tastes. A cookie is an element of data that a Web site can send to your browser, which may then store the cookie on your hard drive.

FirstAm.com uses stored cookies. The goal of this technology is to better serve you when visiting our site, save you time when you are here and to provide you with a more meaningful and productive Web site experience.

Fair Information Values

Fairness We consider consumer expectations about their privacy in all our businesses. We only offer products and services that assure a favorable balance between consumer benefits and consumer privacy.

Public Record We believe that an open public record creates significant value for society, enhances consumer choice and creates consumer opportunity. We actively support an open public record and emphasize its importance and contribution to our economy.

Use We believe we should behave responsibly when we use information about a consumer in our business. We will obey the laws governing the collection, use and dissemination of data.

Accuracy We will take reasonable steps to help assure the accuracy of the data we collect, use and disseminate. Where possible, we will take reasonable steps to correct inaccurate information. When, as with the public record, we cannot correct inaccurate information, we will take all reasonable steps to assist consumers in identifying the source of the erroneous data so that the consumer can secure the required corrections.

Education We endeavor to educate the users of our products and services, our employees and others in our industry about the importance of consumer privacy. We will instruct our employees on our fair information values and on the responsible collection and use of data. We will encourage others in our industry to collect and use information in a responsible manner.

Security We will maintain appropriate facilities and systems to protect against unauthorized access to and corruption of the data we maintain.

EXHIBIT A
LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)

1. CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY - 1990
SCHEDULE B

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notice of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the public records.

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
   (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
   (c) resulting in no loss or damage to the insured claimant;
   (d) attaching or created subsequent to Date of Policy; or
   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable "doing business" laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by their policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

2. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY FORM B - 1970
SCHEDULE OF EXCLUSIONS FROM COVERAGE

1. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions of area of the land, or the effect of any violation of any such law, ordinance or governmental regulation.
2. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant; (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder; (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy; or (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.

3. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY FORM B - 1970
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 2 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage by reason of the matters shown in parts one and two following:
Part One

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown by the public records.

4. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970
WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE
SCHEDULE OF EXCLUSIONS FROM COVERAGE

1. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions or area of the land, or the effect of any violation of any such law ordinance or governmental regulation.
2. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant, (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy or acquired the insured mortgage and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder, (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy (except to the extent insurance is afforded herein as to any statutory lien for labor or material or to the extent insurance is afforded herein as to assessments for street improvements under construction or completed at Date of Policy).
4. Unenforceability of the lien of the insured mortgage because of failure of the insured at Date of Policy or of any subsequent owner of the indebtedness to comply with applicable "doing business" laws of the state in which the land is situated.

5. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970
WITH REGIONAL EXCEPTIONS

When the American Land Title Association Lenders Policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy, the exclusions set forth in paragraph 4 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage by reason of the matters shown in parts one and two following:
Part One

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

6. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992
WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy;
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.

2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
(a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
(c) resulting in no loss or damage to the insured claimant;
(d) attaching or created subsequent to Date of Policy (except to the extent that this policy insures the priority of the lien of the insured mortgage over any statutory lien for services, labor or material or the extent insurance is afforded herein as to assessments for street improvements under construction or completed at date of policy); or
(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable "doing business" laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any statutory lien for services, labor or materials (or the claim of priority of any statutory lien for services, labor or materials over the lien of the insured mortgage) arising from an improvement or work related to the land which is contracted for and commenced subsequent to Date of Policy and is not financed in whole or in part by proceeds of the indebtedness secured by the insured mortgage which at Date of Policy the insured has advanced or is obligated to advance.
7. Any claim, which arises out of the transaction creating the interest of the mortgagee insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
(i) the transaction creating the interest of the insured mortgagee being deemed a fraudulent conveyance or fraudulent transfer; or
(ii) the subordination of the interest of the insured mortgagee as a result of the application of the doctrine of equitable subordination; or
(iii) the transaction creating the interest of the insured mortgagee being deemed a preferential transfer except where the preferential transfer results from the failure:
(a) to timely record the instrument of transfer; or
(b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

7. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992 WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 6 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:
1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

8. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 1992 EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:
1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
(a) created, suffered, assumed or agreed to by the insured claimant;
(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
(c) resulting in no loss or damage to the insured claimant;
(d) attaching or created subsequent to Date of Policy; or

(e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.

4. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
(i) the transaction creating the estate or interest insured by this policy being deemed a fraudulent conveyance or fraudulent transfer; or
(ii) the transaction creating the estate or interest insured by this policy being deemed a preferential transfer except where the preferential transfer results from the failure:
(a) to timely record the instrument of transfer; or
(b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

9. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 1992
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 8 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:
Part One:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

ALTA RESIDENTIAL TITLE INSURANCE POLICY (6-1-87)
EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
   (a) and use
   (b) improvements on the land
   (c) and division
   (d) environmental protection
   This exclusion does not apply to violations or the enforcement of these matters which appear in the public records at Policy Date.
   This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.
2. The right to take the land by condemning it, unless:
   (a) a notice of exercising the right appears in the public records on the Policy Date
   (b) the taking happened prior to the Policy Date and is binding on you if you bought the land without knowing of the taking
3. Title Risks:
   (a) that are created, allowed, or agreed to by you
   (b) that are known to you, but not to us, on the Policy Date -- unless they appeared in the public records
   (c) that result in no loss to you
   (d) that first affect your title after the Policy Date -- this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
4. Failure to pay value for your title.
5. Lack of a right:
   (a) to any land outside the area specifically described and referred to in Item 3 of Schedule A OR
   (b) in streets, alleys, or waterways that touch your land
   This exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

11. EAGLE PROTECTION OWNER'S POLICY

CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE - 1998
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE - 1998

Covered Risks 14 (Subdivision Law Violation). 15 (Building Permit). 16 (Zoning) and 18 (Encroachment of boundary walls or fences) are subject to Deductible Amounts and Maximum Dollar Limits of Liability

EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes ordinances, laws and regulations concerning:
   a. building
   b. zoning
   c. land use
   d. improvements on the land
   e. land division
   f. environmental protection

   This exclusion does not apply to violations or the enforcement of these matters if notice of the violation or enforcement appears in the Public Records at the Policy Date.
   This exclusion does not limit the coverage described in Covered Risk 14, 15, 16, 17 or 24.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at the Policy Date.
3. The right to take the Land by condemning it, unless:
   a. a notice of exercising the right appears in the Public Records at the Policy Date; or
   b. the taking happened before the Policy Date and is binding on You if You bought the Land without Knowing of the taking.
4. Risks:
   a. that are created, allowed, or agreed to by You, whether or not they appear in the Public Records;
   b. that are Known to You at the Policy Date, but not to Us, unless they appear in the Public Records at the Policy Date;
   c. that result in no loss to You; or
   d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.d, 22, 23, 24 or 25.
5. Failure to pay value for Your Title.
6. Lack of a right:
   a. to any Land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
   b. in streets, alleys, or waterways that touch the Land.
   This exclusion does not limit the coverage described in Covered Risk 11 or 18.

12. THIRD GENERATION EAGLE LOAN POLICY AMERICAN LAND TITLE ASSOCIATION EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (1/01/08)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to (i) the occupancy, use, or enjoyment of the Land; (ii) the character, dimensions, or location of any improvement erected on the Land; (iii) the subdivision of land; or(iv) environmental protection; or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
   (b)Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
   (e) resulting in loss or damage which would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.

13. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 2006

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

(i) the occupancy, use, or enjoyment of the Land;

(ii) the character, dimensions, or location of any improvement erected on the Land;

(iii) the subdivision of land; or

(iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters

(a) created, suffered, assumed, or agreed to by the Insured Claimant;

(b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;

(c) resulting in no loss or damage to the Insured Claimant;

(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or

(e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.

4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is

(a) a fraudulent conveyance or fraudulent transfer, or

(b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.

7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

14. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 2006
WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 13 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.

15. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 2006
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

(i) the occupancy, use, or enjoyment of the Land;

(ii) the character, dimensions, or location of any improvement erected on the Land;

(iii) the subdivision of land; or

(iv) environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters

   (a) created, suffered, assumed, or agreed to by the Insured Claimant;

   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;

   (c) resulting in no loss or damage to the Insured Claimant;

   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risks 9 and 10); or

   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors rights laws, that the transaction vesting the Title as shown in Schedule A, is

   (a) a fraudulent conveyance or fraudulent transfer; or

   (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

16. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 2006 WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 15 above are used and the following exceptions to coverage appear in the policy.

SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.

Appendix C

Phase I ESA User Questionnaire
Santana Atrium Senior Apartments
100 N. Winchester Boulevard; APN 303-16-073
Santa Clara, California 95050

Respondent Information:

Name: Royce Patch
Date: 2-19-15

Company: USA Properties Fund, Inc.
Phone: 916 724-3840

Introduction

"In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfield Revitalization Act of 2001 (the 'Brownfields Amendments'), the user must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that 'all appropriate inquiry' is not completed"- American Society for Testing and Materials (ASTM) E1527-05 Appendix X3: User Questionnaire

1. Are you aware of any environmental cleanup liens against the subject site that are filed or recorded under federal, tribal, state, or local law?

No

2. Are you aware of any activity use limitations (AULs) such as engineering controls, land use restrictions, or institutional controls that are in place at the subject site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

No

3. As the user of the Phase I Environmental Site Assessment (ESA), do you have any specialized knowledge or experience related to the subject site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the subject site or an adjacent property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

No

4. Does the purchase price being paid for the subject site reasonably reflect the fair market value of the subject site? [Yes] No

A. If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the subject site?

No

5. Are you aware of commonly known or reasonably ascertainable information about the subject site that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

A. Do you know the past uses of the subject site? If so, briefly explain.
Commercial office space.

B. Do you know of specific chemicals that are present or once were present at the subject site? If so, briefly explain.
No

C. Do you know of spills or other chemical releases that have taken place at the subject site? If so, briefly explain.
No

D. Do you know of any environmental cleanups that have taken place at the subject site? If so, briefly explain.
No

6. As the user of the Phase I ESA, based on your knowledge and experience related to the subject site, are there any obvious indicators that point to the presence or likely presence of contamination at the subject site?
No

7. What is the reason for preparation of this Phase I ESA? (Property purchase/sale; bank loan; proposed development; etc.)
The acquisition and construction of a 90 unit apartment project.

I, the user of this Phase I ESA (or authorized representative of the User), do hereby attest that I have carefully considered the questions herein and have presented answers to the best of my knowledge and ability based upon the Responsibilities of the User as required within ASTM E1527-05 guidance.

Name Royce Patch Date February 19, 2015
(Please Print)

Signature Royce Patch

Appendix D

PII ENVIRONMENTAL

April 22, 2014

Prometheus Real Estate Group, Inc.
c/o Mr. Nathan Tuttle
1900 S. Norfolk Street, Suite 150
San Mateo, CA 94403

RE: Phase I Environmental Site Assessment (ESA) Report
100 N. Winchester Boulevard, Santa Clara, California

Dear Mr. Tuttle:

Enclosed is the Draft Phase I ESA Report for the above referenced property. Please review this Report, especially the Site Reconnaissance and Conclusion sections.

This assessment has not revealed any Recognized Environmental Conditions (REC) at the subject property. PIIE did not review any evidence or observe any significant environmental issues related to the subject property.

Thank you for choosing PIIE to perform this project. If you have any questions about this report, please contact me at (510) 520-2372, or email me at david.dement@ymail.com.

Sincerely,

David DeMent, PG
Senior Geologist

REGISTERED GEOLOGIST
DAVID R. DEMENT
NO. 5874
STATE OF CALIFORNIA

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Santana Atrium Professional Center
100 N. Winchester Boulevard
Santa Clara, California

April 22, 2014

Prepared For:

Prometheus Real Estate Group
1900 S. Norfolk Street, Suite 150
San Mateo, California

EXECUTIVE SUMMARY

Consultant:	PII Environmental (PIIE)
Subject Property:	One-Parcel Property, 100 N. Winchester Boulevard, Santa Clara, California. The address is known as Assessor's Parcel Number 303-16-073.
Client:	Prometheus Real Estate Group
Location:	The rectangular-shaped subject property is located at 100 N. Winchester Boulevard in Santa Clara, California. The subject property is located on the west side of N. Winchester Boulevard approximately 300 feet south of the intersection with Pruneridge Avenue.
Current Use:	The subject property is comprised of one parcel designated 303-16-073. The entire parcel is occupied by one multi-tenant, 3-story commercial office building with front and rear parking lots and is addressed as 100 N. Winchester Boulevard, Santa Clara, California.
Current Owner:	The subject property is owned by four entities: 1) Approximately 80 percent owned by the SANTANA ATRIUM PROFESSIONAL CENTER, LLC; 2) approximately one percent owned by the RUBICON INVESTMENTS, INC., A CALIFORNIA CORPORATION; 3) approximately 10 percent owned by the DARRYL E. CHAGI AND JULIE CHAGI, TRUSTEES OF THE CHAGI 1998 FAMILY TRUST; and 4) approximately nine percent owned by the MICHAEL S. NEFF AND PEGGY M. NEFF, TRUSTEES OF THE NEFF FAMILY TRUST.
Site Characteristics:	The 1-parcel subject property is approximately 84,611 square feet (1.86 acre) and has been developed with one 3-story, 63,578 square foot multi-unit commercial office building.
Vicinity Characteristics:	The subject property and surrounding properties are mixed use commercial, retail, and residential homes. Properties immediately fronting N. Winchester Boulevard and Pruneridge Avenue are

primarily commercial and the remaining properties are primarily resiential.

Purpose: This Phase I Environmental Site Assessment (ESA) was performed to (1) identify any recognized environmental conditions (RECs), and (2) permit a user to satisfy one of the requirements to qualify for the innocent landowner defense under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) liability protection (42 U.S.C. §9601). All components of this ESA were performed or overseen by Environmental Professionals as defined in the All Appropriate Inquiries (AAI) Standard and the American Society for Testing and Materials (ASTM) E 1527-13.

Recognized Environmental Conditions:

This assessment has revealed no Recognized Environmental Conditions (RECs) at the subject property. This assessment has revealed no historical RECs (HRECs) at the subject property. This assessment has revealed no controlled RECs (CRECs) at the subject property.

The following are observations for the subject property:

- During the site reconnaissance, PIIE observed two small utility lockers in the southwest and northwest corners that contain lead-acid batteries. The batteries are used for emergency power and a Hazardous Materials Management Plan is on file at the Mountain View Fire Department. Based on the condition of the utility lockers and a current HMMP, PIIE does not consider the lead-acid batteries an environmental concern.

- During the site reconnaissance, PIIE observed some minor suspect asbestos containing building materials (ACBM) in the building. Suspect ACBM primarily consisted of typical items such as floor tiles, linoleum, and mastic on bathroom floors and kitchen areas (Section 5.5).

None of the items observed during the site reconnaissance represents a serious condition and does not warrant any special mitigation or investigation. All observed items are typical for an operational building and tenant housekeeping practices were generally excellent. PIIE recommends that all tenants properly dispose or recycle all chemicals and materials used or stored at their respective offices prior to vacating the premises.

Within 0.5 mile of the subject property, there are several sites with documented releases of hazardous substances and/or petroleum products. However, there is <u>no</u> documented evidence that constituent plumes originating from any of these sites have migrated to the subject property.

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1.0 INTRODUCTION

On behalf of Prometheus Real Estate Group (hereinafter referred to as the "Client"), PII Environmental (PIIE), performed a Phase I Environmental Site Assessment (ESA) of APN number 303-16-073, known as 100 N. Winchester Boulevard, Santa Clara, California, (hereinafter referred to as the "subject property").

1.1 Purpose

This ESA was performed to provide a record of the site conditions at the subject property and to evaluate what, if any, recognized environmental conditions (RECs) exist at this site. The ASTM E 1527-13 Standard defines a REC as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property; (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment." A material threat is defined by the ASTM E 1527-13 Standard as "a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment."

Additional goals of this ESA are to identify RECs from current and historical practices on the subject property and surrounding area and to assist the Client to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations from Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability. ASTM has recently updated the definition of historical RECs (HRECs) and controlled RECs (CRECs).

The ASTM E 1527-13 Standard defines an HREC as a "past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls." The ASTM E 1527-13 Standard defines a CREC as a "recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls."

1.2 Detailed Scope of Services

These tasks were performed in accordance with the Scope of Services (Appendix A).

- Visual site inspection of the subject property to investigate for recognized environmental conditions. PIIE is not responsible for inspecting areas covered by parked vehicles, overgrown vegetation, and other obstacles preventing access.

- A historical review of the use and improvements of the subject property through a review of aerial photographs, historical topographic maps, city directories, fire insurance maps, title reports, and/or building department records.

- A review of available geologic and hydrogeologic literature concerning the property and surrounding area.

- Interviews of persons familiar with the history of the subject property, including key site managers, owners, tenants, past tenants, and/or previous owners.

- Review of appropriate federal, state, and local regulatory agencies to reveal known hazardous wastes sites or significant leaks or spills of hazardous materials that may have occurred at the subject property and immediate vicinity.

- Interviews with applicable local agencies familiar with the areas in the vicinity of the subject property such as local fire departments, health departments, Regional Water Quality Control Board, and/or other local government agencies.

1.3 Significant Assumptions

No significant assumptions were made during this Phase I ESA.

1.4 Limitations and Exceptions of Agreement

PIIE has performed the services for this project in accordance with our proposal, and within the current standards of the American Society for Testing and Materials (ASTM 1527-13) for Phase I Environmental Site Assessments and the standards for All Appropriate Inquiries (AAI) approved by the Federal Environmental Protection Agency. Except for the representations set forth in this Phase I ESA, no other representations, guarantees, or warrantees are either expressed or implied. A record search was limited to reasonably ascertainable information that could be obtained within 20 calendar days.

The review was limited to a search for RECs at the subject property. The term REC is defined as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future to the environment. D*e minimis* conditions are not recognized environmental conditions."

The ASTM E 1527-13 Standard defines *de minimis* conditions as those conditions which "generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies." The ASTM E 1527-13 Standard notes that "conditions

determined to be *de minimis* are neither recognized environmental conditions (RECs) nor controlled recognized environmental conditions (CRECs)."

There is no investigation that is thorough enough to preclude the presence of hazardous materials that presently, or in the future, may be considered hazardous at the site. Because regulatory evaluation criteria are constantly changing, concentrations of contaminants presently considered low may, in the future, fall under more stringent regulatory standards that require remediation.

The Site Reconnaissance was limited to visual observation of surface conditions at the subject property. Interviews with public agency personnel were conducted. Reasonably ascertainable information was reviewed. This approach reflects current ASTM standards and AAI regulations.

Where there is a conflict between the environmental database and PIIE's actual knowledge with regard to the distance and direction from the subject property of sites listed on the database, information obtained by PIIE from the site reconnaissance was used. Whenever feasible, PIIE notes such conflict within the text of the report.

This ESA addresses recognized environmental conditions at the subject property. However, certain conditions, such as those listed below may not be revealed:

1) naturally-occurring toxic materials in subsurface soils, rocks, or water, or toxicity associated with onsite flora;
2) toxicity of substances common in current habitable environments, such as stored household products, building materials, and consumables;
3) biological pathogens;
4) contaminant plume below the depths sampled or from remote source;
5) contaminants or contaminant concentrations that do not violate present regulatory standards, but may violate future standards; and
6) unknown site contamination, such as illegal dumping and/or accidental spillage which may occur following the site visit by PIIE.

Opinions and judgments expressed herein, which are based on our understanding and interpretation of current regulatory standards, should not be construed as legal opinions. This document and the information contained herein have been prepared solely for the Client and any reliance on this report by third parties not authorized by the Client shall be at such party's sole risk.

Conducting an AAI Phase I ESA alone does not provide a landowner with protection against CERCLA liability. Landowners who want to qualify as bona fide prospective purchasers or contiguous property owner must comply with all of the statutory requirements identified in CERCLA Section 107(r) and 107(q).

1.5 Special Terms and Conditions

No special terms or conditions were agreed upon for conducting this Phase I ESA.

1.6 User Reliance

As specified in ASTM E 1527-13, Sections 7.5.2 and 7.5.2.1, PIIE is not required to independently verify the information provided by the User (Client), obtained from interviews, previous environmental reports, and/or reviewed documents during records review.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description

The subject property is located at 100 N. Winchester Boulevard in Santa Clara, California (Figure 1). The subject property is situated on the west side of N. Winchester Boulevard approximately 330 feet south of the intersection with Pruneridge Avenue (Figure 2). The San Jose County Assessor's Office identifies the 1-parcel subject property as Assessor's Parcel Number (APN) 303-16-073 (Figure 3).

2.2 Site and Vicinity General Characteristics

The subject property is approximately 84,611 square feet and comprised of one parcel (Figure 2). Parcel 303-16-073 is occupied by one 3-story, 63,578 square foot, multi-tenant commercial office building addressed as 100 N. Winchester Boulevard (Photographs 1 through 4). The subject property is surrounded by residential homes to the west and south, commercial businesses and apartments to the east (Photographs 6), and a Walgreens Pharmacy and parking lot to the north (Photographs 5, to the left). The Parcel was undeveloped or agricultural land prior to 1899, was covered with row crops from circa 1939 to 1956, and was developed with the current office building in 1968. The subject property has been essentially unchanged since 1968.

2.3 Current and Proposed Use of the Property

The entire footprint of the parcel is covered by the building and parking lots on both the west and east sides of the parcel. The 3-story commercial building on the subject property was originally constructed in 1968 and currently has 31 tenants. From circa 1968 to the present, tenants have been primarily medical offices, financial, insurance, or other professional businesses. The interior of the property is covered in landscaping and picnic tables (Photograph 7) and the north and south areas under the building has covered parking (Photograph 8).

PIIE was informed by the Client that the subject property will be redeveloped with residential apartments.

2.4 Description of Structures, Road, and Other Improvements

The subject property is comprised of one rectangular parcel totaling approximately 84,611 square feet. The Parcel dimensions are approximately 488 feet deep and 173 feet wide. According to the San Jose Assessor's Office, the 3-story, multi-tenant building is approximately 65,638 square feet. The building is serviced by two electric elevators located at each end of the building. There are no roads or municipal structures on the subject property. A small parking lot is located in front of the office building adjacent to N. Westchester Boulevard and a large parking area is located at the west end of the subject property behind the office building. Two large electrical transformers are located behind the office building at the north end of the property and small communications boxes with lead acid batteries are located at the southwest and northwest corners of the subject property.

Electricity and natural gas is provided to the subject property by Pacific Gas & Electric Company (PG&E). Municipal water is provided by the Santa Clara Valley Water District and the San Jose Water Company.

2.5 Current Uses of the Adjoining Properties

Three adjacent parcels lie north of the subject property. The eastern-most property to the north is occupied by a Walgreens Drug Store and parking lot at 200 N. Winchester Boulevard (Parcel 081). Immediately west of the Walgreens at 1850 Pruneridge Avenue, Parcel 080 is occupied by the Pertria Apartments. Immediately west of the Pertria Apartments at 1880 Pruneridge Avenue, Parcel 079 is occupied by the Pacific Autism Center for Education. Residential homes are located adjacent to the south border of the property from 2503 to 2553 Fernwood Avenue (Parcels 047 to 032, respectively). Residential homes are located adjacent to the west border of the property from 712 to 740 Jill Avenue (Parcels 035 to 037, respectively). Across N. Winchester Boulevard to the east, 690 N. Winchester Boulevard is occupied by a Dunne-Edwards Retail Paint Center, Fernwood Avenue intersects with N. Winchester from the east, and 706 N. Winchester (APN 274-48-068) is occupied by a 1-story commercial building. The subject property and adjacent parcels are shown on Figures 2 and 3.

3.0 USER PROVIDED INFORMATION

3.1 Title Records

PIIE reviewed the February 28, 2104 Title Report prepared by First American Title Company for the subject property. PIIE understands that the parcel is currently owned by four entities: 1) the SANTANA ATRIUM PROFESSIONAL CENTER, LLC; 2) RUBICON

INVESTMENTS, INC.; 3) DARRYL E. CHAGI AND JULIE CHAGI, TRUSTEES OF THE CHAGI 1998 FAMILY TRUST; and 4) MICHAEL S. NEFF AND PEGGY M. NEFF, TRUSTEES OF THE NEFF FAMILY TRUST..

3.2 Environmental Liens or Activity and Use Limitations

The Environmental Professional is required to search for Activity and Use Limitations (AULs) if such records are available in *"publicly available lists or registries."* Typical AULs include land use restrictions (LURs), institutional controls (ICs), and Engineering Controls (ECs). Typical ICs include: 1) governmental controls such as zoning; 2) proprietary controls such as covenants or easements; 3) enforcement documents such as orders or consent decrees; and 4) information devices such as land record or deed notices. Typical ECs include: 1) passive measures such as vapor barriers and setbacks; 2) active measures such as remediation systems; and 3) monitoring of passive and/or active measures. According to 40 CFR Part 312.26 (b)(7), ICs are to be investigated on the subject property and according to 40 CFR Part 312.26 (b)(6) and (c)(2)(ii), ECs are to be reviewed to a 0.5 mile radius of the subject property. ASTM 1527-13 recommends that ECs be reviewed only for the subject property.

Due to documented site history prior to 1968 and continuous office and retail use since 1968 at the subject property, and no issues of concern identified on any adjoining properties, an Environmental Liens Search was not performed for the subject property.

3.3 Specialized Knowledge

PIIE was not informed of any specialized knowledge associated with the subject property or adjacent properties in the vicinity of the subject property. No information was reviewed during this assessment that suggests potential issues exist at the subject property.

3.4 Commonly Known or Reasonably Ascertainable Information

According to interviews and record review, there is no commonly known or reasonable ascertainable knowledge known regarding the subject property. According to the AAI Questionnaire (Appendix B), no other information is available for the subject property.

3.5 Valuation Reduction for Environmental Issues

No data is known regarding the fair market value of the subject property or that the price of the subject property reflects a reduction due to the fact that contamination is known or believed to be present.

3.6 Owner, Property Manager, and Occupant Information

The subject property is currently owned by four entities and managed by Rubicon Investments, Inc. There are 31 current tenants listed on the Directory at the subject property. Since tenants are primarily small professional offices that rent space, PIIE interviewed Mr. Jason Peiser, a representative of Rubicon Investments, building manager.

3.7 Reason for Performing the Phase I ESA

PIIE has performed this Phase I ESA for due diligence purposes.

3.8 Other

PIIE reviewed available information provided by the State of California Geotracker EnvironStor Databases for the cases in the vicinity of the subject property. According to Geotracker, there are 2 cases within 1,000 feet of the subject property and one case within 660 feet. The regulatory closure letters for the cases at 3030 and 3150 Steven Creek Boulevard and the case at 425 S. Winchester Boulevard (closest to the subject property) are included in Appendix C. All three cases have received full regulatory closure. According to EnviroStor, there is one case within 660 feet of the subject property at 3030 Steven Creek Boulevard. This case is considered redundant with the LUST listing.

4.0 RECORDS REVIEW

Table 1, Records Review, located below lists the majority of the government environmental agency databases PIIE reviewed. This Radius Search is required for a Phase I Environmental Site Assessment. Shaded cells indicate that, in accordance with ASTM 1527-13, the Environmental Database was not searched to the corresponding distance. The database search obtained from Environmental Data Resources, Inc. (EDR) is included as Appendix D. When the subject property, or a nearby property, is listed on a given database, more evaluation is warranted. When locations and distances reported by EDR were observed to be incorrect, PIIE amended the information to provide a more accurate assessment.

Based on the EDR Database Search Report, review of the State EnviroStor and Geotracker databases, and file review at Santa Clara County, file review requests were not warranted with the United States Environmental Protection Agency (USEPA), California EPA – Department of Toxic Substance Control (DTSC), and the San Francisco Bay Regional Water Quality Control Board (RWQCB). Inquiry with these entities is considered redundant and is not considered a data gap.

TABLE 1: RECORDS REVIEW						
Environmental Database	*Subject Site*	*Within 1/8 mile*	*1/8 to 1/4 mile*	*1/4 to 1/2 mile*	*1/2 to 1 mile*	*Total*
National Priority List (NPL)	No	0	0	0	0	0
Proposed NPL	No	0	0	0	0	0
Delisted NPL	No	0	0	0	0	0
NPL Liens	No					0
CERCLIS	No	0	0	0		0
CERCLIS Sites/No Further Remedial Action Planned (NFRAP) Sites	No	0	0	0		0
Resource Conservation and Recovery Act (RCRA) Corrective Action Sites	No	0	0	0	0	0
RCRA Treatment, Storage and Disposal Facilities (TSDF)	No	0	0	0		0
RCRA Large Quantity Generators	No	0	0			0
RCRA Small Quantity Generators	No	3	0			3
RCRA Non-Generators	No	0	0			0
Federal Engineering Controls	No	0	0			0
Federal Institutional Controls	No	0	0			0
Emergency Response Notification System (ERNS) Database	No					0
US Brownsfield	No	0	0	0		0
FUDS	No	0	0	0	0	0
FTTS	No					0
HIST FTTS	No					0
FINDS	**YES**					1
State Contaminant List (Cal-Sites)	No	0	0	1	0	1
Toxic Pits	No	0	0	0	0	0
State Landfill	No	0	0	0		0
WMUDS/SWAT	No	0	0	0		0
Cortese	No	0	0	1		1
Leaking Underground Storage Tank (LUST) Database	No	5*	0	8		13

TABLE 1: RECORDS REVIEW						
Environmental Database	*Subject Site*	*Within 1/8 mile*	*1/8 to 1/4 mile*	*1/4 to 1/2 mile*	*1/2 to 1 mile*	*Total*
CA FID UST	No	1	0			1
SLIC	No	0	0	0		0
Underground Storage Tank Database	No	0	0			0
Historical UST	No	3	2			5
SWEEPS UST	No	2	0			2
Notify 65	No	0	0	0	0	0
Aboveground Storage Tank Database	No	0	0			0
California Hazardous Materials Information Reporting System (CHMIRS)	No					0
DEED	No	0	0	1		1
Voluntary Cleanup Program	No	0	1	0		1
DRYCLEANERS	No	0	1			1
RESPONSE	No	0	0	1	0	1
HazNet	**YES**					1
EMI	No					0
Indian LUST	No	0	0	0		0
Indian UST	No	0	0			0
ENVIROSTOR	No	0	1	1	1	3

Note: One LUST Case was accidently included within 660 feet of the subject property

4.1 Standard Environmental Record Sources

The subject property was not identified on any of the researched government databases. Additional information about database listings within 0.125 mile (660 feet) is included in Sections 4.1.1 through 4.1.3.

4.1.1 Leaking Underground Storage Tank (LUST) Database

The Leaking Underground Storage Tank (LUST) Database contains sites that have had unauthorized releases of hazardous materials from underground storage tanks (USTs). The California Regional Water Quality Control Board (RWQCB) maintains this database. Based on the findings of the Lawrence Livermore Study, performed for the California State Resources Control Board to improve and streamline its Leaking

Underground Storage Tank Guidelines, PIIE does not consider petroleum hydrocarbon sites further than 0.125 mile (660 feet) from the subject property to be significant when assessing potential offsite impacts. Specifically, the Lawrence Livermore Study found that 90 percent of benzene (a carcinogenic and highly mobile constituent of gasoline) plumes typically extend no further than 250 feet from the source and the majority of the plumes extend less than 100 feet from the source. Thus, it is PIIE's practice to review only LUST sites located within 0.125 mile (660 feet) of the subject property. The Radius Report lists five sites on the LUST database within 0.125 mile of the subject property. The two most recent cases relative to the subject property, 690 and 824 N. Winchester Boulevard, have both been granted closure status by the lead regulatory agency and the RWQCB, and copies of the closure letters are included in Appendix C. The closest historical LUST case was located at 125 N. Winchester Boulevard at what is currently 706 N. Winchester Boulevard. The Deciduous Fruit Field Station, associated with the University of California at Davis, formerly had three 1,000-gallon fuel tanks removed from 1970 to 1978. Based on the age and the former contents of these three tanks, they are no longer considered recognized environmental concerns (RECs) or a historical REC (HREC). The case at 780 N. Winchester Boulevard, 167 feet north-northeast, was granted closure status by the lead regulatory agency and the RWQCB in 1995. The former Mobil Service Station at 230 N. Winchester Boulevard, 200 feet north-northeast, was granted closure status by the lead regulatory agency and the RWQCB in April 1998.

Due to the closed status of these sites, former tank contents, and/or the distance of the sites from the subject property ranging from 50 to 650 feet, it is considered unlikely that constituents originating from these sites could migrate to the subject property.

4.1.2 FINDS Database

The subject property appeared on the Facility Index System/Facility Registry System (FINDS) government agency database reviewed by PIIE. Specifically, Nextel of California, a former tenant at the Santana Atrium Professional Center, was listed on the FINDS database. The FINDS database provides basic information about each facility and a listing of its ID Numbers in other USEPA databases. The subject property is listed on this database as it has been identified on the HazNet database; therefore, this listing is deemed redundant.

4.1.3 HazNet Database

The HazNet database is a database that extracts data from hazardous waste manifests received each year by the California Environmental Protection Agency (Cal-EPA), Department of Toxic Substance Control (DTSC). This site is only searched for the subject property. The subject property is listed on this database under the following business name(s): Best Chiropractic Inc., and San Jose Type. According to the EDR Report, Best Chiropractic Inc. generated 0.4586 tons (917 pounds) of photo-processing

/ photochemical wastes from 1993 to 1995 that were recycled under hazardous waste manifest. In 1995, San Jose Type generated 0.1876 tons (917 pounds) of photo-processing / photochemical wastes that was recycled under hazardous waste manifest. Because if the type of wastes and that the wastes were properly disposed under manifest, it is PIIE's opinion that the waste generated at the subject property poses a low potential to impact the environment.

4.1.4 Other Sites of Potential Environmental Concern

PIIE reviewed the EDR Radius Report for other potential environmental concerns and did not identify any other sites of potential concern within 0.5 miles.

4.2 Additional Environmental Record Sources

Based on the lack of sites of concern within 0.5 mile radius of the subject property, and the lack of sites of concern identified in the Geotracker database, and historical property use in the vicinity of the subject property, no additional review is warranted. All relevant information from the reviewed sources is discussed elsewhere in the Report.

4.3 Physical Setting Sources(s)

The subject property lies at approximately 119 feet above mean sea level within the Stevens Creek Valley flood plain (Santa Clara Valley Groundwater Basin) between the Diablo Mountains to the east and the Santa Cruz Mountains to the west. Several faults bound the Santa Cruz Mountains and intersect Stevens Creek. The northern portion is drained by the Stevens Creek and its tributaries. The Santa Clara Valley Groundwater Basin is filled by valley floor alluvium and the Santa Clara Formation. Soil boring logs indicate that the subject property is underlain primarily by silt, silty sand, and well graded sand with silt and gravel. The reported groundwater flow direction in the vicinity of the subject property is northwest to northeast at relatively shallow gradient approximating 0.002 foot per foot. Groundwater is generally encountered a minimum of 68 feet below ground surface.

4.4 Historical Use Information on the Property

PIIE reconstructed a brief history of the subject property through a review of historical Topographic maps; Sanborn Fire Insurance Maps®, the EDR City Abstract; historical aerial photographs provided by EDR; and other available documents. A summary of historical sources can be found in Section 12.0 of this Report with pertinent reports available in Appendices D through H.

100 N. Winchester Boulevard (Parcel 073)

Circa 1899 to 1956	According to historical topographic maps and aerial photographs, Parcel 073 was undeveloped or occupied by agricultural row crops. Winchester Boulevard and Pruneridge Avenue are visible in 1953 but little development is shown adjacent to them. Row crops are visible on the subject property in aerial photographs in 1939, 1948, and 1956 and row crops are visible on the 1953 historical topographic map.
Circa 1956 to circa 1968	According to historical topographic maps and aerial photographs, the subject property was occupied by row crops or vacant. The Site is vacant in the 1961 topographic map and used for automobile parking in the 1968 aerial photograph.
Circa 1968 to Present	According to City Assessor records, City Directory records, aerial photographs, and visual observations during the site reconnaissance, the subject property was occupied by the current office building. Records indicate the building was constructed in 1968.

4.5 Historical Use Information on the Adjoining Properties

200 N. Winchester and 1850-1880 Pruneridge (Properties to the North)

Circa 1899 to 1956	According to historical topographic maps and aerial photographs, these properties were undeveloped or occupied by agricultural row crops. Winchester Boulevard and Pruneridge Avenue are visible in 1953 but little development is shown adjacent to them prior to 1956. Row crops are visible on this parcel in aerial photographs in 1939, 1948, and 1956 and row crops are visible on the 1953 historical topographic map. According to historical topographic maps and aerial photographs, the subject property was occupied by row crops till 1956.
Circa 1956 to circa 1980	According to historical topographic maps and aerial photographs, Parcels 079 and 080 are under development circa 1968. The subject property is now seen as is and several small buildings that resemble a small shopping center are visible on Parcel 081 at 200 N. Winchester. The property at 1850 Pruneridge is vacant in 1968 and was developed with the current Pertria Apartments in 1978. Several small buildings are visible on 1880 Pruneridge in 1968 and the current building is visible in 1980.
Circa 1980 to Present	According to City Assessor records, City Directory records, historical topographic maps, aerial photographs, and visual observations during

the site reconnaissance, properties at 1850 and 1880 Pruneridge Avenue exist as they do today. In the 1993 aerial photograph, the current Walgreens Drug Store building is visible.

2503-2553 Fernwood Avenue (Properties to the South)

Circa 1899 to Circa 1956	According to historical topographic maps and aerial photographs, these properties were undeveloped or occupied by agricultural row crops. Winchester Boulevard and Pruneridge Avenue are visible in 1953 but little development is shown adjacent to them prior to 1956. Row crops are visible on this parcel in aerial photographs in 1939 and 1948. According to the 1956 aerial photograph, residences are present along the entire length of Fernwood Avenue.
Circa 1956 to circa 1998	According to aerial photographs, the two properties at 2503 and 2509 Fernwood Avenue were vacant but the remaining residential homes from 2517 to 2553 Fernwood Avenue are visible.
Circa 1998 to Present	According to City Assessor records, City Directory records, historical topographic maps, aerial photographs, and visual observations during the site reconnaissance, the residential homes at 2503 and 2509 Fernwood Avenue were replaced circa 1998 and Fernwood Avenue exists as it does today.

690 to 706 N. Winchester Boulevard (Properties to the East Across N. Winchester)

Circa 1899 to Circa 1956	According to historical topographic maps and aerial photographs, these properties were undeveloped or occupied by agricultural row crops. Winchester Boulevard and Pruneridge Avenue are visible in 1953 but little development is shown adjacent to them prior to 1956. Row crops are visible on this parcel in aerial photographs in 1939 and 1948 and in the 1953 topographic map. According to the 1956 aerial photograph, the property at 706 N. Winchester is vacant and residences are present along Fernwood Avenue up to N. Winchester.
Circa 1956 to circa 1993	According to aerial photographs, residences are present along Fernwood Avenue up to N. Winchester and the current commercial building at 706 N. Winchester is first seen in 1993, and residences are present to the east along Fernwood Avenue. The Valley Manor Apartments at 770 N. Winchester is visible in 1968 that appear to be part of the general redevelopment of the intersection of Pruneridge Avenue and N. Winchester Boulevard. The Dunn-Edwards Paint Store at 690 N. Winchester Boulevard is first visible in 1974.

Circa 1993 to Present	According to City Assessor records, City Directory records, historical topographic maps, aerial photographs, and visual observations during the site reconnaissance, the commercial building at 706 N. Winchester, the Valley Manor Apartments at 770 N. Winchester, and the Dunn-Edwards Paint Store at 690 N. Winchester Boulevard exist as they do today.

712 to 740 Jill Avenue (Properties to the West)

Circa 1899 to Circa 1956	According to historical topographic maps and aerial photographs, these properties were undeveloped or occupied by agricultural row crops. Winchester Boulevard and Pruneridge Avenue are visible in 1953 but little development is shown adjacent to them prior to 1956. Row crops are visible on this parcel in aerial photographs in 1939 and 1948 and in the 1953 historical topographic map. According to the 1956 aerial photograph, residences are present along the entire length of Fernwood Avenue.
Circa 1956 to Present	According to City Assessor records, City Directory records, historical topographic maps, aerial photographs, and visual observations during the site reconnaissance, the residential homes at 712 to 740 Jill Avenue, as well as the other residential homes along Jill Avenue and to the west, exist as they do today.

5.0 SITE RECONNAISSANCE

The goal of the site reconnaissance is to obtain information indicating the likelihood of identifying RECs in connection with the subject property. The subject property is visually observed and any structures located on the property are observed to the extent not obstructed by bodies of water, adjacent buildings, and/or other obstructions.

5.1 Methodology and Limiting Conditions

The exterior site reconnaissance was performed by walking open areas of the property in a grid fashion. Special attention was given to observe surfaces adjacent to the structures and sidewalks, surfaces in storage areas, and potential conduits to the subsurface such as drains and sumps. The interior site reconnaissance was performed by systematically observing each room and open space of the property. Additional attention was given to doors, utility rooms, storage areas, and areas where hazardous materials were used or stored.

5.2 General Site Setting

On April 10, 2014, PIIE Environmental Assessor and California Professional Geologist, Mr. David DeMent, conducted a site reconnaissance at the subject property. Mr. DeMent was accompanied by Mr. Jason Peiser with Rubicon Investments, Inc., property manager for the property owner. PIIE inspected all tenant spaces, each floor of the building, bathrooms, and utility rooms. PIIE observed no evidence of debris, distressed vegetation, or illegal dumping. The following is a checklist of features that were specifically searched for during the Site reconnaissance:

Feature	Observed	Not Observed
Existing structures		X
Evidence of past uses (foundations, debris, roads)		X
Hazardous substances and/or petroleum products		X
Aboveground storage tanks (ASTs) or evidence of ASTs		X
Underground storage tanks (USTs) or evidence of USTs		X
Strong, pungent, or noxious odors		X
Pools of liquid likely to be hazardous materials or petroleum products		X
Drums		X
Unidentified substance containers		X
PCB-containing equipment		X
Subsurface hydraulic equipment		X
Heating/ventilation/air conditioning (HVAC)		X
Stains on walls or ceilings		X
Floor drains and sumps		X
Pits, ponds or lagoons, drainage channels		X
Agricultural Area(s)		X
Stained soil and/or pavement		X
Distressed vegetation		X
Waste or wastewater discharge to surface or surface waters on subject property (including stormwater)		X
Wells (irrigation, domestic, dry, injection, abandoned, monitoring)		X
Septic systems		X

5.3 Exterior Observations

Evidence was found of the presence of the following items during the site reconnaissance of the exterior of the subject property. Below is a discussion of the item(s) found:

5.3.1 Stormwater Drains

PIIE observed several stormwater drains in the parking lot east and west of the building (Photograph 9). The storm drains contained water, did not display any odors, and no staining was observed in the vicinity of the storm drains. Based on the condition of the

floor drains and the good condition of the parking lot surfaces in the vicinity of the drains, PIIE believes that they do not constitute an environmental concern.

5.3.2 Electrical Transformers

PIIE observed several electrical transformers in the parking lot at the northwest corner of the office building (Photograph 10). The electrical transformers appeared to be in excellent condition, appeared to be dry transformers, and no staining was observed in the vicinity of the transformers. Based on the type and condition of the transformers, PIIE believes that they do not constitute an environmental concern.

5.3.3 Waste Fluorescent Bulbs

PIIE observed approximately 100+ fluorescent bulbs being stored in the outside garbage bin at the rear of the property (Photograph 11). The waste bulbs appear to be waiting for special disposal. Based on intact asphalt pavement under the waste bulbs, PIIE believes that they do not constitute an environmental concern.

5.4 Interior Observations

During site reconnaissance, PIIE inspected all private spaces on each of the three floors. PIIE generally observed the occupied tenant spaces but did not enter any occupied offices. Small quantities of typical household lubricants and cleaning chemicals were observed in the janitor closets and eight 5-gallon paint buckets were observed (Photograph 12). No other concerns were noted.

During the site reconnaissance of the interior and exterior of the two residential buildings, evidence was found of suspect Asbestos Containing Building Materials (ACBM). A discussion of ACBM follows in Section 5.5.

5.4.1 Electric Elevators

PIIE observed one electric elevator at each end of the office building. According to Mr. Peiser, the elevators are electric and do not utilize hydraulic fluid. Based on the type of elevator, PIIE believes that they do not represent an environmental concern.

5.5 Non-Scope Items

The following non-scope items were included as part of this Report based on readily available information that was reviewed or site reconnaissance observations.

Suspect Asbestos Containing Building Materials

PIIE did not specifically identify any suspect asbestos containing building materials (ACBM) in the building. Federal regulations require that both friable and non-friable suspect ACBM be sampled and analyzed for the presence of asbestos prior to any renovation or demolition activities which may disturb the materials (40 CFR Part 61). PIIE did not perform any sampling as part of this Phase I Environmental Site Assessment.

Suspect Lead-Based Paint

The subject property contains one structure erected prior to 1979 which may have painted surfaces that meet the definition of lead-based paint (LBP), defined differently by various agencies. The Consumer Product Safety Commission prohibits the use of more than 600 parts per million (ppm) of lead in new paint for residential use. The United States Housing and Urban Development (HUD) use a cutoff of 0.5% lead by weight or 1.0 milligram per square centimeter (mg/cm^2). Lead paint waste disposal regulated by California EPA uses a definition of 350 ppm total lead by volume, and 5 milligram per liter soluble lead, though intact painted components are generally not regulated as hazardous waste. There are state and federal occupational safety and health (OSHA) regulations and HUD guidelines that are designed to protect residents and workers who disturb LBP. A lead based paint survey performed by a California Certified Lead Inspector is recommended if construction work is performed that disturbs the painted surfaces by such means as manual demolition, sanding, or scraping.

Vapor Intrusion

In accordance with ASTM E 2600-08, PIIE screened the subject property for a potential vapor intrusion condition (pVIC). A vapor intrusion condition is defined by ASTM E 2600-08 as “the presence or likely presence of any chemicals of concern in the indoor air environment of existing or planned structures on a property cased by the release of vapor from contaminated soil or groundwater on the property or within close proximity to the property, at a concentration that presents or may present an unacceptable health risk to occupants.” Vapor intrusion is an indoor air quality condition that occurs when evaporating chemicals migrate from polluted soil and groundwater in the form of hazardous vapors into overlying buildings.

Based on documented Site history, the lack of documented subsurface impacts on the subject property and adjacent properties, and no documented or suspect sources of volatile constituents on or within 100 feet of the subject property, PIIE contends that a low to negligible pVIC exists at the subject property. The Dunn-Edwards Paint Store is located approximately 100 feet west across N. Winchester Boulevard; however, residential homes are located adjacent to the Dunn-Edwards Store on all sides and no vapor intrusion issues are suspected.

Radon

No radon survey was conducted. According to the State of California Department of Health Services *Radon Database for California*, May 2010, 83 tests were conducted in the City of Santa Clara. Of the 83 tests, one test reported results equal to or greater than 4 picocuries per liter (pC/L), the US Environmental Protection Agency (USEPA) action level. In zip code 95050, 18 tests were conducted and one radon test result was above 4 pC/L. Based on these test results, other low test results in the City of Santa Clara, and soil conditions in the vicinity of the subject property, radon is not considered an environmental concern at the subject property.

6.0 INTERVIEWS

6.1 Interview with Owner

PIIE did not interview the Owner.

6.2 Interview with Property Manager

Mr. Jason Peiser, representative of Rubicon Investments, Inc., manages the building. Mr. Peiser confirmed that to his knowledge, no hazardous materials or chemicals have been used or are being stored in the building.

6.3 Interviews with Occupants

Due to confidentiality, PIIE did not interview any tenants or occupants. The Building Directory currently lists 31 professional tenants which are primarily medical offices, financial firms, and insurance firms.

6.4 Interviews with Local Government Officials

Due to the lack of any nearby regulatory cases of concern, PIIE did not interview any government officials.

6.5 Interviews with Others

With the exception of Mr. Peiser (Section 6.2), PIIE did not perform any interviews with others regarding the subject property.

7.0 FINDINGS

During this assessment, PIIE did not identify any significant environmental concerns.

PIIE observed two utility lockers in the western portion of the property adjacent to the parking lot. According to a Hazardous Materials Management Plan on file at the Mountain View Fire Department, one or both of the utility lockers contain lead-acid batteries associated with communication backup capability. The utility lockers appear to be in excellent condition and potential environmental concerns associated with the lead-acid batteries are low. According to Mr. Peiser, two janitor closets at the office building contain small amounts of cleaning chemicals and paint. Based on the type and quantity of these materials, PIIE believes these materials do not represent an environmental concern.

Within 0.5 mile of the subject property, there are several sites with documented historic releases of hazardous substances and/or petroleum products. However, there is no evidence or reasonable professional opinion that any nearby sites are impacting the subject property, especially sites within 660 feet.

7.1 Data Gaps

PIIE was unable to interview the previous owner(s) of the subject property. It is PIIE's opinion that the lack of this information does not pose a significant data gap due to historic site use information provided by the current owner. There were several gaps in available historical maps or photographs: 1) Historical topographic maps were not available from 1899 to 1953; 2) aerial photographs were not available prior to 1939, and Sanborn® Insurance Maps were not available for the subject site. It is PIIE' opinion that the lack of this information does not pose any significant data gaps, and other available data sources and reasonable professional assessment confidently document historical site use at the subject property.

7.2 Continuing Obligations

Continuing obligations start on the date that a landowner acquires title to a property. The landowner must: 1) comply with land use restrictions and institutional controls; 2) take "reasonable" steps with respect to hazardous substances releases; 3) provide full cooperation, assistance and access to persons that are authorized to conduct response actions or natural resource restoration; 4) comply with information requests and administrative subpoenas; and 5) provide all legally required notices. Continuing obligations must be satisfied to maintain liability protection under CERCLA for innocent landowners, bona fide prospective purchasers, and contiguous property owners.

PIIE is not aware of any continuing obligations.

8.0 OPINION

File review and documented site history indicates that the subject property was agricultural prior to 1956, and the current building was constructed in 1968. The building was

designed as a professional office building and the majority of the tenants have been medical offices, financial or insurance firms, and retail office operations with little potential to impact the subsurface. Chemical use or storage in the building is not suspected and the small quantities of photo-processing / photochemical wastes recycled by former chiropractic offices were properly handled.

The subject property was covered with row crops and/or orchards from circa 1939 to 1956 so there is a potential for residual pesticide impacts in shallow soil. However, since 58 years have elapsed since the last known agricultural use and numerous residential developments are located in close proximity to the subject property, the potential is low that pesticide residues are present above currently accepted residential action levels.

Housekeeping practices at the office building are excellent and parking lot surfaces are exceptionally clean.

There is no available information to suggest that the subject property has been adversely impacted by historic site use. No contaminant plumes were identified with any potential to extend to the subject property from any offsite source(s).

9.0 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 for the 1-Parcel subject property in Santa Clara, California. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this Report.

This assessment has revealed <u>no</u> Recognized Environmental Conditions (REC), <u>no</u> historical RECs (HRECs), and <u>no</u> controlled RECs (CRECs) in connection with the subject property.

Based on visual observations, the history of the subject property, and documents reviewed regarding contaminated sites within 0.5 mile of the subject property, PIIE does not recommend any further investigation.

PIIE recommends that all used fluorescent bulbs, paint, and miscellaneous chemicals be property disposed or recycled as feasible, including any paint or chemicals used by individual tenants.

Specific records should be maintained to preserve potential CERCLA defense and liability protection. The relative importance of record keeping depends on whether the User is a Prospective Purchaser, Lending Institution, or Seller.

10.0 DEVIATIONS

PIIE did not evaluate the purchase price versus property value as PIIE is not qualified to evaluate this issue.

11.0 ADDITIONAL SERVICES

No additional services were performed in conjunction with this Phase I ESA. PIIE briefly discussed suspect ACBM, lead-based paint, and radon for informational purposes only, and no sampling was performed.

12.0 REFERENCES

EDR City Directory: 1975-2000 (subject property), 1955-2013 (adjoining properties).

Historic Topographic Maps: 1899, 1953, 1961, 1968, 1973, and 1980.

Historic Sanborn® Fire Insurance Maps: No Coverage.

Aerial Photographs: 1939, 1948, 1956, 1968, 1974, 1980, 1993, 1998, 2005, 2006, 2009, 2010, and 2012.

The following governmental agencies were evaluated and/or contacted, and websites reviewed, to obtain the information in this report:

Jurisdiction	Agency
Federal	U.S. Environmental Protection Agency, Region IX
State and Regional	State of California Environmental Protection Agency, Department of Toxic Substances Control, Berkeley Regional Water Quality Control Board, Region 2
County and Local	Santa Clara County Assessor's Office Santa Clara County Environmental Health Department Santa Clara County Planning Department Santa Clara County Building Department Santa Clara Fire Department

Websites:

http://www.envirostor.dtsc.ca.gov/public/
http://www.geotracker.swrcb.ca.gov/

Interviews:

Mr. Jonathan Stone, Prometheus Real Estate Group
Mr. Jason Peiser, Rubicon Investments, Inc., Property Manager

13.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONAL

I declare that to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional as defined in §312.21 of 40 CFR Part 312 and have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared by: _____
David R. DeMent, PG 5874
Senior Geologist

14.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Pursuant to 40 CFR 10 and according to 40 CFR Part 312, the Environmental Professionals listed in Section 13.0 possess sufficient education, training, and experience necessary to exercise the professional judgment to develop the opinions and conclusions regarding conditions indicative of releases or threatened releases on, at, in or to a property, sufficient to meet the objectives and performance factors in §312.20(e) and (f). See Appendix I for a resume on the following individual:

David R. DeMent

FIGURES

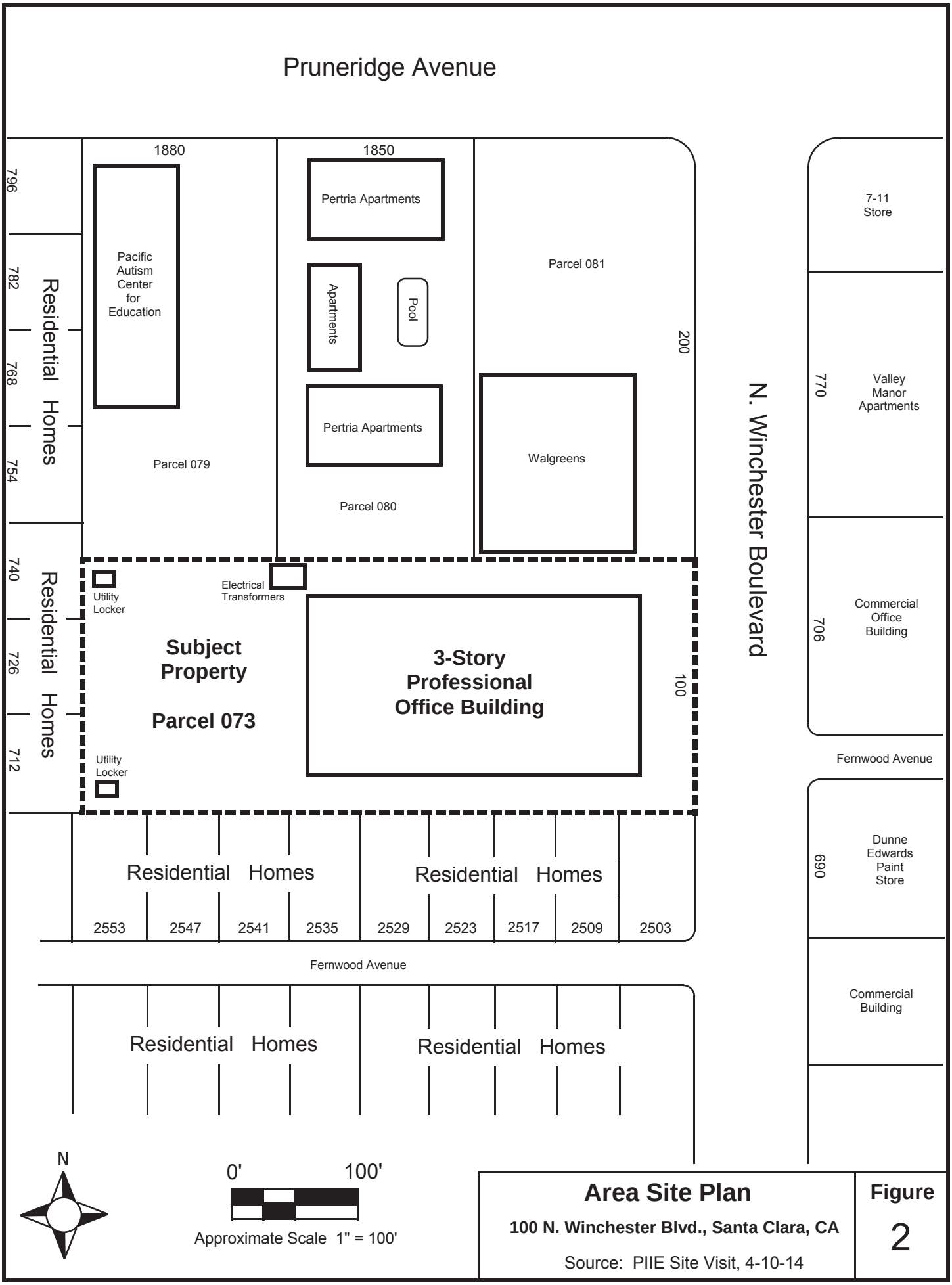
Historical Topographic Map

N

Scale 1:24,000

Location Map	Figure
100 N. Winchester Blvd., Santa Clara, CA Source: Historical Topographic Map, 1980 San Jose West Quadrangle	1

PII Environmental



Area Site Plan

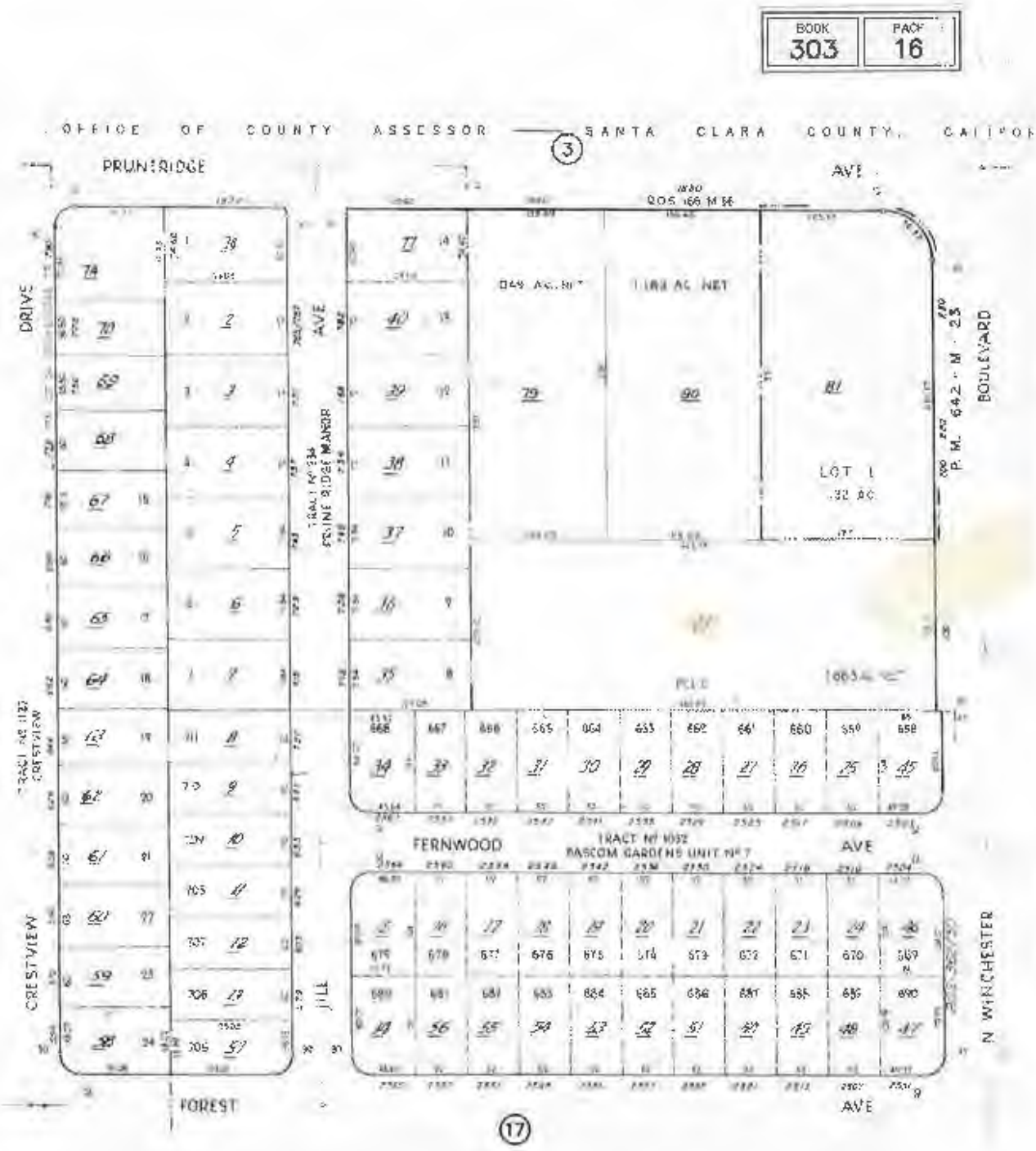
100 N. Winchester Blvd., Santa Clara, CA

Source: PIIE Site Visit, 4-10-14

Figure

2

PII Environmental



N

Assessor's Map

100 N. Winchester Blvd., Santa Clara, CA

Source: Santa Clara County Assessor's Office

Figure 3

PII Environmental

Google earth feet 500 meters 100

Google earth feet 2000 meters 600

N

Aerial Map

100 N. Winchester Blvd., Santa Clara, CA

Source: Google Earth

Figure

4

PII Environmental

Appendix E

= **Subject Site Boundary**

1939 AERIAL PHOTOGRAPH	**Scale:** 1" = 500'	**Date:** March 2015	Krazan
SANTANA ATRIUM SENIOR APARTMENTS **100 N. WINCHESTER BOULEVARD** **SANTA CLARA, CALIFORNIA 95050**	**Drawn By:** BV	**Approved by:** BV	**SITE DEVELOPMENT ENGINEERS** ***Offices Serving the Western United States***
	Project No. 034-15013	**Source:** EDR	

= **Subject Site Boundary**

1948 AERIAL PHOTOGRAPH	**Scale:** 1" = 500'	**Date:** March 2015	Krazan
SANTANA ATRIUM SENIOR APARTMENTS **100 N. WINCHESTER BOULEVARD** **SANTA CLARA, CALIFORNIA 95050**	**Drawn By:** BV	**Approved by:** BV	**SITE DEVELOPMENT ENGINEERS** ***Offices Serving the Western United States***
	Project No. 034-15013	**Source:** EDR	

= **Subject Site Boundary**

1950 AERIAL PHOTOGRAPH	**Scale:** 1" = 500'	**Date:** March 2015	Krazan **SITE DEVELOPMENT ENGINEERS** ***Offices Serving the Western United States***
SANTANA ATRIUM SENIOR APARTMENTS 100 N. WINCHESTER BOULEVARD SANTA CLARA, CALIFORNIA 95050	**Drawn By:** BV	**Approved by:** BV	
	Project No. 034-15013	**Source:** EDR	

= **Subject Site Boundary**

1956 AERIAL PHOTOGRAPH	**Scale:** 1" = 500'	**Date:** March 2015	Krazan **SITE DEVELOPMENT ENGINEERS** ***Offices Serving the Western United States***
SANTANA ATRIUM SENIOR APARTMENTS 100 N. WINCHESTER BOULEVARD SANTA CLARA, CALIFORNIA 95050	**Drawn By:** BV	**Approved by:** BV	
	Project No. 034-15013	**Source:** EDR	

= **Subject Site Boundary**

1968 AERIAL PHOTOGRAPH	**Scale:** 1" = 500'	**Date:** March 2015	Krazan **SITE DEVELOPMENT ENGINEERS** ***Offices Serving the Western United States***
SANTANA ATRIUM SENIOR APARTMENTS 100 N. WINCHESTER BOULEVARD SANTA CLARA, CALIFORNIA 95050	**Drawn By:** BV	**Approved by:** BV	
	Project No. 034-15013	**Source:** EDR	

= **Subject Site Boundary**

1974 AERIAL PHOTOGRAPH	**Scale:** 1" = 500'	**Date:** March 2015	Krazan
SANTANA ATRIUM SENIOR APARTMENTS **100 N. WINCHESTER BOULEVARD** **SANTA CLARA, CALIFORNIA 95050**	**Drawn By:** BV	**Approved by:** BV	**SITE DEVELOPMENT ENGINEERS** ***Offices Serving the Western United States***
	Project No. 034-15013	**Source:** EDR	

= **Subject Site Boundary**

1982 AERIAL PHOTOGRAPH	**Scale:** 1" = 500'	**Date:** March 2015	Krazan
SANTANA ATRIUM SENIOR APARTMENTS **100 N. WINCHESTER BOULEVARD** **SANTA CLARA, CALIFORNIA 95050**	**Drawn By:** BV	**Approved by:** BV	**SITE DEVELOPMENT ENGINEERS** ***Offices Serving the Western United States***
	Project No. 034-15013	**Source:** EDR	

= **Subject Site Boundary**

1993 AERIAL PHOTOGRAPH	**Scale:** 1" = 500'	**Date:** March 2015	Krazan
SANTANA ATRIUM SENIOR APARTMENTS **100 N. WINCHESTER BOULEVARD** **SANTA CLARA, CALIFORNIA 95050**	**Drawn By:** BV	**Approved by:** BV	**SITE DEVELOPMENT ENGINEERS** ***Offices Serving the Western United States***
	Project No. 034-15013	**Source:** EDR	

= **Subject Site Boundary**

1998 AERIAL PHOTOGRAPH	**Scale:** 1" = 500'	**Date:** March 2015	Krazan
SANTANA ATRIUM SENIOR APARTMENTS **100 N. WINCHESTER BOULEVARD** **SANTA CLARA, CALIFORNIA 95050**	**Drawn By:** BV	**Approved by:** BV	**SITE DEVELOPMENT ENGINEERS** ***Offices Serving the Western United States***
	Project No. 034-15013	**Source:** EDR	

= **Subject Site Boundary**

2005 AERIAL PHOTOGRAPH	**Scale:** 1" = 500'	**Date:** March 2015	Krazan
SANTANA ATRIUM SENIOR APARTMENTS **100 N. WINCHESTER BOULEVARD** **SANTA CLARA, CALIFORNIA 95050**	**Drawn By:** BV	**Approved by:** BV	**SITE DEVELOPMENT ENGINEERS** ***Offices Serving the Western United States***
	Project No. 034-15013	**Source:** EDR	

= **Subject Site Boundary**

2012 AERIAL PHOTOGRAPH	**Scale:** 1" = 500'	**Date:** March 2015	Krazan
SANTANA ATRIUM SENIOR APARTMENTS **100 N. WINCHESTER BOULEVARD** **SANTA CLARA, CALIFORNIA 95050**	**Drawn By:** BV	**Approved by:** BV	**SITE DEVELOPMENT ENGINEERS** ***Offices Serving the Western United States***
	Project No. 034-15013	**Source:** EDR	

Appendix F

Santana Atrium Property
100 N. Winchester Boulevard
Santa Clara, CA 95050

Inquiry Number: 4211656.3
February 18, 2015

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

2/18/15

Site Name:	**Client Name:**
Santana Atrium Property	Krazan & Associates, Inc.
100 N. Winchester Boulevard	4320 Orange Grove Avenue
Santa Clara, CA 95050	Sacramento, CA 95841
EDR Inquiry # 4211656.3	Contact: Bill Vick

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Krazan & Associates, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name:	Santana Atrium Property
Address:	100 N. Winchester Boulevard
City, State, Zip:	Santana Clara, CA 95050
Cross Street:	
P.O. #	NA
Project:	034-15013
Certification #	12A0-4DF0-A2F0

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results
Certification # 12A0-4DF0-A2F0

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Appendix G

Krazan & ASSOCIATES, INC.

GEOTECHNICAL ENGINEERING • ENVIRONMENTAL ENGINEERING
CONSTRUCTION TESTING & INSPECTION

PHASE I ENVIRONMENTAL SITE ASSESSMENT
PROPERTY OWNER INTERVIEW QUESTIONNAIRE

Date: February 20, 2015 By: Bill Vick

Project No: 034-15013 Project Name: Santana Atrium Senior Apartments

Site Address: 100 N. Winchester Boulevard, Santa Clara, CA 95050 (APN 303-16-073)

Interview With: Michael S. Peiser

Telephone No: 925-937-2130 Fax No: 925-938-4835

Knowledge of Previous Owner(s) and Phone Number? N.A.

How are you associated with the subject site? Property Manager

How long have you been associated with the subject site? 11/07

What is the subject site currently used for? office building

Are there structures on the subject site? yes How Many? one

Do you know of any previous structures on the subject site? No

Do you have any current or past knowledge of the presence of underground or aboveground storage tanks being located on the subject site? No Knowledge

Do you know of any chemicals, hazardous materials, and/or persistent pesticides/herbicides being used, stored or discharged on the subject site? No Knowledge

Do you know of any buried materials such as garbage dumps or burn pits located on the subject site? No Knowledge

Are there currently or were there historically any septic systems? Yes No
If yes, how many? No Knowledge

Are there currently or were there historically any water wells located on the subject site? Yes No
If yes, how many? No Knowledge

Are there currently or were there historically any dry wells located on the subject site? Yes No No Knowledge

Are there currently or were there historically any monitoring wells located on the subject site? Yes No
No Knowledge

Are there any drainage or disposal ponds located on the subject site? No Knowledge

Is the subject site connected to municipal water and sewer systems? yes

Do you have obvious indications pointing to the presence or likely presence of contamination of the subject site?
No Knowledge except for possible asbestos in some floor tile material

Do you have any concerns about adjacent property usage such as gasoline stations, industrial uses, or USTs/ASTs on adjacent properties? No

Are you aware of any environmental cleanup liens against the subject site that are filed or recorded under federal, tribal, state, or local law?
No Knowledge

Are you aware of any activity use limitations (AULs) such as engineering controls, land use restrictions, or institutional controls that are in place at the subject site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?
No Knowledge

Do you have any specialized knowledge or experience related to the subject site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the subject site or an adjacent property so that you would have specialized knowledge of the chemicals and processes used by this type of business?
No

Does the purchase price being paid for the subject site reasonably reflect the fair market value of the subject site? Yes
No

Do you know the past uses of the subject site? If so, briefly explain.
No Knowledge

Do you know of specific chemicals that are present or once were present at the subject site?
If so, briefly explain.
No Knowledge

Do you know of spills or other chemical releases that have taken place at the subject site?
If so, briefly explain.
No Knowledge

Do you know of any environmental cleanups that have taken place at the subject site?
If so, briefly explain. No Knowledge

What is the reason for preparation of this Phase I ESA? (Property purchase/sale; bank loan; proposed development; etc.)
Sale of subject property

Name: Michael S. Peiser
(Please Print)

Date: 2/23/15

Signature: [signature]

Appendix H

August 17, 1998

Mr. John Edwards
Dunn-Edwards Paints
4885 East 52nd Place
Los Angeles, CA 90040

Dear Mr. Edwards:

Subject: Fuel Leak Site Case Closure—Dunn-Edwards Paints, 690 North Winchester Boulevard, San Jose, CA; Case No. 07S1W14D01f

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Santa Clara Valley Water District is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject petroleum hydrocarbon leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Free product exists intermittently in perched groundwater beneath the site. A Notice of Environmental Restriction and Covenant has been attached to the deed for this property. A copy of this document is attached to the enclosed case closure summary.

If you have any questions, please call Mr. Peter Thiemann at the Camden Office, (408) 927-0710, extension 2651. Thank you.

Sincerely,

ORIGINAL SIGNED BY

James S. Crowley, P.E.
Special Programs Engineer
Leaking Underground Storage Tank Oversight Program

Enclosures:
1. Case Closure Letter
2. Case Closure Summary

cc: Mr. Chuck Headlee (w/enc)
Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

Ms. Nancy Commoncho
Division of Clean Water Programs
Underground Storage Tank Cleanup Fund
State Water Resources Control Board
P.O. Box 944212
Sacramento, CA 94244-2120

Mr. Dan Firth
Hazardous Materials Division
San Jose Fire Department
4 North Second Street, Suite 1100
San Jose, CA 95113-1305

Mr. Steve Mizera (w/enc)
Division of Clean Water
State Water Resources Control Board
P.O. Box 944212
Sacramento, CA 94244-2120

Ms. Julia Caporgno
Department of City Planning and Building
City of San Jose
801 North First Street
San Jose, CA 95110

Mr. Gary Lynch
Environmental Services Department
City of San Jose
777 North First Street, Suite 450
San Jose, CA 95112

J. Crowley, P. Thiemann (w/orig enc), Database (w/enc)

PT:lcg:FL9482uu

ok / 9/1/98

August 17, 1998

Mr. John Edwards
Dunn-Edwards Paints
4885 East 52nd Place
Los Angeles, CA 90040

Dear Mr. Edwards:

Subject: Fuel Leak Site Case Closure—Dunn-Edwards Paints, 690 North Winchester Boulevard, San Jose, CA; Case No. 07S1W14D01f

This letter confirms the completion of a site investigation and remedial action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Section 2721(e) of Title 23 of the California Code of Regulations.

Please contact our office if you have any questions regarding this matter.

Sincerely,

ORIGINAL SIGNED BY

James S. Crowley, P.E.
Special Programs Engineer
Leaking Underground Storage Tank Oversight Program

FL9482uu

Santa Clara Valley Water District

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

Date: August 4, 1998

Agency Name: Santa Clara Valley Water District	Address: 5750 Almaden Expressway
City/State/Zip: San Jose, CA 95118	Phone: (408) 265-2600
Responsible Staff Person: Peter A. Thiemann	Title: Water Quality Specialist

II. CASE INFORMATION

Site Facility Name: Dunn-Edwards Paints		
Site Facility Address: 690 North Winchester Boulevard, San Jose, CA 95128		
RB LUSTIS Case No.: —	Local Case No.: 07S1W14D01f	LOP Case No.: 11-023
URF Filing Date: 01/02/92	SWEEPS No.: —	APN: 274-47-077

Responsible Parties	Addresses	Phone Number
Mr. John Edwards Dunn-Edwards Paints	4885 East 52nd Place Los Angeles, CA 90040	(213) 771-3330

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	10,000	Paint thinner	Removed	01/86
2	110	Floor drainage	Removed	11/91
Piping			—	—

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown		
Site characterization complete? Yes	Date Approved By Oversight Agency: 02/16/95	
Monitoring wells installed? Yes	Number: 9	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 20.9	Lowest Depth: 32.18	Flow Direction: Easterly*
Most Sensitive Current Use: Potential drinking water supply		

Summary of Production Wells in Vicinity: Five water production wells were identified within ½ mile of the site. The one well listed as active, 07S01W15H001, is located approximately 1,000 feet away in the presumed upgradient direction. Wells 07S01W15B001 and 07S01W11N001 have been sealed with cement under Santa Clara Valley Water District permit. Wells 07S01W10R001 and 07S01W10J001 are located approximately 2,100 and 2,500 feet away, respectively, in the presumed downgradient direction. The destruction method for these wells is unknown. However, this release does not appear likely to reach these potential conduits.

Are drinking water wells affected? No	Aquifer Name: Santa Clara Valley Basin
Is surface water affected? No	Nearest SW Name: Saratoga Creek, 9,000 feet distant
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Santa Clara Valley Water District

*Perched aquifer

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL			
Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	10,000-gallon thinner 110-gallon thinner	Off-site disposal—Unknown destination Disposal—Levin Metals Company, Richmond, CA	01/86 11/91
Piping	—	—	—
Free Product	**	—	—
Soil	35 cubic yards 5.5 cubic yards	Disposal—Forward Inc. Landfill, Manteca, CA Disposal—B&J Landfill, Vacaville, CA	10/92 01/93
Groundwater	7,000 gallons	Disposal—Various destinations	1992 to 1996
Barrels	7 drums 14 drums	Disposal—Refinery Services Inc., Patterson, CA Disposal—Mountain View Landfill, Mountain View, CA	10/92 01/93

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS—BEFORE AND AFTER CLEANUP									
Contaminant	Soil (ppm)		Water (ppb)		Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After		Before	After	Before	After
TPH as Paint Thinner (EPA 8015)	22,000	*	240,000	15,000	Xylene	33	*	84	280
					Ethylbenzene	ND (<1.0)	*	8.5	ND (<20)
Benzene	ND (<1.0)	*	8.5	ND (<20)	Oil & Grease	NA	NA	NA	NA
Toluene	ND (<1.0)	*	3.3	ND (<20)	Heavy Metals	NA	NA	NA	NA
Other (8240/8270)	***	*	#	##	MTBE	N/A	N/A	N/A	N/A

Description of Interim Remediation Activities: Groundwater extraction and free product removal.

ND Not detected at laboratory detection limits
NA Not analyzed
N/A Not applicable

* Confirmation soil samples not collected.
** Less than 5 gallons of free product were manually removed from wells MW-1 and MW-3. An undetermined amount of free product was removed from MW-1 by the groundwater extraction and treatment system.
*** <5.0 parts per million (ppm) Acetone; <5.0 ppm Methyl Ethyl Ketone.

\# 29 parts per billion (ppb) Acetone detected; 11 ppb methyl Ethyl Ketone detected.
Less than 250 ppb Acetone detected; less than 250 ppb Methyl Ethyl Ketone detected.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Santa Clara Valley Water District staff does not make specific determinations concerning public health risk. However, it does not appear that the release would present a risk to human health.		
Site Management Requirements: See Attachment 1, Notice of Environmental Restriction and Covenant		
Should corrective action be reviewed if land use changes? Yes		
Monitoring Wells Decommissioned: No	Number Decommissioned: None	Number Retained: 9
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: Not applicable		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

One 10,000-gallon paint thinner (thinner) underground storage tank (UST) was removed from the site in January 1986. The file indicates that thinner was not detected in soil samples collected from the vicinity of this tank. In November 1991, a 110-gallon UST was removed. The tank appeared to be free of holes. The tank was used to collect drainage from a room within the paint store on the site. Thinner was detected in soil samples collected beneath the tank. A sample from 7.5 feet below ground surface (bgs) contained 2,600 ppm thinner. A sample obtained from 19 feet bgs contained 3,300 ppm thinner. Apparently, any overexcavation activities were limited in scope.

A March 1992 soil and groundwater investigation determined that shallow groundwater had been contaminated by thinner. Water was encountered between approximately 20 and 30 feet bgs. The regional water table in the vicinity of the site occurs at a depth of approximately 60 feet bgs. Detectable concentrations of thinner were present in groundwater samples from MW-1 and MW-3. Thinner was not detected in groundwater samples from MW-2. A soil sample from source well MW-1, collected from 20.5 feet bgs, contained up to 2,400 ppm of thinner.

In July 1992, 53,000 ppb thinner was detected in groundwater samples from MW-1. Acetone, Benzene, Toluene, Xylenes, and Methyl Ethyl Ketone were detected in groundwater samples from MW-1. The origin of these compounds is unclear. Material Safety Data Sheets provided by the responsible party do not list these compounds as constituents in their paint thinner product. Free product was also observed in MW-1. Starting in July 1992, a groundwater extraction treatment system was installed at the site; groundwater was pumped from MW-1, treated with activated carbon, and stored on site for future disposal. In November 1992, free product was observed in MW-3. Free product was removed from this well by placing absorbent cartridges in the well.

In December 1992, additional investigation was performed at the site. Twenty-two thousand ppm thinner was detected in a soil sample collected at a depth of 28 feet bgs from a boring north of the former USTs. Well PZ-4 was installed to evaluate the movement of groundwater in the shallow water-bearing zone.

In June 1993, additional wells were installed. Thinner was not detected in groundwater samples from a deep well (MW-5) screened from 66 up to 56 feet bgs and located north of the former 110-gallon UST. Soil samples from the well boring contained 4 and 1.2 ppm of thinner, at depths of 38 and 56 feet bgs, respectively. Soil samples collected at depths of 61 and 65.5 feet bgs contained nondetectable concentrations of thinner.

In May 1994, an investigation determined that soil and groundwater contamination northeast of the former UST extended off site. Thinner was detected in groundwater samples from a temporarily screened boring located on the south side of Fernwood Avenue. Thinner concentration in this grab groundwater sample was 1,800 ppb. Soil contamination extended from the south side of Fernwood Avenue directly north of the former USTs, to the north side of Fernwood Avenue east of the Dunn-Edwards property line. Concentrations of thinner in soil ranged from 280 ppm to 2.5 ppm at depths between 30 and 38 feet bgs. In July 1994, a groundwater sample from MW-3 contained 240,000 ppb thinner, an all time high.

A well (MW-9) was installed in December 1994 in the south side of Fernwood Avenue. This well has been dry since it was installed. Soil samples from the well bore and a boring east of MW-9 contained detectable concentrations of thinner to a maximum depth of 46 feet bgs. Three soil samples collected between 47 and 57 feet bgs, the total depth of the boring, contained nondetectable concentrations of thinner.

A risk assessment report dated May 17, 1996, was prepared for the site. Conclusions presented in the report were not considered in this case closure recommendation. The most recent sampling round was conducted in April 1996. Thinner was detected in groundwater samples from shallow wells MW-1 and MW-3. Product sheen was observed in groundwater from MW-3. Thinner was not detected in groundwater samples from MW-2 or deep well MW-5.

In August 1998, water levels in site monitoring wells were measured and a check for free product performed. Neither free product nor sheen was noted in the monitoring wells.

Conclusion:

A mass of thinner as free product exists beneath the site. Sheen was noted in MW-3 in April 1996, and in February 1996 0.38 feet of free product was noted in MW-3. On site, thinner was detected in soil samples up to a concentration of 22,000 ppm. Generally, the highest concentrations of thinner occur in sandy material at depths between approximately 25 and 32 feet bgs. Perched water is frequently present within this layer. Off site, thinner has been detected in soil samples from borings located up to 150 feet from the former tank area, at depths up to 46 feet bgs. Concentration of thinner in off-site soils range from 280 ppm to a few parts per million.

Perched water exists in a sandy unit located between 20 and 30 feet bgs in the vicinity of the former tank area. The water table aquifer is encountered approximately 55 feet bgs. UST sites in the vicinity show similar hydrogeologic conditions. Perched groundwater contaminated by thinner has been detected on site since 1992. Historically, thinner has been present in groundwater samples from source well MW-1, and MW-3. One thousand eight hundred ppb thinner was detected in a groundwater grab sample from an off-site boring located 100 feet from the former tank. Groundwater samples from well PZ-4 were collected in January and April 1993. On both occasions, thinner was not detected in these groundwater samples. Groundwater samples from well MW-2 and deep well MW-5 have never contained detectable concentrations of thinner. Wells MW-6, MW-7, PZ-8, and MW-9 have never been sampled because the wells have been dry.

Over 7,000 gallons of groundwater have been removed from the perched water bearing zone. This remedial measure apparently has not significantly reduced the mass of thinner in the subsurface. Despite groundwater extraction, free product was noted in well MW-3 in February 1996.

Conclusion (continued):

Migration of thinner-contaminated shallow groundwater into the water table aquifer is not considered likely. Between the primary source and lowest water-bearing unit, there exist two fine-grained strata and one coarse-grained strata. The coarse-grained strata is a nonwater-bearing layer, therefore, it provides no significant driving force to contaminate the water table aquifer. Although thinner has migrated vertically and laterally from the source area in the borings advanced at the site, thinner concentration in soil rapidly decreases with depth. Finally, the aquitard encountered immediately beneath the perched water zone may not be competent–soil samples beneath it contained detectable concentrations of thinner. Despite this apparently leaky aquitard, groundwater samples from deep well MW-5 have never contained detectable concentrations of thinner. It appears that the aquitard above the deeper regional water table aquifer is effective in retarding the vertical migration of thinner.

It is unlikely that an abandoned well, or wells, serving as a conduit to deeper water bearing zones is present in the vicinity of the site. Toxicity Characteristic Leaching Procedure (TCLP) analysis was performed on soil samples from the site. Of the soil samples submitted for TCLP analysis, the sample with the highest thinner concentration, 1,700 ppm, produced leachate with a concentration of 630 ppb thinner.

We expect significant attenuation of the residual thinner mass will occur over the next several decades that will reduce the mass of residual contamination in both soil and groundwater.

A Notice of Environmental Restriction and Covenant (Attachment 1) has been attached to the deed of this property. The notice serves to inform potential buyers of the property that contamination is present in soil and groundwater beneath the site. This notice is intended to reduce potential risks to human health and the environment by preventing exposure to contaminants beneath the property. The notice is also expected to prevent the accidental spread of residual contamination by ensuring that the Santa Clara Valley Water District and City of San Jose Planning Department are notified prior to development activities that might disturb contaminants.

The investigation was performed in accordance with State and local guidelines. Santa Clara Valley Water District staff has concluded that a continuing threat to groundwater, human health, and the environment from residual petroleum hydrocarbons does not exist at this site subject to the referenced restriction and covenant remaining in place. Regional Water Quality Control Board objectives for groundwater have not been compromised. Santa Clara Valley Water District staff recommends no further action for this case.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Peter A. Thiemann	Title: Water Quality Specialist
Signature: Peter Thiemann	Date: 8/12/98
Approved by: James S. Crowley, P.E.	Title: Special Programs Engineer (acting)
Signature: [signature]	Date: 8/12/98

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Chuck Headlee	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB: 8/13/98
Signature: Chuck Headlee	Date: 8/13/98

Attachments:

1. Notice of Environmental Restriction and Covenant
2. Location Map and Site Plan
3. Soil Sample Analytical Results
4. Groundwater Monitoring Analytical Results
5. Well Construction Details
6. Depth-to-Water Measurements
7. August 1998 Water Level Measurements and Free Product
8. Off-Site Grab Groundwater Sample Analytical Results
9. Cross Sections and Location Plan
10. Toxicity Characteristic Leaching Procedure Results

Post-it® Fax Note 7671	Date	# of pages ▶ 1
To Peter Thiemann	From Chuck Headlee	
Co./Dept.	Co.	
Phone #	Phone #	
Fax # 408 997-8769	Fax #	

This document and the related CASE CLOSURE LETTER, shall be retained by the lead agency as part of the official site file

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Los Angeles

On March 5, 1998 (Date) before me, Patricia A. Flores (Name and Title of Officer (e.g., "Jane Doe, Notary Public"))

personally appeared Dennis R. Kromer (Name(s) of Signer(s))

XX personally known to me
__ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

PATRICIA A. FLORES
COMM. #1104741
NOTARY PUBLIC-CALIFORNIA
LOS ANGELES COUNTY
My Comm. Exp. Sept. 7, 2001

WITNESS my hand and official seal.

Patricia A. Flores
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Notice of environmental Resrriction and Covenant

Document Date: March 5, 1998 Number of Pages: 3

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: Dennis R. Kromer	Signer's Name: _____
☐ Individual	☐ Individual
☒ Corporate Officer Title(s): Chief Financial Officer	☐ Corporate Officer Title(s): _____
☐ Partner — ☐ Limited ☐ General	☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact	☐ Attorney-in-Fact
☐ Trustee	☐ Trustee
☐ Guardian or Conservator	☐ Guardian or Conservator
☐ Other: _____	☐ Other: _____
Signer Is Representing: Dunn-Edwards Corp.	Signer Is Representing: _____
Top of thumb here	Top of thumb here

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ATTACHMENT 1A

CONFORMED COPY: This document has not been compared with the original.
SANTA CLARA COUNTY RECORDER

RECORDING REQUESTED BY; AND
WHEN RECORDED, MAIL TO:
Dunn-Edwards Corporation
4885 E. 52nd Place
Los Angeles, CA 90040

Doc#: 14198784
3/25/1998 8:16 AM

NOTICE OF ENVIRONMENTAL RESTRICTION AND COVENANT
(Civil Code Section 1471)
690 N. WINCHESTER BLVD., SAN JOSE, CALIFORNIA

This Notice of Environmental Restriction and Covenant is made as of the 5th day of March, 1998, by DUNN-EDWARDS CORPORATION, a California corporation ("Dunn-Edwards"), the owner of that certain property situated in the City of San Jose, County of Santa Clara, State of California, which is described on Exhibit A attached hereto and incorporated herein by this reference (such portion hereinafter referred to as the "Property").

A. The Property has been used since 1965 as a paint and painting supply retail store and is known to contain detectable levels of paint thinner (which is a hazardous material under Health & Safety Code Section 25260) in soil and groundwater (the "Contaminants").

B. In January 1986, a 10,000 gallon underground storage tank ("UST") containing virgin paint thinner was removed from the Property. In November 1991, a 110 gallon UST containing floor drain runoff was removed from the Property. Total Petroleum Hydrocarbons ("TPH") as paint thinner and paint thinner constituents were detected in soil and groundwater at the Property. In mid-1992, a groundwater extraction and treatment system was installed on the Property. The Contaminants are known to be present as free product (pure paint thinner) in discrete pockets of perched groundwater on the Property. The risk of public exposure to the Contaminants has been substantially lessened by remediation and the Santa Clara Valley Water District ("SCVWD"), with the approval of the California Regional Water Quality Control Board, San Francisco Bay Region ("SFRWQCB"), has agreed to issue a no further action letter to Dunn-Edwards in connection with the recordation of this Environmental Restriction. The purpose of the disclosures contained in this Environmental Restriction is to further assist in preventing significant risks to human health and the environment posed by exposure to high levels of the Contaminants.

C. Full and voluntary disclosure to the SCVWD of the known presence of the Contaminants on the Property has been made and extensive sampling of the Property has been conducted by Dunn-Edwards, the results of which are available in the files of the SCVWD and the RWQCB.

D. Dunn-Edwards desires and intends that, in order to protect the present and future public health and safety and the environment, a restriction concerning the presence of Contaminants on the Property be imposed so that the Property is used in such a manner and appropriate precautions are taken to avoid potential harm to present and future public health and safety and the environment which may result from exposure to any Contaminants remaining on the Property.

1. Restriction. Dunn-Edwards hereby covenants, for the benefit of SCVWD and on behalf of itself and all successive owners of each and every portion of the Property, that Dunn-Edwards, while it is the owner, and all successive owners shall, prior to disturbing any area known to contain Contaminants as free products, notify the SCVWD and the San Jose Planning Department. This covenant shall run with the land and be binding on successive owners for the benefit of SCVWD pursuant to Civil Code Section 1471.

2. Acknowledgement of Owners Presumed: All purchasers, lessees, or possessors of any portion of the Property shall be deemed by their purchase, leasing, or possession of such Property, to have acknowledged the foregoing and to agree for and among themselves, their heirs, successors, and assignees, and the agents, employees, and lessees of such owners, heirs, successors, and assignees, that the restriction herein set forth has been read and understood by them and that they have undertaken such further investigation of the Property as they deem necessary for their intended use of the Property including , but not limited to, investigation of the SCVWD and SFRWQCB files pertaining to the Property and that their interest in the Property shall be subject to the foregoing restoration. This statement is not a declaration that a hazard exists.

3. Conveyance of the Property. Neither the SCVWD nor the SFRWQCB, by reason of this instrument, shall have authority to approve, disapprove, or otherwise affect any sale, lease, or other conveyance of the Property except as otherwise provided by law.

4. No Dedication Intended. Nothing set forth herein shall be construed to be a gift or dedication, or offer of a gift or dedication, of the Property or any portion thereof to the general public.

5. File Review. Persons who wish to review the SCVWD files pertaining to this Property, may do so by contacting the Santa Clara Valley Water District at: 5750 Almaden Expressway, San Jose, CA 95118.

IN WITNESS WHEREOF, the undersigned has executed this Deed Notice as of the date set forth above.

DUNN-EDWARDS CORPORATION,
a California corporation

By: _____

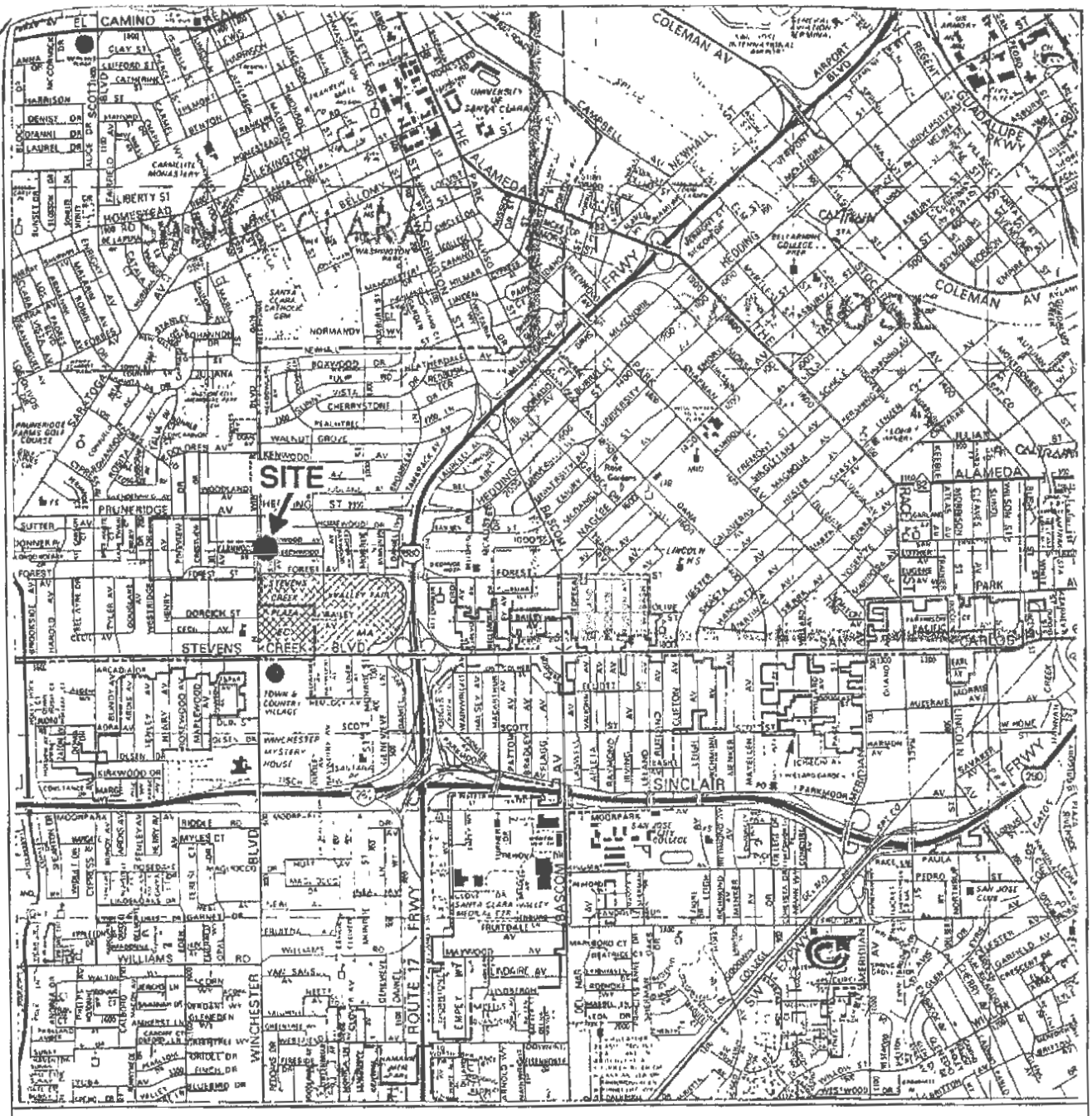
Title: Chief Financial Officer

Date: 3/5/_____, 1998

EXHIBIT A

That certain property located in the City of San Jose, County of Santa Clara, more particularly described as follows:

NORTH PORTION OF LOT 71, TRACT 937 BASCOM GARDENS UNIT 6.



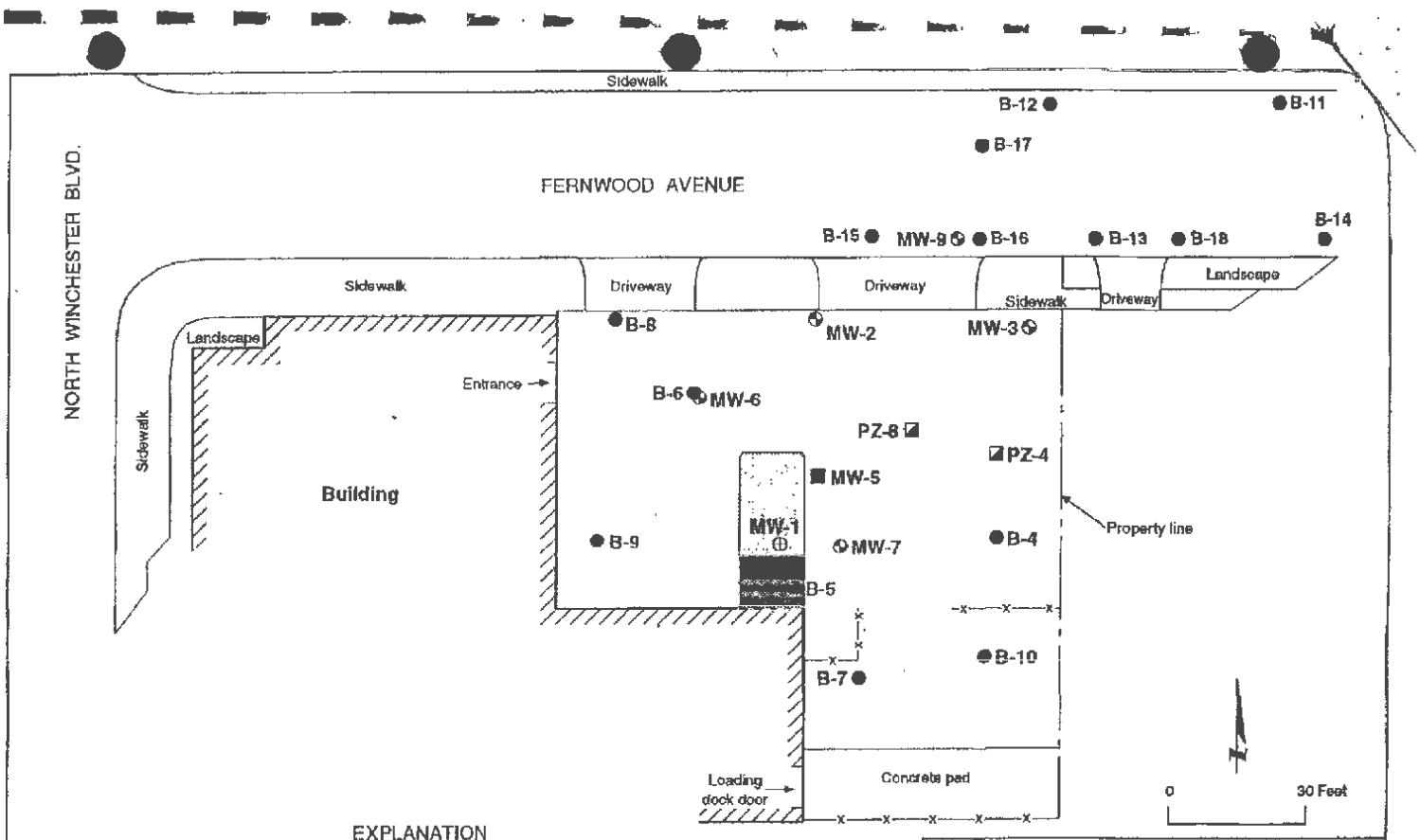
Source: The Thomas Guide
Alameda and Santa Clara Counties Street Guide and Directory
1989 Edition

0 1/2 Mile

LOCATION MAP
Dunn-Edwards Corporation Facility
690 N. Winchester Boulevard
San Jose, California

McCulley, Frick & Gilman, Inc.	Project No. 92-2274	Figure 1

ATTACHMENT 2A



EXPLANATION

MW-1 ⊕ Perched zone extraction well

MW-9 Perched zone monitoring well

MW-5 ■ Deep zone monitoring well

PZ-8 Perched zone piezometer

B-18 ● Soil boring

Location of 10,000-gallon storage tank removed in January 1986

Location of 110-gallon storage tank removed in November 1991

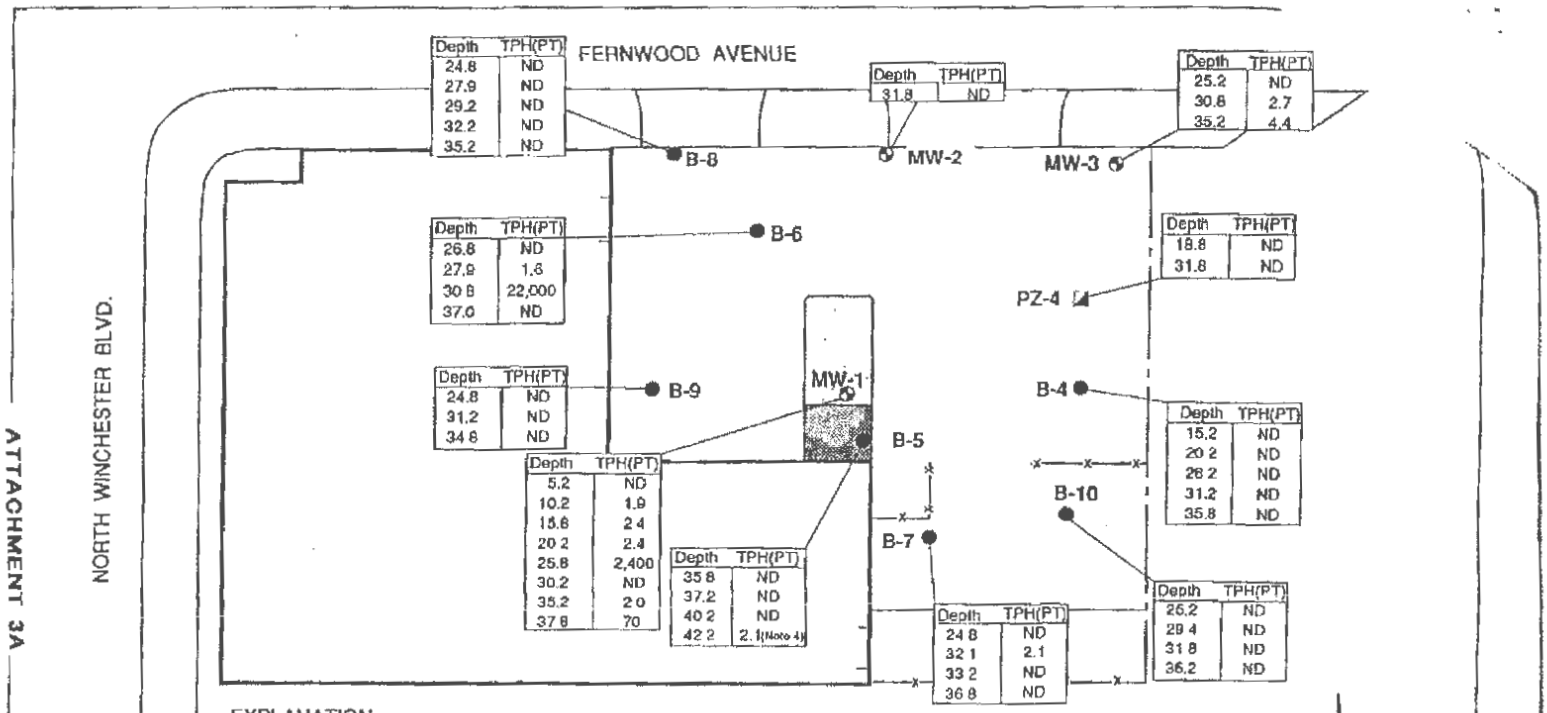
-x—x- Fence

SITE PLAN WITH LOCATIONS OF SOIL BORINGS AND WELLS

Dunn-Edwards Corporation Facility
690 N. Winchester Boulevard
San Jose, California

Project No.	Reviewed by:	Figure
92-2274		2

McCulley, Frick & Gilman, Inc.
Environmental Sciences and Engineering



EXPLANATION

- MW-1 — Location of monitoring well
- PZ-4 — Location of piezometer
- B-9 — Location of soil boring
- Location of 10,000-gallon storage tank removed in January 1986
- Location of 110-gallon storage tank removed in November 1991
- -x—x- Fence

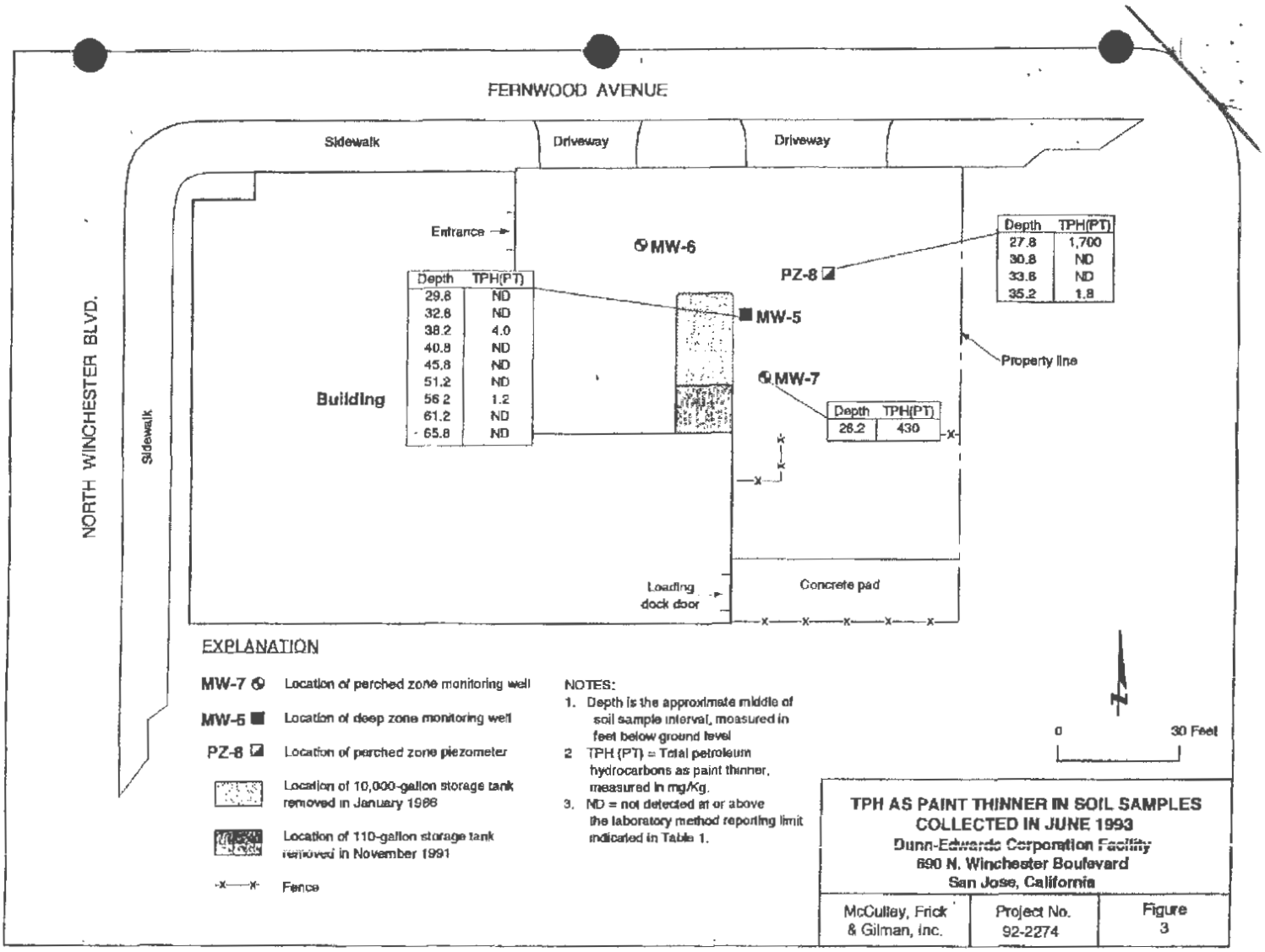
NOTES:

1. Depth is the approximate middle of soil sample interval, measured in feet below ground level.
2. TPH (PT) = Total petroleum hydrocarbons as paint thinner, measured in mg/kg
3. ND = not detected at or above the laboratory method reporting limit indicated in Table 1.
4. Laboratory report indicates non-paint thinner mixture (Appendix C)

TPH AS PAINT THINNER IN SOIL SAMPLES COLLECTED IN MARCH AND DECEMBER 1992
Dunn-Edwards Corporation Facility
690 N. Winchester Boulevard
San Jose, California

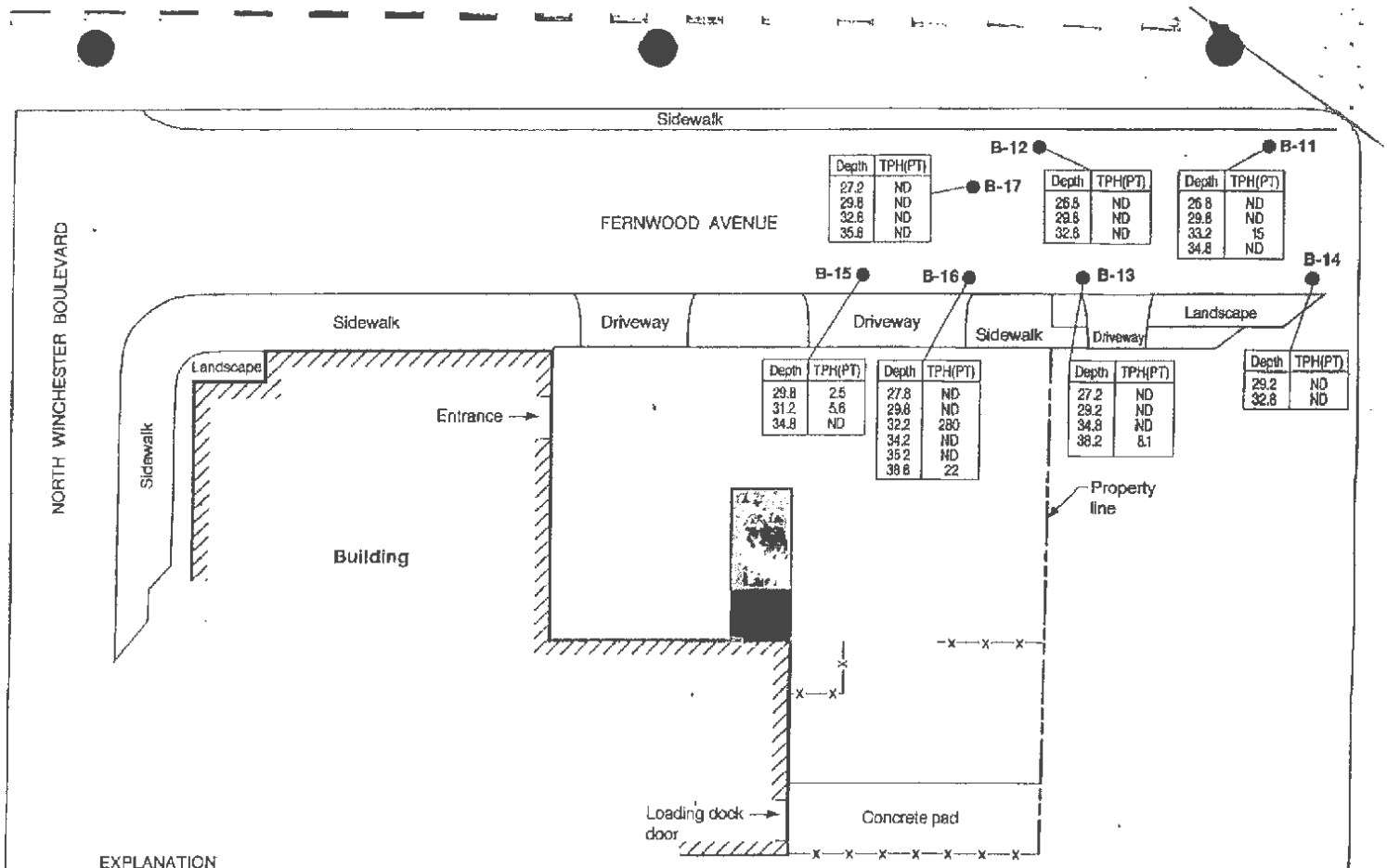
McCulley, Frick & Gilman, Inc.	Project No. 92-2274	Figure 3

ATTACHMENT 3A



TPH AS PAINT THINNER IN SOIL SAMPLES COLLECTED IN JUNE 1993
Dunn-Edwards Corporation Facility
690 N. Winchester Boulevard
San Jose, California

McCulley, Frick & Gilman, Inc.	Project No. 92-2274	Figure 3



EXPLANATION

B-15 ● Soil boring

Location of 10,000-gallon storage tank removed in January 1986

Location of 110-gallon storage tank removed in November 1991

-x—x- Fence

Notes:
1. Depth is the approximate middle of soil sample interval; measured in feet below ground level.
2. TPH(PT) = Total petroleum hydrocarbons as paint thinner, measured in mg/Kg.
3. ND = Not detected at or above the laboratory method reporting limit indicated in Table 1.

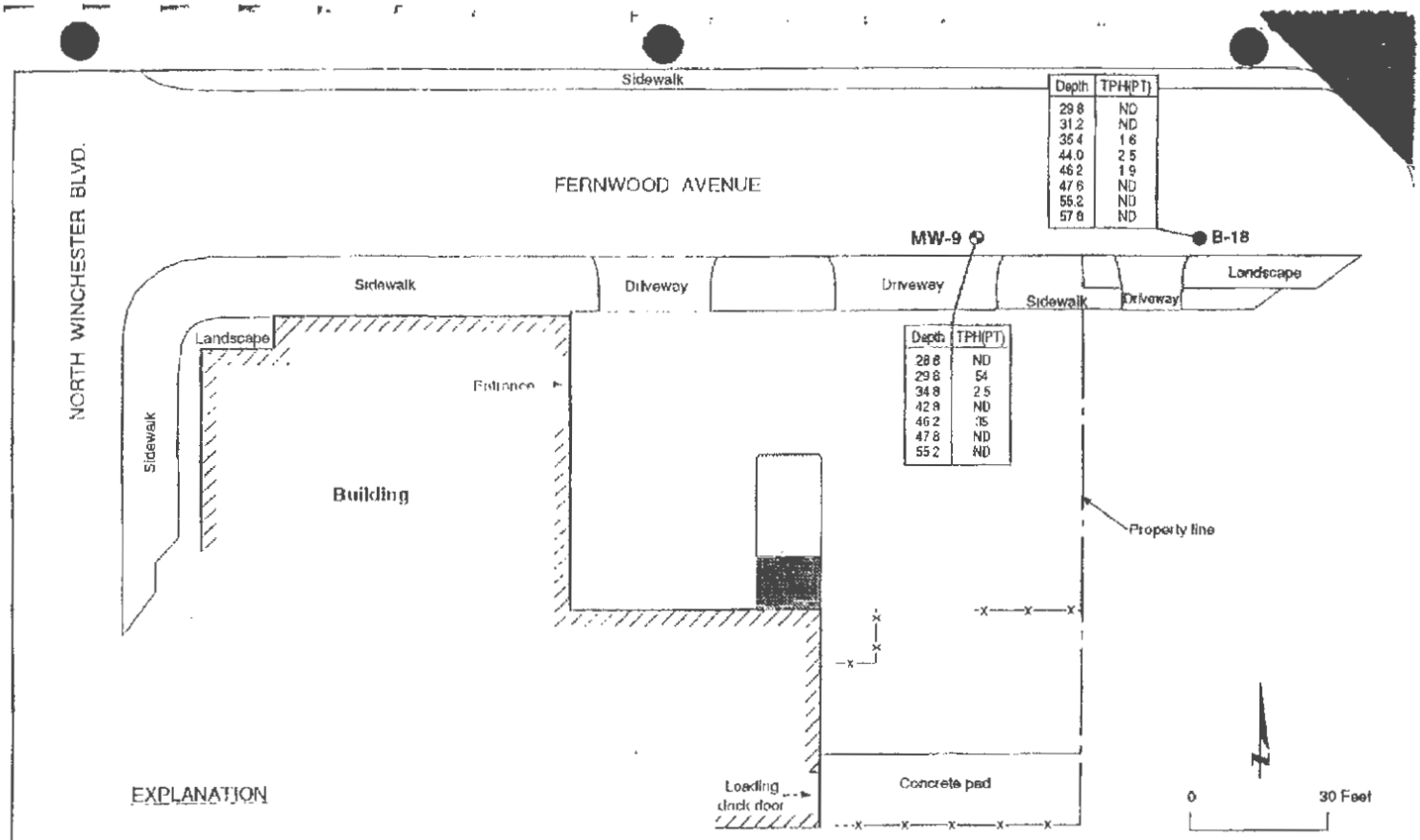
0 30 Feet

TPH AS PAINT THINNER IN SOIL SAMPLES COLLECTED FROM OFF-SITE BORINGS IN MAY 1994
Dunn-Edwards Corporation Facility
690 N. Winchester Boulevard
San Jose, California

Project No.	Reviewed by:	Figure
92-2274		3

McCulley, Frick & Gilman, Inc.
Environmental Sciences and Engineering

3C



Depth	TPH(PT)
29.8	ND
31.2	ND
35.4	1.6
44.0	2.5
46.2	1.9
47.6	ND
55.2	ND
57.6	ND

Depth	TPH(PT)
28.8	ND
29.8	54
34.8	2.5
42.8	ND
46.2	.35
47.8	ND
55.2	ND

EXPLANATION

B-18 ● Soil boring

MW-9 ⊗ Perched zone monitoring well

Location of 10,000-gallon storage tank removed in January 1986

Location of 110-gallon storage tank removed in November 1991

-x—x- Fence

Notes: 1. Depth is the approximate middle of soil sample interval; measured in feet below ground level.
2. TPH(PT) = Total petroleum hydrocarbons as paint thinner, measured in mg/Kg.
3. ND = Not detected at or above the laboratory method reporting limit indicated in Table 1.

TPH AS PAINT THINNER IN SOIL SAMPLES COLLECTED FROM OFF-SITE BORINGS IN DECEMBER 1994
Dunn-Edwards Corporation Facility
690 N. Winchester Boulevard
San Jose, California

Project No	Reviewed by:	Figure
92-2274		3

McCulley, Frick & Gilman, Inc.
Environmental Sciences and Engineering

3D

TABLE 1

SUMMARY OF CHEMICAL ANALYSES OF GROUNDWATER SAMPLES FROM MONITORING WELLS

Dunn-Edwards Corporation Facility
690 North Winchester Boulevard
San Jose, California

				Volatile Organic Compounds[1] (µg/L)						
			TPH AS PAINT THINNER[2] (µg/L)	ACETONE	2-BUTANONE	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TENTATIVELY IDENTIFIED COMPOUNDS
		Reporting Limit:	50	10	10	0.5	0.5	0.5	0.5	
WELL NO.	SAMPLE NO.	DATE SAMPLED								
MW-1	MW-1	03-Apr-92	7,100	-[3]	-	-	-	-	-	-
MW-1	IN-1	14-Jul-92	53,000	23	11	8.5	3.3	ND [2]	84[4]	-[5,6]
MW-1	MW-1	15-Oct-92	18,000	ND[7] [35][8]	ND [35]	ND [7]	ND [7]	ND [7]	ND [7]	-[9]
MW-1	MW-1	18-Jan-93	20,000	ND [250]	ND [250]	ND [50]	ND [50]	ND [50]	ND [50]	-
MW-1	MW-1	08-Apr-93	21,000	-	-	-	-	-	-	-
MW-1	MW-1	06-Jul-93	5,200[10]	ND [20]	ND	ND [2]	ND [2]	ND [2]	ND [2]	-
MW-1	MW-1	05-Oct-93	3,900	-	-	-	-	-	-	-
MW-1	MW-1	13-Jan-94	7,500	-	-	-	-	-	-	-
MW-1	MW-1	07-Apr-94	3,200	-	-	-	-	-	-	-
MW-1	MW-1	06-Jul-94	45,000	-	-	-	-	-	-	-
MW-1	MW-1	03-Oct-94	5,400	ND	ND	ND [2]	ND [2]	ND [2]	ND [2]	-
MW-1	MW-1	17-Jan-95	17,000	-	-	-	-	-	-	-
MW-1	MW-1	04-Apr-95	5,200	29	ND	ND [2]	ND [2]	ND [2]	ND [2]	-
MW-1	MW-1	31-Jul-95	210[11]	-	-	-	-	-	-	-
MW-1	MW-1	04-Oct-95	17,000	ND [167]	ND [167]	ND [33]	ND [33]	ND [33]	110	-
MW-1	MW-1	04-Jan-96	4,100	-	-	-	-	-	-	-
MW-1	MW-1	09-Apr-96	11,000	-	-	-	-	-	-	-

ATTACHMENT 4A

TABLE 1

SUMMARY OF CHEMICAL ANALYSES OF GROUNDWATER SAMPLES FROM MONITORING WELLS

Dunn-Edwards Corporation Facility
690 North Winchester Boulevard
San Jose, California

				Volatile Organic Compounds[1] (µg/L)						
			TPH AS PAINT THINNER[2] (µg/L)	ACETONE	2-BUTANONE	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TENTATIVELY IDENTIFIED COMPOUNDS
		Reporting Limit:	50	10	10	0.5	0.5	0.5	0.5	
WELL NO.	SAMPLE NO.	DATE SAMPLED								
MW-2	MW-2	03-Apr-92	ND	-	-	-	-	-	-	-
MW-2	MW-2	17-Jul-92	ND	ND	ND	ND [2]	ND [2]	ND [2]	ND [2]	-
MW-2	MW-2	15-Oct-92	ND	-	-	ND	0.70	ND	ND	-
MW-2	MW-2	18-Jan-93	ND	-	-	-	-	-	-	-
MW-2	MW-2	08-Apr-93	ND	-	-	-	-	-	-	-
MW-2	MW-2	06-Jul-93	ND	-	-	-	-	-	-	-
MW-2	MW-2	13-Jan-94	ND	-	-	-	-	-	-	-
MW-2	MW-2	06-Jul-94	ND	-	-	-	-	-	-	-
MW-2	MW-2	17-Jan-95	ND	-	-	-	-	-	-	-
MW-2	MW-2	19-Jul-95	ND	-	-	-	-	-	-	-
MW-2	MW-2	04-Jan-96	ND	-	-	-	-	-	-	-
MW-2	MW-2	09-Apr-96	ND	-	-	-	-	-	-	-
MW-3	MW-3	03-Apr-92	800	-	-	-	-	-	-	-
MW-3	MW-3	17-Jul-92	150	ND	ND	ND [2]	ND [2]	ND [2]	ND [2]	-
MW-3	MW-3	15-Oct-92	2,000	-	-	ND	ND	5.5	6.3	-
MW-3	MW-3	18-Jan-93	4,500	-	-	-	-	-	-	-
MW-3	MW-3	08-Apr-93	1,500	-	-	-	-	-	-	-

TABLE 1

SUMMARY OF CHEMICAL ANALYSES OF GROUNDWATER SAMPLES FROM MONITORING WELLS

Dunn-Edwards Corporation Facility
690 North Winchester Boulevard
San Jose, California

				Volatile Organic Compounds[1] (µg/L)						
			TPH AS PAINT THINNER[2] (mg/L)	ACETONE	2-BUTANONE	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TENTATIVELY IDENTIFIED COMPOUNDS
		Reporting Limit:	50	10	10	0.5	0.5	0.5	0.5	
WELL NO.	SAMPLE NO.	DATE SAMPLED								
MW-3	MW-3	06-Jul-93	2,300	-	-	-	-	-	-	-
MW-3	MW-3	05-Oct-93	15,000	-	-	-	-	-	-	-
MW-3	MW-3	13-Jan-94[D]	-	-	-	-	-	-	-	-
MW-3	MW-3	07-Apr-94	3,700	-	-	-	-	-	-	-
MW-3	MW-3	06-Jul-94	240,000	-	-	-	-	-	-	-
MW-3	MW-3	03-Oct-94	9,400	-	-	-	-	-	-	-
MW-3	MW-3	17-Jan-95	190,000	ND [33]	ND [33]	ND [6.7]	ND [6.7]	ND [6.7]	13	-
MW-3	MW-3	04-Apr-95	32,000	-	-	-	-	-	-	-
MW-3	MW-3	19-Jul-95	4,100	ND [250]	ND [250]	ND [50]	ND [50]	ND [50]	ND [50]	-
MW-3	MW-3	04-Oct-95	61,000	-	-	-	-	-	-	-
MW-3	MW-3	04-Jan-96	79,000	ND [33]	ND [33]	ND [6.7]	ND [6.7]	ND [6.7]	11	-
MW-3	MW-3	09-Apr-96	15,000	ND [100]	ND [100]	ND [20]	ND [20]	ND [20]	280	-
PZ-4	PZ-4	28-Jan-93	ND[H]	ND	ND	ND [2]	ND [2]	ND [2]	ND [2]	-
PZ-4	PZ-4	08-Apr-93	ND	-	-	-	-	-	-	-

4C

TABLE 1

SUMMARY OF CHEMICAL ANALYSES OF GROUNDWATER SAMPLES FROM MONITORING WELLS

Dunn-Edwards Corporation Facility
690 North Winchester Boulevard
San Jose, California

				Volatile Organic Compounds[1] (µg/L)						
			TPH AS PAINT THINNER[2] (µg/L)	ACETONE	2-BUTANONE	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	TENTATIVELY IDENTIFIED COMPOUNDS
		Reporting Limit:	50	10	10	0.5	0.5	0.5	0.5	
WELL NO.	SAMPLE NO.	DATE SAMPLED								
MW-5	MW-5	06-Jul-93	ND	ND	ND	ND [2]	ND [2]	ND [2]	ND [2]	-
MW-5	MW-5	13-Jan-94	ND	-	-	-	-	-	-	-
MW-5	MW-5	06-Jul-94	ND	-	-	-	-	-	-	-
MW-5	MW-5	17-Jan-95	ND	-	-	-	-	-	-	-
MW-5	MW-5	19-Jul-95	ND	-	-	-	-	-	-	-
MW-5	MW-5	04-Jan-96	ND	-	-	-	-	-	-	-
MW-5	MW-5	09-Apr-96	ND	-	-	-	-	-	-	-

NOTES:

1 Only volatile organic compounds detected are listed in this table.
2 Total Petroleum Hydrocarbons as paint thinner. The paint thinner used as the quantitation standard in this analysis was obtained from the on-site Dunn-Edwards Paints store.
3 - indicates not analyzed.
4 Total xylenes were detected in this sample at a concentration of 72 µg/L using EPA Method 624/8240 and at a concentration of 84 µg/L using EPA Method 8020. The higher value is listed in this table.
5 * indicates tentatively identified compounds were detected by GC/MS open scan.
6 Tentatively identified compounds (TIC's) ranged in estimated concentrations from 8.0 to 140 µg/L.
7 ND = Not detected at or above the laboratory method reporting limit listed at top of column.
8 [ ] indicates reporting limit other than that indicated at top of column.
9 Tentatively identified compounds (TIC's) ranged in estimated concentrations from 25 to 55 µg/L.
10 The TPH chromatogram was described by the laboratory as being similar to paint thinner plus a mix of peaks less than C18.
11 The TPH chromatogram was described by the laboratory as unidentified hydrocarbons with a carbon range of C9 through C13.
12 Tentatively identified compounds (TIC's) ranged in estimated concentrations from 6.3 to 31 µg/L.
13 This well was not sampled because free product was present on the groundwater in the well.
14 The surrogate recovery for this sample did not meet the laboratory's quality assurance criteria.

TABLE 2

MONITORING WELL AND PIEZOMETER CONSTRUCTION DETAILS

Dunn-Edwards Corporation Facility
690 North Winchester Boulevard
San Jose, California

WELL AND PIEZOMETER NO.	DATE INSTALLED	WELL DIAMETER (inches)	TOTAL DEPTH (ft bgl[1])	SCREENED INTERVAL (ft bgl)	FILTER PACK INTERVAL (ft bgl)	BENTONITE SEAL INTERVAL (ft bgl)	GROUT SEAL INTERVAL (ft bgl)
MW-1	27-Mar-92	2	34.5	19.4-34	18.5-34.5	16.5-18.5	0.4-16.5
MW-2	27-Mar-92	2	33.5	18.4-33	17.2-33.5	15-17.2	0.8-15
MW-3	27-Mar-92	2	33.5	18.4-32.7	16.5-33.5	14.5-16.5	0.5-14.5
PZ-4	10-Dec-92	2	33	18.2-32.3	17-33	15-17	0.5-15
MW-5	23-Jun-93	2	66.5	56.2-66	54-66.5	52-54	1.7-52[2]
MW-6	21-Jun-93	2	33	27.7-32.5	26.5-33	24.5-26.5	0.6-24.5
MW-7	23-Jun-93	2	32.5	24.5-32.4	24-33	22-24	1-22
PZ-8	23-Jun-93	2	33.5	26.5-33.4	26-33.5	23.9-26	1.2-23.9
MW-9	14-Jan-95	2	32.1	28.1-31.9	27.9-32.1	25.5-27.9	1-25.5

NOTES:

1 ft bgl - feet below ground level.
2 Well MW-5 is constructed with steel conductor casing to a depth of 29.5 feet below ground level.

TABLE 3

SUMMARY OF WATER LEVEL AND FLOATING PRODUCT MEASUREMENTS

Dunn-Edwards Corporation Facility
690 North Winchester Boulevard
San Jose, California

WELL	MEASUREMENT DATE	MEASURING POINT ELEVATION[1] (ft NGVD[2])	DEPTH TO PRODUCT (ft BMP[3])	DEPTH TO WATER (ft BMP)	PRODUCT THICKNESS (ft)	WATER LEVEL ELEVATION[4] (ft NGVD)
MW-1	03-Apr-92	114.55[5]	-[6]	20.23	0.00	94.32
	28-May-92	114.55	-	22.80	sheen	91.75
	17-Jun-92	114.55	-	23.63	0.00	90.92
	10-Jul-92	115.02[7]	*[8]	25.72	*	89.30[9]
	14-Jul-92	115.02	*	25.47[10]	*	89.55[9]
	15-Jul-92	115.02	**[11]	**	0.03	**
	16-Jul-92	115.02	**	**	0.02	**
	24-Jul-92	115.02	**	**	0.02	**
	30-Jul-92	115.02	33.33	33.36[12]	0.03	81.68[12]
	06-Aug-92	115.02	33.33	33.36[12]	0.03	81.68[12]
	13-Aug-92	115.02	33.38	33.40[12]	0.02	81.64[12]
	02-Sep-92	115.02	33.35	33.38[12]	0.03	81.64[12]
	08-Sep-92	115.02	33.36	33.38[12]	0.02	81.64[12]
	17-Sep-92	115.02	*	32.74[12]	*	82.28[9,12]
	01-Oct-92	115.02	-	32.80[12]	0.00	82.22[12]
	15-Oct-92	115.02	**	33.08[12]	**	81.94[9,12]
	16-Nov-92	115.02	*	33.08[12]	*	81.94[9,12]
	25-Nov-92	115.02	*	33.08[12]	*	81.94[9,12]
	07-Dec-92	115.02	*	33.08[12]	*	81.94[9,12]
	12-Dec-92	115.02	*	33.08[12]	*	81.94[9,12]
	18-Jan-93	115.02	*	33.08[12]	*	81.94[9,12]
	28-Jan-93	115.02	*	33.08[12]	*	81.94[9,12]
	12-Feb-93	115.02	*	33.08[12]	*	81.94[9,12]
	11-Mar-93	115.02	*	33.08[12]	*	81.94[9,12]
	08-Apr-93	115.02	-	33.08[12]	droplets[13]	81.94[12]
	27-May-93	115.02	*	33.08[12]	*	81.94[9,12]
	28-Jun-93	115.02	*	33.08[12]	*	81.94[9,12]
	02-Aug-93	115.02	*	33.08[12]	*	81.94[9,12]
	04-Oct-93	115.02	-	33.08[12]	droplets[13]	81.94[12]
	01-Dec-93	115.02	-	33.08[12]	0.00	81.94[12]
	12-Jan-94	115.02	*	33.08[12]	*	81.94[9,12]
	13-Jan-94	115.02	-	33.08[12]	0.00	81.94[12]
	01-Feb-94	115.02	*	33.08[12]	*	81.94[9,12]
	01-Mar-94	115.02	-	33.08[12]	0.00	81.94[12]
	07-Apr-94	115.02	-	33.66[12]	0.00	81.36[12]
	17-May-94	115.02	*	33.66[12]	*	81.36[9,12]

TABLE 3

SUMMARY OF WATER LEVEL AND FLOATING PRODUCT MEASUREMENTS

Dunn-Edwards Corporation Facility
690 North Winchester Boulevard
San Jose, California

WELL	MEASUREMENT DATE	MEASURING POINT ELEVATION[1] (ft NGVD[2])	DEPTH TO PRODUCT (ft BMP[3])	DEPTH TO WATER (ft BMP)	PRODUCT THICKNESS (ft)	WATER LEVEL ELEVATION[4] (ft NGVD)
MW-1	06-Jul-94	115.02	-	33.66[12]	0.00	81.36[12]
	03-Oct-94	115.02	-	33.66[12]	0.00	81.36[12]
	09-Dec-94	115.02	*	33.66[12]	*	81.36[5,12]
	16-Jan-95	115.02	-	33.66[12]	0.00	81.36[12]
	09-Feb-95	115.02	*	33.66[12]	*	81.36[5,12]
	01-Mar-95	115.02	-	33.66[12]	0.00	81.36[12]
	01-Apr-95	115.02	*	33.66[12]	*	81.36[5,12]
	08-May-95	115.02	-	33.66[12]	0.00	81.36[12]
	19-Jul-95	115.02	*	33.66[12]	*	81.36[5,12]
	31-Jul-95	115.02	-	32.03[12]	0.00	82.88[12]
	04-Oct-95	115.02	-	27.84[12]	0.00	87.18[12]
	01-Nov-95	115.02	-	27.84[12]	0.00	87.18[12]
	01-Dec-95	115.02	*	27.84[12]	*	87.18[5,12]
	04-Jan-96	115.02	*	22.58	*	92.44[5]
	01-Feb-96	115.02	*	26.63	*	88.39[5]
	09-Apr-96	115.02	-	21.28	0.00	93.74
MW-2	03-Apr-92	113.62[7]	-	21.34	0.00	92.28
	28-May-92	113.62	-	23.04	0.00	90.58
	17-Jun-92	113.62	**	22.94	**	90.68
	10-Jul-92	113.62	-	23.03	0.00	90.59
	14-Jul-92	113.62	-	23.28[10]	0.00	90.34
	15-Jul-92	113.62	**	23.28	**	90.34
	16-Jul-92	113.62	-	23.32	0.00	90.30
	24-Jul-92	113.62	**	23.54	**	90.08
	30-Jul-92	113.62	**	23.78	**	89.84
	06-Aug-92	113.62	**	23.88	**	89.74
	13-Aug-92	113.62	-	24.36	0.00	89.26
	20-Aug-92	113.62	**	25.20	**	88.42
	02-Sep-92	113.62	-	26.16	0.00	87.46
	08-Sep-92	113.62	-	26.59	0.00	87.03
	17-Sep-92	113.62	-	27.22	0.00	86.40
	01-Oct-92	113.62	-	27.89	0.00	85.73
	15-Oct-92	113.62	-	28.60	0.00	85.02
	16-Nov-92	113.62	-	30.39	0.00	83.23
	25-Nov-92	113.62	-	32.18	0.00	81.44

TABLE 3

SUMMARY OF WATER LEVEL AND FLOATING PRODUCT MEASUREMENTS

Dunn-Edwards Corporation Facility
690 North Winchester Boulevard
San Jose, California

WELL	MEASUREMENT DATE	MEASURING POINT ELEVATION[1] (ft NGVD[2])	DEPTH TO PRODUCT (ft BMP[3])	DEPTH TO WATER (ft BMP)	PRODUCT THICKNESS (ft)	WATER LEVEL ELEVATION[4] (ft NGVD)
MW-2	07-Dec-92	113.62	-	31.97	0.00	81.65
	12-Dec-92	113.62	-	25.82	0.00	87.80
	18-Jan-93	113.62	-	20.69	0.00	92.93
	28-Jan-93	113.62	-	20.90	0.00	92.72
	12-Feb-93	113.62	-	22.15	0.00	91.47
	11-Mar-93	113.62	-	21.35	0.00	92.27
	08-Apr-93	113.62	-	22.00	0.00	91.62
	27-May-93	113.62	-	23.55	0.00	90.07
	28-Jun-93	113.62	-	25.46	0.00	88.16
	02-Aug-93	113.62	-	26.20	0.00	87.42
	04-Oct-93	113.62	-	26.19	0.00	87.43
	01-Dec-93	113.62	-	27.42	0.00	86.20
	12-Jan-94	113.62	-	27.85	0.00	85.79
	01-Feb-94	113.62	-	27.51	0.00	86.11
	01-Mar-94	113.62	-	22.94	0.00	90.68
	07-Apr-94	113.62	-	23.38	0.00	90.24
	17-May-94	113.62	-	25.18	0.00	88.44
	06-Jul-94	113.62	-	26.15	0.00	87.47
	03-Oct-94	113.62	-	25.88	0.00	87.74
	09-Dec-94	113.62	-	25.64	0.00	87.98
	16-Jan-95	113.62	-	21.96	0.00	91.66
	09-Feb-95	113.62	-	22.06	0.00	91.56
	01-Mar-95	113.62	-	22.66	0.00	90.96
	01-Apr-95	113.62	-	21.36	0.00	92.26
	08-May-95	113.62	-	23.32	0.00	90.30
	19-Jul-95	113.62	-	25.59	0.00	87.73
	04-Oct-95	113.62	-	22.74	0.00	90.88
	01-Nov-95	113.62	-	25.37	0.00	88.25
	01-Dec-95	113.62	-	27.74	0.00	85.88
	04-Jan-96	113.62	-	27.24	0.00	86.38
	01-Feb-96	113.62	-	25.37	0.00	88.25
	09-Apr-96	113.62	-	22.85	0.00	90.77
MW-3	03-Apr-92	113.47[5]	-	30.05	0.00	83.42
	28-May-92	113.47	-	30.29	0.00	83.18
	17-Jun-92	113.47	**	30.20	**	83.27

TABLE 3

SUMMARY OF WATER LEVEL AND FLOATING PRODUCT MEASUREMENTS

Dunn-Edwards Corporation Facility
690 North Winchester Boulevard
San Jose, California

WELL	MEASUREMENT DATE	MEASURING POINT ELEVATION[1] (ft NGVD[2])	DEPTH TO PRODUCT (ft BMP[3])	DEPTH TO WATER (ft BMP)	PRODUCT THICKNESS (ft)	WATER LEVEL ELEVATION[4] (ft NGVD)
MW-3	10-Jul-92	113.47	-	30.28	0.00	83.19
	14-Jul-92	113.47	-	30.31[10]	0.00	83.16
	15-Jul-92	113.47	**	30.31	**	83.16
	16-Jul-92	113.47	-	30.32	0.00	83.15
	24-Jul-92	113.47	**	30.35	**	83.12
	30-Jul-92	113.47	**	30.39	**	83.08
	06-Aug-92	113.47	**	30.44	**	83.03
	13-Aug-92	113.47	-	30.48	0.00	82.99
	20-Aug-92	113.47	**	30.55	**	82.92
	02-Sep-92	113.47	-	30.67	0.00	82.80
	08-Sep-92	113.47	-	30.71	0.00	82.76
	17-Sep-92	113.47	-	30.75	0.00	82.72
	01-Oct-92	113.47	-	30.84	0.00	82.63
	15-Oct-92	113.47	-	30.92	0.00	82.55
	16-Nov-92	113.47	30.89	31.49	0.60	82.46
	25-Nov-92	113.47	30.85	31.19	0.34	82.55
	07-Dec-92	113.47	30.87	30.97	0.10	82.58
	12-Dec-92	113.47	30.80	30.85	0.05	82.66
	18-Jan-93	113.47	-	30.48	droplets[15]	82.99
	28-Jan-93	113.47	-	30.13	0.00	83.34
	12-Feb-93	113.47	29.97	29.98	0.01	83.49
	11-Mar-93	113.47	-	29.57	0.00	83.90
	08-Apr-93	113.47	-	29.83	droplets[15]	83.64
	27-May-93	113.47	-	30.27	0.00	83.20
	28-Jun-93	113.47	-	30.49	0.00	82.98
	02-Aug-93	113.47	-	30.69	0.00	82.78
	04-Oct-93	113.47	-	30.71	0.00	82.76
	01-Dec-93	113.47	-	30.81	0.00	82.66
	12-Jan-94	113.47	30.76	31.27	0.51	82.61
	27-Jan-94	113.47	30.81	31.30	0.49	82.56
	01-Feb-94	113.47	30.81	30.95	0.14	82.63
	09-Feb-94	113.47	30.77	30.80	0.03	82.69
	14-Feb-94	113.47	-	30.70	sheen	82.77
	24-Feb-94	113.47	-	30.62	0.00	82.85
	01-Mar-94	113.47	-	30.50	sheen	82.97
	15-Mar-94	113.47	-	30.47	sheen	83.00

TABLE 3

SUMMARY OF WATER LEVEL AND FLOATING PRODUCT MEASUREMENTS

Dunn-Edwards Corporation Facility
690 North Winchester Boulevard
San Jose, California

WELL	MEASUREMENT DATE	MEASURING POINT ELEVATION[1] (ft NGVD[2])	DEPTH TO PRODUCT (ft BMP[3])	DEPTH TO WATER (ft BMP)	PRODUCT THICKNESS (ft)	WATER LEVEL ELEVATION[4] (ft NGVD)
MW-3	05-Apr-94	113.47	-	30.40	0.00	83.07
	07-Apr-94	113.47	-	30.39	droplets[13]	83.08
	17-May-94	113.47	-	30.68	0.00	82.79
	06-Jul-94	113.47	-	30.67	sheen	82.80
	03-Oct-94	113.47	-	30.61	sheen	82.86
	09-Dec-94	113.47	-	30.60	droplets	82.87
	16-Jan-95	113.47	-	30.46	sheen	83.01
	09-Feb-95	113.47	-	30.06	0.00	83.41
	01-Mar-95	113.47	-	30.09	0.00	83.38
	01-Apr-95	113.47	-	29.68	droplets[13]	83.79
	08-May-95	113.47	-	30.16	0.00	83.31
	19-Jul-95	113.47	-	30.40	droplets[13]	83.07
	04-Oct-95	113.47	-	30.05	droplets[13]	83.42
	01-Nov-95	113.47	-	30.12	0.00	83.35
	01-Dec-95	113.47	-	30.53	0.00	82.94
	04-Jan-96	113.47	-	30.73	sheen[14]	82.74
	20-Jan-96	113.47	30.77	31.36	0.59	82.58
	23-Jan-96	113.47	30.80	31.36	0.56	82.56
	27-Jan-96	113.47	30.78	31.39	0.61	82.57
	30-Jan-96	113.47	30.82	31.43	0.61	82.53
	01-Feb-96	113.47	30.85	31.46	0.61	82.50
	05-Feb-96	113.47	30.84	31.40	0.56	82.52
	09-Feb-96	113.47	30.86	31.24	0.38	82.53
	09-Apr-96	113.47	-	30.23	sheen	83.24
PZ-4	28-Jan-93	113.81	-	26.78	0.00	87.03
	12-Feb-93	113.81	-	27.40	0.00	86.41
	11-Mar-93	113.81	-	26.53	0.00	87.28
	08-Apr-93	113.81	-	27.11	0.00	86.70
	27-May-93	113.81	-	27.96	0.00	85.85
	28-Jun-93	113.81	-	28.27	0.00	85.54
	02-Aug-93	113.81	-	31.24	0.00	82.57
	04-Oct-93	113.81	-	31.98	0.00	81.83
	01-Dec-93	113.81	-	32.09	0.00	81.72
	12-Jan-94	113.81	dry	dry	dry	dry
	01-Feb-94	113.81	-	32.07	0.00	81.74

TABLE 3

SUMMARY OF WATER LEVEL AND FLOATING PRODUCT MEASUREMENTS

Dunn-Edwards Corporation Facility
690 North Winchester Boulevard
San Jose, California

WELL	MEASUREMENT DATE	MEASURING POINT ELEVATION[1] (ft NGVD[2])	DEPTH TO PRODUCT (ft BMP[3])	DEPTH TO WATER (ft BMP[3])	PRODUCT THICKNESS (ft)	WATER LEVEL ELEVATION[4] (ft NGVD)
PZ-4	01-Mar-94	113.81	-	28.64	0.00	85.17
	07-Apr-94	113.81	-	27.98	0.00	85.83
	17-May-94	113.81	-	31.54	0.00	82.27
	06-Jul-94	113.81	-	30.83	0.00	82.98
	03-Oct-94	113.81	-	30.81	0.00	83.00
	09-Dec-94	113.81	-	31.99	0.00	81.82
	16-Jan-95	113.81	-	28.59	0.00	85.22
	09-Feb-95	113.81	-	27.10	0.00	86.71
	01-Mar-95	113.81	-	27.48	0.00	86.33
	01-Apr-95	113.81	-	26.26	0.00	87.55
	08-May-95	113.81	-	27.90	0.00	85.91
	19-Jul-95	113.81	-	28.51	0.00	85.30
	04-Oct-95	113.81	-	27.73	0.00	86.08
	01-Nov-95	113.81	-	28.96	0.00	84.85
	01-Dec-95	113.81	-	32.06	0.00	81.75
	04-Jan-96	113.81	dry	dry	dry	dry
	01-Feb-96	113.81	-	32.12	0.00	81.69
	09-Apr-96	113.81	-	27.37	0.00	86.44
MW-5	02-Aug-93	113.26	**	55.78	**	57.48
	04-Oct-93	113.26	-	56.47	0.00	56.79
	01-Dec-93	113.26	-	57.11	0.00	56.15
	12-Jan-94	113.26	-	57.25	0.00	56.03
	07-Apr-94	113.26	-	55.23	0.00	58.03
	06-Jul-94	113.26	-	53.58	0.00	59.68
	03-Oct-94	113.26	-	56.58	0.00	56.68
	16-Jan-95	113.26	-	57.69	0.00	55.57
	01-Apr-95	113.26	-	52.55	0.00	60.71
	08-May-95	113.26	-	49.18	0.00	64.08
	19-Jul-95	113.26	-	45.76	0.00	67.50
	04-Oct-95	113.26	-	46.71	0.00	66.55
	01-Nov-95	113.26	-	47.29	0.00	65.97
	04-Jan-96	113.26	-	47.62	0.00	65.64
	01-Feb-96	113.26	-	47.43	0.00	65.83
	09-Apr-96	113.26	-	44.81	0.00	68.45

TABLE 3

SUMMARY OF WATER LEVEL AND FLOATING PRODUCT MEASUREMENTS

Dunn-Edwards Corporation Facility
690 North Winchester Boulevard
San Jose, California

WELL	MEASUREMENT DATE	MEASURING POINT ELEVATION[1] (ft NGVD[2])	DEPTH TO PRODUCT (ft BMP[3])	DEPTH TO WATER (ft BMP)	PRODUCT THICKNESS (ft)	WATER LEVEL ELEVATION[4] (ft NGVD)
MW-6	06-Jul-93	113.96	dry	dry	dry	dry
	02-Aug-93	113.96	-	31.94	0.00	82.02
	04-Oct-93	113.96	dry	dry	dry	dry
	01-Dec-93	113.96	dry	dry	dry	dry
	12-Jan-94	113.96	dry	dry	dry	dry
	01-Feb-94	113.96	dry	dry	dry	dry
	01-Mar-94	113.96	dry	dry	dry	dry
	07-Apr-94	113.96	dry	dry	dry	dry
	17-May-94	113.96	dry	dry	dry	dry
	06-Jul-94	113.96	dry	dry	dry	dry
	03-Oct-94	113.96	dry	dry	dry	dry
	09-Dec-94	113.96	dry	dry	dry	dry
	16-Jan-95	113.96	dry	dry	dry	dry
	09-Feb-95	113.96	dry	dry	dry	dry
	01-Mar-95	113.96	dry	dry	dry	dry
	01-Apr-95	113.96	dry	dry	dry	dry
	08-May-95	113.96	-	32.20	0.00	81.76
	19-Jul-95	113.96	dry	dry	dry	dry
	04-Oct-95	113.96	dry	dry	dry	dry
	01-Nov-95	113.96	dry	dry	dry	dry
	01-Dec-95	113.96	dry	dry	dry	dry
	04-Jan-96	113.96	dry	dry	dry	dry
	01-Feb-96	113.96	dry	dry	dry	dry
	09-Apr-96	113.96	-	31.88	0.00	82.08
MW-7	06-Jul-93	114.60	dry	dry	dry	dry
	02-Aug-93	114.60	dry	dry	dry	dry
	04-Oct-93	114.60	dry	dry	dry	dry
	01-Dec-93	114.60	dry	dry	dry	dry
	12-Jan-94	114.60	dry	dry	dry	dry
	01-Feb-94	114.60	dry	dry	dry	dry
	01-Mar-94	114.60	dry	dry	dry	dry
	07-Apr-94	114.60	dry	dry	dry	dry
	17-May-94	114.60	dry	dry	dry	dry
	06-Jul-94	114.60	dry	dry	dry	dry
	03-Oct-94	114.60	dry	dry	dry	dry

TABLE 3

SUMMARY OF WATER LEVEL AND FLOATING PRODUCT MEASUREMENTS

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690 North Winchester Boulevard
San Jose, California

WELL	MEASUREMENT DATE	MEASURING POINT ELEVATION[1] (ft NGVD[2])	DEPTH TO PRODUCT (ft BMP[3])	DEPTH TO WATER (ft BMP)	PRODUCT THICKNESS (ft)	WATER LEVEL ELEVATION[4] (ft NGVD)
MW-7	09-Dec-94	114.60	dry	dry	dry	dry
	16-Jan-95	114.60	dry	dry	dry	dry
	09-Feb-95	114.60	dry	dry	dry	dry
	01-Mar-95	114.60	dry	dry	dry	dry
	01-Apr-95	114.60	dry	dry	dry	dry
	08-May-95	114.60	dry	dry	dry	dry
	19-Jul-95	114.60	dry	dry	dry	dry
	04-Oct-95	114.60	dry	dry	dry	dry
	01-Nov-95	114.60	dry	dry	dry	dry
	01-Dec-95	114.60	dry	dry	dry	dry
	04-Jan-96	114.60	dry	dry	dry	dry
	01-Feb-96	114.60	dry	dry	dry	dry
	09-Apr-96	114.60	dry	dry	dry	dry
PZ-8	06-Jul-93	113.68	dry	dry	dry	dry
	02-Aug-93	113.68	dry	dry	dry	dry
	04-Oct-93	113.68	dry	dry	dry	dry
	01-Dec-93	113.68	dry	dry	dry	dry
	12-Jan-94	113.68	dry	dry	dry	dry
	01-Feb-94	113.68	dry	dry	dry	dry
	01-Mar-94	113.68	dry	dry	dry	dry
	07-Apr-94	113.68	dry	dry	dry	dry
	17-May-94	113.68	dry	dry	dry	dry
	06-Jul-94	113.68	dry	dry	dry	dry
	03-Oct-94	113.68	dry	dry	dry	dry
	09-Dec-94	113.68	dry	dry	dry	dry
	16-Jan-95	113.68	dry	dry	dry	dry
	09-Feb-95	113.68	dry	dry	dry	dry
	01-Mar-95	113.68	dry	dry	dry	dry
	01-Apr-95	113.68	dry	dry	dry	dry
	08-May-95	113.68	dry	dry	dry	dry
	19-Jul-95	113.68	dry	dry	dry	dry
	04-Oct-95	113.68	dry	dry	dry	dry
	01-Nov-95	113.68	dry	dry	dry	dry
	01-Dec-95	113.68	dry	dry	dry	dry
	04-Jan-96	113.68	dry	dry	dry	dry

TABLE 3

SUMMARY OF WATER LEVEL AND FLOATING PRODUCT MEASUREMENTS

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WELL	MEASUREMENT DATE	MEASURING POINT ELEVATION[1] (ft NGVD[2])	DEPTH TO PRODUCT (ft BMP[3])	DEPTH TO WATER (ft BMP)	PRODUCT THICKNESS (ft)	WATER LEVEL ELEVATION[4] (ft NGVD)
PZ-8	01-Feb-96	113.68	dry	dry	dry	dry
	09-Apr-96	113.68	dry	dry	dry	dry
MW-9	01-Mar-95	112.86	dry	dry	dry	dry
	01-Apr-95	112.86	dry	dry	dry	dry
	08-May-95	112.86	dry	dry	dry	dry
	19-Jul-95	112.86	dry	dry	dry	dry
	04-Oct-95	112.86	dry	dry	dry	dry
	01-Nov-95	112.86	dry	dry	dry	dry
	01-Dec-96	112.86	dry	dry	dry	dry
	04-Jan-96	112.86	dry	dry	dry	dry
	01-Feb-96	112.86	dry	dry	dry	dry
	09-Apr-96	112.86	dry	dry	dry	dry

NOTES:

1 Measuring point (MP) is north side of top of well casing.
2 NGVD = National Geodetic Vertical Datum of 1929.
3 BMP = below measuring point.
4 Corrected for the buoyant effects of paint thinner resting on water, if applicable. The specific gravity of the paint thinner was assumed to be 0.8.
5 MP elevation was surveyed on April 15, 1992.
6 - indicates measurable free product layer not detected.
7 New MP elevation due to pump installation and wellhead modification on July 8, 1992.
8 * indicates unable to measure due to groundwater extraction equipment installed at wellhead.
9 This calculation assumes a measurable free product layer is not present.
10 A pumping test was performed on well MW-1 on July 14, 1992. This measurement was performed prior to start of the pumping test.
11 ** indicates not measured.
12 The depth to water and water level elevation are the average between the water level controls installed in this well.
13 Droplets of sheen were present on the water purged from the well prior to sampling.
14 Emulsified free product occured in the water during sampling.

WATER LEVEL MONITORING RECORD

WELL NUMBER or DATE: 8-12-98

Project No: 2274(8) Project Name: Dunn - Edwards PAGE: 1 of 2

Weather Conditions: clear, hot (low to mid 90's)

Measuring Point of Well (MP): Mark, north side top of casing

Measuring Device: Waterline 150' probe; steel tape w/chalk (and color-cut paste for F.P. measurement)

Observations / Comments: Used 1' clear acrylic bailer to check for thin LNAPL layer in wells MW-1 + MW-3

DATE or WELL	TIME	MP ELEVATION (feet, NGVD)	DEPTH TO WATER (feet below MP)	CONVERSIONS or CORRECTIONS TO DEPTH TO WATER	WATER LEVEL ELEVATION (feet, NGVD)	REMARKS	MEASURED BY
MW-7	850	114.60	DRY	–	DRY	No odor or wetness on probe	Waterline
							"
MW-5	853	113.26	36.68	-0.04	76.62	No odor on probe	Waterline
	855		36.68	-0.04			"
	900		36.64	–		No free product	Steel Tape
	903		36.64	–			"
PZ-4	907	113.81	31.95	-0.04	81.90	No odor	Waterline
	908		31.95	-0.04			"
	912		31.91	–		no free product	Steel Tape
PZ-8	917	113.68	DRY	–	DRY	No odor or wetness	Waterline
							"
MW-2 (PJR)	921	113.62	27.55	-0.05 (PJR)	86.12	No odor	Waterline
	922		27.55	-0.05			"
	925		27.50	–		No free Product	Steel Tape
MW-6 (PJR)	932	113.96	32.19	-0.05	81.82	Slight paint thinner odor	Waterline
	933		32.19	-0.05			"
	937		NA (hit bottom)	–		No free product	Steel Tape
MW-0	943	112.86	DRY	–	DRY	No odor or wetness	Waterline
MW-3	946	113.47	30.65	-0.05	82.87	Paint thinner odor, looks like product on probe (not sure)	Waterline
	947		30.65	-0.05			"
	951		30.60	–		No Free Product	Steel Tape

Measured by: P. McAlenney

Checked by: Ed Lunt 8/12/98

Water Levels Form, Rev: 9-8-95

McCulley, Frick & Gilman, Inc.

ATTACHMENT 7A

WATER LEVEL MONITORING RECORD

WELL NUMBER or DATE: 8-12-98

Project No: 2274(8) Project Name: Dunn-Edwards PAGE: 2 of 2

Weather Conditions:

Measuring Point of Well (MP): see page 1 of 1 8-12-98

Measuring Device:

Observations / Comments:

DATE or WELL	TIME	MP ELEVATION (feet, NGVD)	DEPTH TO WATER (feet below MP)	CONVERSIONS or CORRECTIONS (feet)	WATER LEVEL ELEVATION (feet, NGVD)	REMARKS	MEASURED BY
MW-3	955 (continued)	~~[illegible]~~ PSM	used clear bailer for F.P. check			No free product or sheen	Bailer
MW-1	959	115.02	28.33	-0.05	86.74	Paint thinner odor, not as strong as MW-3	Waterline
	1000		28.33	-0.05			"
	1005		NA (hit bottom)			No measurable F.P.	Steel Tape
	1010		use clear bailer for F.P. check			No Free product or sheen	Bailer

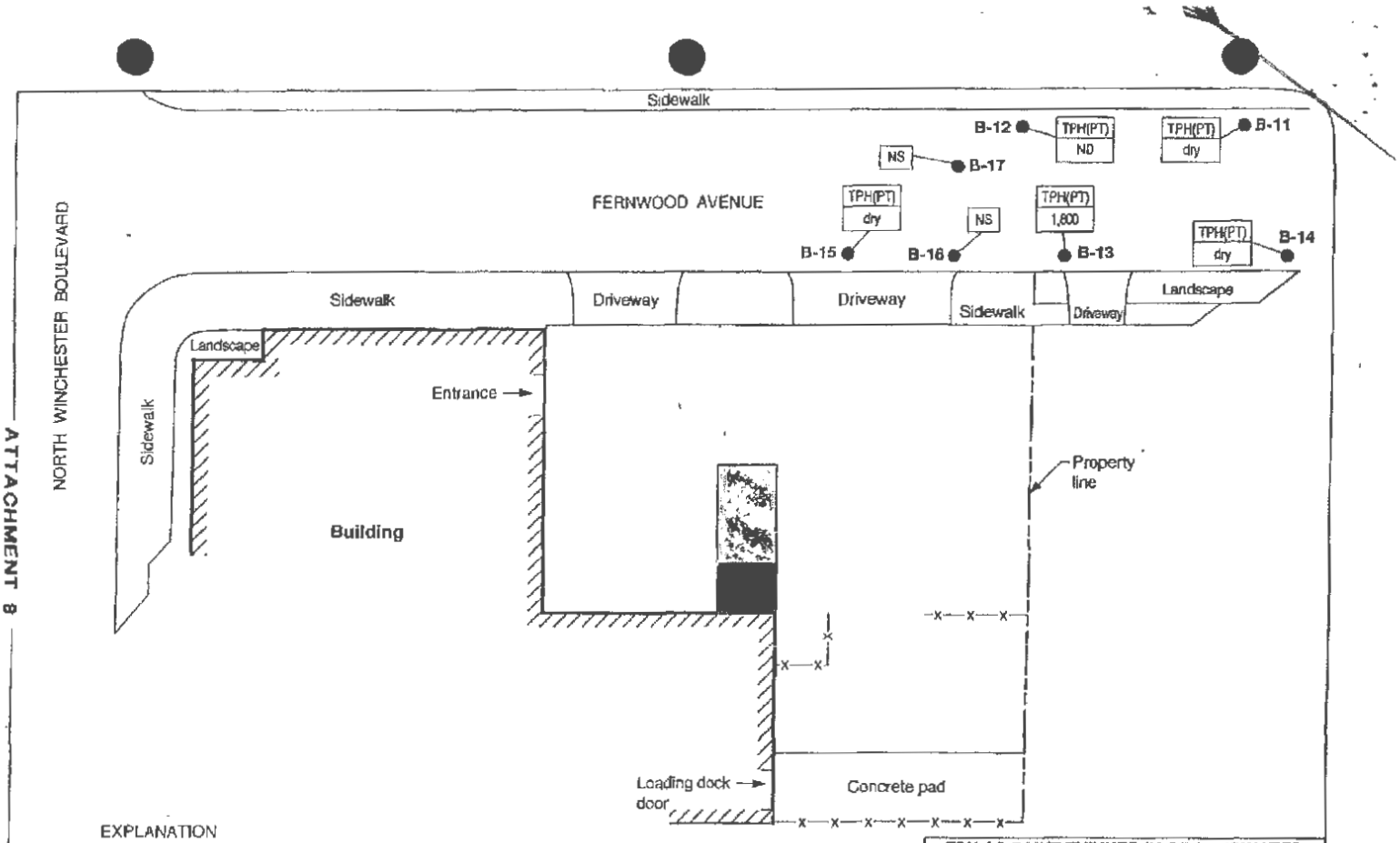
* No free product or sheen were observed in any of the wells.

Peter Thiemann of SCVWD was present at the Site for the water level and free product measurements

Measured by: P. McAlenney

Checked by: Ed Conti 8/12/98

McCulley, Frick & Gilman, Inc.
5 Third Street, Suite 400
San Francisco, California 94103
415 - 495 - 7110



EXPLANATION

B-15 ● Soil boring

Location of 10,000-gallon storage tank removed in January 1988

Location of 110-gallon storage tank removed in November 1991

-x—x- Fence

Notes:
1. TPH(PT) = Total petroleum hydrocarbons as paint thinner, measured in µg/L.
2. ND = Not detected at or above the laboratory method reporting limit indicated in Table 2.
3. NS = Not sampled. The presence of perched groundwater was not evaluated in these borings.

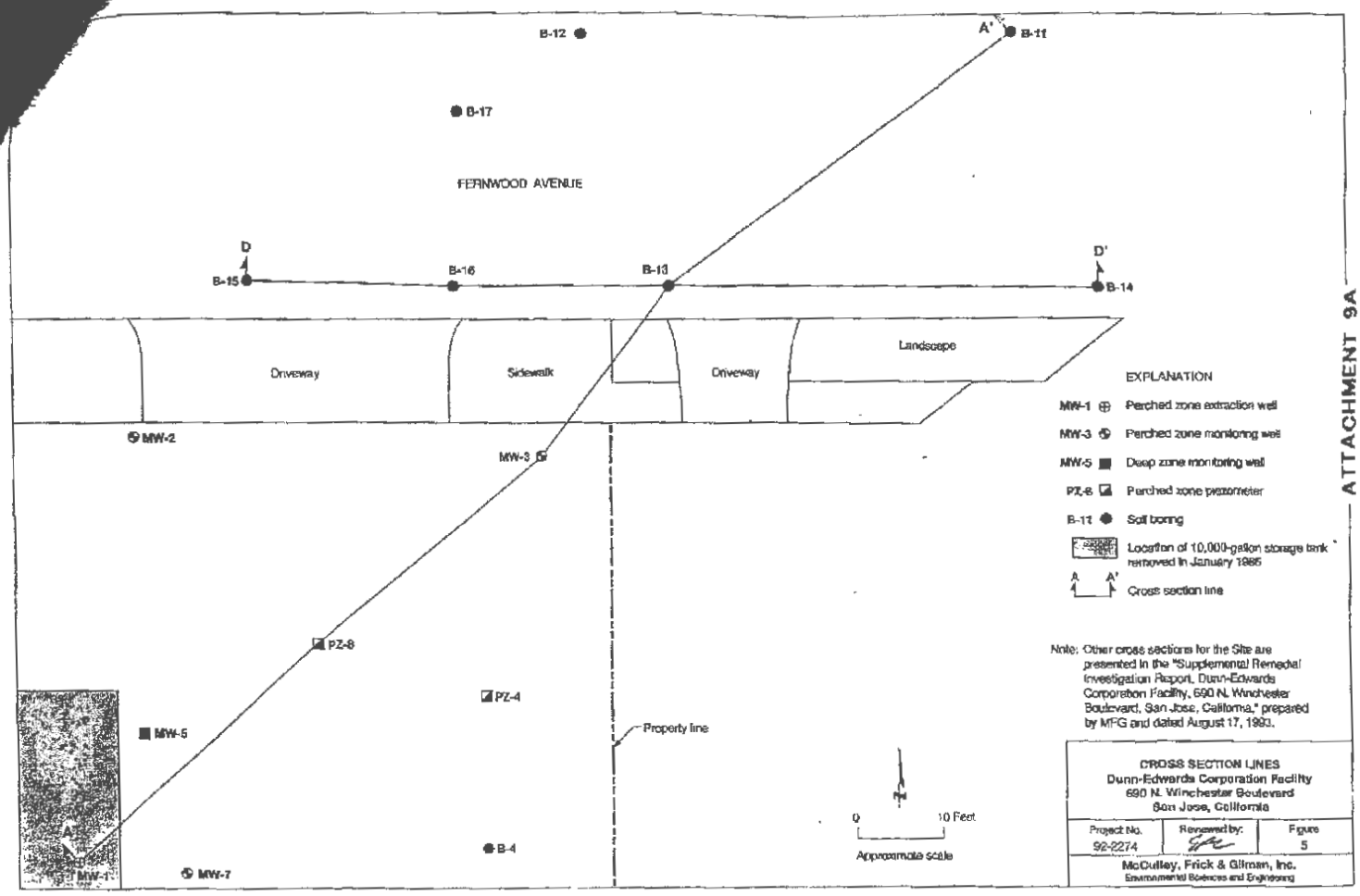
0 30 Feet

TPH AS PAINT THINNER IN GROUNDWATER GRAB SAMPLES COLLECTED FROM OFF-SITE BORINGS IN MAY 1994
Dunn-Edwards Corporation Facility
690 N. Winchester Boulevard
San Jose, California

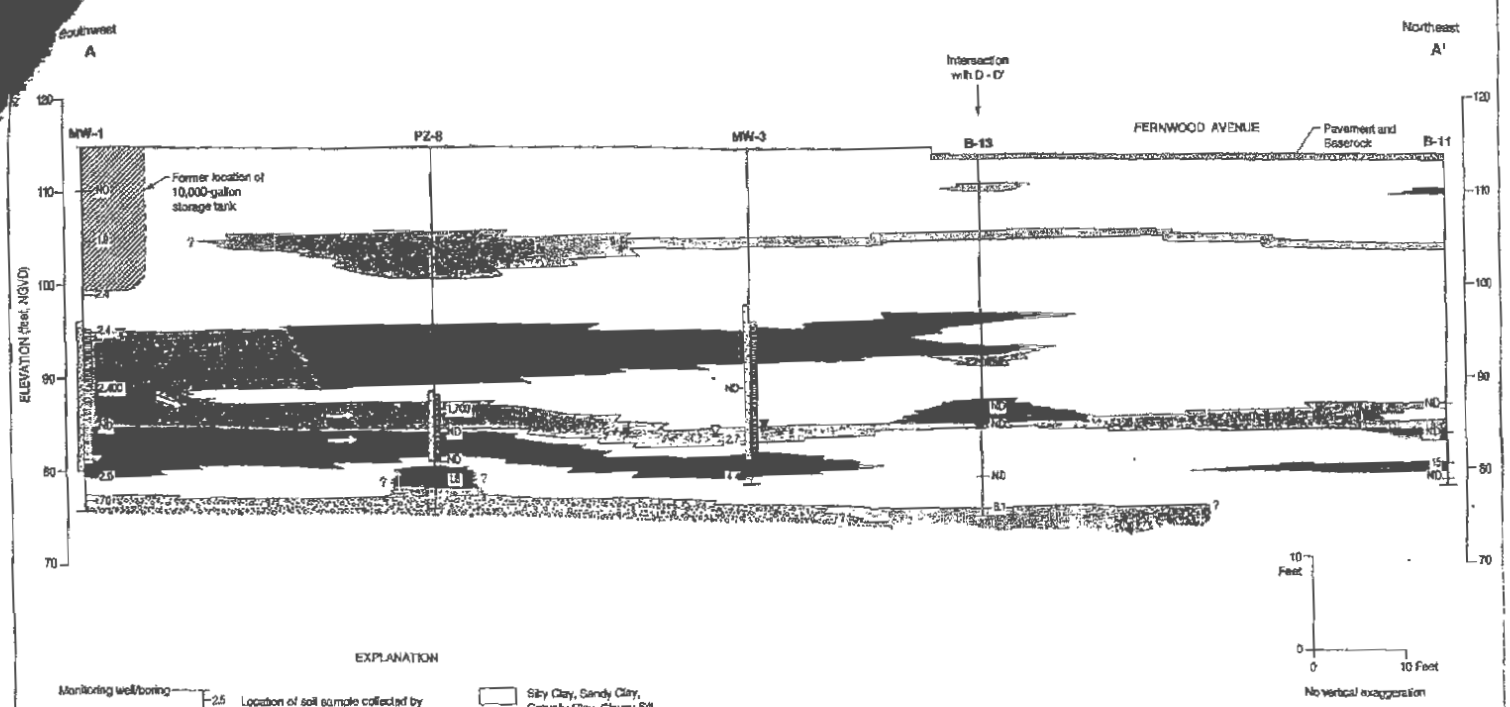
Project No.	Reviewed by:	Figure
92-2274		4

McCulley, Frick & Gilman, Inc.
Environmental Sciences and Engineering

ATTACHMENT 8



ATTACHMENT 9A



EXPLANATION

Monitoring well/boring

Water level elevation 4/3/92

Water level elevation 4/7/94

Filter pack

Bottom of boring

2.5 Location of soil sample collected by MFG showing TPH as paint thinner concentration in mg/Kg

ND = Not detected at or above the laboratory method reporting limit

Screen interval

Silty Clay, Sandy Clay, Gravelly Clay, Clayey Silt

Sandy Silt, Silt, Clayey Sand, Clayey Gravel, Clayey Sand with Gravel, Sand with Clay and Gravel

Silty Sand, Sand, Sand with Gravel

Sandy Gravel, Gravel

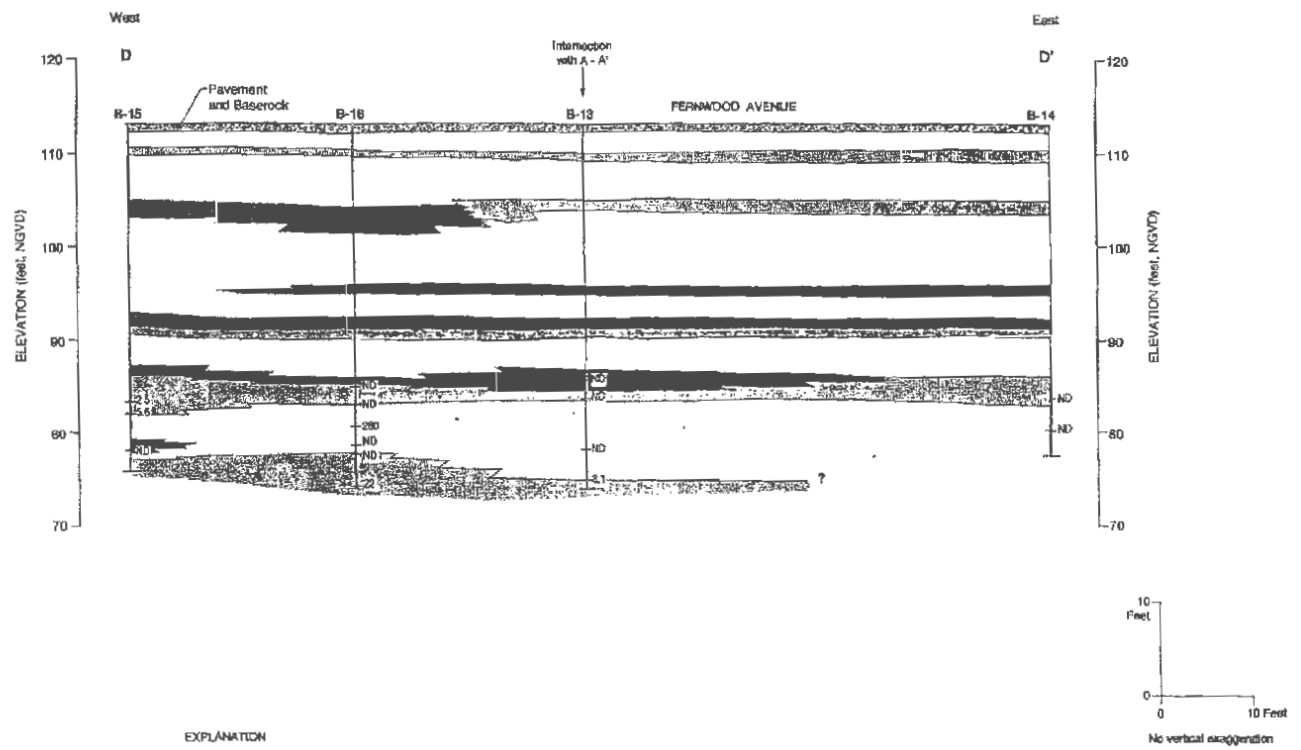
Potential direction of contaminant movement

Notes:
1. Refer to Figure 5 for plan view of section lines.
2. For summary of analytical results, refer to Table 1 of the report and Table 1 of "Supplemental Remedial Investigation Report, Dunn-Edwards Corporation Facility, 690 N. Winchester Boulevard, San Jose, California," prepared by MFG and dated August 17, 1993.
3. The water level elevation in extraction well MW-1 on 4/7/94 is the average elevation between water level controls installed in that well.

GENERALIZED HYDROGEOLOGIC CROSS SECTION
A - A' AND TPH AS PAINT THINNER
CONCENTRATIONS DETECTED IN SOIL
Dunn-Edwards Corporation Facility
690 N. Winchester Boulevard
San Jose, California

Project No.	Reviewed by:	Figure
92-2274		6

McCulley, Frick & Gilman, Inc.
Environmental Sciences and Engineering



EXPLANATION

Boring — 2.5 Location of soil sample collected by MFG showing TPH as paint thinner concentration in mg/Kg

ND ND = Not detected at or above the laboratory method reporting limit.

Bottom of boring

Silty Clay, Sandy Clay, Gravelly Clay, Clayey Silt

Sandy Silt, Clayey Sand, Clayey Gravel, Clayey Sand with Gravel

Silty Sand, Sand, Sand with Gravel

Sandy Gravel, Gravel

Notes: 1. Refer to Figure 5 for plan view of section lines.
2. Refer to Table 1 for summary of analytical results

GENERALIZED HYDROGEOLOGIC CROSS SECTION
D - D' AND TPH AS PAINT THINNER
CONCENTRATIONS DETECTED IN SOIL
Dunn-Edwards Corporation Facility
690 N. Winchester Boulevard
San Jose, California

Project No.	Reviewed by:	Figure
92-2274		7

McCulley, Frick & Gilman, Inc.
Environmental Sciences and Engineering

ATTACHMENT 10

TABLE 3

TCLP LEACHABILITY TESTING RESULTS[1]

Dunn-Edwards Corporation Facility
690 North Winchester Boulevard
San Jose, California

	SOIL SAMPLE	LEACHATE SAMPLE	SOIL SAMPLE	LEACHATE SAMPLE	SOIL SAMPLE	LEACHATE SAMPLE
Sample I.D.	MW7-6-3		PZ8-7-2		PZ8-8-2	
Date Sampled	23-Jun-93		23-Jun-93		23-Jun-93	
Soil Sample Depth (feet bgl[2])	28-28.5		27.5-28		30.5-31	
Lithology	silt		f sand		clayey sand	
TPN[3]-paint thinner	430 mg/Kg	0.096[4] mg/L	1,700 mg/Kg	0.63 mg/L	ND[5]	0.64[4] mg/L

NOTES:

1. Copies of the complete analytical report and chain-of-custody records are included in Appendix D.
2. bgl = below ground level.
3. TPN = Total Petroleum Hydrocarbons quantitated against a paint thinner standard.
4. According to the laboratory analytical report, the chromatogram patterns of samples MW7-6-3 and PZ8-8-2 consist of discrete peaks not resembling a paint thinner pattern (Appendix D).
5. ND = not detected at or above laboratory reporting limit of 1.0 mg/Kg.

Appendix I

/BL#071643

ENTERED

UNIDOCS
FACILITY INFORMATION
BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID# (Agency Use Only): 3 0 1 6 9 8

EPA ID# (Hazardous Waste Only):

BUSINESS NAME (Same as Facility Name or DBA - Doing Business As): Cell Site CA1100

BUSINESS SITE ADDRESS: 100 North Winchester Ave.

BUSINESS SITE CITY: Santa Clara | CA | ZIP CODE: 95050

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page.

Does your facility...		If Yes, please complete these pages of the UPCF...
A. HAZARDOUS MATERIALS Have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO	HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES ☒ NO	Coordinate with your local agency responsible for CalARP.
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	☐ YES ☒ NO	UST OPERATING PERMIT APPLICATION - FACILITY INFORMATION UST OPERATING PERMIT APPLICATION - TANK INFORMATION
D. ABOVE GROUND PETROLEUM STORAGE Own or operate ASTs above these thresholds: Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers?	☐ YES ☒ NO	No form required to CUPAs
E. HAZARDOUS WASTE Generate hazardous waste?	☐ YES ☒ NO	EPA ID NUMBER – provide at top of this page
Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)?	☐ YES ☒ NO	RECYCLABLE MATERIALS REPORT (one per recycler)
Treat hazardous waste onsite?	☐ YES ☒ NO	ONSITE HAZARDOUS WASTE TREATMENT NOTIFICATION – FACILITY PAGE ONSITE HAZARDOUS WASTE TREATMENT NOTIFICATION - UNIT PAGE (one page per unit)
Perform treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO	CERTIFICATION OF FINANCIAL ASSURANCE
Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO	REMOTE WASTE CONSOLIDATION SITE ANNUAL NOTIFICATION
Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste?	☐ YES ☒ NO	Obtain federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator
Serve as a Household Hazardous Waste (HHW) Collection site?	☐ YES ☒ NO	See CUPA for required forms.

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F. LOCAL REQUIREMENTS (You may also be required to provide additional information by your CUPA or local agency.)

100 N Winchester

UNIDOCS
FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID # (Agency Use Only)		BEGINNING DATE: 08/06/2009	ENDING DATE: 08/06/2012
BUSINESS NAME (Same as Facility Name or DBA – Doing Business As)		BUSINESS PHONE	
Cell Site CA1100		(877) 347 4457 option 4	
BUSINESS SITE ADDRESS		BUSINESS FAX	
100 North Winchester Ave.		n/a	
BUSINESS SITE CITY	ZIP CODE	COUNTY	
Santa Clara	CA 95050	Santa Clara	
DUN & BRADSTREET	PRIMARY SIC	PRIMARY NAICS	
00-694-2395	-	517212	
BUSINESS MAILING ADDRESS			
PO Box 7994			
BUSINESS MAILING CITY	STATE	ZIP CODE	
Shawnee Mission	KS	66207-0994	
BUSINESS OPERATOR NAME	BUSINESS OPERATOR PHONE		
Nextel of California	877 347 4457 option 4		

II. BUSINESS OWNER

OWNER NAME	OWNER PHONE	
Nextel of California	877 347 4457 option 4	
OWNER MAILING ADDRESS		
PO Box 7994		
OWNER MAILING CITY	STATE	ZIP CODE
Shawnee Mission	KS	66207-0994

III. ENVIRONMENTAL CONTACT

CONTACT NAME	CONTACT PHONE	
California EHS Specialist	913-762-6004	
CONTACT MAILING ADDRESS	CONTACT EMAIL	
PO Box 7994		
CONTACT MAILING CITY	STATE	ZIP CODE
Shawnee Mission	KS	66207-0994

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME: Environmental Surveillance Team	NAME: Environmental Health & Safety Helpline
TITLE: Network Engineer	TITLE: Environmental Health & Safety Helpline
BUSINESS PHONE: (866) 400 6040 ext. 2, 2, 4 or 5	BUSINESS PHONE: (877) 347 4457
24-HOUR PHONE: (866) 400 6040 ext. 2, 2, 4 or 5	24-HOUR PHONE: (877) 347 4457
PAGER #: n/a	PAGER #: n/a

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Billing Address: PO Box 7994, Shawnee Mission KS 66207-0994

Property Owner: Valley Ridge Investment, LLC Phone No.: 206-780-3600

Certification: Based on my inquiry of those individuals responsible for obtaining the information I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE: Genevieve de la Torre	DATE: 08/06/2009	NAME OF DOCUMENT PREPARER: Genevieve de la Torre
NAME OF SIGNER (print): Genevieve de la Torre	TITLE OF SIGNER: BB&J contracted EHS specialist	

UNIDOCS
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(One page per material per building or area)

☐ ADD ☐ DELETE ☒ REVISE Page 3 of 9

I. FACILITY INFORMATION

BUSINESS NAME (Same as Facility Name in CBS) (Doing Business As)
Cell Site CA1100

CHEMICAL LOCATION
Contained in lead acid batteries within cell site shelter

CHEMICAL LOCATION CONFIDENTIAL EPCRA ☐ YES ☒ NO

FACILITY ID # (Agency Use Only) | MAP # (Optional) | GRID # (Optional)

II. CHEMICAL INFORMATION

CHEMICAL NAME
LEAD ACID BATTERY (Electrical Storage Battery)

TRADE SECRET (Subject to EPCRA, refer to instructions) ☐ Yes ☒ No

COMMON NAME
LEAD ACID BATTERY (Electrical Storage Battery)

EHS* ☐ Yes ☐ No

CAS#

*If EHS is "Yes," all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA)
Other health hazard material, Class 2 water-reactive, corrosive

HAZARDOUS MATERIAL TYPE (Check one item only) ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

RADIOACTIVE ☐ Yes ☒ No | CURIES n/a

PHYSICAL STATE (Check one item only) ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS

LARGEST CONTAINER 152

FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☒ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
1824	1824	n/a	n/a

UNITS* (Check one item only) ☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS

*If EHS, amount must be in pounds.

DAYS ON SITE 365

STORAGE CONTAINER
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☒ r. OTHER

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	% WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1.	79	Lead	☐ Yes ☒ No	7439-92-1
2.	6	Sulfuric Acid	☒ Yes ☐ No	7664-93-9
3.			☐ Yes ☐ No	
4.			☐ Yes ☐ No	
5.			☐ Yes ☐ No	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheet(s) of paper containing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION
DOT Hazard Class: 8

12 SLF 12205 If EPCRA, Please Sign Here:

If this facility is subject to Federal Emergency Planning and Community Right to Know Act (EPCRA) reporting requirements, a signature is required at the bottom of the form if the page lists an Extremely Hazardous Substance (EHS) handled at or above its Federal Threshold Planning Quantity (TPQ) or 500 pounds, whichever is less.

Emergency Response/Contingency Plan

(Hazardous Materials Business Plan Module)

Authority Cited: HSC§ 25504(b); 19 CCR §2731; 22 CCR §66262.34(a)(4)

All facilities that handle hazardous materials in HMBP quantities must have a written emergency response plan. In addition, facilities that generate 1,000 kilograms or more of hazardous waste (or more than 1 kilogram of acutely hazardous waste or 100 kilograms of debris resulting from the spill of an acutely hazardous waste) per month, or accumulate more than 6,000 kilograms of hazardous waste on-site at any one time, must prepare a hazardous waste contingency plan. Because the requirements are similar, they have been combined in a single document, provided below, for your convenience. This plan is a required module of the Hazardous Materials Business Plan (HMBP). **If you already have a plan that meets these requirements, you should not complete the blank plan, below, but you must include a copy of your existing plan as part of your HMBP.**

This site-specific Emergency Response/Contingency Plan is the facility's plan for dealing with emergencies and shall be implemented immediately whenever there is a fire, explosion, or release of hazardous materials that could threaten human health and/or the environment. **At least one copy of the plan shall be maintained at the facility for use in the event of an emergency and for inspection by the local agency.** A copy of the plan and any revisions must be provided to any contractor, hospital, or agency with whom special (i.e., contractual) emergency services arrangements have been made *(see section 3, below)*.

1. Evacuation Plan:

a. The following alarm signal(s) will be used to begin evacuation of the facility *(check all that apply)*:

☐ Bells; ☐ Horns/Sirens; ☒ Verbal *(i.e., shouting)*; ☐ Other *(specify)* _____

b. ☐ Evacuation map is prominently displayed throughout the facility.

Note: A properly completed HMBP Site Plan satisfies contingency plan map requirements. This drawing (or any other drawing that shows primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas) must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

2. a. Emergency Contacts*:

Fire/Police/Ambulance	Phone No.: 911
State Office of Emergency Services	Phone No.: (800) 852-7550

b. Post-Incident Contacts*:

Local Fire Agency	Phone No.:
Local Hazardous Materials Program	Phone No.: 408-615-4960
California EPA Department of Toxic Substances Control	Phone No.: 510-540-2122
Cal-OSHA Division of Occupational Safety and Health	Phone No.: (510) 286 7000
Air Quality Management District	Phone No.: 415-771-6000
Regional Water Quality Control Board	Phone No.: 805-549-3147

* Phone numbers for agencies in Unidocs Member Agency geographic jurisdictions are available at www.unidocs.org.

c. Emergency Resources:

Poison Control Center*	Phone No.: (800) 222-1222

Nearest Hospital: Name: O'CONNOR HOSPITAL Phone No.: 408-947-2500

Address: 2105 FOREST AVENUE City: San Jose

3. Arrangements With Emergency Responders:

If you have made special (i.e., contractual) arrangements with any police department, fire department, hospital, contractor, or State or local emergency response team to coordinate emergency services, describe those arrangements below:

A contract has been established with Hazmat Response, Inc (877-347-4457) which can deliver teams of skilled and experienced field personnel and other technical experts to handle the mitigation and remediation of a significant release, spill, leak, etc.

4. **Emergency Procedures:**

Emergency Coordinator Responsibilities:

a. Whenever there is an imminent or actual emergency situation such as a explosion, fire, or release, the emergency coordinator *(or his/her designee when the emergency coordinator is on call)* shall:
   i. Identify the character, exact source, amount, and areal extent of any released hazardous materials.
   ii. Assess possible hazards to human health or the environment that may result from the explosion, fire, or release. This assessment must consider both direct and indirect effects *(e.g., the effects of any toxic, irritating, or asphyxiating gases that are generated, the effects of any hazardous surface water run-off from water or chemical agents used to control fire, etc.)*.
   iii. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
   iv. Notify appropriate local authorities *(i.e., call 911)*.
   v. Notify the State Office of Emergency Services at 1-800-852-7550.
   vi. Monitor for leaks, pressure build-up, gas generation, or ruptures in valves, pipes, or other equipment shut down in response to the incident.
   vii. Take all reasonable measures necessary to ensure that fires, explosions, and releases do not occur, recur, or spread to other hazardous materials at the facility.

b. Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall:
   i. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from a explosion, fire, or release at the facility.
   ii. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.
   iii. Ensure that all emergency equipment is cleaned, fit for its intended use, and available for use.
   iv. Notify the California Environmental Protection Agency's Department of Toxic Substances Control, the local CUPA, and the local fire department's hazardous materials program that the facility is in compliance with requirements b-i and b-ii, above.

Responsibilities of Other Personnel:

On a separate page, list any emergency response functions not covered in the "Emergency Coordinator Responsibilities" section, above. Next to each function, list the job title or name of each person responsible for performing the function. Number the page(s) appropriately.

5. **Post-Incident Reporting/Recording:**

The time, date, and details of any hazardous materials incident that requires implementation of this plan shall be noted in the facility's operating record.

Within 15 days of any hazardous materials emergency incident or threatened hazardous materials emergency incident that triggers implementation of this plan, a written Emergency Incident Report, including, but not limited to a description of the incident and the facility's response to the incident, must be submitted to the California Environmental Protection Agency's Department of Toxic Substances Control, the local CUPA, and the local fire department's hazardous materials program. The report shall include:
   a. Name, address, and telephone number of the facility's owner/operator;
   b. Name, address, and telephone number of the facility;
   c. Date, time, and type of incident *(e.g., fire, explosion, etc.)*;
   d. Name and quantity of material(s) involved;
   e. The extent of injuries, if any;
   f. An assessment of actual or potential hazards to human health or the environment, where this is applicable;
   g. Estimated quantity and disposition of recovered material that resulted from the incident;
   h. Cause(es) of the incident;
   i. Actions taken in response to the incident;
   j. Administrative or engineering controls designed to prevent such incidents in the future.

6. **Earthquake Vulnerability:** [19 CCR §2731(e)]

As an attachment to this plan, you must identify any areas of the facility and mechanical or other systems that require immediate inspection or isolation because of their vulnerability to earthquake-related ground motion.

7. **Hazard Mitigation/Prevention/Abatement** [19 CCR §2731(e)]

As an attachment to this plan, you must include procedures that provide for mitigation, prevention, or abatement of hazards to persons, property, or the environment. These procedures must be scaled appropriately for the size and nature of the business, the nature of the damage potential of the hazardous materials handled, and the proximity of the business to residential areas and other populations.

8. **Emergency Equipment:**

22 CCR §66265.52(e) [as referenced by 22 CCR §66262.34(a)(4)] requires that emergency equipment at the facility be listed. Completion of the following Emergency Equipment Inventory Table meets this requirement.

EMERGENCY EQUIPMENT INVENTORY TABLE

1. Equipment Category	2. Equipment Type	3. Locations *	4. Description**
Personal Protective Equipment, Safety Equipment, and First Aid Equipment	☐ Cartridge Respirators		
	☐ Chemical Monitoring Equipment *(describe)*		
	☐ Chemical Protective Aprons/Coats		
	☐ Chemical Protective Boots		
	☒ Chemical Protective Gloves	Vehicle +	Maintained within field technicians vehicle
	☐ Chemical Protective Suits *(describe)*		
	☐ Face Shields		
	☒ First Aid Kits/Stations *(describe)*	Vehicle	Maintained within field technicians vehicle
	☒ Hard Hats	Vehicle	Maintained within field technicians vehicle
	☐ Plumbed Eye Wash Stations		
	☐ Portable Eye Wash Kits *(i.e., bottle type)*		
	☐ Respirator Cartridges *(describe)*		
	☒ Safety Glasses/Splash Goggles	Vehicle	Maintained within field technicians vehicle
	☐ Safety Showers		
	☐ Self-Contained Breathing Apparatuses (SCBA)		
	☐ Other *(describe)*		
Fire Extinguishing Systems	☐ Automatic Fire Sprinkler Systems		
	☐ Fire Alarm Boxes/Stations		
	☐ Fire Extinguisher Systems *(describe)*		
	☒ Fire Extinguishers *(describe)*	Vehicle	Maintained within field technicians vehicle
	☐ Other *(describe)*		
Spill Control Equipment and Decontamination Equipment	☐ Absorbents *(describe)*		
	☐ Berms/Dikes *(describe)*		
	☐ Decontamination Equipment *(describe)*		
	☐ Emergency Tanks *(describe)*		
	☐ Exhaust Hoods		
	☐ Gas Cylinder Leak Repair Kits *(describe)*		
	☐ Neutralizers *(describe)*		
	☐ Overpack Drums		
	☐ Sumps *(describe)*		
	☐ Other *(describe)*		
Communications and Alarm Systems	☐ Chemical Alarms *(describe)*		
	☐ Intercoms/ PA Systems		
	☐ Portable Radios		
	☒ Telephones	Person	Mobile phones carried by employees
	☐ Tank Leak Detection Systems		
	☐ Other *(describe)*		
Additional Equipment *(Use Additional Pages if Needed.)*	☐		
	☐		
	☐		
	☐		
	☐		
	☐		

* *Use the map and grid numbers from the Storage Map prepared earlier for your HMBP.*

** *Describe the equipment and its capabilities. If applicable, specify any testing/maintenance procedures/intervals. Attach additional pages, numbered appropriately, if needed.*

Employee Training Plan

(Hazardous Materials Business Plan Module)

Authority Cited: HSC, Section 25504(c); 22 CCR §66262.34(a)(4)

All facilities that handle hazardous materials in HMBP quantities must have a written employee training plan. This plan is a required module of the Hazardous Materials Business Plan (HMBP). A blank plan has been provided below for you to complete and submit if you do not already have such a plan. **If you already have a brief written description of your training program that addresses all subjects covered below, you are not required to complete the blank plan, below, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. *[Note: Items marked with an asterisk (*) are required.]:*

1. **Personnel** are trained in the following procedures:

☒ Internal alarm/notification *	
☒ Evacuation/re-entry procedures & assembly point locations*	
☒ Emergency incident reporting	
☐ External emergency response organization notification	
☐ Location(s) and contents of Emergency Response/Contingency Plan	
☐ Facility evacuation drills, that are conducted at least *(specify)*:	*(e.g., "Quarterly", etc.)*

2. **Chemical Handlers** are additionally trained in the following:

☐ Safe methods for handling and storage of hazardous materials *
☐ Location(s) and proper use of fire and spill control equipment
☐ Spill procedures/emergency procedures
☐ Proper use of personal protective equipment *
☐ Specific hazard(s) of each chemical to which they may be exposed, including routes of exposure *(i.e., inhalation, ingestion, absorption)* *
☐ **Hazardous Waste Handlers/Managers** are trained in all aspects of hazardous waste management specific to their job duties *(e.g., container accumulation time requirements, labeling requirements, storage area inspection requirements, manifesting requirements, etc.)* *

3. **Emergency Response Team Members** are capable of and engaged in the following:

Complete this section only if you have an in-house emergency response team

☐ Personnel rescue procedures	
☐ Shutdown of operations	
☐ Liaison with responding agencies	
☐ Use, maintenance, and replacement of emergency response equipment	
☐ Refresher training, which is provided at least annually *	
☐ Emergency response drills, which are conducted at least *(specify)*:	*(e.g., "Quarterly", etc.)*

Record Keeping

(Hazardous Materials Business Plan Module)

All facilities that handle hazardous materials must maintain records associated with their management. A summary of your record keeping procedures is a required module of the Unidocs Hazardous Materials Business Plan (HMBP). A blank summary has been provided below for you to complete and submit if you do not already have such a document. **If you already have a brief written description of your hazardous materials record keeping systems that addresses all subjects covered below, you are not required to complete this page, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. The following records are maintained at the facility. *[Note: Items marked with an asterisk (*) are required.]:*

☒	Current employees' training records *(to be retained until closure of the facility)* *
☒	Former employees' training records *(to be retained at least three years after termination of employment)* *
☒	Training Program(s) *(i.e., written description of introductory and continuing training)* *
☒	Current copy of this Emergency Response/Contingency Plan *
☒	Record of recordable/reportable hazardous material/waste releases *
☒	Record of hazardous material/waste storage area inspections *
☐	Record of hazardous waste tank daily inspections *
☐	Description and documentation of facility emergency response drills

Note: The above list of records does not necessarily identify every type of record required to be maintained by the facility.

Note: The following section applies where local agencies require facility owners/operators to perform and document routine facility self-inspections:

A copy of the Inspection Check Sheet(s) or Log(s) used in conjunction with required routine self-inspections of your facility must be submitted with your HMBP. *[Exception: Unidocs provides a Hazardous Materials/Waste Storage Area Inspection Form that you may use if you do not already have your own form. If you use the Unidocs form (available at* **www.unidocs.org***), you do not need to attach a copy.]*

Check the appropriate box:

☐	We will use the Unidocs "Hazardous Materials/Waste Storage Area Inspection Form" to document inspections.
☐	We will use our own documents to record inspections. ***(A blank copy of each document used must be attached to this HMBP.)***

Appendix J

Santana Atrium Property
100 N. Winchester Boulevard
Santa Clara, CA 95050

Inquiry Number: 4211656.2s
February 18, 2015

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

100 N. WINCHESTER BOULEVARD
SANTA CLARA County, CA 95050

COORDINATES

Latitude (North):	37.3287000 - 37˚ 19' 43.32''
Longitude (West):	121.9512000 - 121˚ 57' 4.32''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	592918.6
UTM Y (Meters):	4131648.8
Elevation:	121 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37121-C8 SAN JOSE WEST, CA
Most Recent Revision:	1980

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120520
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
SAN JOSE TYPE 100 NORTH WINCHESTER BLVD. SAN JOSE, CA 00000	HAZNET	N/A
NEXTEL OF CALIFORNIA 100 N WINCHESTER BLVD SANTA CLARA, CA 95050	FINDS	N/A
BEST CHIROPRACTIC INC 100 N WINCHESTER BLVD SANTA CLARA, CA 90000	HAZNET	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-CESQG ..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

Federal ERNS list

ERNS ..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ..... Solid Waste Information System

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

SLIC ..... Statewide SLIC Cases
INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST ..... Active UST Facilities
AST ..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
HAULERS ..... Registered Waste Tire Haulers Listing
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands
WMUDS/SWAT ..... Waste Management Unit Database

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
SCH ..... School Property Evaluation Program
Toxic Pits ..... Toxic Pits Cleanup Act Sites
CDL ..... Clandestine Drug Labs
US HIST CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information
LIENS ..... Environmental Liens Listing

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
CHMIRS ..... California Hazardous Material Incident Report System
LDS ..... Land Disposal Sites Listing
MCS ..... Military Cleanup Sites Listing
SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR ..... RCRA - Non Generators / No Longer Regulated

EXECUTIVE SUMMARY

DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
US MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
CA BOND EXP. PLAN	Bond Expenditure Plan
NPDES	NPDES Permits Listing
UIC	UIC Listing
Notify 65	Proposition 65 Records
WIP	Well Investigation Program Case List
ENF	Enforcement Action Listing
EMI	Emissions Inventory Data
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
LEAD SMELTERS	Lead Smelter Sites
MWMP	Medical Waste Management Program Listing
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
Financial Assurance	Financial Assurance Information Listing
PROC	Certified Processors Database
HWT	Registered Hazardous Waste Transporter Database
HWP	EnviroStor Permitted Facilities Listing
WDS	Waste Discharge System
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
2020 COR ACTION	2020 Corrective Action Program List
PRP	Potentially Responsible Parties
COAL ASH DOE	Steam-Electric Plant Operation Data

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/09/2014 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DUNN-EDWARDS CORPORATION	***690 NORTH WINCHESTER BL***	***E 0 - 1/8 (0.014 mi.)***	***B5***	***10***
ACC U TUNE & BRAKE	***498 N WINCHESTER BLVD***	***SSE 0 - 1/8 (0.079 mi.)***	***D19***	***28***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WALGREENS 2612	***200 N WINCHESTER***	***NE 0 - 1/8 (0.029 mi.)***	***B8***	***16***

State- and tribal - equivalent NPL

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the RESPONSE list, as provided by EDR, and dated 11/03/2014 has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOWN & COUNTRY VILLAGE SHOPPIN	***2980 & 3030 STEVENS CRE***	***SSE 1/4 - 1/2 (0.378 mi.)***	***F33***	***58***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 11/03/2014 has revealed that there are 3 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BAY AREA RESEARCH EXTENSION CE	***90 NORTH WINCHESTER BLV***	***SSW 1/8 - 1/4 (0.162 mi.)***	***28***	***43***
Status: Certified				
TOWN & COUNTRY VILLAGE SHOPPIN	***2980 & 3030 STEVENS CRE***	***SSE 1/4 - 1/2 (0.378 mi.)***	***F33***	***58***
Status: Certified / Operation & Maintenance				
485 SOUTH MONROE	***485 SOUTH MONROE STREET***	***SSE 1/2 - 1 (0.743 mi.)***	***40***	***109***
Status: Certified				

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 01/20/2015 has revealed that there are 14 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DUNN-EDWARDS CORPORATION	***690 NORTH WINCHESTER BL***	***E 0 - 1/8 (0.014 mi.)***	***B5***	***10***
Status: Completed - Case Closed				
DUNN-EDWARDS PAINTS	***690 N WINCHESTER BLVD***	***E 0 - 1/8 (0.014 mi.)***	***B6***	***15***
FIRESTONE STORES	***3150 STEVENS CREEK BLVD***	***S 1/4 - 1/2 (0.360 mi.)***	***31***	***51***
Status: Completed - Case Closed				
COURTESY CEHVROLET	***3030 STEVENS CREEK***	***SSE 1/4 - 1/2 (0.370 mi.)***	***F32***	***54***
Status: Completed - Case Closed				
CHEVRON	***2910 STEVENS CREEK***	***SE 1/4 - 1/2 (0.437 mi.)***	***G34***	***94***
Status: Completed - Case Closed				
CHEVRON #9-9079	***2910 STEVENS CREEK BLVD***	***SE 1/4 - 1/2 (0.437 mi.)***	***G35***	***98***
STEVENS CREEK NISSAN	***3565 STEVENS CREEK BLVD***	***SW 1/4 - 1/2 (0.456 mi.)***	***36***	***98***
Status: Completed - Case Closed				
UNOCAL #3969	***2850 STEVENS CREEK BLVD***	***SE 1/4 - 1/2 (0.496 mi.)***	***H37***	***103***
STEVENS CREEK 76	***2850 STEVENS CREEK BL***	***SE 1/4 - 1/2 (0.496 mi.)***	***H38***	***104***
Status: Completed - Case Closed				
TOSCO/76 #3969	***2850 STEVENS CREEK BLVD***	***SE 1/4 - 1/2 (0.496 mi.)***	***H39***	***108***

Lower Elevation	Address	Direction / Distance	Map ID	Page
PIERCE PROPERTY	***780 N WINCHESTER BLVD***	***NE 0 - 1/8 (0.036 mi.)***	***C10***	***19***
Status: Completed - Case Closed				
MOBIL	***230 N WINCHESTER BLVD***	***NE 0 - 1/8 (0.042 mi.)***	***C11***	***21***
MOBIL	230 N WINCHESTER BLVD	NE 0 - 1/8 (0.042 mi.)	C13	22
Status: Completed - Case Closed				
FAIRCHILD PROPERTY	824 N. WINCHESTER BLVD.	NNE 1/8 - 1/4 (0.127 mi.)	E24	30
Status: Completed - Case Closed				

HIST LUST: A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

A review of the HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there are 9 HIST LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DUNN-EDWARDS PAINTS	***690 N WINCHESTER BLVD***	***E 0 - 1/8 (0.014 mi.)***	***B6***	***15***
FIRESTONE STORES	***3150 STEVENS CREEK BLVD***	***S 1/4 - 1/2 (0.360 mi.)***	***31***	***51***
COURTESY CEHVROLET	***3030 STEVENS CREEK***	***SSE 1/4 - 1/2 (0.370 mi.)***	***F32***	***54***
CHEVRON #9-9079	***2910 STEVENS CREEK BLVD***	***SE 1/4 - 1/2 (0.437 mi.)***	***G35***	***98***
STEVENS CREEK NISSAN	***3565 STEVENS CREEK BLVD***	***SW 1/4 - 1/2 (0.456 mi.)***	***36***	***98***
UNOCAL #3969	***2850 STEVENS CREEK BLVD***	***SE 1/4 - 1/2 (0.496 mi.)***	***H37***	***103***
TOSCO/76 #3969	***2850 STEVENS CREEK BLVD***	***SE 1/4 - 1/2 (0.496 mi.)***	***H39***	***108***

Lower Elevation	Address	Direction / Distance	Map ID	Page
PIERCE PROPERTY	***780 N WINCHESTER BLVD***	***NE 0 - 1/8 (0.036 mi.)***	***C10***	***19***
MOBIL	***230 N WINCHESTER BLVD***	***NE 0 - 1/8 (0.042 mi.)***	***C11***	***21***

State and tribal voluntary cleanup sites

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 11/03/2014 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BAY AREA RESEARCH EXTENSION CE	***90 NORTH WINCHESTER BLV***	***SSW 1/8 - 1/4 (0.162 mi.)***	***28***	***43***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 12/15/2014 has revealed that there is 1

SWRCY site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GOODWILL INDUSTRIES	3071 STEVENS CREEK BLVD	SSE 1/4 - 1/2 (0.358 mi.)	F30	51

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOWN & COUNTRY VILLAGE SHOPPIN	***2980 & 3030 STEVENS CRE***	***SSE 1/4 - 1/2 (0.378 mi.)***	***F33***	***58***

Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MOBILE SERVICE STATION	***230 WINCHESTER BLVD***	***NE 0 - 1/8 (0.042 mi.)***	***C14***	***23***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 5 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DUNN-EDWARDS CORPORATION	***690 NORTH WINCHESTER BL***	***E 0 - 1/8 (0.014 mi.)***	***B5***	***10***

Lower Elevation	Address	Direction / Distance	Map ID	Page
DECIDUOUS FRUIT FIELD STATION	125 N. WINCHESTER BLVD.	E 0 - 1/8 (0.010 mi.)	A4	10
MOBIL SERVICE STATION	230 S EL CAMINO REAL	NE 0 - 1/8 (0.042 mi.)	C15	25
R.V. CLOUD CO.	300 WINCHESTER BLVD.	NNE 1/8 - 1/4 (0.156 mi.)	E27	42
EDWARD D. & DOLORES A. MORTON	766 N REDWOOD AVE	ENE 1/8 - 1/4 (0.221 mi.)	29	50

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DUNN-EDWARDS CORPORATION	*690 NORTH WINCHESTER BL*	*E 0 - 1/8 (0.014 mi.)*	*B5*	*10*

Lower Elevation	Address	Direction / Distance	Map ID	Page
MOBILE SERVICE STATION	*230 WINCHESTER BLVD*	*NE 0 - 1/8 (0.042 mi.)*	*C14*	*23*

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 12/08/2014 has revealed that there is 1 DEED site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOWN & COUNTRY VILLAGE SHOPPIN	*2980 & 3030 STEVENS CRE*	*SSE 1/4 - 1/2 (0.378 mi.)*	*F33*	*58*

Other Ascertainable Records

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 12/29/2014 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOWN & COUNTRY VILLAGE SHOPPIN	*2980 & 3030 STEVENS CRE*	*SSE 1/4 - 1/2 (0.378 mi.)*	*F33*	*58*

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 7 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FIRESTONE STORES	*3150 STEVENS CREEK BLVD*	*S 1/4 - 1/2 (0.360 mi.)*	*31*	*51*
COURTESY CEHVROLET	*3030 STEVENS CREEK*	*SSE 1/4 - 1/2 (0.370 mi.)*	*F32*	*54*
CHEVRON	*2910 STEVENS CREEK*	*SE 1/4 - 1/2 (0.437 mi.)*	*G34*	*94*
STEVENS CREEK NISSAN	*3565 STEVENS CREEK BLVD*	*SW 1/4 - 1/2 (0.456 mi.)*	*36*	*98*
STEVENS CREEK 76	*2850 STEVENS CREEK BL*	*SE 1/4 - 1/2 (0.496 mi.)*	*H38*	*104*

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
PIERCE PROPERTY	***780 N WINCHESTER BLVD***	***NE 0 - 1/8 (0.036 mi.)***	***C10***	***19***
MOBIL	230 WINCHESTER	NE 0 - 1/8 (0.044 mi.)	C16	27

CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 3 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DUNN-EDWARDS CORPORATION	***690 NORTH WINCHESTER BL***	***E 0 - 1/8 (0.014 mi.)***	***B5***	***10***
GOODYEAR TIRE & RUBBER CO	***486 N WINCHESTER BL***	***SSE 0 - 1/8 (0.082 mi.)***	***D20***	***29***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SWAN CLEANERS	***840 N WINCHESTER BLVD***	***NNE 1/8 - 1/4 (0.144 mi.)***	***E25***	***35***

SAN JOSE HAZMAT: San Jose Hazmat Facilities.

A review of the SAN JOSE HAZMAT list, as provided by EDR, and dated 11/10/2014 has revealed that there are 3 SAN JOSE HAZMAT sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DUNN-EDWARDS CORPORATION	***690 NORTH WINCHESTER BL***	***E 0 - 1/8 (0.014 mi.)***	***B5***	***10***
GOODYEAR TIRE & RUBBER CO	***486 N WINCHESTER BL***	***SSE 0 - 1/8 (0.082 mi.)***	***D20***	***29***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SWAN CLEANERS	***840 N WINCHESTER BLVD***	***NNE 1/8 - 1/4 (0.144 mi.)***	***E25***	***35***

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, and dated 06/28/2014 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SWAN CLEANERS	***840 N WINCHESTER BLVD***	***NNE 1/8 - 1/4 (0.144 mi.)***	***E25***	***35***

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 7 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOWLER S JIM FLYING A SERVICE	498 N WINCHESTER BLVD	SSE 0 - 1/8 (0.079 mi.)	D18	28
Not reported	486 N WINCHESTER BLVD	SSE 0 - 1/8 (0.082 mi.)	D21	30

Lower Elevation	Address	Direction / Distance	Map ID	Page
NORMENT S UNION SERVICE	199 N WINCHESTER BLVD	NE 0 - 1/8 (0.028 mi.)	B7	15
SHELBY S SHELL	780 N WINCHESTER BLVD	NE 0 - 1/8 (0.036 mi.)	C9	18
JIM S MOBIL SERVICE CENTER	230 N WINCHESTER BLVD	NE 0 - 1/8 (0.042 mi.)	C12	21
BERNARD S RICHFIELD SERVICE	804 N WINCHESTER BLVD	NNE 0 - 1/8 (0.105 mi.)	E22	30
Not reported	2479 W HEDDING ST	NE 0 - 1/8 (0.125 mi.)	23	30

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

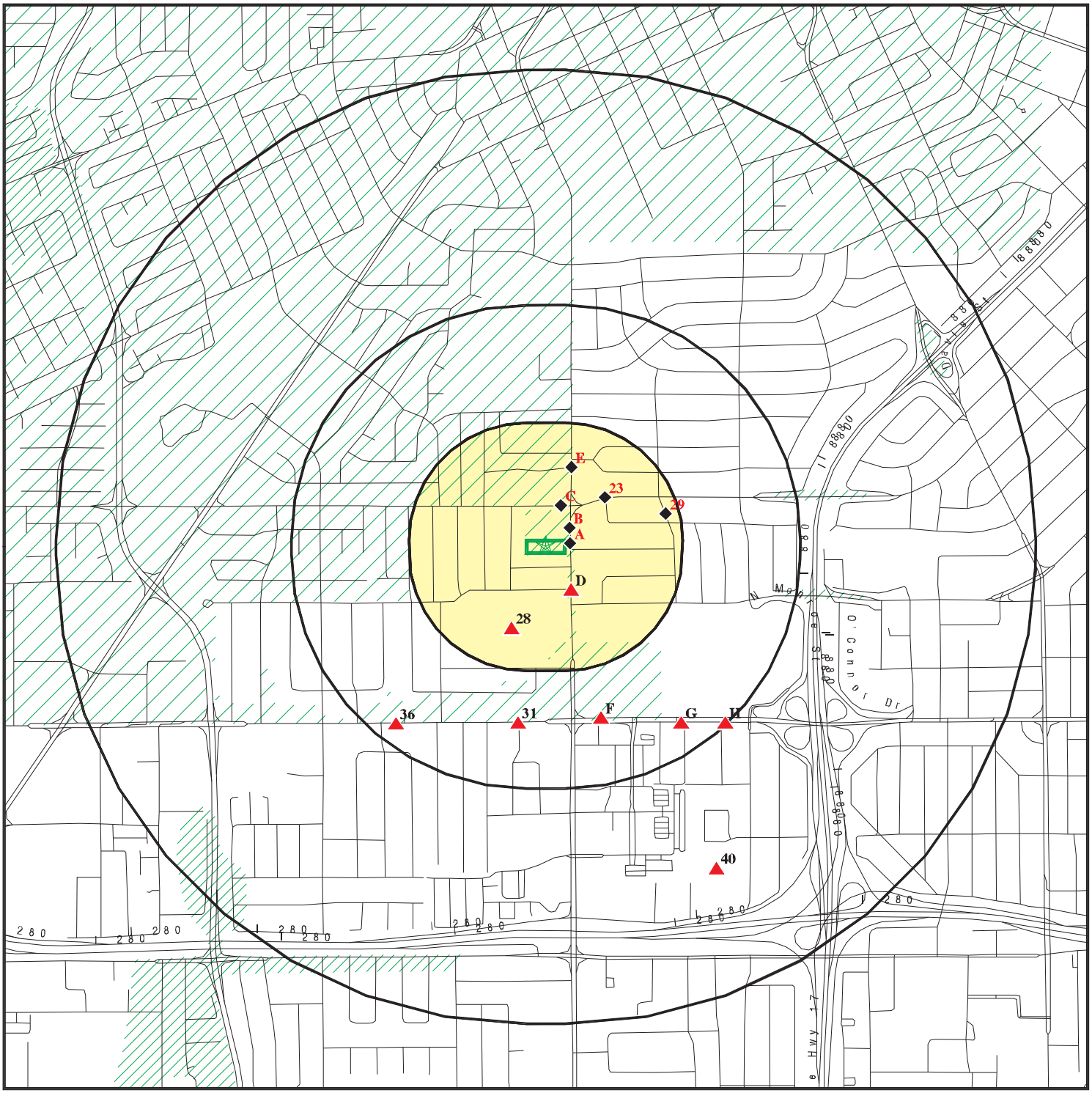
A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 2 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1823 PRUNERIDGE AVE	NNE 0 - 1/8 (0.074 mi.)	C17	27
SHARP S ONE HOUR MARTINIZING	840 N WINCHESTER BLVD	NNE 1/8 - 1/4 (0.144 mi.)	E26	42

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 4211656.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Santana Atrium Property	CLIENT: Krazan & Associates, Inc.
ADDRESS: 100 N. Winchester Boulevard	CONTACT: Bill Vick
Santa Clara CA 95050	INQUIRY #: 4211656.2s
LAT/LONG: 37.3287 / 121.9512	DATE: February 18, 2015 8:18 pm

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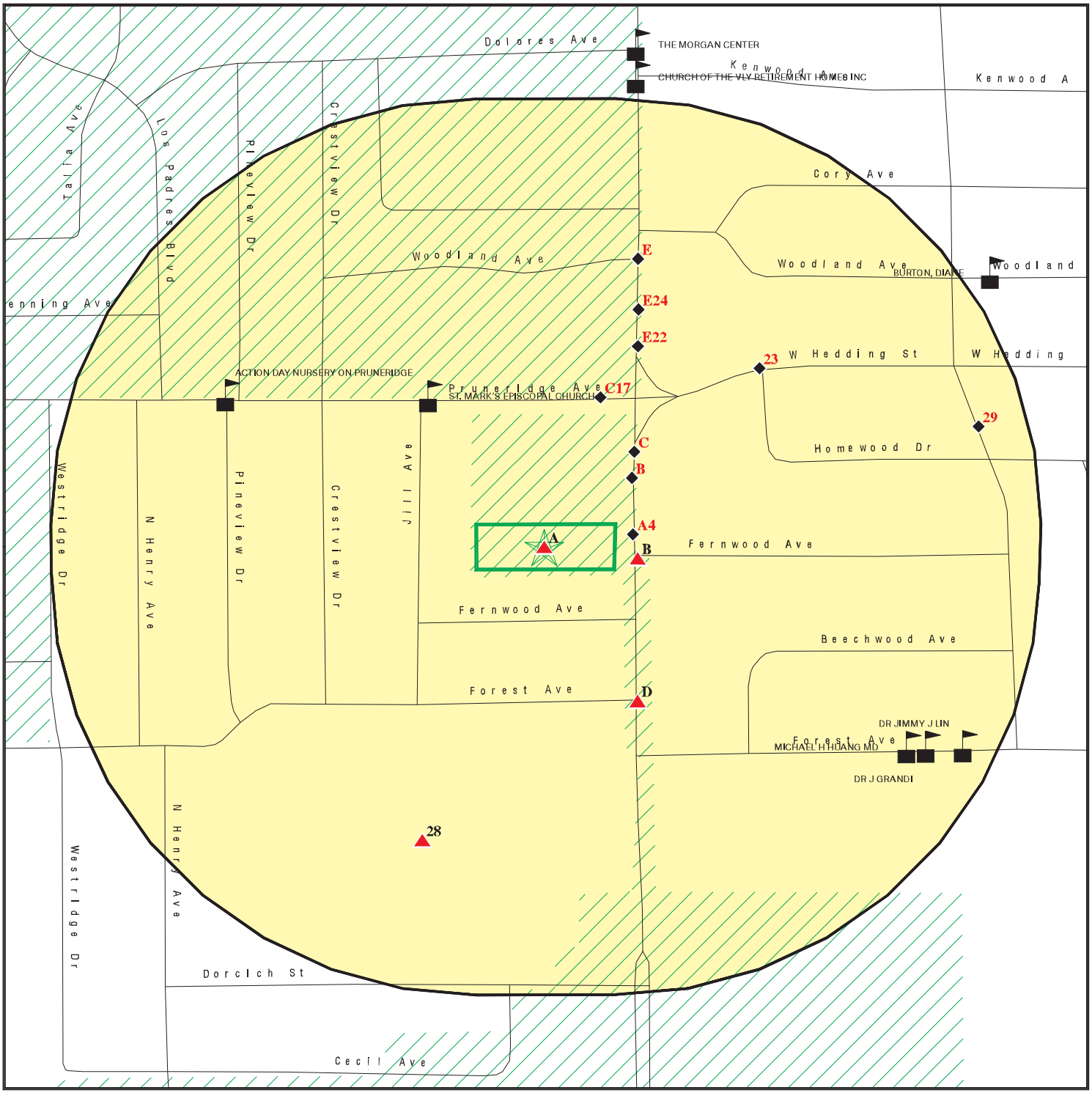
DETAIL MAP - 4211656.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Santana Atrium Property	CLIENT: Krazan & Associates, Inc.
ADDRESS: 100 N. Winchester Boulevard Santa Clara CA 95050	CONTACT: Bill Vick
LAT/LONG: 37.3287 / 121.9512	INQUIRY #: 4211656.2s DATE: February 18, 2015 8:18 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		3	0	NR	NR	NR	3
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	1	0	NR	1
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	1	1	1	NR	3
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		5	1	8	NR	NR	14

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC	0.500		0	0	0	NR	NR	0
HIST LUST	0.500		3	0	6	NR	NR	9
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	1	0	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	1	NR	NR	1
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	1	0	NR	1
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		1	0	NR	NR	NR	1
HIST UST	0.250		3	2	NR	NR	NR	5
SWEEPS UST	0.250		2	0	NR	NR	NR	2
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	1	NR	NR	1
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	1	NR	NR	1
HIST CORTESE	0.500		2	0	5	NR	NR	7
CUPA Listings	0.250		2	1	NR	NR	NR	3
SAN JOSE HAZMAT	0.250		2	1	NR	NR	NR	3
Notify 65	1.000		0	0	0	0	NR	0
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	2	NR	NR	NR	NR	NR	2
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		7	0	NR	NR	NR	7
EDR US Hist Cleaners	0.250		1	1	NR	NR	NR	2
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **SAN JOSE TYPE** | **HAZNET** | **S113062576**
100 NORTH WINCHESTER BLVD. | **N/A**
SAN JOSE, CA 00000

Site 1 of 4 in cluster A

Actual: 121 ft.

HAZNET:

envid:	S113062576
Year:	1995
GEPAID:	CAL000110281
Contact:	MARTY PODESTA
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	PO BOX 6240
Mailing City,St,Zip:	SAN JOSE, CA 951500000
Gen County:	Not reported
TSD EPA ID:	CAD070148432
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Incineration
Tons:	.1876
Facility County:	Santa Clara

A2 Target Property | **NEXTEL OF CALIFORNIA** | **FINDS** | **1016431646**
100 N WINCHESTER BLVD | **N/A**
SANTA CLARA, CA 95050

Site 2 of 4 in cluster A

Actual: 121 ft.

FINDS:

Registry ID: 110055831079

Environmental Interest/Information System
STATE MASTER

A3 Target Property | **BEST CHIROPRACTIC INC** | **HAZNET** | **S113058177**
100 N WINCHESTER BLVD | **N/A**
SANTA CLARA, CA 90000

Site 3 of 4 in cluster A

Actual: 121 ft.

HAZNET:

envid:	S113058177
Year:	1995
GEPAID:	CAL000095433
Contact:	Not reported
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	100 N WINCHESTER BLVD
Mailing City,St,Zip:	SANTA CLARA, CA 900000000
Gen County:	Not reported
TSD EPA ID:	CAD070148432
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	.1251

BEST CHIROPRACTIC INC (Continued) **S113058177**

Facility County: Santa Clara

envid: S113058177
Year: 1994
GEPAID: CAL000095433
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 100 N WINCHESTER BLVD
Mailing City,St,Zip: SANTA CLARA, CA 900000000
Gen County: Not reported
TSD EPA ID: CAD070148432
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .0625
Facility County: Santa Clara

envid: S113058177
Year: 1994
GEPAID: CAL000095433
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 100 N WINCHESTER BLVD
Mailing City,St,Zip: SANTA CLARA, CA 900000000
Gen County: Not reported
TSD EPA ID: CAD070148432
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Incineration
Tons: .1251
Facility County: Santa Clara

envid: S113058177
Year: 1993
GEPAID: CAL000095433
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 100 N WINCHESTER BLVD
Mailing City,St,Zip: SANTA CLARA, CA 900000000
Gen County: Not reported
TSD EPA ID: CAD070148432
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 0.1459
Facility County: Santa Clara

A4 East < 1/8 0.010 mi. 55 ft. | **DECIDUOUS FRUIT FIELD STATION** | **HIST UST** | **U001602958** | **N/A**
125 N. WINCHESTER BLVD.
SAN JOSE, CA 95128

Site 4 of 4 in cluster A

Relative: Lower

Actual: 120 ft.

HIST UST:

Region:	STATE
Facility ID:	00000024728
Facility Type:	Other
Other Type:	RESEARCH STATION
Contact Name:	THOMAS M. KRETCHUN
Telephone:	4082961672
Owner Name:	UNIVERSITY OF CALIFORNIA
Owner Address:	AGREICULTURAL FIELD STATIONS
Owner City,St,Zip:	DAVIS, CA 95616
Total Tanks:	0003
Tank Num:	001
Container Num:	DFFS #1
Year Installed:	1970
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, None
Tank Num:	002
Container Num:	DFFS #2
Year Installed:	1978
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	10
Leak Detection:	Stock Inventor, None
Tank Num:	003
Container Num:	DF #3
Year Installed:	1973
Tank Capacity:	00000842
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	.030
Leak Detection:	None

B5 East < 1/8 0.014 mi. 73 ft. | **DUNN-EDWARDS CORPORATION** | **RCRA-SQG** | **1000306658**
690 NORTH WINCHESTER BLVD | **FINDS** | **CAD981398977**
SAN JOSE, CA 95128 | **LUST**
HIST UST
CUPA Listings
SAN JOSE HAZMAT
SWEEPS UST

Site 1 of 4 in cluster B

Relative: Higher

Actual: 121 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	DUNN-EDWARDS CORPORATION
Facility address:	690 NORTH WINCHESTER BLVD SAN JOSE, CA 95128
EPA ID:	CAD981398977
Mailing address:	4885 EAST FIFTY SECOND PLACE

DUNN-EDWARDS CORPORATION (Continued) **1000306658**

LOS ANGELES, CA 90040
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: RUSSELL T JACOBS PRES
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 04/25/1986
Site name: DUNN-EDWARDS CORPORATION

DUNN-EDWARDS CORPORATION (Continued) **1000306658**

Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002693764

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:

Region:	STATE
Global Id:	T0608501223
Latitude:	37.32837
Longitude:	-121.949691
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/17/1998
Lead Agency:	SANTA CLARA COUNTY LOP
Case Worker:	UST
Local Agency:	SANTA CLARA COUNTY LOP
RB Case Number:	Not reported
LOC Case Number:	Not reported
File Location:	Stored electronically as an E-file
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Other Petroleum
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0608501223
Contact Type:	Local Agency Caseworker
Contact Name:	UST CASE WORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE
Email:	Not reported
Phone Number:	4089183400

Global Id:	T0608501223
Contact Type:	Regional Board Caseworker
Contact Name:	ZSC
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND

DUNN-EDWARDS CORPORATION (Continued) **1000306658**

Email: Not reported
Phone Number: Not reported

Status History:
Global Id: T0608501223
Status: Open - Case Begin Date
Status Date: 11/14/1991

Global Id: T0608501223
Status: Open - Site Assessment
Status Date: 11/14/1991

Global Id: T0608501223
Status: Completed - Case Closed
Status Date: 08/17/1998

Regulatory Activities:
Global Id: T0608501223
Action Type: Other
Date: 01/02/1992
Action: Leak Reported

Global Id: T0608501223
Action Type: ENFORCEMENT
Date: 01/17/1992
Action: Notice of Responsibility - #39559

Global Id: T0608501223
Action Type: REMEDIATION
Date: 11/14/1991
Action: Excavation

Global Id: T0608501223
Action Type: REMEDIATION
Date: 11/14/1991
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608501223
Action Type: REMEDIATION
Date: 11/14/1991
Action: Free Product Removal

LUST SANTA CLARA:
Region: SANTA CLARA
SCVWD ID: 07S1W14D01F
Date Closed: 08/17/1998
EDR Link ID: 07S1W14D01F

HIST UST:
Region: STATE
Facility ID: 00000000745
Facility Type: Other
Other Type: RETAILER
Contact Name: PAT EILERS

DUNN-EDWARDS CORPORATION (Continued) **1000306658**

Telephone: 2137713330
Owner Name: DUNN-EDWARDS CORPORATION
Owner Address: 4885 E. 52ND PLACE
Owner City,St,Zip: LOS ANGELES, CA 90040
Total Tanks: 0002

Tank Num: 001
Container Num: 11-T-1
Year Installed: 1965
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 10-T-1
Year Installed: 1959
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

CUPA SANTA CLARA:
Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR

Region: SANTA CLARA
PE#: BP02
Program Description: HMBP FACILITY, 4-6 CHEMICALS

SAN JOSE HAZMAT:
Region: SAN JOSE
File Num: 400103
Class: Auto Wrecking/Misc Simple Facility

SWEEPS UST:
Status: Not reported
Comp Number: 400103
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-400103-000001
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: PETROLEUM
STG: PRODUCT
Content: Not reported
Number Of Tanks: 1

B6 East < 1/8 0.014 mi. 73 ft. — **DUNN-EDWARDS PAINTS**, **690 N WINCHESTER BLVD**, **SAN JOSE, CA 95128** — **LUST**, **HIST LUST** — **S103454505**, **N/A**

Site 2 of 4 in cluster B

Relative: Higher

Actual: 121 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	07S1W14D01f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	11/14/1991
Pollution Characterization Began:	11/14/1991
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

HIST LUST SANTA CLARA:

Region:	SANTA CLARA
Region Code:	2
SCVWD ID:	07S1W14D01
Oversite Agency:	SCVWD
Date Listed:	1992-01-15 00:00:00
Closed Date:	1998-08-17 00:00:00

B7 NE < 1/8 0.028 mi. 150 ft. — **NORMENT S UNION SERVICE**, **199 N WINCHESTER BLVD**, **SAN JOSE, CA** — **EDR US Hist Auto Stat** — **1009001934**, **N/A**

Site 3 of 4 in cluster B

Relative: Lower

Actual: 119 ft.

EDR Historical Auto Stations:

Name:	NORMENT S UNION SERVICE
Year:	1966
Type:	GASOLINE STATIONS
Name:	NORMENT S UNION SERVICE
Year:	1970
Type:	GASOLINE STATIONS
Name:	WINCHESTER UNION SERVICE
Year:	1975
Type:	GASOLINE STATIONS

B8 **NE** **< 1/8** **0.029 mi.** **152 ft.**	**WALGREENS 2612** **200 N WINCHESTER** **SANTA CLARA, CA 95050** **Site 4 of 4 in cluster B**	**RCRA-SQG** **FINDS**	**1001195258** **CAR000018234**

Relative:
Lower

Actual:
119 ft.

RCRA-SQG:

Date form received by agency:	06/09/2014
Facility name:	WALGREENS #2612
Facility address:	200 N WINCHESTER BLVD SANTA CLARA, CA 95050
EPA ID:	CAR000018234
Mailing address:	GREY HAWK CT, STE 200 CARLSBAD, CA 92010
Contact:	KARINA E ROMERO
Contact address:	N LAKE AVE PASADENA, CA 91101
Contact country:	Not reported
Contact telephone:	(760) 602-8887
Contact email:	KROMERO@3ECOMPANY.COM
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	WALGREEN CO
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	09/02/2005
Owner/Op end date:	Not reported

Owner/operator name:	WALGREENS 2612
Owner/operator address:	200 N WINCHESTER BLVD SANTA CLARA, CA 95050
Owner/operator country:	Not reported
Owner/operator telephone:	(408) 247-1173
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	WALTRUST PROPERTIES
Owner/operator address:	WILMOT RD DEERFIELD, IL 60015
Owner/operator country:	Not reported
Owner/operator telephone:	(847) 315-4139
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	09/02/2005
Owner/Op end date:	Not reported

WALGREENS 2612 (Continued) **1001195258**

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency: 02/07/2002
Site name: WALGREENS 2612
Classification: Large Quantity Generator

Date form received by agency: 02/07/2002
Site name: WALGREENS 2612
Classification: Small Quantity Generator

Date form received by agency: 03/04/1997
Site name: WALGREENS 2612
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D007
Waste name: CHROMIUM

Waste code: D009
Waste name: MERCURY

Waste code: D010

WALGREENS 2612 (Continued) **1001195258**

Waste name: SELENIUM

Waste code: D024
Waste name: M-CRESOL

Waste code: P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P075
Waste name: NICOTINE, & SALTS

Waste code: U034
Waste name: ACETALDEHYDE, TRICHLORO-

Waste code: U165
Waste name: NAPHTHALENE

Violation Status: No violations found

FINDS:

Registry ID: 110002916275

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

Registry ID: 110055739465

Environmental Interest/Information System
STATE MASTER

C9 **SHELBY S SHELL** **EDR US Hist Auto Stat** **1009000691**
NE **780 N WINCHESTER BLVD** **N/A**
< 1/8 **SAN JOSE, CA**
0.036 mi.
191 ft. **Site 1 of 9 in cluster C**

Relative:
Lower

Actual:
119 ft.

EDR Historical Auto Stations:
Name: SHELBY S SHELL
Year: 1966
Type: GASOLINE STATIONS

Name: SHELBY S SHELL
Year: 1970

SHELBY S SHELL (Continued) **1009000691**

Type: GASOLINE STATIONS

Name: WINCHESTER SHELL DIAGNOSTIC AUTO SERV CENTER
Year: 1975
Type: GASOLINE STATIONS

C10 NE < 1/8 0.036 mi. 191 ft. | **PIERCE PROPERTY** | **HIST CORTESE** | **S101309356**
780 N WINCHESTER BLVD | **LUST** | **N/A**
SAN JOSE, CA 95128 | **HIST LUST**

Site 2 of 9 in cluster C

Relative: Lower

Actual: 119 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-1853

LUST:
Region: STATE
Global Id: T0608501779
Latitude: 37.345191
Longitude: -121.950616
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 09/06/1995
Lead Agency: SANTA CLARA COUNTY LOP
Case Worker: UST
Local Agency: SANTA CLARA COUNTY LOP
RB Case Number: Not reported
LOC Case Number: Not reported
File Location: Stored electronically as an E-file
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0608501779
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

Global Id: T0608501779
Contact Type: Regional Board Caseworker
Contact Name: ZSC
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

PIERCE PROPERTY (Continued) **S101309356**

Status History:

Global Id:	T0608501779
Status:	Open - Case Begin Date
Status Date:	01/01/1993
Global Id:	T0608501779
Status:	Open - Site Assessment
Status Date:	10/20/1994
Global Id:	T0608501779
Status:	Completed - Case Closed
Status Date:	09/06/1995

Regulatory Activities:

Global Id:	T0608501779
Action Type:	Other
Date:	01/01/1993
Action:	Leak Reported
Global Id:	T0608501779
Action Type:	ENFORCEMENT
Date:	01/27/1994
Action:	Notice of Responsibility - #39560
Global Id:	T0608501779
Action Type:	ENFORCEMENT
Date:	09/06/1995
Action:	Closure/No Further Action Letter
Global Id:	T0608501779
Action Type:	RESPONSE
Date:	01/30/1995
Action:	Other Report / Document

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	07S1W14D02f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	10/20/1994
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

LUST SANTA CLARA:

Region:	SANTA CLARA
SCVWD ID:	07S1W14D02F

PIERCE PROPERTY (Continued) **S101309356**

Date Closed: 09/06/1995
EDR Link ID: 07S1W14D02F

HIST LUST SANTA CLARA:
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 07S1W14D02
Oversite Agency: SCVWD
Date Listed: 1994-04-20 00:00:00
Closed Date: 1995-09-06 00:00:00

C11 **MOBIL** **LUST** **S105034820**
NE **230 N WINCHESTER BLVD** **HIST LUST** **N/A**
< 1/8 **SANTA CLARA, CA 95050**
0.042 mi.
220 ft. **Site 3 of 9 in cluster C**

Relative:
Lower

Actual:
119 ft.

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 07S1W15A01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 6/4/1985
Pollution Characterization Began: 3/28/1990
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST LUST SANTA CLARA:
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 07S1W15A01
Oversite Agency: SCVWD
Date Listed: 1986-01-01 00:00:00
Closed Date: 1998-04-20 00:00:00

C12 **JIM S MOBIL SERVICE CENTER** **EDR US Hist Auto Stat** **1009001796**
NE **230 N WINCHESTER BLVD** **N/A**
< 1/8 **SAN JOSE, CA**
0.042 mi.
220 ft. **Site 4 of 9 in cluster C**

Relative:
Lower

Actual:
119 ft.

EDR Historical Auto Stations:
Name: JIM S MOBIL SERVICE CENTER
Year: 1975
Type: GASOLINE STATIONS

C13 NE < 1/8 0.042 mi. 220 ft. | **MOBIL**
230 N WINCHESTER BLVD
SANTA CLARA, CA 95050
Site 5 of 9 in cluster C | **LUST** | **S104575412**
N/A

Relative: Lower

Actual: 119 ft.

LUST:

Region:	STATE
Global Id:	T0608500929
Latitude:	37.3355
Longitude:	-121.9491
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/20/1998
Lead Agency:	SANTA CLARA COUNTY LOP
Case Worker:	UST
Local Agency:	SANTA CLARA COUNTY LOP
RB Case Number:	Not reported
LOC Case Number:	Not reported
File Location:	Stored on Microfiche
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Kerosene
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0608500929
Contact Type:	Local Agency Caseworker
Contact Name:	UST CASE WORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE
Email:	Not reported
Phone Number:	4089183400

Global Id:	T0608500929
Contact Type:	Regional Board Caseworker
Contact Name:	ZSC
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0608500929
Status:	Completed - Case Closed
Status Date:	04/20/1998

Global Id:	T0608500929
Status:	Open - Site Assessment
Status Date:	06/04/1985

Global Id:	T0608500929
Status:	Open - Site Assessment
Status Date:	03/28/1990

Global Id:	T0608500929

MOBIL (Continued) **S104575412**

Status: Open - Case Begin Date
Status Date: 06/04/1985

Regulatory Activities:

Global Id: T0608500929
Action Type: Other
Date: 06/28/1985
Action: Leak Reported

Global Id: T0608500929
Action Type: RESPONSE
Date: 10/29/1997
Action: Monitoring Report - Quarterly

Global Id: T0608500929
Action Type: RESPONSE
Date: 09/23/1997
Action: Monitoring Report - Quarterly

Global Id: T0608500929
Action Type: ENFORCEMENT
Date: 10/09/1990
Action: Notice of Responsibility - #39567

Global Id: T0608500929
Action Type: ENFORCEMENT
Date: 06/15/1997
Action: Staff Letter - #22004

Global Id: T0608500929
Action Type: ENFORCEMENT
Date: 10/15/1997
Action: Staff Letter - #22002

Global Id: T0608500929
Action Type: REMEDIATION
Date: 10/02/1985
Action: Excavation

C14 **MOBILE SERVICE STATION** **CA FID UST** **S101594444**
NE **230 WINCHESTER BLVD** **SWEEPS UST** **N/A**
< 1/8 **SANTA CLARA, CA 95050**
0.042 mi.
220 ft. **Site 6 of 9 in cluster C**

Relative:
Lower

Actual:
119 ft.

CA FID UST:
Facility ID: 43001005
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4082473131
Mail To: Not reported
Mailing Address: 3800 W ALAMEDA
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA CLARA 95050

MOBILE SERVICE STATION (Continued) **S101594444**

Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

SWEEPS UST:
Status: Not reported
Comp Number: 91113
Number: Not reported
Board Of Equalization: 44-000400
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-010-091113-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 4

Status: Not reported
Comp Number: 91113
Number: Not reported
Board Of Equalization: 44-000400
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-010-091113-000002
Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 91113
Number: Not reported
Board Of Equalization: 44-000400
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-010-091113-000003
Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT

MOBILE SERVICE STATION (Continued) **S101594444**

Content:	REG UNLEADED
Number Of Tanks:	Not reported
Status:	Not reported
Comp Number:	91113
Number:	Not reported
Board Of Equalization:	44-000400
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-010-091113-000004
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

C15
NE
< 1/8
0.042 mi.
220 ft.

MOBIL SERVICE STATION
230 S EL CAMINO REAL
SAN MATEO, CA 94401

Site 7 of 9 in cluster C

HIST UST **U001595999**
N/A

Relative:
Lower

Actual:
119 ft.

HIST UST:

Region:	STATE
Facility ID:	00000039504
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	STEPHEN NG
Telephone:	4153438430
Owner Name:	MOBIL OIL CORPORATION
Owner Address:	612 SO. FLOWER STREET
Owner City,St,Zip:	LOS ANGELES, CA 90017
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1972
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	001
Container Num:	1
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	2

MOBIL SERVICE STATION (Continued) **U001595999**

Year Installed:	1955
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test

Tank Num:	002
Container Num:	2
Year Installed:	1972
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test

Tank Num:	003
Container Num:	3
Year Installed:	1972
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test

Tank Num:	003
Container Num:	3
Year Installed:	1955
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test

Tank Num:	004
Container Num:	0000000001
Year Installed:	Not reported
Tank Capacity:	00000280
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00000285
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

C16
NE
< 1/8
0.044 mi.
232 ft.

MOBIL
230 WINCHESTER
SANTA CLARA, CA 95050

HIST CORTESE **S104397036**
N/A

Site 8 of 9 in cluster C

Relative:
Lower

Actual:
119 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	43
Reg By:	LTNKA
Reg Id:	43-0924

C17
NNE
< 1/8
0.074 mi.
393 ft.

1823 PRUNERIDGE AVE
SANTA CLARA, CA 95050

EDR US Hist Cleaners **1015007443**
N/A

Site 9 of 9 in cluster C

Relative:
Lower

Actual:
118 ft.

EDR Historical Cleaners:

Name:	CEDAR TREE CLEANER
Year:	1999
Address:	1823 PRUNERIDGE AVE
Name:	CEDAR TREE CLEANER
Year:	2000
Address:	1823 PRUNERIDGE AVE
Name:	CEDAR TREE CLEANER
Year:	2001
Address:	1823 PRUNERIDGE AVE
Name:	CEDAR TREE CLEANER
Year:	2003
Address:	1823 PRUNERIDGE AVE
Name:	CEDAR TREE CLEANERS
Year:	2004
Address:	1823 PRUNERIDGE AVE
Name:	CEDAR TREE CLEANER
Year:	2007
Address:	1823 PRUNERIDGE AVE
Name:	CEDAR TREE CLEANER
Year:	2008
Address:	1823 PRUNERIDGE AVE
Name:	CEDAR TREE CLEANER
Year:	2010
Address:	1823 PRUNERIDGE AVE
Name:	CEDAR TREE CLEANER
Year:	2011
Address:	1823 PRUNERIDGE AVE
Name:	CEDAR TREE CLEANER
Year:	2012
Address:	1823 PRUNERIDGE AVE

D18 SSE < 1/8 0.079 mi. 415 ft. | **DOWLER S JIM FLYING A SERVICE**
498 N WINCHESTER BLVD
SAN JOSE, CA | **EDR US Hist Auto Stat** | **1009001375**
N/A

Site 1 of 4 in cluster D

Relative: Higher

Actual: 123 ft.

EDR Historical Auto Stations:

Name:	DOWLER S JIM FLYING A SERVICE
Year:	1966
Type:	GASOLINE STATIONS

D19 SSE < 1/8 0.079 mi. 415 ft. | **ACC U TUNE & BRAKE**
498 N WINCHESTER BLVD
SAN JOSE, CA 95128 | **RCRA-SQG**
FINDS | **1000135158**
CAD982483570

Site 2 of 4 in cluster D

Relative: Higher

Actual: 123 ft.

RCRA-SQG:

Date form received by agency:	03/13/1990
Facility name:	ACC U TUNE & BRAKE
Facility address:	498 N WINCHESTER BLVD SAN JOSE, CA 95128
EPA ID:	CAD982483570
Mailing address:	2510 OLD MIDDLEFIELD WAY MOUNTAIN VIEW, CA 94043
Contact:	ENVIRONMENTAL MANAGER
Contact address:	498 N WINCHESTER BLVD SAN JOSE, CA 95128
Contact country:	US
Contact telephone:	(415) 968-8863
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	CARTER HAWLEY & HALE P A
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

ACC U TUNE & BRAKE (Continued) **1000135158**

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002826489

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

D20 **GOODYEAR TIRE & RUBBER CO** **CUPA Listings** **S104575503**
SSE **486 N WINCHESTER BL** **SAN JOSE HAZMAT** **N/A**
< 1/8 **SAN JOSE, CA 95128**
0.082 mi.
435 ft. **Site 3 of 4 in cluster D**

Relative:
Higher

Actual:
124 ft.

CUPA SANTA CLARA:

Region:	SANTA CLARA
PE#:	BP03
Program Description:	HMBP FACILITY, 7-9 CHEMICALS
Region:	SANTA CLARA
PE#:	2205
Program Description:	GENERATES 100 KG YR TO <5 TONS/YR

SAN JOSE HAZMAT:

Region:	SAN JOSE
File Num:	402970
Class:	Auto Repair

D21
SSE
< 1/8
0.082 mi.
435 ft.

486 N WINCHESTER BLVD
SAN JOSE, CA 95128

EDR US Hist Auto Stat **1015516236**
N/A

Site 4 of 4 in cluster D

Relative:
Higher

Actual:
124 ft.

EDR Historical Auto Stations:

Name:	GOODYEAR AUTO SERVICE CENTER 8766
Year:	2009
Address:	486 N WINCHESTER BLVD
Name:	GOODYEAR AUTO SERVICE CENTERS
Year:	2012
Address:	486 N WINCHESTER BLVD

E22
NNE
< 1/8
0.105 mi.
556 ft.

BERNARD S RICHFIELD SERVICE
804 N WINCHESTER BLVD
SAN JOSE, CA

EDR US Hist Auto Stat **1009001388**
N/A

Site 1 of 5 in cluster E

Relative:
Lower

Actual:
117 ft.

EDR Historical Auto Stations:

Name:	FRANK S RICHFIELD SERVICE
Year:	1966
Type:	GASOLINE STATIONS
Name:	BERNARD S RICHFIELD SERVICE
Year:	1970
Type:	GASOLINE STATIONS

23
NE
< 1/8
0.125 mi.
659 ft.

2479 W HEDDING ST
SAN JOSE, CA 95128

EDR US Hist Auto Stat **1015360614**
N/A

Relative:
Lower

Actual:
116 ft.

EDR Historical Auto Stations:

Name:	BRIANS CAR CARE
Year:	2002
Address:	2479 W HEDDING ST

E24
NNE
1/8-1/4
0.127 mi.
670 ft.

FAIRCHILD PROPERTY
824 N. WINCHESTER BLVD.
SAN JOSE, CA 95128

LUST **S107995879**
N/A

Site 2 of 5 in cluster E

Relative:
Lower

Actual:
117 ft.

LUST:

Region:	STATE
Global Id:	T0608595356
Latitude:	37.3302594407893
Longitude:	-121.949894428253
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/08/2013
Lead Agency:	SANTA CLARA COUNTY LOP
Case Worker:	LL

FAIRCHILD PROPERTY (Continued) **S107995879**

Local Agency:	SANTA CLARA COUNTY LOP
RB Case Number:	14-737
LOC Case Number:	07S1W14D03f
File Location:	Stored electronically as an E-file
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Site history as of July 30, 2012: The Site is currently occupied by an office building and an accompanying asphalt parking area. The Site was occupied by an operational service station from approximately 1958 to 1974 and was a vacant lot from 1974 to 1979. The current office building and parking area were built on the Site in 1980. The site vicinity map and site plan are presented on Figures 1 and 2, respectively. Three groundwater monitoring wells (MW-1 through MW-3) have been monitored at the Site on a quarterly or semiannual basis since 2005. These groundwater monitoring wells have routinely been dry, and therefore have not been sampled since 2007 prior to the first quarter 2012 groundwater sampling event. 2 CPT borings were advanced near wells MW2 and MW3 for the collection of depth discrete grab groundwater samples since the wells had gone dry. The wells were sampled again in October 2012 and were not reported to have concentrations of the COCs present above the laboratory reporting limits.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0608595356
Contact Type:	Regional Board Caseworker
Contact Name:	NATHAN KING
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST., SUITE 1400
City:	OAKLAND
Email:	nking@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0608595356
Contact Type:	Local Agency Caseworker
Contact Name:	LANI LEE
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 BERGER DR, SUITE 300
City:	SAN JOSE
Email:	lani.lee@deh.sccgov.org
Phone Number:	Not reported

Status History:

Global Id:	T0608595356
Status:	Open - Site Assessment
Status Date:	05/17/2005

Global Id:	T0608595356
Status:	Open - Site Assessment
Status Date:	08/22/2005

Global Id:	T0608595356
Status:	Open - Site Assessment
Status Date:	08/24/2005

FAIRCHILD PROPERTY (Continued) **S107995879**

Global Id: T0608595356
Status: Open - Eligible for Closure
Status Date: 04/16/2013

Global Id: T0608595356
Status: Open - Case Begin Date
Status Date: 01/05/2005

Global Id: T0608595356
Status: Completed - Case Closed
Status Date: 08/08/2013

Regulatory Activities:
Global Id: T0608595356
Action Type: ENFORCEMENT
Date: 02/15/2013
Action: Staff Letter

Global Id: T0608595356
Action Type: Other
Date: 05/17/2005
Action: Leak Reported

Global Id: T0608595356
Action Type: RESPONSE
Date: 01/31/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608595356
Action Type: RESPONSE
Date: 07/31/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0608595356
Action Type: RESPONSE
Date: 01/31/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0608595356
Action Type: ENFORCEMENT
Date: 07/05/2005
Action: Notice of Responsibility - #0557

Global Id: T0608595356
Action Type: ENFORCEMENT
Date: 07/07/2005
Action: Staff Letter - #0577

Global Id: T0608595356
Action Type: ENFORCEMENT
Date: 08/24/2005
Action: Staff Letter - #504280

Global Id: T0608595356
Action Type: ENFORCEMENT
Date: 12/14/2012
Action: Staff Letter

FAIRCHILD PROPERTY (Continued) **S107995879**

Global Id: T0608595356
Action Type: RESPONSE
Date: 06/10/2009
Action: Soil and Water Investigation Workplan

Global Id: T0608595356
Action Type: Other
Date: 01/05/2005
Action: Leak Discovery

Global Id: T0608595356
Action Type: RESPONSE
Date: 12/20/2010
Action: Soil and Water Investigation Report

Global Id: T0608595356
Action Type: ENFORCEMENT
Date: 04/17/2009
Action: Notice of Responsibility

Global Id: T0608595356
Action Type: RESPONSE
Date: 04/22/2013
Action: Other Report / Document

Global Id: T0608595356
Action Type: RESPONSE
Date: 05/24/2013
Action: Fact Sheets - Public Participation

Global Id: T0608595356
Action Type: ENFORCEMENT
Date: 06/04/2013
Action: Staff Letter

Global Id: T0608595356
Action Type: RESPONSE
Date: 11/28/2005
Action: Preliminary Site Assessment Report

Global Id: T0608595356
Action Type: ENFORCEMENT
Date: 04/17/2013
Action: Staff Letter

Global Id: T0608595356
Action Type: ENFORCEMENT
Date: 06/05/2012
Action: Staff Letter

Global Id: T0608595356
Action Type: RESPONSE
Date: 01/31/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608595356
Action Type: RESPONSE

FAIRCHILD PROPERTY (Continued) **S107995879**

Date: 07/31/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0608595356
Action Type: RESPONSE
Date: 07/23/2012
Action: Well Installation Workplan - Regulator Responded

Global Id: T0608595356
Action Type: RESPONSE
Date: 11/30/2012
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0608595356
Action Type: RESPONSE
Date: 01/30/2013
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0608595356
Action Type: ENFORCEMENT
Date: 08/08/2013
Action: Closure/No Further Action Letter

Global Id: T0608595356
Action Type: RESPONSE
Date: 08/19/2013
Action: Well Destruction Report

Global Id: T0608595356
Action Type: ENFORCEMENT
Date: 08/04/2009
Action: Staff Letter

Global Id: T0608595356
Action Type: ENFORCEMENT
Date: 07/31/2012
Action: Staff Letter

Global Id: T0608595356
Action Type: ENFORCEMENT
Date: 09/15/2010
Action: Staff Letter

Global Id: T0608595356
Action Type: ENFORCEMENT
Date: 07/27/2005
Action: Notice of Responsibility - #5002727

Global Id: T0608595356
Action Type: ENFORCEMENT
Date: 05/13/2009
Action: Notice of Responsibility

Global Id: T0608595356
Action Type: ENFORCEMENT
Date: 04/17/2009
Action: Staff Letter

FAIRCHILD PROPERTY (Continued) **S107995879**

LUST SANTA CLARA:
Region: SANTA CLARA
SCVWD ID: 07S1W14D03F
Date Closed: 08/08/2013
EDR Link ID: 07S1W14D03F

E25 NNE 1/8-1/4 0.144 mi. 761 ft. | **SWAN CLEANERS** | **FINDS** | **1004441192**
840 N WINCHESTER BLVD | **CUPA Listings** | **N/A**
SAN JOSE, CA 95128 | **SAN JOSE HAZMAT**
DRYCLEANERS
Site 3 of 5 in cluster E | **EMI**

Relative: Lower

Actual: 116 ft.

FINDS:

Registry ID: 110001162143

Environmental Interest/Information System
CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

CUPA SANTA CLARA:
Region: SANTA CLARA
PE#: 2202
Program Description: GENERATES < 100 KG/YR

SAN JOSE HAZMAT:
Region: SAN JOSE
File Num: 404879
Class: Auto Wrecking/Misc Simple Facility

DRYCLEANERS:
EPA Id: CAL000382021
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 01/30/2013
Facility Active: Yes
Inactive Date: Not reported
Facility Addr2: Not reported
Owner Name: MIKE WONG
Owner Address: 905 BLUEBONNET DR
Owner Address 2: Not reported
Owner Telephone: 4087499530
Contact Name: MIKE CLEANERS
Contact Address: 840 N WINCHESTER BLVD
Contact Address 2: Not reported
Contact Telephone: 4082965181
Mailing Name: Not reported
Mailing Address 1: 840 N WINCHESTER BLVD
Mailing Address 2: Not reported
Mailing City: SAN JOSE
Mailing State: CA
Mailing Zip: 951281354
Owner Fax: Not reported
Region Code: 2

SWAN CLEANERS (Continued) **1004441192**

EPA Id:	CAL000022196
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	11/27/2006
Facility Active:	No
Inactive Date:	06/30/2009
Facility Addr2:	Not reported
Owner Name:	SONG-YONG PARK
Owner Address:	840 N WINCHESTER BLVD
Owner Address 2:	Not reported
Owner Telephone:	4082965181
Contact Name:	SONG-YONG PARK-OWNER
Contact Address:	840 N WINCHESTER BLVD
Contact Address 2:	Not reported
Contact Telephone:	4082965181
Mailing Name:	Not reported
Mailing Address 1:	840 N WINCHESTER BLVD
Mailing Address 2:	Not reported
Mailing City:	SAN JOSE
Mailing State:	CA
Mailing Zip:	951281354
Owner Fax:	Not reported
Region Code:	2

EPA Id:	CAL000343842
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	06/10/2009
Facility Active:	No
Inactive Date:	10/12/2012
Facility Addr2:	Not reported
Owner Name:	DENNIS KIMM
Owner Address:	885 SARATOGA AVE
Owner Address 2:	Not reported
Owner Telephone:	4083944908
Contact Name:	DENNIS KIMM
Contact Address:	840 N WINCHESTER BLVD
Contact Address 2:	Not reported
Contact Telephone:	4083944908
Mailing Name:	Not reported
Mailing Address 1:	840 N WINCHESTER BLVD
Mailing Address 2:	Not reported
Mailing City:	SAN JOSE
Mailing State:	CA
Mailing Zip:	951281354
Owner Fax:	Not reported
Region Code:	2

EMI:

Year:	1987
County Code:	43
Air Basin:	SF
Facility ID:	574

SWAN CLEANERS (Continued) **1004441192**

Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
County Code:	43
Air Basin:	SF
Facility ID:	4692
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
County Code:	43
Air Basin:	SF
Facility ID:	4692
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
County Code:	43
Air Basin:	SF
Facility ID:	4692
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1

SWAN CLEANERS (Continued) **1004441192**

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
County Code:	43
Air Basin:	SF
Facility ID:	4692
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1998
County Code:	43
Air Basin:	SF
Facility ID:	4692
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1999
County Code:	43
Air Basin:	SF
Facility ID:	4692
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

SWAN CLEANERS (Continued) **1004441192**

Year:	2000
County Code:	43
Air Basin:	SF
Facility ID:	4692
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2001
County Code:	43
Air Basin:	SF
Facility ID:	4692
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2002
County Code:	43
Air Basin:	SF
Facility ID:	4692
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2003
County Code:	43
Air Basin:	SF
Facility ID:	4692
Air District Name:	BA
SIC Code:	7216

SWAN CLEANERS (Continued) **1004441192**

Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2004
County Code:	43
Air Basin:	SF
Facility ID:	4692
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.314
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2005
County Code:	43
Air Basin:	SF
Facility ID:	4692
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2006
County Code:	43
Air Basin:	SF
Facility ID:	4692
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.314
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0

SWAN CLEANERS (Continued) **1004441192**

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2008
County Code:	43
Air Basin:	SF
Facility ID:	4692
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.634
Reactive Organic Gases Tons/Yr:	.128
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2009
County Code:	43
Air Basin:	SF
Facility ID:	4692
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.314
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2010
County Code:	43
Air Basin:	SF
Facility ID:	4692
Air District Name:	BA
SIC Code:	7216
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.32000000000000001
Reactive Organic Gases Tons/Yr:	0.128
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

E26 NNE 1/8-1/4 0.144 mi. 761 ft. | **SHARP S ONE HOUR MARTINIZING** | **EDR US Hist Cleaners** | **1009133271**
840 N WINCHESTER BLVD | **N/A**
SAN JOSE, CA

Site 4 of 5 in cluster E

Relative: Lower

Actual: 116 ft.

EDR Historical Cleaners:

Name:	SHARP S ONE HOUR MARTINIZING
Year:	1970
Type:	CLEANERS AND DYERS
Name:	SHARP S ONE HOUR MARTINIZING
Year:	1975
Type:	CLEANERS AND DYERS
Name:	SWAN CLEANERS
Year:	1999
Address:	840 N WINCHESTER BLVD
Name:	SWAN CLEANERS
Year:	2000
Address:	840 N WINCHESTER BLVD
Name:	SWAN CLEANERS
Year:	2005
Address:	840 N WINCHESTER BLVD
Name:	SWAN CLEANERS
Year:	2006
Address:	840 N WINCHESTER BLVD
Name:	SWAN CLEANERS
Year:	2009
Address:	840 N WINCHESTER BLVD

E27 NNE 1/8-1/4 0.156 mi. 826 ft. | **R.V. CLOUD CO.** | **HIST UST** | **U001600891**
300 WINCHESTER BLVD. | **N/A**
CAMPBELL, CA 95008

Site 5 of 5 in cluster E

Relative: Lower

Actual: 116 ft.

HIST UST:

Region:	STATE
Facility ID:	00000008351
Facility Type:	Other
Other Type:	WHOLESALER
Contact Name:	RICHARD REILLY
Telephone:	4083787943
Owner Name:	R.V. CLOUD. CO.
Owner Address:	3000 WINCHESTER BLVD.
Owner City,St,Zip:	CAMPBELL, CA 95008
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1982
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported

R.V. CLOUD CO. (Continued) **U001600891**

Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: 003
Container Num: 3
Year Installed: 1980
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

---

28 SSW 1/8-1/4 0.162 mi. 856 ft. | **BAY AREA RESEARCH EXTENSION CENTER**
90 NORTH WINCHESTER BLVD.
SANTA CLARA, CA 95050 | **NPDES** **S106568333**
VCP **N/A**
ENVIROSTOR

Relative: Higher

Actual: 127 ft.

NPDES:
Npdes Number: CAS000002
Facility Status: Active
Agency Id: 0
Region: 2
Regulatory Measure Id: 421082
Order No: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 2 43C362339
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 11/02/2011
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: SummerHill Winchester
Discharge Address: 3000 Executive Parkway suite 450
Discharge City: San Ramon
Discharge State: California
Discharge Zip: 94583

VCP:
Facility ID: 43010031
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 17
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program

BAY AREA RESEARCH EXTENSION CENTER (Continued) **S106568333**

Project Manager:	Karen Toth
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Site Code:	201766
Assembly:	25
Senate:	10
Special Programs Code:	Voluntary Cleanup Program
Status:	Certified
Status Date:	08/11/2010
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.32620 / -121.9525
APN:	303-17-048, 303-17-049, 303-17-053
Past Use:	RESEARCH - AGRICULTURAL
Potential COC:	30001, 30207
Confirmed COC:	30001,30207
Potential Description:	SOIL
Alias Name:	BAREC
Alias Type:	Alternate Name
Alias Name:	BAY AREA RESEARCH AND EXTENSION CENTER
Alias Type:	Alternate Name
Alias Name:	303-17-048
Alias Type:	APN
Alias Name:	303-17-049
Alias Type:	APN
Alias Name:	303-17-053
Alias Type:	APN
Alias Name:	110033617156
Alias Type:	EPA (FRS #)
Alias Name:	201464
Alias Type:	Project Code (Site Code)
Alias Name:	201766
Alias Type:	Project Code (Site Code)
Alias Name:	43010031
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	05/12/2003
Comments:	A Voluntary Cleanup Agreement was signed with the California Department of General Services.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand
Completed Date:	08/09/2006
Comments:	Overdue invoice letter sent
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	08/11/2010
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

BAY AREA RESEARCH EXTENSION CENTER (Continued) **S106568333**

Completed Document Type: Litigation Support
Completed Date: 09/09/2010
Comments: Met with attorney and reviewed files.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 08/11/2010
Comments: No further action required at the site. The site was cleaned up to residential standards.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 08/11/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/19/2007
Comments: The RAW was approved. The RAW consists of excavation of soil contaminated with dieldrin and arsenic and offsite disposal.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/30/2010
Comments: All fieldwork related to contaminated soils and implementation of the RAW has been completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/17/2006
Comments: Fact Sheet completed. Public Comment period for Draft RAW runs from March 22 through April 21, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/14/2006
Comments: Public Notice completed. Comment period for Draft RAW runs from March 22 through April 21, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 11/10/2003
Comments: The Report indicates that the chemicals of concern in soil are dieldrin and arsenic.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 11/07/2006
Comments: DTSC approves revised screening level risk assessment.

BAY AREA RESEARCH EXTENSION CENTER (Continued) **S106568333**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 09/23/2008
Comments: The H&S Plan was approved to ensure protection of the workers and the public during implementation of the Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 08/24/2009
Comments: Transmittal of data collected in response to the toxic tort case. Data correlates with previous data and will be used when defining actual excavations. This report has been reviewed, but does not require DTSC approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 08/31/2003
Comments: Community Profile Approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 04/15/2010
Comments: Health and Safety Plan accepted for Environ Corp. Environ will oversee activities at the site and will conduct air monitoring and confirmation sampling during the removal action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 04/15/2010
Comments: Health and Safety Plan accepted for EBS. EBS will conduct excavation and backfilling work as part of the removal action. EBS will also demolish the structures on site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 06/02/2010
Comments: HASP updated to address underground tank found at site. DTSC had no comments on the document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 06/04/2010
Comments: HASP updated to address underground tank found at site. DTSC had no comments on the document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 10/19/2007
Comments: A Notice of Determination (NOD) was filed. The NOD found that the

BAY AREA RESEARCH EXTENSION CENTER (Continued) **S106568333**

EIR prepared by the City pof Santa Clara was adequate and that the cleanup project will not have a significant effect on the environment.
Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 43010031
Status: Certified
Status Date: 08/11/2010
Site Code: 201766
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 17
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Karen Toth
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.32620
Longitude: -121.9525
APN: 303-17-048, 303-17-049, 303-17-053
Past Use: RESEARCH - AGRICULTURAL
Potential COC: Arsenic Dieldrin
Confirmed COC: Arsenic Dieldrin
Potential Description: SOIL
Alias Name: BAREC
Alias Type: Alternate Name
Alias Name: BAY AREA RESEARCH AND EXTENSION CENTER
Alias Type: Alternate Name
Alias Name: 303-17-048
Alias Type: APN
Alias Name: 303-17-049
Alias Type: APN
Alias Name: 303-17-053
Alias Type: APN
Alias Name: 110033617156
Alias Type: EPA (FRS #)
Alias Name: 201464
Alias Type: Project Code (Site Code)
Alias Name: 201766
Alias Type: Project Code (Site Code)

BAY AREA RESEARCH EXTENSION CENTER (Continued) **S106568333**

Alias Name: 43010031
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/12/2003
Comments: A Voluntary Cleanup Agreement was signed with the California Department of General Services.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/09/2006
Comments: Overdue invoice letter sent

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 08/11/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 09/09/2010
Comments: Met with attorney and reviewed files.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 08/11/2010
Comments: No further action required at the site. The site was cleaned up to residential standards.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 08/11/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/19/2007
Comments: The RAW was approved. The RAW consists of excavation of soil contaminated with dieldrin and arsenic and offsite disposal.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/30/2010
Comments: All fieldwork related to contaminated soils and implementation of the RAW has been completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

BAY AREA RESEARCH EXTENSION CENTER (Continued) **S106568333**

Completed Document Type: Fact Sheets
Completed Date: 03/17/2006
Comments: Fact Sheet completed. Public Comment period for Draft RAW runs from March 22 through April 21, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/14/2006
Comments: Public Notice completed. Comment period for Draft RAW runs from March 22 through April 21, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 11/10/2003
Comments: The Report indicates that the chemicals of concern in soil are dieldrin and arsenic.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 11/07/2006
Comments: DTSC approves revised screening level risk assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 09/23/2008
Comments: The H&S Plan was approved to ensure protection of the workers and the public during implementation of the Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 08/24/2009
Comments: Transmittal of data collected in response to the toxic tort case. Data correlates with previous data and will be used when defining actual excavations. This report has been reviewed, but does not require DTSC approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 08/31/2003
Comments: Community Profile Approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 04/15/2010
Comments: Health and Safety Plan accepted for Environ Corp. Environ will oversee activities at the site and will conduct air monitoring and confirmation sampling during the removal action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

BAY AREA RESEARCH EXTENSION CENTER (Continued) **S106568333**

Completed Document Type:	Health & Safety Plan
Completed Date:	04/15/2010
Comments:	Health and Safety Plan accepted for EBS. EBS will conduct excavation and backfilling work as part of the removal action. EBS will also demolish the structures on site.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Health & Safety Plan
Completed Date:	06/02/2010
Comments:	HASP updated to address underground tank found at site. DTSC had no comments on the document.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Health & Safety Plan
Completed Date:	06/04/2010
Comments:	HASP updated to address underground tank found at site. DTSC had no comments on the document.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Responsible Agency Review
Completed Date:	10/19/2007
Comments:	A Notice of Determination (NOD) was filed. The NOD found that the EIR prepared by the City pof Santa Clara was adequate and that the cleanup project will not have a significant effect on the environment. Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

29
ENE
1/8-1/4
0.221 mi.
1167 ft.

EDWARD D. & DOLORES A. MORTON **HIST UST** **U001602960**
766 N REDWOOD AVE **N/A**
SAN JOSE, CA 95128

Relative:
Lower

Actual:
115 ft.

HIST UST:

Region:	STATE
Facility ID:	00000053934
Facility Type:	Other
Other Type:	PRIVATE HOME
Contact Name:	Not reported
Telephone:	4089841070
Owner Name:	EDWARD D. & DOLORES A. MORTON
Owner Address:	766 N. REDWOOD AVE.
Owner City,St,Zip:	SAN JOSE, CA 95128
Total Tanks:	0001
Tank Num:	001

EDWARD D. & DOLORES A. MORTON (Continued) **U001602960**

Container Num:	01
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

F30
SSE
1/4-1/2
0.358 mi.
1890 ft.

GOODWILL INDUSTRIES **SWRCY** **S108219227**
3071 STEVENS CREEK BLVD **N/A**
SANTA CLARA, CA 95050

Site 1 of 3 in cluster F

Relative:
Higher

Actual:
133 ft.

SWRCY:

Reg Id:	27510
Cert Id:	RC4418
Mailing Address:	1080 N 7th St
Mailing City:	San Jose
Mailing State:	CA
Mailing Zip Code:	95112
Website:	Not reported
Email:	ryang@goodwillsv.org
Phone Number:	(408) 998-5774
Grand Father:	N
Rural:	N
Operation Begin Date:	10/24/1991
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Agency:	N/A
Monday Hours Of Operation:	CLOSED
Tuesday Hours Of Operation:	CLOSED
Wednesday Hours Of Operation:	9:00 am - 4:30 pm
Thursday Hours Of Operation:	9:00 am - 4:30 pm
Friday Hours Of Operation:	9:00 am - 4:30 pm
Saturday Hours Of Operation:	9:00 am - 4:30 pm
Sunday Hours Of Operation:	CLOSED
Organization ID:	18917
Organization Name:	Goodwill Industries of Santa Clara County

31
South
1/4-1/2
0.360 mi.
1901 ft.

FIRESTONE STORES **HIST CORTESE** **S103972465**
3150 STEVENS CREEK BLVD **LUST** **N/A**
SAN JOSE, CA 95117 **HIST LUST**
SWEEPS UST

Relative:
Higher

Actual:
133 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	43
Reg By:	LTNKA
Reg Id:	43-2209

LUST:

Region:	STATE

FIRESTONE STORES (Continued) **S103972465**

Global Id:	T0608502027
Latitude:	37.323163
Longitude:	-121.952272
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/23/1998
Lead Agency:	SANTA CLARA COUNTY LOP
Case Worker:	UST
Local Agency:	SANTA CLARA COUNTY LOP
RB Case Number:	Not reported
LOC Case Number:	Not reported
File Location:	Stored electronically as an E-file
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0608502027
Contact Type:	Regional Board Caseworker
Contact Name:	ZSC
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608502027
Contact Type:	Local Agency Caseworker
Contact Name:	UST CASE WORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE
Email:	Not reported
Phone Number:	4089183400

Status History:

Global Id:	T0608502027
Status:	Open - Site Assessment
Status Date:	02/04/1998

Global Id:	T0608502027
Status:	Completed - Case Closed
Status Date:	07/23/1998

Global Id:	T0608502027
Status:	Open - Case Begin Date
Status Date:	12/16/1997

Regulatory Activities:

Global Id:	T0608502027
Action Type:	Other
Date:	12/16/1997
Action:	Leak Reported

FIRESTONE STORES (Continued) **S103972465**

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	07S1W15J02f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	2/4/1998
Pollution Characterization Began:	2/4/1998
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

LUST SANTA CLARA:

Region:	SANTA CLARA
SCVWD ID:	07S1W15J02F
Date Closed:	07/23/1998
EDR Link ID:	07S1W15J02F

HIST LUST SANTA CLARA:

Region:	SANTA CLARA
Region Code:	2
SCVWD ID:	07S1W15J02
Oversite Agency:	SCVWD
Date Listed:	1997-12-30 00:00:00
Closed Date:	1998-07-23 00:00:00

SWEEPS UST:

Status:	Active
Comp Number:	401673
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-060-401673-000002
Tank Status:	A
Capacity:	550
Active Date:	Not reported
Tank Use:	OIL
STG:	W
Content:	Not reported
Number Of Tanks:	1

Status:	Not reported
Comp Number:	401673
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported

FIRESTONE STORES (Continued) **S103972465**

Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-401673-000001
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: Not reported
Number Of Tanks: 1

F32 SSE 1/4-1/2 0.370 mi. 1951 ft. **COURTESY CEHVROLET** **HIST CORTESE** **1000370098**
3030 STEVENS CREEK **LUST** **N/A**
SAN JOSE, CA 95128 **HIST LUST**
HIST UST
Site 2 of 3 in cluster F **SWEEPS UST**

Relative: Higher

Actual: 134 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-1867

LUST:
Region: STATE
Global Id: T0608525806
Latitude: 37.322358
Longitude: -121.949244
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/18/1996
Lead Agency: SANTA CLARA COUNTY LOP
Case Worker: UST
Local Agency: SANTA CLARA COUNTY LOP
RB Case Number: Not reported
LOC Case Number: Not reported
File Location: Stored electronically as an E-file
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0608525806
Contact Type: Regional Board Caseworker
Contact Name: ZSC
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608525806
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300

COURTESY CEHVROLET (Continued) **1000370098**

City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

Status History:
Global Id: T0608525806
Status: Open - Site Assessment
Status Date: 03/30/1994

Global Id: T0608525806
Status: Open - Site Assessment
Status Date: 04/01/1994

Global Id: T0608525806
Status: Open - Case Begin Date
Status Date: 03/30/1994

Global Id: T0608525806
Status: Completed - Case Closed
Status Date: 11/18/1996

Regulatory Activities:
Global Id: T0608525806
Action Type: Other
Date: 03/30/1994
Action: Leak Reported

Global Id: T0608525806
Action Type: ENFORCEMENT
Date: 09/07/1995
Action: Notice of Responsibility - #39566

Global Id: T0608525806
Action Type: REMEDIATION
Date: 03/30/1994
Action: Excavation

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 07S1W14M02f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 3/30/1994
Pollution Characterization Began: 4/1/1994
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

COURTESY CEHVROLET (Continued) **1000370098**

LUST SANTA CLARA:
Region: SANTA CLARA
SCVWD ID: 07S1W14M02F
Date Closed: 11/18/1996
EDR Link ID: 07S1W14M02F

HIST LUST SANTA CLARA:
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 07S1W14M02
Oversite Agency: SCVWD
Date Listed: 1994-07-27 00:00:00
Closed Date: 1996-11-18 00:00:00

HIST UST:
Region: STATE
Facility ID: 00000039127
Facility Type: Other
Other Type: AUTO DEALERSHIP
Contact Name: GIL ALCALA
Telephone: 4082493131
Owner Name: BOB HAMILTON CHEVROLET
Owner Address: 3030 STEVENS CREEK BLVD.
Owner City,St,Zip: SAN JOSE, CA 95128
Total Tanks: 0005

Tank Num: 001
Container Num: G1
Year Installed: 1959
Tank Capacity: 00002500
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: G 2
Year Installed: 1959
Tank Capacity: 00002500
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None, 10

Tank Num: 003
Container Num: 03
Year Installed: 1959
Tank Capacity: 00002500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 004
Container Num: W4
Year Installed: 1959

COURTESY CEHVROLET (Continued) **1000370098**

Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	005
Container Num:	W5
Year Installed:	1959
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

SWEEPS UST:

Status:	Active
Comp Number:	400164
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-060-400164-000001
Tank Status:	A
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	4

Status:	Active
Comp Number:	400164
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-060-400164-000002
Tank Status:	A
Capacity:	3000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	400164
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-08-92
Created Date:	02-29-88

COURTESY CEHVROLET (Continued) **1000370098**

Owner Tank Id:	Not reported
SWRCB Tank Id:	43-060-400164-000003
Tank Status:	A
Capacity:	600
Active Date:	Not reported
Tank Use:	OIL
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	400164
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-060-400164-000005
Tank Status:	A
Capacity:	3000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	400164
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-060-400164-000004
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

F33 **TOWN & COUNTRY VILLAGE SHOPPING CENTER** **HIST Cal-Sites** **S102564483**
SSE **2980 & 3030 STEVENS CREEK BOULEVARD** **Cortese** **N/A**
1/4-1/2 **SAN JOSE, CA 95113** **DEED**
0.378 mi. **RESPONSE**
1997 ft. **Site 3 of 3 in cluster F** **ENVIROSTOR**

Relative:
Higher

Actual:
134 ft.

Calsite:

Region:	BERKELEY
Facility ID:	43590001
Facility Type:	RP
Type:	RESPONSIBLE PARTY
Branch:	NC
Branch Name:	NORTH COAST
File Name:	Not reported

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

State Senate District:	03232005
Status:	CERTIFIED OPERATION AND MAINTENANCE, ALL PLANNED ACTIVITIES IMPLEMENTED, REMEDIATION CONTINUES
Status Name:	CERTIFIED / OPERATION & MAINTENANCE
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL
NPL:	Not Listed
SIC Code:	59
SIC Name:	MISCELLANEOUS RETAIL
Access:	Uncontrolled
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Unknown
Staff Member Responsible for Site:	TPARK
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	SF
Region Water Control Board Name:	SAN FRANCISCO BAY
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	24
State Senate District Code:	13
Facility ID:	43590001
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	VCP
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01311997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	PPA
Activity Name:	PROSPECTIVE PURCHASER AGREEMENT
AWP Code:	ORDER
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02041997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06301997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	VCOMP
Activity Name:	VCA - COMPLETION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03031997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	PPA
Activity Name:	PROSPECTIVE PURCHASER AGREEMENT
AWP Code:	AMEND
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03031997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10261999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	PHAS1

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05022001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	24000
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	24,000 CUBIC YARDS OF CONTAMINATED SOIL WAS CONSOLIDATED INTO ASMALLER AREA.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	10312004
Revised Due Date:	03312005
Comments Date:	03232005
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	NEGD
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10261999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	PHAS2
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01102003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	AMEND
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12102001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	PLAN
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07132004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	OM
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07262004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	LOT2A
Proposed Budget:	0
AWP Completion Date:	Not reported

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Revised Due Date:	Not reported
Comments Date:	07272004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	LOTA2
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07272004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	LOT1A
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07272004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	9392
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07272004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	9393
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07272004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Facility ID:	43590001
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	LOT 6
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07272004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	LOT 7
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07272004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	9391
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07272004
Est Person-Yrs to complete:	0

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	LOT9A
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07272004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	LOT10
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07272004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	LOT11
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07272004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	LOT14
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07272004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	DEED
Activity Name:	DEED RESTRICTIONS

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

AWP Code:	LOT16
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07272004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	43590001
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	LOT13
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07272004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	2980 & 3030 STEVENS CREEK BOULEVARD
Alternate City,St,Zip:	SAN JOSE, CA 95113
Alternate Address:	360 WINCHESTER BLVD
Alternate City,St,Zip:	SAN JOSE, CA 95113
Background Info:	This 40-acre project covers the properties located at 2980, 3030 Stevens Creek Boulevard, and 360 Winchester Boulevard in San Jose. Until the early 1960, primarily orchards existed on the properties. Arsenic containing pesticides as well as chlorinated pesticides such as DDT was routinely applied. Then, a low-density strip shopping mall was constructed and occupied with up to 139 businesses in eleven different buildings.
Comments Date:	01102003

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Comments: Completed Phase II RA.
Comments Date: 01311997
Comments: Signed VCA with Federal Realty Investment Trust, to review and
Comments Date: 01311997
Comments: finalize a Preliminary Endangerment Assessment. The PEA was
Comments Date: 01311997
Comments: used to support their application for a Prospective Purchaser
Comments Date: 01311997
Comments: Agreement (PPA).
Comments Date: 02041997
Comments: Signed PPA with Federal Realty Investment Trust. The PPA will
Comments Date: 02041997
Comments: be open for comment until March 16, 1997. After comments are
Comments Date: 02041997
Comments: addressed the Settling Respondent will ensure that remediation
Comments Date: 02041997
Comments: takes place under DTSC oversight.
Comments Date: 03032005
Comments: Recorded Deed Restriction for Lot 5A.
Comments Date: 05022001
Comments: Completed Phase I RA.
Comments Date: 06301997
Comments: Completed PEA. The investigations indicated widespread
Comments Date: 06301997
Comments: contamiantion of the soil by arsenic and selected contamination
Comments Date: 06301997
Comments: by chlorinated pesticides, lead, and chlorinated solvents. The
Comments Date: 06301997
Comments: Investigation Report was approved as a PEA equivalent
Comments Date: 06301997
Comments: conditional on further investigations to determine the potential
Comments Date: 06301997
Comments: impact of the chlorinated solvents on groundwater.
Comments Date: 07132004
Comments: Approved O&M Plan.
Comments Date: 07262004
Comments: Signed O&M Agreement.
Comments Date: 07272004
Comments: Recorded 14 Deed Restrictions covering the individual parcels at
Comments Date: 07272004
Comments: the site. One parcel remains to be deed restricted. The
Comments Date: 07272004
Comments: property owner and the City are clarifying the land description
Comments Date: 07272004
Comments: of this parcel.
Comments Date: 10261999
Comments: Approved RAW. The RAW required excavation of soils to remove
Comments Date: 10261999
Comments: contaminants to regional background or levels which do not
Comments Date: 10261999
Comments: exceed the US EPA Region 9 residential Preliminary Remediation
Comments Date: 10261999
Comments: Goals (PRGs) from those areas which will have unrestricted use.
Comments Date: 10261999
Comments: Areas with unrestricted use could be utilized for the
Comments Date: 10261999
Comments: establishment of single family homes. Soils with contaminants

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Comments Date: 10261999
Comments: at levels below hazardous waste designations may be consolidated
Comments Date: 10261999
Comments: on site in the proposed commercial areas with restricted use.
Comments Date: 10261999
Comments: Any soils remaining on site will not have contaminants at levels
Comments Date: 10261999
Comments: which would pose a threat to construction workers on the site.
Comments Date: 12102001
Comments: Amended RAW to include Courtesy Chevrolet Site.
ID Name: CALSTARS CODE
ID Value: 200916
Alternate Name: TOWN & COUNTRY VILLAGE SHOPPING CENTERTOWN AND COUNTRY VILLAGE SHOPPING CENTERSANTANA ROAD
Special Programs Code: Not reported
Special Programs Name: Not reported

CORTESE:
Region: CORTESE
Envirostor Id: 43590001
Site/Facility Type: STATE RESPONSE
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Status Date: 03/23/2005
Site Code: 200916
Latitude: 37.319850
Longitude: -121.94898
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported

DEED:
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 07/27/2004
EDR Link ID: 43590001

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 07/27/2004
EDR Link ID: 43590001

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 07/27/2004
EDR Link ID: 43590001

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 07/27/2004
EDR Link ID: 43590001

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 07/27/2004
EDR Link ID: 43590001

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 07/27/2004
EDR Link ID: 43590001

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 07/27/2004
EDR Link ID: 43590001

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 07/27/2004
EDR Link ID: 43590001

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 07/27/2004
EDR Link ID: 43590001

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 07/27/2004
EDR Link ID: 43590001

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 07/27/2004
EDR Link ID: 43590001

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 03/03/2005
EDR Link ID: 43590001

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 07/27/2004
EDR Link ID: 43590001

Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 07/27/2004
EDR Link ID: 43590001

RESPONSE:
Facility ID: 43590001
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 40
National Priorities List: NO

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Alex Lee
Supervisor:	Mark Piros
Division Branch:	Cleanup Berkeley
Site Code:	200916
Site Mgmt. Req.:	REM, ASP, FOUN, DAY, HOS, LUC, EX, NOWN, NUSE, NSUB, HS, SCH, COV
Assembly:	28
Senate:	15
Special Program Status:	Prospective Purchaser Program
Status:	Certified / Operation & Maintenance
Status Date:	03/23/2005
Restricted Use:	YES
Funding:	Responsible Party
Latitude:	37.31985
Longitude:	-121.9489
APN:	277-33-008, 277-33-016, 277-40-004, 277-40-005, 277-40-011, 277-40-012, 277-40-014, 277-40-015, 277-40-016, 277-40-020, 277-40-022, 277-44-001, 277-45-001, 277-45-002, 277-46-001
Past Use:	AGRICULTURAL - ORCHARD, RETAIL - VEHICLES
Potential COC :	Arsenic DDD DDE DDT Lead
Confirmed COC:	Arsenic DDD DDE DDT Lead
Potential Description:	SOIL
Alias Name:	SANTANA ROAD
Alias Type:	Alternate Name
Alias Name:	Santana Row
Alias Type:	Alternate Name
Alias Name:	TOWN AND COUNTRY VILLAGE SHOPPING CENTER
Alias Type:	Alternate Name
Alias Name:	277-33-008
Alias Type:	APN
Alias Name:	277-33-016
Alias Type:	APN
Alias Name:	277-40-004
Alias Type:	APN
Alias Name:	277-40-005
Alias Type:	APN
Alias Name:	277-40-011
Alias Type:	APN
Alias Name:	277-40-012
Alias Type:	APN
Alias Name:	277-40-014
Alias Type:	APN
Alias Name:	277-40-015
Alias Type:	APN
Alias Name:	277-40-016
Alias Type:	APN
Alias Name:	277-40-020
Alias Type:	APN
Alias Name:	277-40-022
Alias Type:	APN
Alias Name:	277-44-001
Alias Type:	APN
Alias Name:	277-45-001
Alias Type:	APN
Alias Name:	277-45-002
Alias Type:	APN

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Alias Name: 277-46-001
Alias Type: APN
Alias Name: 110033609575
Alias Type: EPA (FRS #)
Alias Name: 200916
Alias Type: Project Code (Site Code)
Alias Name: 43590001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/15/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/02/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/20/2010
Comments: Site does not violate land use restrictions.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 03/03/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Prospective Purchaser Agreement
Completed Date: 02/04/1997
Comments: Signed PPA with Federal Realty Investment Trust. The PPA will be open for comment until March 16, 1997. After comments are addressed the Settling Respondent will ensure that remediation takes place under DTSC oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Voluntary Cleanup Agreement Completion
Completed Date: 03/03/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Prospective Purchaser Agreement
Completed Date: 03/03/1997
Comments: Amendment to Prospective Purchaser Agreement

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 2A recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 07/26/2004
Comments: Signed O&M Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 10/26/1999
Comments: Initial Study/Negative Declaration done by DTSC in conjunction with Removal Action Workplan to comply with CEQA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/23/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 01/31/1997
Comments: Signed VCA with Federal Realty Investment Trust, to review and finalize a Preliminary Endangerment Assessment. The PEA was used to support their application for a Prospective Purchaser Agreement (PPA). Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/01/2009
Comments: The sidewalks, streets and parking lots were well maintained and in good condition. The selected remedial action remains protective of human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/18/2013
Comments: DTSC letter with oversight cost estimate for fiscal year 2013/2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 13A recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 16B recorded

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction of Lot 14 A recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 11 A recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 10 Tract 9275 recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 9A recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Parcel A, Tract 9391 recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 7, Tract 9275 recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 6, Tract 9275 recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Parcels A, B, and C, Tract 9393 recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Parcel A, Tract 9392 recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 1A recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot A2 recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/16/2011
Comments: DTSC made an annual site visit and prepared a report of the visit. The Site use has not changed and all restrictions and requirements of the land use covenants that are in place are being followed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Release/Rescission
Completed Date: 05/26/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 07/13/2004
Comments: Approved O&M Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 12/10/2001
Comments: Amended RAW to include Courtesy Chevrolet Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/10/2003
Comments: Completed Phase II RA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/02/2001
Comments: Completed Phase I RA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/26/1999
Comments: Approved RAW. The RAW required excavation of soils to remove contaminants to regional background or levels which do not exceed the US EPA Region 9 residential Preliminary Remediation Goals (PRGs) from those areas which will have unrestricted use. Areas with unrestricted use could be utilized for the establishment of single family homes. Soils with contaminants at levels below hazardous waste designations

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

may be consolidated on site in the proposed commercial areas with restricted use. Any soils remaining on site will not have contaminants at levels which would pose a threat to construction workers on the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/30/1997
Comments: Completed PEA. The investigations indicated widespread contamiantion of the soil by arsenic and selected contamination by chlorinated pesticides, lead, and chlorinated solvents. The Investigation Report was approved as a PEA equivalent conditional on further investigations to determine the potential impact of the chlorinated solvents on groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/10/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/25/2006
Comments: Report submitted and approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 03/12/2002
Comments: Approve the design plans for the Phase II work on-site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/24/2001
Comments: Fact Sheet announcing the availability of a draft amendment to the Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/30/1999
Comments: Issued public notice announcing the availability of the draft Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/30/1999
Comments: Issued Fact Sheet announcing the availability of the draft Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Completed Document Type: Removal Action Completion Report
Completed Date: 03/18/2005
Comments: Implementation Report documents activities that occurred on Lots 9 and 11.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/14/2005
Comments: RP inspection report noted no problems.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/07/2004
Comments: RP annual cap inspection report noted no problems.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/25/2002
Comments: Report documents removal and replacement of soils at the Building 12 area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 06/23/2000
Comments: Removal Design for Phase I activities

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/19/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/13/2007
Comments: DTSC approves the Notice of Planned Construction. A draft revised land use covent is currenty being reviewed by OLC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 01/16/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 03/21/2008
Comments: no comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Completed Document Type: Public Notice
Completed Date: 07/01/2008
Comments: Approval of excavation for new speed ramp. A work notice is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/12/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 08/15/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/29/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/01/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/23/2010
Comments: Report approved. Data meets residential RAOs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/22/2010
Comments: Report approved without comments. Inspection reveals no significant damage to CAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/07/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/18/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/21/2014

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 04/29/2010
Comments: Soil approved for non-restricted use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 01/23/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 01/26/2012
Comments: Work notice regarding construction activities on Lot 8B was approved by DTSC and hand-delivered on January 27, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/01/2012
Comments: The excavation in preparation for the building to be constructed on Lot 8B has been completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/20/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 07/14/2014
Comments: Financial Assurance documentation is approved: No issues were found.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/25/2008
Comments: The sidewalks, streets and parking lots were well maintained and in good condition.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/06/2010

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/09/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 12/10/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/23/2007
Comments: No problems noted during the inspection.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/03/2005
Comments: Deed Restriction for Parcel A, Tract 9430 recorded

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2016
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2017
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2019
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 43590001
Status: Certified / Operation & Maintenance
Status Date: 03/23/2005
Site Code: 200916
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 40
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Alex Lee
Supervisor: Mark Piros

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Division Branch:	Cleanup Berkeley
Assembly:	28
Senate:	15
Special Program:	Prospective Purchaser Program
Restricted Use:	YES
Site Mgmt Req:	REM, ASP, FOUN, DAY, HOS, LUC, EX, NOWN, NUSE, NSUB, HS, SCH, COV
Funding:	Responsible Party
Latitude:	37.31985
Longitude:	-121.9489
APN:	277-33-008, 277-33-016, 277-40-004, 277-40-005, 277-40-011, 277-40-012, 277-40-014, 277-40-015, 277-40-016, 277-40-020, 277-40-022, 277-44-001, 277-45-001, 277-45-002, 277-46-001
Past Use:	AGRICULTURAL - ORCHARD, RETAIL - VEHICLES
Potential COC:	Arsenic DDD DDE DDT Lead
Confirmed COC:	Arsenic DDD DDE DDT Lead
Potential Description:	SOIL
Alias Name:	SANTANA ROAD
Alias Type:	Alternate Name
Alias Name:	Santana Row
Alias Type:	Alternate Name
Alias Name:	TOWN AND COUNTRY VILLAGE SHOPPING CENTER
Alias Type:	Alternate Name
Alias Name:	277-33-008
Alias Type:	APN
Alias Name:	277-33-016
Alias Type:	APN
Alias Name:	277-40-004
Alias Type:	APN
Alias Name:	277-40-005
Alias Type:	APN
Alias Name:	277-40-011
Alias Type:	APN
Alias Name:	277-40-012
Alias Type:	APN
Alias Name:	277-40-014
Alias Type:	APN
Alias Name:	277-40-015
Alias Type:	APN
Alias Name:	277-40-016
Alias Type:	APN
Alias Name:	277-40-020
Alias Type:	APN
Alias Name:	277-40-022
Alias Type:	APN
Alias Name:	277-44-001
Alias Type:	APN
Alias Name:	277-45-001
Alias Type:	APN
Alias Name:	277-45-002
Alias Type:	APN
Alias Name:	277-46-001
Alias Type:	APN
Alias Name:	110033609575
Alias Type:	EPA (FRS #)
Alias Name:	200916
Alias Type:	Project Code (Site Code)
Alias Name:	43590001

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/15/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/02/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/20/2010
Comments: Site does not violate land use restrictions.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 03/03/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Prospective Purchaser Agreement
Completed Date: 02/04/1997
Comments: Signed PPA with Federal Realty Investment Trust. The PPA will be open for comment until March 16, 1997. After comments are addressed the Settling Respondent will ensure that remediation takes place under DTSC oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Voluntary Cleanup Agreement Completion
Completed Date: 03/03/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Prospective Purchaser Agreement
Completed Date: 03/03/1997
Comments: Amendment to Prospective Purchaser Agreement

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 2A recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 07/26/2004

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Comments: Signed O&M Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 10/26/1999
Comments: Initial Study/Negative Declaration done by DTSC in conjunction with Removal Action Workplan to comply with CEQA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/23/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 01/31/1997
Comments: Signed VCA with Federal Realty Investment Trust, to review and finalize a Preliminary Endangerment Assessment. The PEA was used to support their application for a Prospective Purchaser Agreement (PPA). Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/01/2009
Comments: The sidewalks, streets and parking lots were well maintained and in good condition. The selected remedial action remains protective of human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/18/2013
Comments: DTSC letter with oversight cost estimate for fiscal year 2013/2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 13A recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 16B recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction of Lot 14 A recorded

Completed Area Name: PROJECT WIDE

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 11 A recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 10 Tract 9275 recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 9A recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Parcel A, Tract 9391 recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 7, Tract 9275 recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 6, Tract 9275 recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Parcels A, B, and C, Tract 9393 recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Parcel A, Tract 9392 recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004
Comments: Deed Restriction for Lot 1A recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/27/2004

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Comments: Deed Restriction for Lot A2 recorded

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/16/2011
Comments: DTSC made an annual site visit and prepared a report of the visit. The Site use has not changed and all restrictions and requirements of the land use covenants that are in place are being followed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Release/Rescission
Completed Date: 05/26/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 07/13/2004
Comments: Approved O&M Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 12/10/2001
Comments: Amended RAW to include Courtesy Chevrolet Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/10/2003
Comments: Completed Phase II RA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/02/2001
Comments: Completed Phase I RA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/26/1999
Comments: Approved RAW. The RAW required excavation of soils to remove contaminants to regional background or levels which do not exceed the US EPA Region 9 residential Preliminary Remediation Goals (PRGs) from those areas which will have unrestricted use. Areas with unrestricted use could be utilized for the establishment of single family homes. Soils with contaminants at levels below hazardous waste designations may be consolidated on site in the proposed commercial areas with restricted use. Any soils remaining on site will not have contaminants at levels which would pose a threat to construction workers on the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/30/1997
Comments: Completed PEA. The investigations indicated widespread contamiantion of the soil by arsenic and selected contamination by chlorinated pesticides, lead, and chlorinated solvents. The Investigation Report was approved as a PEA equivalent conditional on further investigations to determine the potential impact of the chlorinated solvents on groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/10/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/25/2006
Comments: Report submitted and approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 03/12/2002
Comments: Approve the design plans for the Phase II work on-site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/24/2001
Comments: Fact Sheet announcing the availability of a draft amendment to the Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/30/1999
Comments: Issued public notice announcing the availability of the draft Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/30/1999
Comments: Issued Fact Sheet announcing the availability of the draft Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/18/2005
Comments: Implementation Report documents activities that occurred on Lots 9 and 11.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Completed Document Type: Operations and Maintenance Report
Completed Date: 10/14/2005
Comments: RP inspection report noted no problems.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/07/2004
Comments: RP annual cap inspection report noted no problems.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/25/2002
Comments: Report documents removal and replacement of soils at the Building 12 area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 06/23/2000
Comments: Removal Design for Phase I activities

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/19/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/13/2007
Comments: DTSC approves the Notice of Planned Construction. A draft revised land use covent is currenty being reviewed by OLC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 01/16/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 03/21/2008
Comments: no comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/01/2008
Comments: Approval of excavation for new speed ramp. A work notice is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Completed Date: 11/12/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 08/15/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/29/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/01/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/23/2010
Comments: Report approved. Data meets residential RAOs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/22/2010
Comments: Report approved without comments. Inspection reveals no significant damage to CAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/07/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/18/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/21/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 04/29/2010
Comments: Soil approved for non-restricted use.

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 01/23/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 01/26/2012
Comments: Work notice regarding construction activities on Lot 8B was approved by DTSC and hand-delivered on January 27, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/01/2012
Comments: The excavation in preparation for the building to be constructed on Lot 8B has been completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/20/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 07/14/2014
Comments: Financial Assurance documentation is approved: No issues were found.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/25/2008
Comments: The sidewalks, streets and parking lots were well maintained and in good condition.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/06/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/09/2006
Comments: Not reported

TOWN & COUNTRY VILLAGE SHOPPING CENTER (Continued) **S102564483**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Initial Study/ Neg. Declaration
Completed Date:	12/10/2001
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	03/23/2007
Comments:	No problems noted during the inspection.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction
Completed Date:	03/03/2005
Comments:	Deed Restriction for Parcel A, Tract 9430 recorded

Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2016
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2017
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	5 Year Review Reports
Future Due Date:	2019
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

G34
SE
1/4-1/2
0.437 mi.
2306 ft.

CHEVRON
2910 STEVENS CREEK
SAN JOSE, CA 95128

HIST CORTESE **S110060522**
LUST **N/A**

Site 1 of 2 in cluster G

Relative:
Higher

Actual:
133 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	43
Reg By:	LTNKA
Reg Id:	43-0315

LUST:

Region:	STATE
Global Id:	T0608500372
Latitude:	37.3231768
Longitude:	-121.946167
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/17/2000
Lead Agency:	SANTA CLARA COUNTY LOP

CHEVRON (Continued) **S110060522**

Case Worker:	UST
Local Agency:	SANTA CLARA COUNTY LOP
RB Case Number:	Not reported
LOC Case Number:	Not reported
File Location:	Stored electronically as an E-file
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0608500372
Contact Type:	Regional Board Caseworker
Contact Name:	ZSC
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0608500372
Contact Type:	Local Agency Caseworker
Contact Name:	UST CASE WORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE
Email:	Not reported
Phone Number:	4089183400

Status History:

Global Id:	T0608500372
Status:	Open - Site Assessment
Status Date:	08/23/1993

Global Id:	T0608500372
Status:	Open - Site Assessment
Status Date:	11/15/1990

Global Id:	T0608500372
Status:	Completed - Case Closed
Status Date:	07/17/2000

Global Id:	T0608500372
Status:	Open - Verification Monitoring
Status Date:	07/23/1993

Global Id:	T0608500372
Status:	Open - Case Begin Date
Status Date:	10/03/1984

Regulatory Activities:

Global Id:	T0608500372
Action Type:	ENFORCEMENT
Date:	08/30/1993
Action:	Staff Letter - #22109

CHEVRON (Continued) **S110060522**

Global Id: T0608500372
Action Type: ENFORCEMENT
Date: 02/12/1996
Action: Staff Letter - #22124

Global Id: T0608500372
Action Type: ENFORCEMENT
Date: 03/02/1997
Action: Staff Letter - #22128

Global Id: T0608500372
Action Type: ENFORCEMENT
Date: 05/26/1998
Action: Staff Letter - #22138

Global Id: T0608500372
Action Type: Other
Date: 10/03/1984
Action: Leak Reported

Global Id: T0608500372
Action Type: RESPONSE
Date: 07/30/1999
Action: Monitoring Report - Quarterly

Global Id: T0608500372
Action Type: RESPONSE
Date: 07/10/1998
Action: Monitoring Report - Quarterly

Global Id: T0608500372
Action Type: RESPONSE
Date: 09/10/1997
Action: Monitoring Report - Quarterly

Global Id: T0608500372
Action Type: RESPONSE
Date: 05/06/1996
Action: Monitoring Report - Quarterly

Global Id: T0608500372
Action Type: RESPONSE
Date: 02/14/1996
Action: Monitoring Report - Quarterly

Global Id: T0608500372
Action Type: ENFORCEMENT
Date: 09/10/1992
Action: Notice of Violation - #39565

Global Id: T0608500372
Action Type: ENFORCEMENT
Date: 03/21/1988
Action: Staff Letter - #22107

Global Id: T0608500372
Action Type: ENFORCEMENT

CHEVRON (Continued) **S110060522**

Date: 03/01/1995
Action: Staff Letter - #22111

Global Id: T0608500372
Action Type: ENFORCEMENT
Date: 05/25/1999
Action: Staff Letter - #22142

Global Id: T0608500372
Action Type: ENFORCEMENT
Date: 04/30/1996
Action: Staff Letter - #22126

Global Id: T0608500372
Action Type: RESPONSE
Date: 05/08/1995
Action: Other Report / Document

Global Id: T0608500372
Action Type: RESPONSE
Date: 04/06/1996
Action: Monitoring Report - Quarterly

Global Id: T0608500372
Action Type: RESPONSE
Date: 03/05/1997
Action: Monitoring Report - Quarterly

Global Id: T0608500372
Action Type: RESPONSE
Date: 06/30/1997
Action: Monitoring Report - Quarterly

Global Id: T0608500372
Action Type: RESPONSE
Date: 04/30/1999
Action: Monitoring Report - Quarterly

Global Id: T0608500372
Action Type: ENFORCEMENT
Date: 09/02/1997
Action: Staff Letter - #22132

Global Id: T0608500372
Action Type: ENFORCEMENT
Date: 02/09/1996
Action: Staff Letter - #22122

Global Id: T0608500372
Action Type: RESPONSE
Date: 03/30/1988
Action: Preliminary Site Assessment Report

Global Id: T0608500372
Action Type: RESPONSE
Date: 09/02/1993
Action: Other Report / Document

CHEVRON (Continued) **S110060522**

Global Id: T0608500372
Action Type: REMEDIATION
Date: 02/09/1988
Action: Excavation

LUST SANTA CLARA:
Region: SANTA CLARA
SCVWD ID: 07S1W14M01F
Date Closed: 07/17/2000
EDR Link ID: 07S1W14M01F

G35
SE
1/4-1/2
0.437 mi.
2306 ft.

CHEVRON #9-9079
2910 STEVENS CREEK BLVD
SAN JOSE, CA 95128

LUST **S105030437**
HIST LUST **N/A**

Site 2 of 2 in cluster G

Relative:
Higher

Actual:
133 ft.

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 07S1W14M01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 11/15/1990
Pollution Characterization Began: 8/23/1993
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 7/23/1993

HIST LUST SANTA CLARA:
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 07S1W14M01
Oversite Agency: SCVWD
Date Listed: 1993-04-14 00:00:00
Closed Date: 2000-07-17 00:00:00

36
SW
1/4-1/2
0.456 mi.
2407 ft.

STEVENS CREEK NISSAN
3565 STEVENS CREEK BLVD.
SAN JOSE, CA 95117

HIST CORTESE **1000430218**
LUST **N/A**
CA FID UST
HIST LUST
HIST UST
CUPA Listings
SAN JOSE HAZMAT
SWEEPS UST

Relative:
Higher

Actual:
130 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 43

STEVENS CREEK NISSAN (Continued) **1000430218**

Reg By: LTNKA
Reg Id: 43-0056

LUST:

Region:	STATE
Global Id:	T0608517510
Latitude:	37.322781
Longitude:	-121.956314
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	10/16/1992
Lead Agency:	SANTA CLARA COUNTY LOP
Case Worker:	UST
Local Agency:	SANTA CLARA COUNTY LOP
RB Case Number:	Not reported
LOC Case Number:	Not reported
File Location:	Stored electronically as an E-file
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0608517510
Contact Type:	Local Agency Caseworker
Contact Name:	UST CASE WORKER
Organization Name:	SANTA CLARA COUNTY LOP
Address:	1555 Berger Drive, Suite 300
City:	SAN JOSE
Email:	Not reported
Phone Number:	4089183400

Global Id:	T0608517510
Contact Type:	Regional Board Caseworker
Contact Name:	ZSC
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0608517510
Status:	Open - Site Assessment
Status Date:	05/12/1992

Global Id:	T0608517510
Status:	Completed - Case Closed
Status Date:	10/16/1992

Global Id:	T0608517510
Status:	Open - Case Begin Date
Status Date:	04/08/1991

Regulatory Activities:

STEVENS CREEK NISSAN (Continued) **1000430218**

Global Id: T0608517510
Action Type: ENFORCEMENT
Date: 06/03/1991
Action: Notice of Responsibility - #39570

Global Id: T0608517510
Action Type: Other
Date: 04/08/1991
Action: Leak Reported

Global Id: T0608517510
Action Type: RESPONSE
Date: 04/15/1990
Action: Other Report / Document

Global Id: T0608517510
Action Type: RESPONSE
Date: 04/15/1990
Action: Other Report / Document

Global Id: T0608517510
Action Type: REMEDIATION
Date: 04/08/1991
Action: Excavation

Global Id: T0608517510
Action Type: ENFORCEMENT
Date: 10/16/1992
Action: Closure/No Further Action Letter

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 07S1W15K01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 5/12/1992
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:
Region: SANTA CLARA
SCVWD ID: 07S1W15K01F
Date Closed: 10/16/1992
EDR Link ID: 07S1W15K01F

CA FID UST:
Facility ID: 43012273

STEVENS CREEK NISSAN (Continued) **1000430218**

Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4089835900
Mail To:	Not reported
Mailing Address:	3529 STEVENS CREEK BLVD.
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN JOSE 95117
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST LUST SANTA CLARA:

Region:	SANTA CLARA
Region Code:	2
SCVWD ID:	07S1W15K01
Oversite Agency:	SCVWD
Date Listed:	1991-05-29 00:00:00
Closed Date:	1992-10-16 00:00:00

HIST UST:

Region:	STATE
Facility ID:	00000029739
Facility Type:	Other
Other Type:	NEW CAR DEALER
Contact Name:	DAVID THOMPSON
Telephone:	4082445400
Owner Name:	W.E. BEHEL INC.
Owner Address:	3350 STEVEN CREEK BLVD
Owner City,St,Zip:	SAN JOSE, CA 95117
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	1969
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	002
Container Num:	2
Year Installed:	1969
Tank Capacity:	00000400
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual

STEVENS CREEK NISSAN (Continued) **1000430218**

CUPA SANTA CLARA:

Region:	SANTA CLARA
PE#:	2206
Program Description:	GENERATES 5 TO <25 TONS/YR
Region:	SANTA CLARA
PE#:	BP04
Program Description:	HMBP FACILITY, 10-15 CHEMICALS
Region:	SANTA CLARA
PE#:	2011
Program Description:	APSA FACILITY-SPCC TEMPLATE (<10,000 GAL CAP)

SAN JOSE HAZMAT:

Region:	SAN JOSE
File Num:	411057
Class:	Auto Repair

SWEEPS UST:

Status:	Active
Comp Number:	91148
Number:	1
Board Of Equalization:	Not reported
Referral Date:	12-31-90
Action Date:	12-31-90
Created Date:	12-31-90
Owner Tank Id:	91148T001
SWRCB Tank Id:	43-010-091148-000001
Tank Status:	A
Capacity:	2000
Active Date:	12-31-90
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	2
Status:	Active
Comp Number:	91148
Number:	1
Board Of Equalization:	Not reported
Referral Date:	12-31-90
Action Date:	12-31-90
Created Date:	12-31-90
Owner Tank Id:	91148T002
SWRCB Tank Id:	43-010-091148-000002
Tank Status:	A
Capacity:	2000
Active Date:	12-31-90
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

H37 SE 1/4-1/2 0.496 mi. 2617 ft. | **UNOCAL #3969**
2850 STEVENS CREEK BLVD
SAN JOSE, CA 95128

LUST **1000167206**
HIST LUST **N/A**
HIST UST

Site 1 of 3 in cluster H

Relative: Higher

Actual: 133 ft.

LUST REG 2:

Region:	2
Facility Id:	Not reported
Facility Status:	Case Closed
Case Number:	07S1W14L02f
How Discovered:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	11/7/1989
Pollution Characterization Began:	11/7/1989
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

HIST LUST SANTA CLARA:

Region:	SANTA CLARA
Region Code:	2
SCVWD ID:	07S1W14L02
Oversite Agency:	SCVWD
Date Listed:	1990-12-17 00:00:00
Closed Date:	1995-07-07 00:00:00

HIST UST:

Region:	STATE
Facility ID:	00000006046
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	JOHN SIDNEY THOMPSON
Telephone:	4089848296
Owner Name:	UNION OIL CO.
Owner Address:	1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip:	SAN FRANCISCO, CA 94111
Total Tanks:	0003
Tank Num:	001
Container Num:	3969-1-1
Year Installed:	1969
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	002
Container Num:	3969-2-1
Year Installed:	1969
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM

UNOCAL #3969 (Continued) **1000167206**

Container Construction Thickness: P.C.S.
Leak Detection: Stock Inventor, 10

Tank Num: 003
Container Num: 3969-4-1
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: P.C.S.
Leak Detection: Stock Inventor

H38 **STEVENS CREEK 76** **HIST CORTESE** **S103993487**
SE **2850 STEVENS CREEK BL** **LUST** **N/A**
1/4-1/2 **SAN JOSE, CA 95128** **CUPA Listings**
0.496 mi. **SAN JOSE HAZMAT**
2617 ft. **Site 2 of 3 in cluster H** **SWEEPS UST**

Relative:
Higher

Actual:
133 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-1552

LUST:
Region: STATE
Global Id: T0608501514
Latitude: 37.32285
Longitude: -121.944115
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/07/1995
Lead Agency: SANTA CLARA COUNTY LOP
Case Worker: UST
Local Agency: SANTA CLARA COUNTY LOP
RB Case Number: Not reported
LOC Case Number: Not reported
File Location: Stored electronically as an E-file
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0608501514
Contact Type: Regional Board Caseworker
Contact Name: ZSC
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608501514
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP

STEVENS CREEK 76 (Continued) **S103993487**

Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

Status History:
Global Id: T0608501514
Status: Completed - Case Closed
Status Date: 07/07/1995

Global Id: T0608501514
Status: Open - Case Begin Date
Status Date: 11/07/1989

Global Id: T0608501514
Status: Open - Site Assessment
Status Date: 11/07/1989

Regulatory Activities:
Global Id: T0608501514
Action Type: Other
Date: 12/04/1989
Action: Leak Reported

Global Id: T0608501514
Action Type: ENFORCEMENT
Date: 12/21/1990
Action: Notice of Responsibility - #39564

Global Id: T0608501514
Action Type: RESPONSE
Date: 01/24/1991
Action: Other Report / Document

Global Id: T0608501514
Action Type: ENFORCEMENT
Date: 07/07/1995
Action: Closure/No Further Action Letter

Global Id: T0608501514
Action Type: REMEDIATION
Date: 11/07/1989
Action: Excavation

Region: STATE
Global Id: T0608578615
Latitude: 37.32285
Longitude: -121.944115
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/08/2004
Lead Agency: SANTA CLARA COUNTY LOP
Case Worker: UST
Local Agency: SANTA CLARA COUNTY LOP
RB Case Number: Not reported

STEVENS CREEK 76 (Continued) **S103993487**

LOC Case Number: Not reported
File Location: Stored electronically as an E-file
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0608578615
Contact Type: Regional Board Caseworker
Contact Name: ZSC
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608578615
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

Status History:
Global Id: T0608578615
Status: Open - Site Assessment
Status Date: 12/19/2000

Global Id: T0608578615
Status: Open - Case Begin Date
Status Date: 12/19/2000

Global Id: T0608578615
Status: Completed - Case Closed
Status Date: 12/08/2004

Regulatory Activities:
Global Id: T0608578615
Action Type: Other
Date: 02/05/2001
Action: Leak Reported

Global Id: T0608578615
Action Type: ENFORCEMENT
Date: 09/18/2001
Action: Staff Letter - #22105

Global Id: T0608578615
Action Type: RESPONSE
Date: 10/24/2001
Action: Soil and Water Investigation Workplan

STEVENS CREEK 76 (Continued) **S103993487**

LUST SANTA CLARA:

Region:	SANTA CLARA
SCVWD ID:	07S1W14L04F
Date Closed:	12/08/2004
EDR Link ID:	07S1W14L04F

Region:	SANTA CLARA
SCVWD ID:	07S1W14L02F
Date Closed:	07/07/1995
EDR Link ID:	07S1W14L02F

CUPA SANTA CLARA:

Region:	SANTA CLARA
PE#:	2202
Program Description:	GENERATES < 100 KG/YR

Region:	SANTA CLARA
PE#:	2399
Program Description:	UNDERGROUND STORAGE TANK PROGRAM RECORD

Region:	SANTA CLARA
PE#:	BP01
Program Description:	HMBP FACILITY, 1-3 CHEMICALS

SAN JOSE HAZMAT:

Region:	SAN JOSE
File Num:	400691
Class:	Gasoline Station

SWEEPS UST:

Status:	Active
Comp Number:	400691
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-08-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	43-060-400691-000003
Tank Status:	A
Capacity:	550
Active Date:	Not reported
Tank Use:	OIL
STG:	W
Content:	Not reported
Number Of Tanks:	1

Status:	Not reported
Comp Number:	400691
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported

STEVENS CREEK 76 (Continued) **S103993487**

SWRCB Tank Id: 43-060-400691-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 2

Status: Not reported
Comp Number: 400691
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-400691-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

H39 **TOSCO/76 #3969** **LUST** **S105512923**
SE **2850 STEVENS CREEK BLVD** **HIST LUST** **N/A**
1/4-1/2 **SAN JOSE, CA 95128**
0.496 mi.
2617 ft. **Site 3 of 3 in cluster H**

Relative:
Higher

Actual:
133 ft.

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Preliminary site assessment underway
Case Number: 07S1W14L04f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 12/19/2000
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HIST LUST SANTA CLARA:
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 07S1W14L04
Oversite Agency: SCVWD
Date Listed: 2001-02-20 00:00:00
Closed Date: 2004-12-08 00:00:00

40 SSE 1/2-1 0.743 mi. 3922 ft.

485 SOUTH MONROE
485 SOUTH MONROE STREET
SAN JOSE, CA 95128

NPDES **S111022966**
VCP **N/A**
ENVIROSTOR

Relative: Higher

Actual: 143 ft.

NPDES:

Npdes Number:	CAS000002
Facility Status:	Active
Agency Id:	0
Region:	2
Regulatory Measure Id:	422108
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	2 43C362580
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/07/2011
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	KB Home South Bay Inc
Discharge Address:	5000 Executive Parkway Suite 125
Discharge City:	San Ramon
Discharge State:	California
Discharge Zip:	94583

VCP:

Facility ID:	60001465
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	8.21
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Jovanne Villamater
Supervisor:	Mark Piros
Division Branch:	Cleanup Berkeley
Site Code:	201909
Assembly:	28
Senate:	15
Special Programs Code:	Voluntary Cleanup Program
Status:	Certified
Status Date:	11/02/2012
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.31985 / -121.9433
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ORCHARD
Potential COC:	30001, 30007
Confirmed COC:	30001,30007
Potential Description:	SOIL
Alias Name:	201909
Alias Type:	Project Code (Site Code)
Alias Name:	60001465
Alias Type:	Envirostor ID Number

485 SOUTH MONROE (Continued) **S111022966**

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 11/16/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/02/2012
Comments: DTSC certified the completion of the removal actlion at the Site. The Site has been cleaned up to levels that allow for residential (unrestricted) land use and no further action is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 04/06/2011
Comments: DTSC was identified as the lead agency to oversee cleanup of the site. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 03/03/2011
Comments: The letter outlines the proposed approach for cleanup of the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 12/07/2011
Comments: Final Community Profile approved by DTSC Public Participation Specialist.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 02/07/2012
Comments: DTSC approved the Final Removal Action Workplan (RAW) on February 7, 2012: no comments received during the public comment period; thus, no changes needed to be made to the Draft RAW. The site is to be cleaned to residential cleanup levels using excavation methods.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 12/05/2011
Comments: Fact Sheet announces the public comment period for Draft Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/05/2011
Comments: Public notice announces the public comment period for the Draft Removal Action Workplan.

485 SOUTH MONROE (Continued) **S111022966**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/08/2012
Comments: Excavation and off-site disposal of approximately 8,500 cubic yards of soil was completed. A Removal Action Completion Report is to be submitted to DTSC after infill of clean soil at site is completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/02/2012
Comments: DTSC approved the Removal Action Completion Report. The removal action was performed at the Site per the approved Final Removal Action Workplan. Soil contaminated with elevated levels of arsenic, lead, and DDE were excavated and hauled off-site for disposal at permitted landfills.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 02/14/2012
Comments: Work Notice announcing fieldwork scheduled to begin on 02/20/2012 was mailed to community.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/03/2013
Comments: DTSC concluded that fill material placed at the Lot 20 area within the larger 485 South Monroe site meets residential standards, and was suitable for use as fill at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 02/07/2012
Comments: CEQA Notice of Exemption signed by DTSC on 02/07/2012. To be filed with State Clearinghouse within the week.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/21/2011
Comments: DTSC letter replying to 3/3/2011 letter with proposed remedial approach.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

485 SOUTH MONROE (Continued) **S111022966**

ENVIROSTOR:

Facility ID:	60001465
Status:	Certified
Status Date:	11/02/2012
Site Code:	201909
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	8.21
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Jovanne Villamater
Supervisor:	Mark Piros
Division Branch:	Cleanup Berkeley
Assembly:	28
Senate:	15
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.31985
Longitude:	-121.9433
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ORCHARD
Potential COC:	Arsenic DDE
Confirmed COC:	Arsenic DDE
Potential Description:	SOIL
Alias Name:	201909
Alias Type:	Project Code (Site Code)
Alias Name:	60001465
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	11/16/2011
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	11/02/2012
Comments:	DTSC certified the completion of the removal actlion at the Site. The Site has been cleaned up to levels that allow for residential (unrestricted) land use and no further action is required.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Application
Completed Date:	04/06/2011
Comments:	DTSC was identified as the lead agency to oversee cleanup of the site. Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	*Correspondence - Received

485 SOUTH MONROE (Continued) **S111022966**

Completed Date: 03/03/2011
Comments: The letter outlines the proposed approach for cleanup of the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 12/07/2011
Comments: Final Community Profile approved by DTSC Public Participation Specialist.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 02/07/2012
Comments: DTSC approved the Final Removal Action Workplan (RAW) on February 7, 2012: no comments received during the public comment period; thus, no changes needed to be made to the Draft RAW. The site is to be cleaned to residential cleanup levels using excavation methods.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 12/05/2011
Comments: Fact Sheet announces the public comment period for Draft Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/05/2011
Comments: Public notice announces the public comment period for the Draft Removal Action Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/08/2012
Comments: Excavation and off-site disposal of approximately 8,500 cubic yards of soil was completed. A Removal Action Completion Report is to be submitted to DTSC after infill of clean soil at site is completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/02/2012
Comments: DTSC approved the Removal Action Completion Report. The removal action was performed at the Site per the approved Final Removal Action Workplan. Soil contaminated with elevated levels of arsenic, lead, and DDE were excavated and hauled off-site for disposal at permitted landfills.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 02/14/2012
Comments: Work Notice announcing fieldwork scheduled to begin on 02/20/2012 was mailed to community.

485 SOUTH MONROE (Continued) **S111022966**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	04/03/2013
Comments:	DTSC concluded that fill material placed at the Lot 20 area within the larger 485 South Monroe site meets residential standards, and was suitable for use as fill at the site.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	02/07/2012
Comments:	CEQA Notice of Exemption signed by DTSC on 02/07/2012. To be filed with State Clearinghouse within the week.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	03/21/2011
Comments:	DTSC letter replying to 3/3/2011 letter with proposed remedial approach.

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 01/09/2015
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/21/2014
Date Data Arrived at EDR: 10/07/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/09/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 01/09/2015
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/03/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/03/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/03/2014
Date Data Arrived at EDR: 12/12/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 48

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 09/30/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 37

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/04/2014
Date Made Active in Reports: 12/12/2014
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/03/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/04/2014
Date Made Active in Reports: 12/12/2014
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/03/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/17/2014
Date Data Arrived at EDR: 11/19/2014
Date Made Active in Reports: 12/24/2014
Number of Days to Update: 35

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 01/20/2015
Date Data Arrived at EDR: 01/21/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 15

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 01/21/2015
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 01/20/2015
Date Data Arrived at EDR: 01/21/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 15

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/21/2015
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/04/2014
Date Data Arrived at EDR: 11/07/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 10

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/10/2014
Date Data Arrived at EDR: 11/14/2014
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 87

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/05/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 12

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/06/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 19

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/20/2015
Date Data Arrived at EDR: 01/21/2015
Date Made Active in Reports: 01/27/2015
Number of Days to Update: 6

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 01/21/2015
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/23/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/10/2014
Date Data Arrived at EDR: 11/14/2014
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 87

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/13/2014
Date Data Arrived at EDR: 11/18/2014
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 83

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/04/2014
Date Data Arrived at EDR: 11/07/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 10

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/06/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 8

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/05/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 12

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 07/30/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/12/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/04/2014
Date Made Active in Reports: 12/12/2014
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/03/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/31/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/22/2014
Date Data Arrived at EDR: 12/22/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 38

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/22/2014
Next Scheduled EDR Contact: 04/06/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 12/15/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/26/2015
Number of Days to Update: 42

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/15/2014
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 12/01/2014
Date Data Arrived at EDR: 12/01/2014
Date Made Active in Reports: 01/23/2015
Number of Days to Update: 53

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 11/10/2014
Date Data Arrived at EDR: 12/01/2014
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 70

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/25/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/04/2014
Date Made Active in Reports: 12/12/2014
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/03/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2014
Date Data Arrived at EDR: 09/02/2014
Date Made Active in Reports: 09/24/2014
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/12/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 11/10/2014
Date Data Arrived at EDR: 12/01/2014
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 70

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/25/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 12/24/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/30/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 12/15/2014
Date Data Arrived at EDR: 12/18/2014
Date Made Active in Reports: 01/23/2015
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/05/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 12/08/2014
Date Data Arrived at EDR: 12/09/2014
Date Made Active in Reports: 01/23/2015
Number of Days to Update: 45

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 12/09/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/30/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 10/27/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 12/10/2014
Number of Days to Update: 42

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/28/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 01/20/2015
Date Data Arrived at EDR: 01/21/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 15

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/21/2015
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 01/20/2015
Date Data Arrived at EDR: 01/21/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 15

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 01/21/2015
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/03/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/12/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/24/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/12/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 12/30/2014
Date Data Arrived at EDR: 12/31/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/30/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/29/2015
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/22/2014
Next Scheduled EDR Contact: 04/06/2015
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/31/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/09/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/16/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 21

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/04/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/07/2014
Date Data Arrived at EDR: 10/08/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/16/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/09/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/17/2014
Date Data Arrived at EDR: 11/19/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 40

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Quarterly

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 11/19/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 45

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/15/2014
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 02/03/2015
Number of Days to Update: 36

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/18/2014
Next Scheduled EDR Contact: 04/06/2015
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 06/28/2014
Date Data Arrived at EDR: 07/03/2014
Date Made Active in Reports: 08/21/2014
Number of Days to Update: 49

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Annually

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/23/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/10/2014
Date Data Arrived at EDR: 11/12/2014
Date Made Active in Reports: 12/12/2014
Number of Days to Update: 30

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 35

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/16/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 03/25/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 34

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/24/2014
Next Scheduled EDR Contact: 04/06/2015
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/15/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/18/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Varies

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 02/06/2015
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Annually

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 02/06/2015
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Annually

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/15/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 11/13/2014
Date Data Arrived at EDR: 12/09/2014
Date Made Active in Reports: 01/26/2015
Number of Days to Update: 48

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/09/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/12/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/15/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: N/A

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/05/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/13/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/12/2015
Date Data Arrived at EDR: 01/13/2015
Date Made Active in Reports: 02/03/2015
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/13/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 12/30/2014
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/25/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/13/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/30/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/15/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/26/2015
Number of Days to Update: 42

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/15/2014
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 11/19/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/17/2014
Date Data Arrived at EDR: 11/18/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 41

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/28/2014
Date Data Arrived at EDR: 10/30/2014
Date Made Active in Reports: 12/10/2014
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/21/2014
Date Data Arrived at EDR: 11/07/2014
Date Made Active in Reports: 12/12/2014
Number of Days to Update: 35

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/21/2014
Date Data Arrived at EDR: 11/07/2014
Date Made Active in Reports: 12/15/2014
Number of Days to Update: 38

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 12/08/2014
Date Data Arrived at EDR: 12/11/2014
Date Made Active in Reports: 01/23/2015
Number of Days to Update: 43

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 12/05/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 10/06/2014
Date Data Arrived at EDR: 10/07/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 43

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 01/12/2015
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 24

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/17/2014
Date Data Arrived at EDR: 11/19/2014
Date Made Active in Reports: 01/06/2015
Number of Days to Update: 48

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/04/2014
Date Made Active in Reports: 12/12/2014
Number of Days to Update: 38

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/19/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 38

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/02/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 01/16/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 20

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/05/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 12/11/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/23/2015
Number of Days to Update: 39

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/04/2014
Date Made Active in Reports: 12/12/2014
Number of Days to Update: 38

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/22/2014
Date Data Arrived at EDR: 11/12/2014
Date Made Active in Reports: 12/19/2014
Number of Days to Update: 37

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/21/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 12/30/2014
Number of Days to Update: 35

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/21/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/20/2015
Date Data Arrived at EDR: 01/21/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 15

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/19/2015
Next Scheduled EDR Contact: 05/04/2015
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/18/2014
Next Scheduled EDR Contact: 04/06/2015
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 07/17/2014
Number of Days to Update: 41

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/12/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/19/2015
Date Data Arrived at EDR: 01/20/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 16

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/20/2015
Next Scheduled EDR Contact: 05/04/2015
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/19/2015
Next Scheduled EDR Contact: 05/04/2015
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/07/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 03/25/2014
Number of Days to Update: 28

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/19/2015
Next Scheduled EDR Contact: 05/04/2015
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 10/20/2014
Date Data Arrived at EDR: 10/22/2014
Date Made Active in Reports: 12/15/2014
Number of Days to Update: 54

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 05/04/2015
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 12/01/2014
Date Data Arrived at EDR: 12/11/2014
Date Made Active in Reports: 01/27/2015
Number of Days to Update: 47

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/27/2015
Number of Days to Update: 12

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/12/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 10/02/2014
Date Data Arrived at EDR: 10/03/2014
Date Made Active in Reports: 11/20/2014
Number of Days to Update: 48

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 10/08/2014
Date Data Arrived at EDR: 10/22/2014
Date Made Active in Reports: 12/15/2014
Number of Days to Update: 54

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/05/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 33

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/21/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 12/01/2014
Date Data Arrived at EDR: 12/05/2014
Date Made Active in Reports: 01/23/2015
Number of Days to Update: 49

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 12/18/2014
Date Data Arrived at EDR: 12/19/2014
Date Made Active in Reports: 01/23/2015
Number of Days to Update: 35

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/25/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/25/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 09/16/2014
Date Data Arrived at EDR: 09/18/2014
Date Made Active in Reports: 09/25/2014
Number of Days to Update: 7

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 02/06/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 11/01/2014
Date Data Arrived at EDR: 11/12/2014
Date Made Active in Reports: 12/12/2014
Number of Days to Update: 30

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/01/2014
Date Data Arrived at EDR: 11/12/2014
Date Made Active in Reports: 12/12/2014
Number of Days to Update: 30

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/01/2014
Date Data Arrived at EDR: 11/10/2014
Date Made Active in Reports: 12/15/2014
Number of Days to Update: 35

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/08/2014
Date Data Arrived at EDR: 12/09/2014
Date Made Active in Reports: 01/26/2015
Number of Days to Update: 48

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 12/05/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/08/2014
Date Data Arrived at EDR: 10/10/2014
Date Made Active in Reports: 11/20/2014
Number of Days to Update: 41

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/22/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/08/2014
Date Data Arrived at EDR: 10/10/2014
Date Made Active in Reports: 11/25/2014
Number of Days to Update: 46

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/22/2014
Next Scheduled EDR Contact: 04/06/2015
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 01/07/2015
Date Made Active in Reports: 02/03/2015
Number of Days to Update: 27

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/07/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 01/09/2015
Date Made Active in Reports: 02/03/2015
Number of Days to Update: 25

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/05/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 12/02/2014
Date Data Arrived at EDR: 12/04/2014
Date Made Active in Reports: 01/26/2015
Number of Days to Update: 53

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/04/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 38

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 12/04/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/12/2015
Date Made Active in Reports: 01/27/2015
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 01/05/2015
Next Scheduled EDR Contact: 04/06/2015
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/21/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 12/30/2014
Number of Days to Update: 36

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/21/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/09/2015
Date Data Arrived at EDR: 01/12/2015
Date Made Active in Reports: 02/03/2015
Number of Days to Update: 22

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/15/2014
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 12/15/2014
Date Data Arrived at EDR: 12/18/2014
Date Made Active in Reports: 01/26/2015
Number of Days to Update: 39

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/11/2014
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 12/30/2014
Number of Days to Update: 34

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/21/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/25/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/10/2014
Date Data Arrived at EDR: 11/10/2014
Date Made Active in Reports: 12/15/2014
Number of Days to Update: 35

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/09/2015
Next Scheduled EDR Contact: 05/25/2015
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 12/31/2014
Number of Days to Update: 36

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/21/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/11/2014
Date Made Active in Reports: 01/23/2015
Number of Days to Update: 43

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 11/17/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/05/2015
Number of Days to Update: 42

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/11/2014
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 11/17/2014
Date Data Arrived at EDR: 12/01/2014
Date Made Active in Reports: 01/27/2015
Number of Days to Update: 57

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/11/2014
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 01/06/2015
Date Data Arrived at EDR: 01/09/2015
Date Made Active in Reports: 02/05/2015
Number of Days to Update: 27

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/02/2015
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 02/03/2015
Number of Days to Update: 28

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/08/2014
Date Data Arrived at EDR: 12/08/2014
Date Made Active in Reports: 01/27/2015
Number of Days to Update: 50

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/05/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 10/28/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 12/12/2014
Number of Days to Update: 44

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 10/29/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 35

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/05/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
Data Release Frequency: Quarterly

Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 12/12/2014
Number of Days to Update: 44

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/26/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 02/02/2015
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/15/2014
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/18/2014
Date Data Arrived at EDR: 12/23/2014
Date Made Active in Reports: 01/27/2015
Number of Days to Update: 35

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/18/2014
Next Scheduled EDR Contact: 04/06/2015
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 11/17/2014
Date Data Arrived at EDR: 11/18/2014
Date Made Active in Reports: 12/30/2014
Number of Days to Update: 42

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/17/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/12/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/01/2014
Date Data Arrived at EDR: 11/05/2014
Date Made Active in Reports: 11/24/2014
Number of Days to Update: 19

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/04/2015
Next Scheduled EDR Contact: 05/18/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/19/2015
Next Scheduled EDR Contact: 05/04/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 29

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 08/07/2014
Number of Days to Update: 48

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/12/2014
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SANTANA ATRIUM PROPERTY
100 N. WINCHESTER BOULEVARD
SANTA CLARA, CA 95050

TARGET PROPERTY COORDINATES

Latitude (North):	37.3287 - 37˚ 19' 43.32''
Longitude (West):	121.9512 - 121˚ 57' 4.32''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	592918.6
UTM Y (Meters):	4131648.8
Elevation:	121 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37121-C8 SAN JOSE WEST, CA
Most Recent Revision:	1980

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

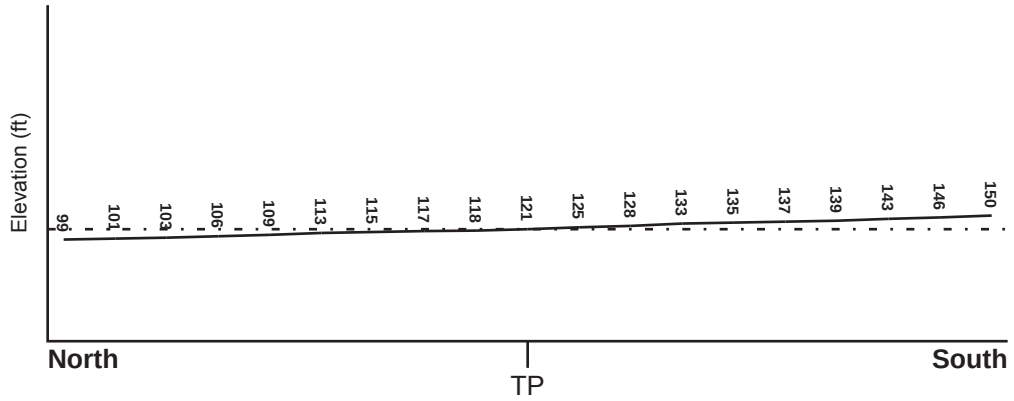
TOPOGRAPHIC INFORMATION

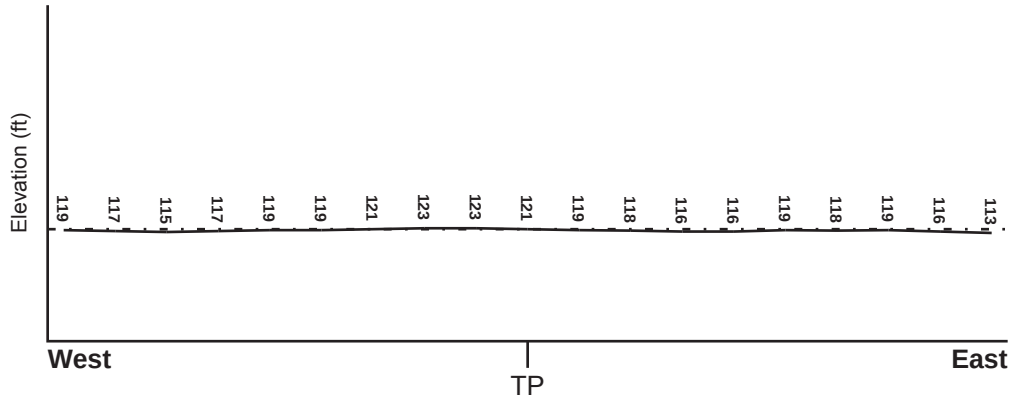
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 121 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
SANTA CLARA, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06085C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SAN JOSE WEST	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	BOTELLA
Soil Surface Texture:	clay loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	MODERATE
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	9 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.30 Min: 5.60
2	9 inches	41 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60
3	41 inches	76 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: No Other Soil Types

Surficial Soil Types: No Other Soil Types

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: No Other Soil Types

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A4	USGS40000182231	1/2 - 1 Mile East
C10	USGS40000182141	1/2 - 1 Mile SSE
C11	USGS40000182142	1/2 - 1 Mile SSE
C12	USGS40000182138	1/2 - 1 Mile SSE
C13	USGS40000182139	1/2 - 1 Mile SSE
C14	USGS40000182140	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

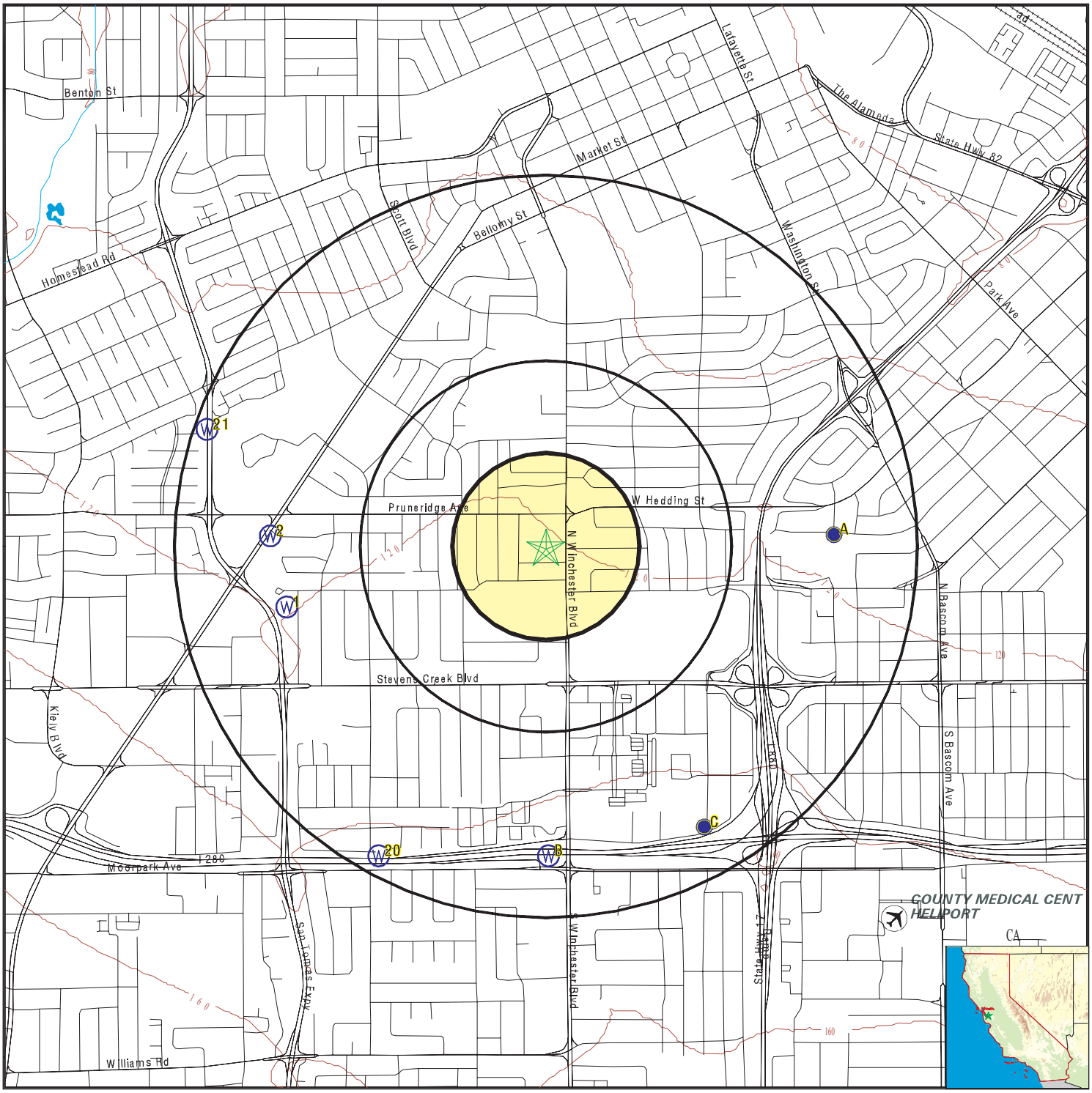
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	7756	1/2 - 1 Mile WSW
2	7755	1/2 - 1 Mile West
A3	7754	1/2 - 1 Mile East
B5	7700	1/2 - 1 Mile South
B6	7699	1/2 - 1 Mile South
B7	7701	1/2 - 1 Mile South
B8	7779	1/2 - 1 Mile South
B9	7778	1/2 - 1 Mile South
C15	CADW50000028204	1/2 - 1 Mile SSE
C16	CADW50000028203	1/2 - 1 Mile SSE
C17	CADW50000028205	1/2 - 1 Mile SSE
C18	CADW50000028207	1/2 - 1 Mile SSE
C19	CADW50000028206	1/2 - 1 Mile SSE
20	7767	1/2 - 1 Mile SSW
21	6910	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 4211656.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Santana Atrium Property	CLIENT: Krazan & Associates, Inc.
ADDRESS: 100 N. Winchester Boulevard Santa Clara CA 95050	CONTACT: Bill Vick
LAT/LONG: 37.3287 / 121.9512	INQUIRY #: 4211656.2s
	DATE: February 18, 2015 8:18 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
1 **WSW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**7756**

Water System Information:

Prime Station Code:	07S/01W-15E01 M	User ID:	HEN
FRDS Number:	4310012011	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	371935.0 1215746.0	Precision:	1 Mile (One Minute)
Source Name:	WELL 10		
System Number:	4310012		
System Name:	City of Santa Clara		
Organization That Operates System:			
	1500 WARBURTON AVE SANTA CLARA, CA 95050		
Pop Served:	94925	Connections:	23702
Area Served:	SANTA CLARA CITY		
Sample Collected:	24-FEB-11	Findings:	20. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08-AUG-11	Findings:	680. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08-AUG-11	Findings:	7.7
Chemical:	PH, LABORATORY		
Sample Collected:	08-AUG-11	Findings:	220. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	08-AUG-11	Findings:	270. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08-AUG-11	Findings:	320. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	08-AUG-11	Findings:	72. MG/L
Chemical:	CALCIUM		
Sample Collected:	08-AUG-11	Findings:	33. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08-AUG-11	Findings:	23. MG/L
Chemical:	SODIUM		
Sample Collected:	08-AUG-11	Findings:	1.3 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08-AUG-11	Findings:	49. MG/L
Chemical:	CHLORIDE		
Sample Collected:	08-AUG-11	Findings:	0.13 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	08-AUG-11	Findings:	120. UG/L
Chemical:	BARIUM		

Sample Collected:	08-AUG-11	Findings:	2.6 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08-AUG-11	Findings:	0.99 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08-AUG-11	Findings:	430. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08-AUG-11	Findings:	- 0.16
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	08-AUG-11	Findings:	19. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08-AUG-11	Findings:	9100. UG/L
Chemical:	CARBON DIOXIDE		
Sample Collected:	08-AUG-11	Findings:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08-AUG-11	Findings:	4400. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	08-AUG-11	Findings:	3. PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	08-AUG-11	Findings:	3. PCI/L
Chemical:	GROSS BETA MDA95		
Sample Collected:	14-FEB-12	Findings:	22. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	15-AUG-12	Findings:	18. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	27-FEB-14	Findings:	24. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	27-AUG-14	Findings:	. 720. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	27-AUG-14	Findings:	. 7.8
Chemical:	PH, LABORATORY		
Sample Collected:	27-AUG-14	Findings:	. 200. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	27-AUG-14	Findings:	. 240. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	27-AUG-14	Findings:	. 320. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	27-AUG-14	Findings:	. 74. MG/L
Chemical:	CALCIUM		
Sample Collected:	27-AUG-14	Findings:	. 34. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	27-AUG-14	Findings:	. 25. MG/L
Chemical:	SODIUM		
Sample Collected:	27-AUG-14	Findings:	. 1.3 MG/L
Chemical:	POTASSIUM		

Sample Collected:	27-AUG-14	Findings:	. 48. MG/L
Chemical:	CHLORIDE		
Sample Collected:	27-AUG-14	Findings:	. 0.15 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	27-AUG-14	Findings:	. 120. UG/L
Chemical:	BARIUM		
Sample Collected:	27-AUG-14	Findings:	. 450. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	27-AUG-14	Findings:	. 1.1
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	27-AUG-14	Findings:	. 20. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	27-AUG-14	Findings:	. 7.5e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	27-AUG-14	Findings:	. 12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	27-AUG-14	Findings:	. 4600. UG/L
Chemical:	NITRATE + NITRITE (AS N)		

2
West **CA WELLS** **7755**
1/2 - 1 Mile
Lower

Water System Information:

Prime Station Code:	07S/01W-15D01 M	User ID:	HEN
FRDS Number:	4310012006	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	371945.0 1215749.0	Precision:	1 Mile (One Minute)
Source Name:	WELL 06		
System Number:	4310012		
System Name:	City of Santa Clara		
Organization That Operates System:			
	1500 WARBURTON AVE SANTA CLARA, CA 95050		
Pop Served:	94925	Connections:	23702
Area Served:	SANTA CLARA CITY		
Sample Collected:	23-FEB-11	Findings:	26. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10-AUG-11	Findings:	0.913 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10-AUG-11	Findings:	0.774 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	10-AUG-11	Findings:	770. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10-AUG-11	Findings:	7.7
Chemical:	PH, LABORATORY		

Sample Collected:	10-AUG-11	Findings:	260. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	10-AUG-11	Findings:	320. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10-AUG-11	Findings:	360. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	10-AUG-11	Findings:	86. MG/L
Chemical:	CALCIUM		
Sample Collected:	10-AUG-11	Findings:	36. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10-AUG-11	Findings:	26. MG/L
Chemical:	SODIUM		
Sample Collected:	10-AUG-11	Findings:	1.4 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10-AUG-11	Findings:	50. MG/L
Chemical:	CHLORIDE		
Sample Collected:	10-AUG-11	Findings:	0.12 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	10-AUG-11	Findings:	140. UG/L
Chemical:	BARIUM		
Sample Collected:	10-AUG-11	Findings:	480. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10-AUG-11	Findings:	- 0.16
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	10-AUG-11	Findings:	25. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10-AUG-11	Findings:	11000. UG/L
Chemical:	CARBON DIOXIDE		
Sample Collected:	10-AUG-11	Findings:	7.4e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	10-AUG-11	Findings:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10-AUG-11	Findings:	5800. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	14-FEB-12	Findings:	28. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	15-AUG-12	Findings:	28. MG/L
Chemical:	NITRATE (AS NO3)		

A3
East **CA WELLS** **7754**
1/2 - 1 Mile
Lower

Water System Information:

Prime Station Code:	07S/01W-14B01 M	User ID:	HEN
FRDS Number:	4300808001	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	371946.0 1215610.0	Precision:	100 Feet (one Second)
Source Name:	WELL 01		

System Number: 4300808
System Name: O'Connor Hospital
Organization That Operates System:
2105 FOREST AVE
SAN JOSE, CA 95128
Pop Served: 2500 Connections: 1
Area Served: Not Reported

Sample Collected:	22-MAR-11	Findings:	9.4 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	25-AUG-11	Findings:	0.55 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	15-NOV-11	Findings:	690. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	15-NOV-11	Findings:	0.15 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	15-NOV-11	Findings:	17. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	19-JUL-12	Findings:	8.1 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	30-OCT-12	Findings:	0.17 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	30-OCT-12	Findings:	11. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	30-OCT-12	Findings:	2400. UG/L
Chemical:	NITRATE + NITRITE (AS N)		

A4
East
1/2 - 1 Mile
Lower

FED USGS **USGS40000182231**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-371944121561301		
Monloc name:	007S001W14B001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.3289444
Longitude:	-121.9370556	Sourcemap scale:	24000
Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	116
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	1932	Welldepth:	414
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

B5
South
1/2 - 1 Mile
Higher

CA WELLS **7700**

Water System Information:

Prime Station Code:	07S/01E-26B02 M	User ID:	HEN
FRDS Number:	4310020001	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	371900.0 1215700.0	Precision:	1 Mile (One Minute)
Source Name:	WELL 02 - LOUPE TUERS		
System Number:	4310020		
System Name:	City of San Jose - Evergreen/Edenvale		
Organization That Operates System:			
	3025 TUERS RD. SAN JOSE, CA 95121		
Pop Served:	70000	Connections:	15244
Area Served:	SAN JOSE EVERGREEN		
Sample Collected:	27-MAR-14	Findings:	. 800. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	27-MAR-14	Findings:	. 7.59
Chemical:	PH, LABORATORY		
Sample Collected:	27-MAR-14	Findings:	. 330. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	27-MAR-14	Findings:	. 400. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	27-MAR-14	Findings:	. 393. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	27-MAR-14	Findings:	. 62. MG/L
Chemical:	CALCIUM		
Sample Collected:	27-MAR-14	Findings:	. 58. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	27-MAR-14	Findings:	. 38. MG/L
Chemical:	SODIUM		
Sample Collected:	27-MAR-14	Findings:	. 1.1 MG/L
Chemical:	POTASSIUM		
Sample Collected:	27-MAR-14	Findings:	. 45. MG/L
Chemical:	CHLORIDE		
Sample Collected:	27-MAR-14	Findings:	. 0.11 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		

Sample Collected:	27-MAR-14	Findings:	. 150. UG/L
Chemical:	BARIUM		
Sample Collected:	27-MAR-14	Findings:	. 540. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	27-MAR-14	Findings:	. 14. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	27-MAR-14	Findings:	. 0.25 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	27-MAR-14	Findings:	. 12.3
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	27-MAR-14	Findings:	. 3200. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	27-MAR-14	Findings:	. 1.34 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	27-MAR-14	Findings:	. 2.23 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	09-SEP-14	Findings:	. 4.2 UG/L
Chemical:	CHROMIUM, HEXAVALENT		

B6
South **CA WELLS** **7699**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	07S/01E-26A01 M	User ID:	HEN
FRDS Number:	4310020002	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	371900.0 1215700.0	Precision:	1 Mile (One Minute)
Source Name:	WELL 03 - LOUPE TUERS		
System Number:	4310020		
System Name:	City of San Jose - Evergreen/Edenvale		
Organization That Operates System:			
	3025 TUERS RD. SAN JOSE, CA 95121		
Pop Served:	70000	Connections:	15244
Area Served:	SAN JOSE EVERGREEN		
Sample Collected:	27-MAR-14	Findings:	. 840. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	27-MAR-14	Findings:	. 7.66
Chemical:	PH, LABORATORY		
Sample Collected:	27-MAR-14	Findings:	. 340. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	27-MAR-14	Findings:	. 410. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	27-MAR-14	Findings:	. 422. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		

Sample Collected:	27-MAR-14	Findings:	. 56. MG/L
Chemical:	CALCIUM		
Sample Collected:	27-MAR-14	Findings:	. 68. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	27-MAR-14	Findings:	. 34. MG/L
Chemical:	SODIUM		
Sample Collected:	27-MAR-14	Findings:	. 53. MG/L
Chemical:	CHLORIDE		
Sample Collected:	27-MAR-14	Findings:	. 0.12 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	27-MAR-14	Findings:	. 160. UG/L
Chemical:	BARIUM		
Sample Collected:	27-MAR-14	Findings:	. 590. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	27-MAR-14	Findings:	. 13. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	27-MAR-14	Findings:	. 12.34
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	27-MAR-14	Findings:	. 3000. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	27-MAR-14	Findings:	. 1.81 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	27-MAR-14	Findings:	. 2.26 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	09-SEP-14	Findings:	. 7.1 UG/L
Chemical:	CHROMIUM, HEXAVALENT		

B7
South **CA WELLS** **7701**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	07S/01E-26B10 M	User ID:	HEN
FRDS Number:	4310020003	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	371900.0 1215700.0	Precision:	1 Mile (One Minute)
Source Name:	WELL 04 - LOUPE TUERS		
System Number:	4310020		
System Name:	City of San Jose - Evergreen/Edenvale		
Organization That Operates System:			
	3025 TUERS RD.		
	SAN JOSE, CA 95121		
Pop Served:	70000	Connections:	15244
Area Served:	SAN JOSE EVERGREEN		
Sample Collected:	27-MAR-14	Findings:	. 760. US
Chemical:	SPECIFIC CONDUCTANCE		

Sample Collected:	27-MAR-14	Findings:	. 7.89
Chemical:	PH, LABORATORY		
Sample Collected:	27-MAR-14	Findings:	. 320. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	27-MAR-14	Findings:	. 380. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	27-MAR-14	Findings:	. 388. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	27-MAR-14	Findings:	. 64. MG/L
Chemical:	CALCIUM		
Sample Collected:	27-MAR-14	Findings:	. 56. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	27-MAR-14	Findings:	. 37. MG/L
Chemical:	SODIUM		
Sample Collected:	27-MAR-14	Findings:	. 1.1 MG/L
Chemical:	POTASSIUM		
Sample Collected:	27-MAR-14	Findings:	. 45. MG/L
Chemical:	CHLORIDE		
Sample Collected:	27-MAR-14	Findings:	. 0.14 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	27-MAR-14	Findings:	. 160. UG/L
Chemical:	BARIUM		
Sample Collected:	27-MAR-14	Findings:	. 0.55 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	27-MAR-14	Findings:	. 530. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	27-MAR-14	Findings:	. 12. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	27-MAR-14	Findings:	. 12.59
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	27-MAR-14	Findings:	. 2600. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	27-MAR-14	Findings:	. 1.48 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	27-MAR-14	Findings:	. 2.18 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	25-JUN-14	Findings:	. 0.63 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	09-SEP-14	Findings:	. 3.9 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	09-SEP-14	Findings:	. 0.6 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		

B8
South
1/2 - 1 Mile
Higher

CA WELLS 7779

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	07S/01W-22F02 M	User ID:	HEN
FRDS Number:	4310011129	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	371900.0 1215700.0	Precision:	0.5 Mile (30 Seconds)
Source Name:	WILLIAMS WELL 06		
System Number:	4310011		
System Name:	San Jose Water Company		
Organization That Operates System:			
	1221 S. Bascom Avenue		
	San Jose, CA 95128		
Pop Served:	944000	Connections:	206890
Area Served:	SAN JOSE VICINITY		
Sample Collected:	16-AUG-11	Findings:	16. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	29-AUG-12	Findings:	14. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01-AUG-13	Findings:	570. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01-AUG-13	Findings:	7.12
Chemical:	PH, LABORATORY		
Sample Collected:	01-AUG-13	Findings:	160. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	01-AUG-13	Findings:	190. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01-AUG-13	Findings:	209. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	01-AUG-13	Findings:	49. MG/L
Chemical:	CALCIUM		
Sample Collected:	01-AUG-13	Findings:	21. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01-AUG-13	Findings:	19. MG/L
Chemical:	SODIUM		
Sample Collected:	01-AUG-13	Findings:	1.1 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01-AUG-13	Findings:	44. MG/L
Chemical:	CHLORIDE		
Sample Collected:	01-AUG-13	Findings:	0.16 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	01-AUG-13	Findings:	400. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01-AUG-13	Findings:	- 0.69
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	01-AUG-13	Findings:	13. MG/L
Chemical:	NITRATE (AS NO3)		

Sample Collected:	01-AUG-13	Findings:	30000. UG/L
Chemical:	CARBON DIOXIDE		
Sample Collected:	01-AUG-13	Findings:	11.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01-AUG-13	Findings:	3000. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	21-AUG-13	Findings:	. 1.6 UG/L
Chemical:	CHROMIUM, HEXAVALENT		

B9
South **CA WELLS** **7778**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	07S/01W-22F01 M	User ID:	HEN
FRDS Number:	4310011132	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	371900.0 1215700.0	Precision:	Undefined
Source Name:	WILLIAMS WELL 09		
System Number:	4310011		
System Name:	San Jose Water Company		
Organization That Operates System:			
	1221 S. Bascom Avenue		
	San Jose, CA 95128		
Pop Served:	944000	Connections:	206890
Area Served:	SAN JOSE VICINITY		
Sample Collected:	05-NOV-13	Findings:	16000. UG/L
Chemical:	CARBON DIOXIDE		
Sample Collected:	05-NOV-13	Findings:	0.39 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	05-NOV-13	Findings:	11.71
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	05-NOV-13	Findings:	2800. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	08-SEP-11	Findings:	16. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	18-SEP-12	Findings:	20. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-NOV-13	Findings:	490. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05-NOV-13	Findings:	7.39
Chemical:	PH, LABORATORY		
Sample Collected:	05-NOV-13	Findings:	170. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	05-NOV-13	Findings:	210. MG/L
Chemical:	BICARBONATE ALKALINITY		

Sample Collected:	05-NOV-13	Findings:	225. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	05-NOV-13	Findings:	49. MG/L
Chemical:	CALCIUM		
Sample Collected:	05-NOV-13	Findings:	25. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05-NOV-13	Findings:	20. MG/L
Chemical:	SODIUM		
Sample Collected:	05-NOV-13	Findings:	1.1 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05-NOV-13	Findings:	32. MG/L
Chemical:	CHLORIDE		
Sample Collected:	05-NOV-13	Findings:	320. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05-NOV-13	Findings:	- 0.34
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	05-NOV-13	Findings:	13. MG/L
Chemical:	NITRATE (AS NO3)		

C10
SSE **FED USGS** **USGS40000182141**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-371904121563604		
Monloc name:	007S001W14P004M		
Monloc type:	Well		
Monloc desc:	CONSTRUCTED BY MARK NEWHOUSE, USGS SAN DIEGO		
Huc code:	18050003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.31775
Longitude:	-121.9434444	Sourcemap scale:	24000
Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	141
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Confined multiple aquifer		
Construction date:	20020221	Welldepth:	360
Welldepth units:	ft	Wellholedepth:	1000
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2002-04-04	61.76		2002-04-03	85.30	

Map ID Direction Distance Elevation	Database	EDR ID Number
C11 **SSE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000182142**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-371904121563605		
Monloc name:	007S001W14N006M		
Monloc type:	Well		
Monloc desc:	CONSTUCTED BY MARK NEWHOUSE, USGS SAN DIEGO		
Huc code:	18050003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.31775
Longitude:	-121.9434444	Sourcemap scale:	24000
Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	141
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Confined multiple aquifer		
Construction date:	20020221	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	1000
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

C12 **SSE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000182138**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-371904121563601		
Monloc name:	007S001W14P001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18050003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.31775
Longitude:	-121.9434444	Sourcemap scale:	24000
Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	141
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		

Aquifer type:	Confined single aquifer		
Construction date:	20020221	Welldepth:	700
Welldepth units:	ft	Wellholedepth:	1000
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2002-04-01	92.91	

C13
SSE **FED USGS** **USGS40000182139**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-371904121563602		
Monloc name:	007S001W14P003M		
Monloc type:	Well		
Monloc desc:	CONSTRUCTED BY MARK NEWHOUSE, USGS SAN DIEGO		
Huc code:	18050003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.31775
Longitude:	-121.9434444	Sourcemap scale:	24000
Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	141
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Confined multiple aquifer		
Construction date:	20020221	Welldepth:	560
Welldepth units:	ft	Wellholedepth:	1000
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2002-04-01	92.02	

C14
SSE **FED USGS** **USGS40000182140**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-371904121563603		
Monloc name:	007S001W14P002M		
Monloc type:	Well		
Monloc desc:	CONSTRUCTED BY MARK NEWHOUSE, USGS, SAN DIEGO		
Huc code:	18050003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.31775
Longitude:	-121.9434444	Sourcemap scale:	24000

Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	141
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Confined multiple aquifer		
Construction date:	20020321	Welldepth:	440
Welldepth units:	ft	Wellholedepth:	1000
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2002-04-02	85.28	

C15
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADW50000028204**

Latitude :	37.31774		
Longitude :	121.94346		
Site code:	373177N1219435W002	Casgem sta:	07S01W14P002M
Local well:	07S01W14P002	Casgem s 1:	Observation
County id:	43		
Basin cd:	2-9.02	Basin desc:	Santa Clara
Org unit n:	North Central Region Office	Site id:	CADW50000028204

C16
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADW50000028203**

Latitude :	37.31774		
Longitude :	121.94346		
Site code:	373177N1219435W001	Casgem sta:	07S01W14P001M
Local well:	07S01W14P001	Casgem s 1:	Observation
County id:	43		
Basin cd:	2-9.02	Basin desc:	Santa Clara
Org unit n:	North Central Region Office	Site id:	CADW50000028203

C17
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADW50000028205**

Latitude :	37.31774		
Longitude :	121.94346		
Site code:	373177N1219435W003	Casgem sta:	07S01W14P003M
Local well:	07S01W14P003	Casgem s 1:	Observation
County id:	43		
Basin cd:	2-9.02	Basin desc:	Santa Clara
Org unit n:	North Central Region Office	Site id:	CADW50000028205

Map ID Direction Distance Elevation	Database	EDR ID Number
C18 **SSE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADW50000028207**

Latitude :	37.31774		
Longitude :	121.94346		
Site code:	373177N1219435W005	Casgem sta:	07S01W14P005M
Local well:	07S01W14P005	Casgem s 1:	Observation
County id:	43		
Basin cd:	2-9.02	Basin desc:	Santa Clara
Org unit n:	North Central Region Office	Site id:	CADW50000028207

C19 **SSE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADW50000028206**

Latitude :	37.31774		
Longitude :	121.94346		
Site code:	373177N1219435W004	Casgem sta:	07S01W14P004M
Local well:	07S01W14P004	Casgem s 1:	Observation
County id:	43		
Basin cd:	2-9.02	Basin desc:	Santa Clara
Org unit n:	North Central Region Office	Site id:	CADW50000028206

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20 **SSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**7767**

Water System Information:

Prime Station Code:	07S/01W-22E03 M	User ID:	HEN
FRDS Number:	4310011127	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	371900.0 1215730.0	Precision:	0.5 Mile (30 Seconds)
Source Name:	WILLIAMS WELL 04		
System Number:	4310011		
System Name:	San Jose Water Company		
Organization That Operates System:			
	1221 S. Bascom Avenue San Jose, CA 95128		
Pop Served:	944000	Connections:	206890
Area Served:	SAN JOSE VICINITY		
Sample Collected:	06-JUL-11	Findings:	630. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06-JUL-11	Findings:	7.6
Chemical:	PH, LABORATORY		

Sample Collected:	06-JUL-11	Findings:	220. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	06-JUL-11	Findings:	270. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06-JUL-11	Findings:	263. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	06-JUL-11	Findings:	65. MG/L
Chemical:	CALCIUM		
Sample Collected:	06-JUL-11	Findings:	25. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06-JUL-11	Findings:	20. MG/L
Chemical:	SODIUM		
Sample Collected:	06-JUL-11	Findings:	1.2 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06-JUL-11	Findings:	53. MG/L
Chemical:	CHLORIDE		
Sample Collected:	06-JUL-11	Findings:	0.14 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	06-JUL-11	Findings:	450. UG/L
Chemical:	IRON		
Sample Collected:	06-JUL-11	Findings:	120. UG/L
Chemical:	ALUMINUM		
Sample Collected:	06-JUL-11	Findings:	430. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06-JUL-11	Findings:	9.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	06-JUL-11	Findings:	23. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-JUL-11	Findings:	7000. UG/L
Chemical:	CARBON DIOXIDE		
Sample Collected:	06-JUL-11	Findings:	1.1 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	06-JUL-11	Findings:	12.16
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	06-JUL-11	Findings:	5200. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10-JUL-12	Findings:	660. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10-JUL-12	Findings:	7.04
Chemical:	PH, LABORATORY		
Sample Collected:	10-JUL-12	Findings:	210. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	10-JUL-12	Findings:	260. MG/L
Chemical:	BICARBONATE ALKALINITY		

Sample Collected:	10-JUL-12	Findings:	270. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	10-JUL-12	Findings:	67. MG/L
Chemical:	CALCIUM		
Sample Collected:	10-JUL-12	Findings:	25. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10-JUL-12	Findings:	21. MG/L
Chemical:	SODIUM		
Sample Collected:	10-JUL-12	Findings:	1.2 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10-JUL-12	Findings:	47. MG/L
Chemical:	CHLORIDE		
Sample Collected:	10-JUL-12	Findings:	230. UG/L
Chemical:	IRON		
Sample Collected:	10-JUL-12	Findings:	380. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10-JUL-12	Findings:	- 0.16
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	10-JUL-12	Findings:	21. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10-JUL-12	Findings:	40000. UG/L
Chemical:	CARBON DIOXIDE		
Sample Collected:	10-JUL-12	Findings:	1.4 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	10-JUL-12	Findings:	11.59
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10-JUL-12	Findings:	4800. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	18-SEP-12	Findings:	210. UG/L
Chemical:	IRON		
Sample Collected:	08-NOV-12	Findings:	200. UG/L
Chemical:	IRON		
Sample Collected:	08-FEB-13	Findings:	370. UG/L
Chemical:	IRON		
Sample Collected:	07-MAY-13	Findings:	300. UG/L
Chemical:	IRON		
Sample Collected:	09-JUL-13	Findings:	22. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-NOV-13	Findings:	1100. UG/L
Chemical:	IRON		
Sample Collected:	11-FEB-14	Findings:	120. UG/L
Chemical:	IRON		
Sample Collected:	01-MAY-14	Findings:	. 120. UG/L
Chemical:	IRON		

Sample Collected:	21-JUL-14	Findings:	. 21. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	16-SEP-14	Findings:	. 390. UG/L
Chemical:	IRON		

21
WNW
1/2 - 1 Mile
Lower

CA WELLS **6910**

Water System Information:

Prime Station Code:	06S/02W-35M01 M	User ID:	HEN
FRDS Number:	4310014006	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	372000.0 1215800.0	Precision:	1 Mile (One Minute)
Source Name:	LOSSE 01		
System Number:	4310014		
System Name:	City of Sunnyvale		
Organization That Operates System:			
	P.O. BOX 3707		
	SUNNYVALE, CA 94086		
Pop Served:	120000	Connections:	27673
Area Served:	SUNNYVALE CITY		
Sample Collected:	05-MAR-14	Findings:	. 580. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05-MAR-14	Findings:	. 8.1
Chemical:	PH, LABORATORY		
Sample Collected:	05-MAR-14	Findings:	. 230. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	05-MAR-14	Findings:	. 280. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05-MAR-14	Findings:	. 250. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	05-MAR-14	Findings:	. 71. MG/L
Chemical:	CALCIUM		
Sample Collected:	05-MAR-14	Findings:	. 17. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05-MAR-14	Findings:	. 27. MG/L
Chemical:	SODIUM		
Sample Collected:	05-MAR-14	Findings:	. 28. MG/L
Chemical:	CHLORIDE		
Sample Collected:	05-MAR-14	Findings:	. 0.13 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	05-MAR-14	Findings:	. 110. UG/L
Chemical:	BARIUM		
Sample Collected:	05-MAR-14	Findings:	. 84. UG/L
Chemical:	ALUMINUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05-MAR-14	Findings:	. 350. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05-MAR-14	Findings:	. 0.77
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	05-MAR-14	Findings:	. 13. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-MAR-14	Findings:	. 0.23 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	05-MAR-14	Findings:	. 13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	14-MAY-14	Findings:	. 0.191 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	14-MAY-14	Findings:	. 1.16 PCI/L
Chemical:	GROSS ALPHA MDA95		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95050	18	1

Federal EPA Radon Zone for SANTA CLARA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95050

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	5.200 pCi/L	50%	50%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix K

Krazan & ASSOCIATES, INC.

SITE DEVELOPMENT ENGINEERS

William H. Vick, Ph.D., REA

Environmental Project Manager

AREAS OF EXPERTISE

Phase I Environmental Site Assessments
Environmental Analytical Chemistry
Pollutant Fate and Effects
Site Characterization and Remediation
Physical Characterization of Construction Materials
Quality Assurance/Quality Control Programs

EDUCATION AND CERTIFICATIONS

Bachelor of Science in Molecular Biology
University of Texas - Dallas
Doctor of Philosophy in Environmental Sciences
University of Texas – Dallas
California Environmental Protection Agency
Department of Toxic Substances Control
Registered Environmental Assessor I No. 30165
Asbestos Building Inspector, Certification No. 3370
NICET Certified Construction Materials Testing
CalTrans Certified Construction Materials Testing

PROFESSIONAL AFFILIATIONS

Member, American Society for Testing Materials

RELEVANT PROFESSIONAL EXPERIENCE

2002 to Present

Senior Technical Staff, Krazan & Associates, Inc.
Environmental project manager responsible for design, conduct, and management of site investigations, including Phase I Environmental Site Assessments using state-of-the-art research methods, and surface and subsurface contaminant characterization. Additional responsibilities include direction and management of construction materials testing laboratory, including data review, compliance evaluation, and quality assurance/quality control programs.

1981 to 1987

Principal Investigator, Science Applications, Inc.
Responsible for the design, conduct, and management of environmental research programs for government clients. In this capacity, primary responsibilities included design of multidisciplinary research programs in response to environmental issues of national scope, technical and financial management, design and implementation of project-specific quality assurance/quality control programs, statistical data evaluation/interpretation and report preparation. Representative research programs include development of an analytical chemistry procedure for ultra trace-level analysis of dioxin, investigation of the chronic toxicity of crude

oil to selected marine species, an evaluation of physical encapsulation techniques for remediation of dioxin contaminated soils, and participation in the remedial investigation/feasibility study of the Stringfellow NPL Superfund hazardous waste site.

1979 to 1981

Graduate Research Assistant, University of Texas - Dallas
Responsible for the design and conduct of an EPA-funded research program to assess the effectiveness of activated carbon for removal of trace-level organic pollutants from industrial wastewater. Conducted on-site, pilot-scale technology evaluation, characterized pollutant breakthrough profiles, and evaluated system monitoring techniques. Responsible for QA/QC program and for all data analysis and interpretation.

1977 to 1979

Environmental Chemistry Analyst, Texas Instruments, Inc.
Responsible for analysis of environmental samples for trace-level organic contaminants using mass spectrometry and gas chromatography. As senior analyst on evening shift, responsible for review, interpretation, and management of all data generated.

Krazan & ASSOCIATES, INC.

SITE DEVELOPMENT ENGINEERS

Art Farkas, R.E.A.

Vice President
Environmental Division

AREAS OF EXPERTISE

Project Management and Oversight
Senior Quality Control Review
Staff Development
Information Management
Marketing, Public Relations and Publicity

EDUCATION AND ACCOMPLISHMENTS

California Environmental Protection Agency
Department of Toxic Substances Control
Registered Environmental Assessor I No. 07818
Bachelor of Electronic Engineering Technology,
University of Dayton, Ohio
CEQA Training: University of California Davis Extension
NEPA Training: U.S. Department of Housing and Urban
Development Region 9, San Francisco

PROFESSIONAL EXPERIENCE

February 1998 to Present

Vice President, Krazan & Associates, Inc., Environmental Division
CEQA and NEPA project management specialist. Project Manager and senior quality control reviewer for Phase I and Phase II Environmental Site Assessments. Activities include division oversight, business development, regional coordination of technical services and delivery of efficient integrated site development engineering services in conjunction with the Geotechnical and Construction Testing and Inspection Divisions of the firm

Dec. 1994 to Feb. 1998

Executive Director, Downtown Association of Fresno
Responsibilities included management of business association for Central Business District of Fresno; Director of the Fresno Main Street Program; project operations and promotions management; policy formation, budgeting; marketing, public relations; publicity, fundraising and public speaking; management of 18-member Board of Directors for non-profit organization.

Apr. 1974 to Dec. 1994

Operations Manager/Program Director/Air Personality: Radio Broadcasting

1974 - 1980 KFIG	1981 - 1991 KKDJ
1980 - 1981 KIOY	1991 - 1994 KTHT

Responsibilities included operations management of staff and systems; program direction; on-air performance; production' promotions' public affairs and marketing.

Krazan & ASSOCIATES, INC.

GEOTECHNICAL ENGINEERING • ENVIRONMENTAL ENGINEERING
CONSTRUCTION TESTING & INSPECTION

June 1, 2015 Project No. 034-15013

Ms. Royce Patch
USA Properties Fund, Inc.
3200 Douglas Boulevard, Suite 200
Roseville, California 95661

RE: Report of Findings
Phase II Limited Subsurface Assessment
Santana Atrium Senior Apartments
100 N. Winchester Boulevard
APN 303-16-073
Santa Clara, California 95050

Dear Ms. Patch:

Pursuant to your request, Krazan & Associates, Inc. (Krazan) conducted a Phase II Limited Subsurface Assessment (LSA) at the referenced property (see Vicinity Map, Figure 1). The scope of work was based upon information provided in Krazan's March 13, 2015 *Phase I Environmental Site Assessment (ESA)* prepared for the client and a client-directed scope of work contained in email correspondence dated April 9, 2015. The work was reportedly being conducted in conjunction with a real estate transaction and not by the request of a regulatory agency.

BACKGROUND

During the course of the referenced assessment, Krazan identified no evidence of recognized environmental conditions (RECs), controlled RECs (CRECs) or historical RECs (HRECs) in conjunction with the subject site as defined by ASTM E 1527-13. However, the following potential areas of concern (PAOCs) and ASTM non-scope issues were identified in connection with the subject site:

PAOCs

- According to records on file with the State of California Regional Water Quality Control Board (RWQCB), a 10,000-gallon underground storage tank (UST) utilized for the storage of paint thinner was removed from the Dunn Edwards Paints facility located adjacent to the east of the subject site across N. Winchester Boulevard in 1986 and a 110-gallon UST connected to a floor drain(s) located within the Dunn Edwards Paints facility was removed in November 1991. Paint thinner was detected in soil samples collected in association with the removal of the 110-gallon UST. Consequently, additional environmental investigation of the release was initiated in early-1992 which revealed that impacts to groundwater had also occurred. Site remediation included excavation of a minor amount of soil at the time of UST removal, and approximately 7,000 gallons of groundwater was removed from the perched water-bearing zone. However, this limited remediation does not appear to have significantly reduced the mass of paint thinner in the subsurface at this adjacent property, as floating free product was identified in hydraulically downgradient monitoring well MW-3 in February 1996 (the next-to-last floating free product assessment event). Groundwater monitoring conducted at this facility between 1992 and 1996

reportedly revealed that first groundwater is perched groundwater which is encountered at a depth of 21 to 32 feet below ground surface (bgs). The groundwater flow direction within the perched groundwater zone is reported to be toward the east to northeast. Given the reported location of the removed 10,000-gallon and 110-gallon USTs approximately 200 feet to the east of the subject site, the former leaking USTs were located hydraulically downgradient of the subject site. Significant concentrations of paint thinner reportedly remained at the time of the August 17, 1998 closure of this leaking UST (LUST) case, including a mass of paint thinner present as free product beneath the site. Within the boundaries of the Dunn Edwards Paints property, paint thinner was detected in soil samples at a maximum concentration of 22,000 milligram per kilogram (mg/kg), with the highest concentrations of paint thinner reportedly occurring in sandy material at depths between 25 and 32 feet bgs. Off site, paint thinner has been detected in soil samples collected from borings located up to 150 feet from the former UST area at depths up to 46 feet bgs and at a maximum concentration of 280 mg/kg. In addition to the presence of 0.61 feet of free product at a downgradient on-site well, impacted groundwater was detected at an off-site location at a concentration of 1,800 micrograms per liter (µg/l). Although this LUST site was granted closure by the oversight regulatory agencies in mid-1998, a "Notice of Environmental Restriction and Covent" was recorded in Santa Clara County on March 5, 1998 which indicates that pockets of free product are present in perched groundwater beneath this property, requires regulatory agencies to be informed prior to disturbance of any area containing free product and requires prospective purchasers of the property to be informed of the environmental conditions related to the paint thinner release.

Given the volatility of the petroleum hydrocarbon constituents (PHCs) comprising paint thinner and the reported proximity of pockets of free product paint thinner associated with perched groundwater and sandy soil, the potential exists for subsurface migration of paint thinner constituent vapors. Furthermore, PHC vapors such as those comprising paint thinner are capable of migrating great distances omni-directionally along preferential pathways represented by subsurface conduits such as pipelines, utility lines, sewer and stormwater lines, and building foundations. Therefore, although the subject site is located hydraulically upgradient of the Dunn Edwards Paints LUST site such that impacted groundwater may not have migrated beneath the subject site, given the reported subsurface presence of lenses of effectively pure paint thinner located in porous sandy soils approximately 200 feet from the subject site, coupled with the potential presence of extensive preferential pathways in this highly developed area of Santa Clara, the potential exists for omni-directional subsurface migration of paint thinner constituent vapors. Consequently, the presence or absence of PHC vapor encroachment onto the subject site subsurface related to the documented nearby vicinity release of significant concentrations of paint thinner, which may represent the potential for vapor intrusion into the on-site structure, is unknown.

If a higher level of due diligence is desired, Krazan recommends that a Phase II Limited Subsurface Assessment comprised of a soil vapor survey be conducted on the subject site to assess the presence or absence of encroachment of significant concentrations of paint thinner-derived constituents of concern related to the eastern Dunn Edwards Paints release site.

- According to records on file with the City of Santa Clara Fire Department (CSCFD), leaks in the former fuel storage and delivery system resulted in petroleum hydrocarbon impacts to subsurface soil, groundwater and soil gas at the former Mobil service station previously located approximately 225 feet to the north of the eastern portion of the subject site. Environmental investigation of the petroleum hydrocarbon release at this facility was initiated in 1989, following the removal of three fuel USTs and one waste oil UST. Analysis of soil samples collected from the base of the fuel UST excavation revealed gasoline-range total petroleum hydrocarbon (TPH-g) concentrations as high as 11,000 mg/kg, and analysis of soil samples

collected from seven borings advanced in 1990 revealed TPH-g and benzene impacts to a depth of at least 25 feet bgs. However, analysis of soil samples collected from beneath the waste oil UST did not reveal a detectable impact.

Records on file with the CSCFD for this closed LUST site are incomplete; however, adequate information is included to determine that at least six groundwater monitoring wells were installed in the early-1990s and that these wells were monitored for over one year. While no groundwater monitoring reports were included in the CSCFD file provided for Krazan's review, data obtained from several LUST sites located proximate to this property indicate that perched groundwater occurs at 21 to 32 feet bgs and that the groundwater flow direction in the vicinity of this property is toward the north to northeast, thereby placing this property hydraulically downgradient of the subject site.

Data available via the CSCFD file is largely derived from information contained in regulatory agency correspondence, and this data indicates that groundwater from monitoring well MW-2 contained a maximum TPH-g concentration of 410 µg/l and a maximum benzene concentration of 4.2 µg/l in mid-1991. Additionally, February 1992 regulatory agency correspondence indicates that: 1) "High concentrations of volatile hydrocarbons were detected in soil gas samples collected near both dispenser islands during the soil gas survey performed by Target Environmental services in January 1990." 2) "Contamination was also detected in soil borings B-1 and B-2, which were drilled near the former dispenser islands, at depths of up to 49 bgs," and 3) "high concentrations" of chlorinated hydrocarbons were detected in soil samples collected from below the former clarifier located at the former station building. The southern-most former dispenser island, the former service station building and the former waste oil UST were all located approximately 215 to 235 feet to the north of the subject site. The CSCFD file provided for Krazan's review did not include any data pursuant to the above-referenced 1992 correspondence, although the file did include a case-closure letter dated April 20, 1998.

While the environmental record available via the CSCFD is incomplete and thus somewhat difficult to interpret, given that: 1) the planned redevelopment of the subject site is for residential use, 2) reportedly significant impacts to soil and/or soil gas occurred in association with a clarifier and fuel dispensers located approximately 225 feet to the north of the subject site, and 3) gasoline-derived volatile constituents of concern and parts-cleaning solvent vapors are capable of migrating great distances omni-directionally along preferential pathways in urban areas as described above, the potential exists for omni-directional subsurface migration of gasoline-derived volatile constituents and parts-cleaning solvent constituent vapors. Consequently, the presence or absence of vapor encroachment onto the subject site subsurface related to the documented nearby Mobile service station vicinity release of volatile constituents of concern, which may represent the potential for vapor intrusion into the on-site structure, is unknown.

Krazan recommends that the Phase II Limited Subsurface Assessment soil vapor survey to be conducted on the subject site be expanded to assess the presence or absence of encroachment of significant concentrations of gasoline service station derived constituents of concern related to the northern Mobile service station release site.

- During Krazan's March 9, 2015 site reconnaissance, two elevators and an associated elevator equipment room were observed within the central portion of the on-site building. According to Mr. Nick Reggiardo with Schindler, the service contractor for the on-site elevators, the on-site elevators are subsurface hydraulic ram-type elevators in which a hydraulic ram (or jack) is located below ground. The elevator equipment room is located approximately 20 feet to the west of the western-most elevator and approximately 150 feet to the west of the eastern-most elevator. Pressurized hydraulic fluid appears to be transferred from the equipment room to the

elevator rams via subsurface piping, and Mr. Reggiardo confirmed this configuration. Mr. Reggiardo stated that Schindler has been servicing the on-site elevators since 1998 and his records indicate that the elevator controller was installed in 1989. However, Mr. Reggiardo indicated that the 1989 controller installation date does not mean that the elevators were installed in 1989, nor did he have definitive knowledge of the design of the subsurface ram components. Additionally, Mr. Reggiardo stated that, to the best of his knowledge, the on-site elevators have not failed a 5-year load test or required significant repair since Schindler began servicing the elevators in 1998. However, Mr. Reggiardo's knowledge is limited to the past 17 years and the on-site elevators were potentially installed in conjunction with the original construction of the on-site building in approximately 1968.

Mr. Reggiardo stated that he did not know exactly when the last 5-year load testing was performed on the on-site elevators. However, according to a representative of the California Department of Industrial Relations, Division of Occupational Safety & Health (DOSH) contacted by Krazan on March 10, 2015, the on-site elevators were permitted for operation through November 12, 2014 and, therefore, do not currently have valid permits for operation and are consequently out of compliance with regulatory requirements. The DOSH representative further stated that both on-site elevators last passed 5-year load testing in May 2009, and are both thus currently out of regulatory compliance relative to 5-year load testing requirements.

Although the integrity of the hydraulic system is reported to have been sound since at least 1998, the elevators have potentially been located on site for 30 years prior to 1998 and the elevators have not passed load testing since 2009. Consequently, the integrity of the hydraulic systems associated with the two on-site elevators prior to 1998 and since 2009 is unknown. Krazan's experience with subsurface hydraulic rams/jacks indicates that releases of hydraulic fluid may commonly occur due to worn ram seals; however, the release is often localized to the area of the release source due to the low mobility of hydraulic fluid in soil. However, given the potential 45+ year age of the on-site elevators, the potential inclusion of polychlorinated biphenyl (PCB)-containing oils in hydraulic fluids manufactured prior to 1974, the absence of current hydraulic system pressure testing, and the reported regulatory non-compliance of both on-site elevators, the potential for an environmental impact is enhanced and this scenario represents a potential area of concern. Consequently the condition of the subsurface of the subject site relative to a potential impact from the on-site elevators is unknown.

Krazan recommends that the hydraulic system pressure testing be conducted to assess the integrity of the hydraulic system/subsurface jacks. Additionally, any other testing required in association with the permitting process should be conducted and the on-site elevators should be brought into compliance with all applicable state regulations. If a higher level of due diligence is desired, Krazan recommends that a limited soil assessment be conducted proximate to the elevator equipment room, subsurface hydraulic fluid piping, and elevator rams to assess the presence or absence of significant concentrations of constituents of concern, including hydraulic fluid and PCBs.

PHASE II LIMITED SITE ASSESSMENT

Purpose

Based upon the presence of PAOCs, the purpose of this Phase II LSA was to assess the following areas of concern (AOCs):

- The potential for vapor encroachment onto the subject site subsurface based upon reported subsurface impacts from volatile constituents at the eastern Dunn Edwards Paints property and the northern former Mobile service station facility.

- The potential for impacts to groundwater beneath the subject site related to unknown hydraulic system integrity and current system noncompliance of the two on-site elevators and related shared equipment room.

- Krazan understands that the client wants to defer Phase II LSA work including the possible collection of soil samples in the area of the elevator shaft and elevator equipment room. The client has stated that if evidence of an elevator hydraulic leak is discovered during demolition/removal of the elevator and hydraulic fluid distribution system, a Phase II LSA will be conducted in those areas at that time.

General Methodology:

- Krazan prepared a site-specific health and safety plan.
- A geophysical subcontractor was contracted to clear the proposed soil boring locations of underground utilities.
- The proposed soil boring locations were pre-marked with white paint and USA North was notified at least two (2) days in advance of fieldwork.
- Drilling for soil and grab groundwater sampling was performed using a solid stem auger (SSA) drill rig.
- Drilling to install soil vapor points was conducted using an AMS®-type hand-driven sampler and soil vapor samples were collected.
- Soil samples were collected in laboratory-grade containers, labeled and identified on a chain of custody form, and were immediately placed in a chilled ice chest.
- Soil vapor samples were collected in laboratory-provided one (1)-liter Summa Canister.
- Soil and soil vapor samples were transferred to SunStar Laboratories, Inc. of Lake Forest, California, a State-certified analytical laboratory, under chain of custody protocol for analysis.
- Borings were backfilled with soil cuttings to match the existing surface.

PHASE II LSA SCOPE OF WORK

Pursuant to the Phase II LSA Change Order No. 1/Cost Estimate dated April 10, 2015 prepared by Krazan, which was approved by the client and authorized by agreement dated April 10, 2015, the following scope of work was conducted on April 29 and 30, 2015 (Refer to Site Map Figure 2 for referenced locations).

Geophysical Survey

- On April 29, 2015, a limited geophysical survey (LGS) was conducted by Professional Utility Locating Services, LLC (PULS) of Kingsburg, California. The LGS was conducted to clear the soil boring locations of underground utilities utilizing ground penetrating radar and electromagnetic equipment.

Soil Borings/Soil and Grab Groundwater Sampling

- On April 29, 2015, Krazan completed soil borings B1 and B2 to a depth of 36 feet bgs. Soil samples were collected at five (5) foot intervals beginning at five (5) feet bgs to the total depth of the boring. Since groundwater was not encountered at the expected target depth of 36 feet bgs in borings B1 and B2, a grab groundwater sample was not collected and a soil sample that was to be collected at the capillary fringe was not submitted for analyses.

Soil Vapor Sampling

- On April 29, 2015, soil vapor borings SV-1 through SV-8 were advanced to a depth of approximately five (5) feet bgs at the locations shown on Figure 2.
- The soil vapor borings were drilled using solid rods. The solid rods were then extracted and a stainless steel disposable vapor point attached to 1/4-inch outside-diameter Nylaflow tubing was placed in the hole using hollow tubing driven into the hole. Each soil vapor probe was allowed to equilibrate for approximately 45 minutes before purging and sampling.
- Prior to sampling, the stagnant air was removed from the soil vapor probe system at a rate of approximately five (5) cubic centimeters per foot of 1/4-inch outside diameter-tubing. The purge volume was estimated based on a summation of the internal volume of the tubing and the annular space within the probe. Approximately three (3) purge volumes were removed from the probe system at an approximate rate of 200 milliliters per minute (ml/min).
- Subsequent to purging, a soil vapor sample was collected from each soil vapor probe using laboratory-prepared 1-liter Summa canisters. The Summa canisters were fitted with laboratory regulators calibrated not to exceed a sample rate of 150 ml/min. The Summa fittings and sample tubing were provided by the laboratory for sampling purposes.
- Leak detection procedures were conducted during the vapor sampling using isopropyl alcohol around Summa fittings and at the surface of the vapor probes.
- After sampling, the Summa canisters were properly sealed, labeled, and transported to the appropriate laboratory for the analysis of VOCs by EPA Method TO-15.

APPLICABLE REGULATORY AGENCY REFERENCES

Krazan's evaluation of the results and findings associated with the sampling included referencing the November 2007 (Revised December 2013) San Francisco Regional Water Quality Control Board's (SFRWQCB) environmental screening levels (ESLs) referenced in the technical document titled, *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater*.

According to the RWQCB's 2007 document, ESLs are considered to be conservative. Under most circumstances and within limits described by the RWQCB, the presence of a chemical in soil, soil-vapor, or groundwater at concentrations below the corresponding ESL can be assumed not to pose a significant, long-term (chronic) threat to human health and the environment. Additional evaluation will generally be necessary at sites where a chemical is present at concentrations above the corresponding ESL. Active remediation may or may not be required, however, depending on site-specific conditions and considerations. As stated by the RWQCB, the ESL document may be especially beneficial for use at sites with limited impacts, where the preparation of a formal environmental assessment may not be warranted or feasible due to time and cost constraints. It should be noted, ESLs are intended for use only at sites overseen by the RWQCB.

For the purposes of evaluating specific constituents of concern (COCs), Krazan also referred to the revised September 2010 technical documents prepared by the California Environmental Protection Agency (Cal/EPA) titled *Use of California Human Health Screening Levels in Evaluation of Contaminated Properties*. The California Human Health Screening Levels (CHHSLs) are concentrations of 54 hazardous chemicals in soil, shallow soil gas, and indoor air that the Cal/EPA considers to be below thresholds of concern for risks to human health. The CHHSLs were developed by the Office of Environmental Health Hazard Assessment (OEHHA) on behalf of Cal/EPA, and are contained in a Cal/EPA report titled *Human-Exposure-Based Screening Numbers Developed to Aid Estimation of Cleanup Costs for Contaminated Soil*. The thresholds of concern used to develop the CHHSLs are an excess lifetime cancer risk of one-in-a-million (10^{-6}) and a hazard quotient of 1.0 for non-cancer health effects. The CHHSLs were developed using standard exposure assumptions and chemical toxicity values published by the U.S. EPA and Cal/EPA. CHHSLs can be used to screen sites for potential human health concerns where releases of hazardous chemicals to soils have occurred. Under most circumstances, and within the limitations described in the September 2010 document, the presence of a chemical in soil, shallow soil vapor, and/or indoor air at concentrations below the corresponding CHHSLs can be assumed to not pose a significant health risk to people who may live (Residential CHHSLs) or work (Commercial/Industrial CHHSLs) at the site. It should be noted, CHHSLs are not regulatory "cleanup standards" and regulatory agencies cannot be compelled to use the CHHSLs as final cleanup standards for a contaminated property.

REPORT OF FINDINGS

General Findings

- The soil types consisted of interbedded silty clay, clayey silty sand, sandy silt, clayey sand, and gravelly sand. The soil boring logs are provided in Appendix A.
- Groundwater was not encountered to the total depth of the borings.

Geophysical Survey

- The soil boring locations were "cleared" of underground utilities.

Soil Vapor Results

- The laboratory results for soil vapor sample SV-1 through SV-8 reported the following VOCs above the various Reporting Limits (RLs): acetone, benzene, chloroform, cyclohexane, heptane, hexane, IPA, 4-ethyltoluene, ethylbenzene, 2-butanone (MEK), tetrahydrofuran, tetrachloroethene, trichloroethene, 1,3,5-trimethylbenzene, 1,2,4-trimehtylbenzne, toluene, , m,p-xylenes, and o-xylene (see Table I). The reported concentrations of the following compounds exceeded either the Residential CHHSLs or Residential ESLs, where established, or both:
    - Benzene exceeded both the CHHSL and ESL values in SV-2 and SV-3;
    - Tetrachloroethene (PCE) exceeded the CHHSL value in SV-3 and exceeded both the CHHSL and ESL values in SV-5, SV-6, SV-7, and SV-8; and
    - Trichloroethene (TCE) exceeded the ESL value in SV-6, SV-7 and SV-8 and both the CHHSL and ESL values in SV-5.
- The low concentration of the leak detection compound IPA is not expected to have adversely impacted the sampling results as the method detection limits for the remaining VOCs detected were below the ESLs and CHHSLs.

- The laboratory report is provided in Appendix B.

CONCLUSIONS AND RECOMMENDATIONS

This Phase II LSA has revealed evidence that a vapor encroachment condition (VEC) appears to exist on the subject site. The elevated concentrations of benzene, PCE and TCE may be the result of the paint thinner release from the former Dunn Edwards facility or from the former Mobil station or both.

Consequently, it appears that a risk assessment utilizing the subject-site-specific data generated in the course of this Phase II LSA is warranted to ascertain the presence or absence of potential health threats from on-site soil vapor concentrations and to form a reliable opinion as to whether or not installation of a vapor barrier as part of the design of future on-site structures is warranted. Since it appears that the only exposure pathway at the subject site is indoor air inhalation, Krazan recommends that a Vapor Intrusion Risk Evaluation (VIRE) be conducted.

As previously discussed, if evidence of an elevator hydraulic leak is discovered during demolition/removal of the elevator and hydraulic fluid distribution system, a Phase II LSA will be conducted in those areas at that time.

LIMITATIONS

This Phase II LSA conducted at the subject site was not intended to characterize or define the extent of possible impact beneath the site; rather, this work was conducted to assess the presence or absence of COCs. The findings of this report were based upon the results of our field and laboratory investigations, along with the interpretation of subsurface conditions associated with our samples and borings. Therefore, the data are accurate only to the degree implied by review of the data obtained and by professional interpretation.

The exploratory soil and soil vapor samples and borings were located in the field by review of available maps and by tape measurement from existing landmarks. Therefore, the location of the samples and borings should be considered accurate only to the degree implied by the methods used to locate them. Chemical testing was one by laboratories certified by the State of California. The results of the chemical testing are accurate only to the degree of care of ensuring the testing accuracy and the representative nature of the soil samples obtained.

This subsurface investigation of the subject site has been limited in scope. This type of assessment is undertaken with the calculated risk that the presence, full nature, and extent of contamination would not be revealed by methods employed. Although the work was conducted in accordance with industry standards and employing a professional standard of care, no warranty is given, either expressed or implied, that hazardous material contamination or buried structures, which would not have been disclosed through this investigation, do not exist at the subject site. Therefore, the data obtained are clear and accurate only to the degree implied by the sources and methods used.

The limited geophysical survey equipment is considered a state-of-the-art technology that is effective within certain limitations for the investigation of buried features such as septic tanks, fuel bunkers, USTs, and/or piping in areas accessible at the time of the investigation. In uncommon or atypical cases where bunkers or tanks are buried at depths greater than two feet below ground surface and/or which may be covered by layers of pavement cumulatively in excess of two to four inches in thickness, rock, gravel or aggregate layers, dense (clayey) soils, or other surface or subsurface metallic objects (such as motor vehicles, fencing, piping, conduit or rebar) that can interfere with the electrical transmission/reception of

the equipment, the equipment's technical capabilities can be exceeded to a degree where the presence of a UST or other metallic feature could not be detected. No guarantee is made or implied that the geophysical survey will detect suspected metallic features under uncommon or atypical circumstances as described above, or that the discovery of underground piping or conduit commonly found underlying commercial properties in and of itself is evidence of the presence of USTs. It should be understood that the location of subsurface objects and utilities is dependent upon the recognition of physical phenomena at the ground surface. These phenomena can be magnetic fields or electromagnetic waves that give rise to a surface expression which in turn is interpreted as representative of subsurface objects. These waves, however, may be attenuated and/or distorted by a number of factors including soil moisture, corrosion, and proximity to other surface and subsurface facilities. The findings presented herewith are based on professional interpretation using state of the art methods and equipment and a degree of conservatism deemed proper as of this report date. It is not warranted that such data cannot be superseded by future geotechnical, environmental, or technical developments.

The findings presented herewith are based on professional interpretation using state of the art methods and equipment and a degree of conservatism deemed proper as of this report date. It is not warranted that such data cannot be superseded by future geotechnical, environmental, or technical developments.

This assessment and report were authorized by and prepared for the exclusive use of our client. Unauthorized use of or reliance on the information contained in this report without the expressed written consent of Krazan & Associates, Inc. is strictly prohibited.

CLOSING

We appreciate the opportunity to be of service to USA Properties Fund, Inc. If you have any questions, or if we can be of further assistance, please feel free to contact me at (559) 348-2200.

PROFESSIONAL GEOLOGIST
MICHAEL H. BOWERY
Exp. 5/31/16
No.5027
STATE OF CALIFORNIA

Respectfully Submitted,
KRAZAN & ASSOCIATES, INC.

Michael H. Bowery, PG 5027
Senior Manager

Arthur C. Farkas, REA 07818
Environmental Division

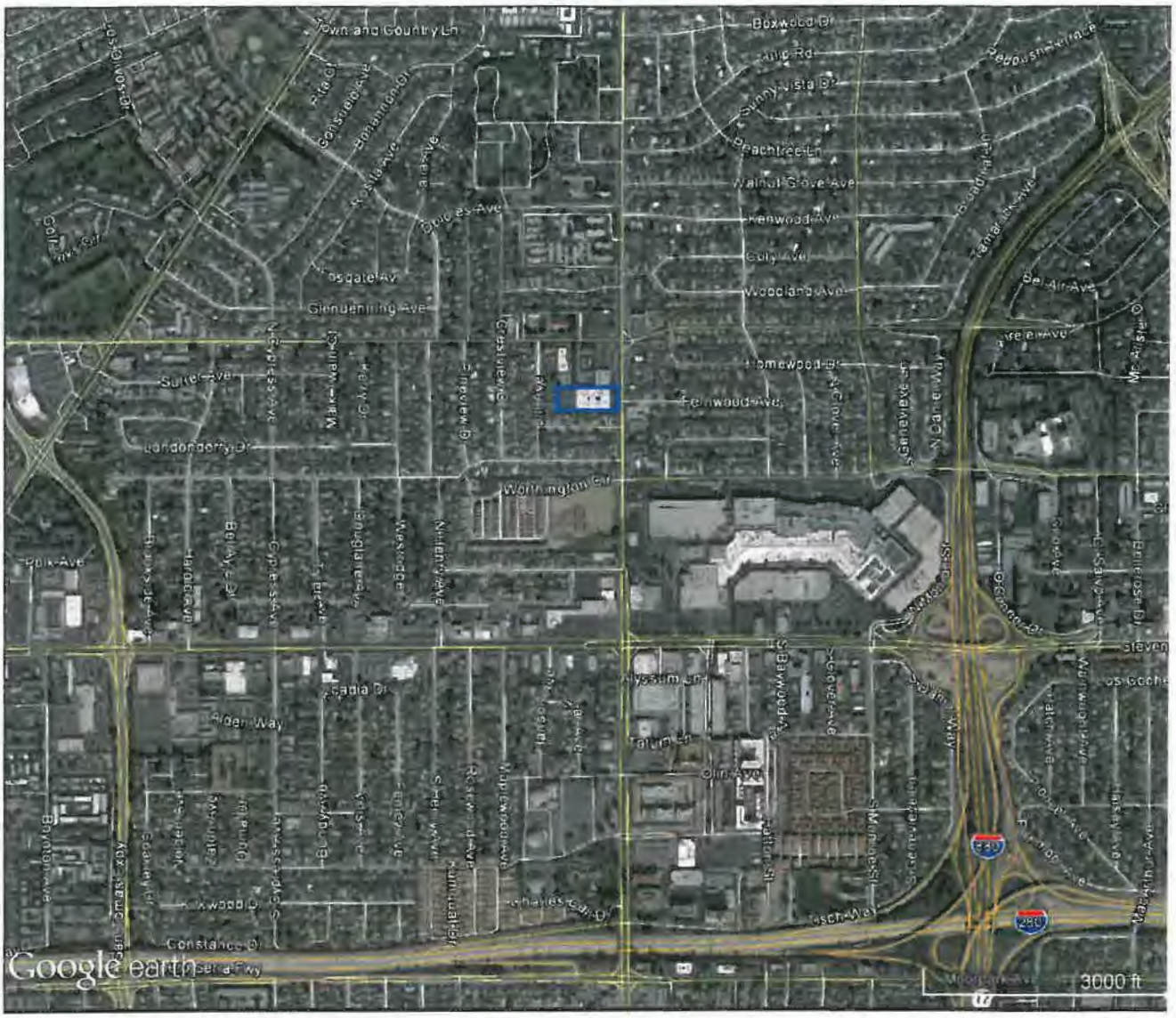
MHB/ACF/apl

Attachments:
Figure 1 – Vicinity Map
Figure 2 – Site Map
Appendix A – Soil Boring Logs
Appendix B – Laboratory Data

TABLE I
Santana Atrium
Santa Clara, California
April 30, 2015 Soil Vapor Sampling Results – VOCs
(Concentrations are expressed in micrograms per meter cubed [µg/m3])

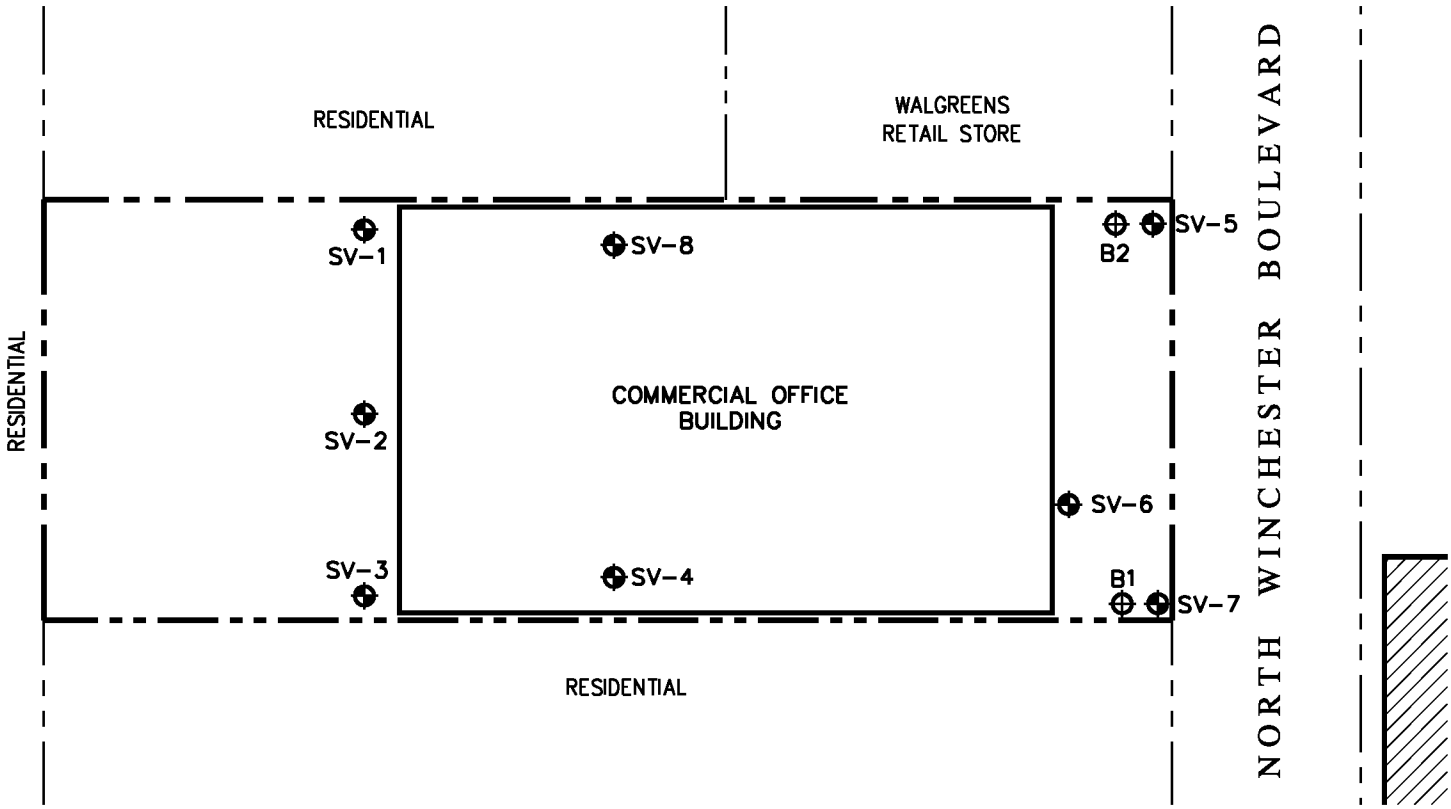
Boring No./Sample ID	**SV-1**	**SV-2**	**SV-3**	**SV-4**	**SV-5**	**SV-6**	**SV-7**	**SV-8**	**CHHSLs[1]**	**ESLs[2]**
Compound										
Acetone	48	97	59	68	110	49	47	47	NE	1.6×10^7
Benzene	23	**39**	**47**	19	20	4.4	6.2	6.9	36.2	42
Chloroform	<5.0	<5.0	7.0	<5.0	<5.0	<5.0	<5.0	<5.0	NE	230
Cyclohexane	<3.5	29	29	13	21	<3.5	8.9	9.3	NE	NE
Heptane	24	37	25	15	19	6.9	8.0	5.8	NE	NE
Hexane	16	27	25	38	59	58	15	6.2	NE	NE
4-Ethyltoluene	<5.0	<5.0	<5.0	<5.0	<5.0	11	<5.0	<5.0	NE	NE
Ethylbenzene	<4.4	<4.4	49	4.9	4.6	35	<4.4	<4.4	1,100	490
Isopropyl alcohol	39	<13	<13	<13	46	35	30	30	NE	NE
2-Butanone (MEK)	17	46	14	21	44	18	<15	17	NE	2.6×10^6
Tetrahydrofuran	<3.0	13	4.3	7.8	13	7.0	6.6	4.9	NE	NE
Tetrachloroethene	<6.9	8.8	**200**	97	**270**	**380**	**300**	**240**	180	210
Toluene	23	35	82	21	21	9.1	9.5	7.3	1.35×10^5	1.6×10^5
Trichloroethene	84	81	280	200	**790**	**410**	**370**	**310**	528	300
1,3,5-Trimethylbenzene	<5.0	<5.6	100	7.6	7.3	46	5.7	<5.0	NE	NE
1,2,4-Trimethylbenzene	7.5	<5.6	170	11	13	56	10	6.4	NE	NE
M,p-Xylene	12	12	170	16	15	47	12	<8.8	<8.8	5.2×10^4
o-Xylene	<4.4	<4.4	55	5.5	6.4	37	<4.4	<4.4	<4.4	5.2×10^4

Only those VOCs detected are shown
NE = Not Established
ND = Not Detected above Reporting Limit
1: CHHSLs – Residential California Human Health Screening Levels for Indoor Air and Soil Gas (Cal EPA – September 2010 – Direct Exposure).
2: ESLs – Residential Shallow Soil Gas Screening Levels (California Regional Water Quality Control Board, San Francisco Bay Region – Revised December 2013, Table E-2)



= SUBJECT SITE BOUNDARY

VICINITY MAP	Scale: NTS	Date: June 2015	Krazan
SANTANA ATRIUM SENIOR APARTMENTS 100 N. WINCHESTER BOULEVARD SANTA CLARA, CALIFORNIA 95050	Drawn By: BV	Approved by: MB	SITE DEVELOPMENT ENGINEERS *With Offices Serving the Western U. S.*
	Project No. 034-15013	Figure No. 1	



SCALE IN FEET (±)
*ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE

EXPLANATION

- SUBJECT SITE BOUNDARY
- STREET RIGHT-OF-WAY
- EXISTING BUILDING FOOTPRINT
- SOIL BORING LOCATION WITH BORING NUMBER AS NOTED
- SOIL VAPOR SAMPLING LOCATION WITH SAMPLE NUMBER AS NOTED
- FORMER DUNN-EDWARDS PAINT STORE (CLOSED LUST SITE)

SITE MAP	Scale: AS SHOWN	Date: MAY 2015	Krazan SITE DEVELOPMENT ENGINEERS
SANTANA ATRIUM SENIOR APARTMENTS 100 NORTH WINCHESTER BOULEVARD SANTA CLARA, CALIFORNIA 95060	Drawn by: C. H.	Approved by: M. B.	Offices Serving the Western United States
	Project No. 034-15013	Figure No. 2	

Appendix A

BORING AND WELL LOG LEGEND

LITHOLOGY	WATER LEVEL	WELL/BORING COMPLETION	COLLECT: Sample Type	COLLECT: Date & Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample
							ASPHALT		
							CONCRETE		
							FILL		
							Well-graded GRAVEL (GW)		
							Poorly graded GRAVEL (GP)		
							Silty GRAVEL (GM)		
							Clayey GRAVEL (GC)		
							Well-graded SAND (SW)		
							Poorly graded SAND (SP)		
							Silty SAND (SM)		
							Clayey SAND (SC)		
							SILT (ML)		
							Lean CLAY (CL)		
							Organic SOIL (OL)		
							Organic SOIL (OH)		
							Elastic SILT (MH)		
							Fat CLAY (CH)		
							PEAT (PT)		
							BEDROCK		
							Volume Descriptors: Trace = <5% Few = 5-10% Little = 15-25% Some = 30-45% Mostly = >=50%		
	▽						Water Level During Drilling		
	▼						Water Level at End of Drilling/in Completed Well		
							Cap		
							Riser		
							Screen		
							Cement		
							Bentonite Grout		
							Bentonite Seal		
							Filter Pack		
							Backfill		
			GR				Grab		
			EN				Encore		
			SS				Split Spoon		
			SH				Shelby Tube		
			CO				Core Barrel		
			DP				Direct Push		
							Lab Sample and ID		

NOTES:

Krazan	Client: USA Properties Fund, Inc. Project: 034-15013 Address: 100 N. Winchester, Santa Clara, CA	**BORING LOG** Boring No. B1 Page: 1 of 2

Hole Clear. Date:	**4/29/2015**	Boring Depth (ft):	**36**
Hole Clear. Company:	**PULS Geophysical, Inc.**	Boring Diameter (in):	**4.75**
Hole Clear. Method:	**GPR/Electromagnetic**	Sampling Method(s):	**SPT Sampler**
Drilling Start Date:	**4/29/2015**	Logged By:	**WA**
Drilling End Date:	**4/29/2015**	Boring Location (X):	
Drilling Company:	**Krazan & Associates, Inc.**	Boring Location (Y):	
Drilling Method:	**Solid Stem Auger**	Ground Surface Elev.:	

DEPTH (ft.)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Date & Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft.)
0								ASPHALTIC CONCRETE.			0
								BASE.			
								(10") Silty CLAY (CL); damp, dark brown. (FILL)			
								(2.25') Silty CLAY/Clayey SILT (CL/ML); very stiff, damp, brown.			
5				SS	11:06	8 8 11					5
10				SS	11:12	4 6 8					10
								(13') Sandy SILT/Silty SAND (ML/SM); fine sand, medium dense, damp, brown.			
15				SS	11:19	4 5 7					15
								(18.5') Clayey SAND (SC); fine grained, medium dense, moist, brown.			
20											20

NOTES:

Krazan	Client: USA Properties Fund, Inc. Project: 034-15013 Address: 100 N. Winchester, Santa Clara, CA	**BORING LOG** Boring No. B1 Page: 2 of 2

Hole Clear. Date:	**4/29/2015**	Boring Depth (ft):	**36**
Hole Clear. Company:	**PULS Geophysical, Inc.**	Boring Diameter (in):	**4.75**
Hole Clear. Method:	**GPR/Electromagnetic**	Sampling Method(s):	**SPT Sampler**
Drilling Start Date:	**4/29/2015**	Logged By:	**WA**
Drilling End Date:	**4/29/2015**	Boring Location (X):	
Drilling Company:	**Krazan & Associates, Inc.**	Boring Location (Y):	
Drilling Method:	**Solid Stem Auger**	Ground Surface Elev.:	

DEPTH (ft.)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Date & Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft.)
20				SS	11:29	4 5 7					20
								With thin lenses of Silty SAND with trace gravel below 24' bgs.			
25				SS	11:39	5 4 4					25
								(28.25') Clayey SAND (SC); fine grained, medium dense, moist, brown.			
30				SS	11:51	5 6 8					30
								(33') Silty SAND (SM); with trace fine gravel, fine to coarse grained, very dense, damp, light brown.			
35				SS	12:06	13 20 36					35
40											40

NOTES:

Krazan	Client: USA Properties Fund, Inc. Project: 034-15013 Address: 100 N. Winchester, Santa Clara, CA	**BORING LOG** Boring No. B2 Page: 1 of 2

Hole Clear. Date:	**4/29/2015**	Boring Depth (ft):	**36**
Hole Clear. Company:	**PULS Geophysical, Inc.**	Boring Diameter (in):	**4.75**
Hole Clear. Method:	**GPR/Electromagnetic**	Sampling Method(s):	**SPT Sampler**
Drilling Start Date:	**4/29/2015**	Logged By:	**WA**
Drilling End Date:	**4/29/2015**	Boring Location (X):	
Drilling Company:	**Krazan & Associates, Inc.**	Boring Location (Y):	
Drilling Method:	**Solid Stem Auger**	Ground Surface Elev.:	

DEPTH (ft.)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Date & Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft.)
0								ASPHALTIC CONCRETE.			0
								BASE.			
								(11") Silty CLAY (CL); damp, dark brown. (FILL)			
								(2.5') Silty CLAY (CL/ML); stiff, damp, brown.			
5				SS	12:33	4 8 13		Very stiff below 5' bgs.			5
10				SS	12:39	10 11 17					10
15				SS	12:46	8 10 12					15
								(17.5') Clayey sandy SILT (ML); fine sand, medium dense, damp, brown.			
20											20

NOTES:

Krazan	Client: USA Properties Fund, Inc. Project: 034-15013 Address: 100 N. Winchester, Santa Clara, CA	**BORING LOG** Boring No. B2 Page: 2 of 2

Hole Clear. Date:	**4/29/2015**	Boring Depth (ft):	**36**
Hole Clear. Company:	**PULS Geophysical, Inc.**	Boring Diameter (in):	**4.75**
Hole Clear. Method:	**GPR/Electromagnetic**	Sampling Method(s):	**SPT Sampler**
Drilling Start Date:	**4/29/2015**	Logged By:	**WA**
Drilling End Date:	**4/29/2015**	Boring Location (X):	
Drilling Company:	**Krazan & Associates, Inc.**	Boring Location (Y):	
Drilling Method:	**Solid Stem Auger**	Ground Surface Elev.:	

DEPTH (ft.)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Date & Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft.)
20				SS	12:56	10 12 13					20
								(22.5') Clayey SAND (SC); fine grained, loose, moist, brown.			
25				SS	13:06	6 5 5					25
30				SS	13:17	10 10 9		(29.5') Clayey SAND (SC); with thin interbeds of Silty CLAY (CL), fine sand, medium dense, very moist, brown.			30
35				SS	13:35	6 7 21		(34.5') Gravelly SAND (SP); with trace fines, fine to coarse grained, dense, moist, brown.			35
40											40

NOTES:

Appendix B

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

11 May 2015

Mike Bowery
Krazan, Clovis
215 West Dakota Avenue
Clovis, CA 93612

RE: Santana Atrium

Enclosed are the results of analyses for samples received by the laboratory on 05/02/15 09:36. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rose Fasheh

Rose Fasheh For Daniel Chavez
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV-1	T151054-01	Air	04/30/15 11:31	05/02/15 09:36
SV-2	T151054-02	Air	04/30/15 11:36	05/02/15 09:36
SV-3	T151054-03	Air	04/30/15 11:43	05/02/15 09:36
SV-4	T151054-04	Air	04/30/15 11:48	05/02/15 09:36
SV-5	T151054-05	Air	04/30/15 12:04	05/02/15 09:36
SV-6	T151054-06	Air	04/30/15 12:06	05/02/15 09:36
SV-7	T151054-07	Air	04/30/15 12:28	05/02/15 09:36
SV-8	T151054-08	Air	04/30/15 12:45	05/02/15 09:36

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Rose Fasheh

Rose Fasheh For Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

DETECTIONS SUMMARY

Sample ID: SV-1 **Laboratory ID:** T151054-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**48**	12	ug/m³ Air	TO-15	
Isopropyl alcohol	**39**	13	ug/m³ Air	TO-15	
Heptane	**24**	4.2	ug/m³ Air	TO-15	
Hexane	**16**	3.6	ug/m³ Air	TO-15	
Trichloroethene	**84**	5.5	ug/m³ Air	TO-15	
1,2,4-Trimethylbenzene	**7.5**	5.0	ug/m³ Air	TO-15	
2-Butanone (MEK)	**17**	15	ug/m³ Air	TO-15	
Benzene	**23**	3.3	ug/m³ Air	TO-15	
Toluene	**23**	3.8	ug/m³ Air	TO-15	
m,p-Xylene	**12**	8.8	ug/m³ Air	TO-15	

Sample ID: SV-2 **Laboratory ID:** T151054-02

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**97**	12	ug/m³ Air	TO-15	
Cyclohexane	**29**	3.5	ug/m³ Air	TO-15	
Heptane	**37**	4.2	ug/m³ Air	TO-15	
Hexane	**27**	3.6	ug/m³ Air	TO-15	
Tetrahydrofuran	**13**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**8.8**	6.9	ug/m³ Air	TO-15	
Trichloroethene	**81**	5.5	ug/m³ Air	TO-15	
1,2,4-Trimethylbenzene	**8.0**	5.0	ug/m³ Air	TO-15	
2-Butanone (MEK)	**46**	15	ug/m³ Air	TO-15	
Benzene	**39**	3.3	ug/m³ Air	TO-15	
Toluene	**35**	3.8	ug/m³ Air	TO-15	
m,p-Xylene	**12**	8.8	ug/m³ Air	TO-15	

Sample ID: SV-3 **Laboratory ID:** T151054-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**59**	12	ug/m³ Air	TO-15	

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh For Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

Sample ID: SV-3 **Laboratory ID:** T151054-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**7.0**	5.0	ug/m³ Air	TO-15	
Cyclohexane	**29**	3.5	ug/m³ Air	TO-15	
Heptane	**25**	4.2	ug/m³ Air	TO-15	
Hexane	**25**	3.6	ug/m³ Air	TO-15	
Tetrahydrofuran	**4.3**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**200**	6.9	ug/m³ Air	TO-15	
Trichloroethene	**280**	5.5	ug/m³ Air	TO-15	
1,3,5-Trimethylbenzene	**100**	5.0	ug/m³ Air	TO-15	
1,2,4-Trimethylbenzene	**170**	5.0	ug/m³ Air	TO-15	
2-Butanone (MEK)	**24**	15	ug/m³ Air	TO-15	
Benzene	**47**	3.3	ug/m³ Air	TO-15	
Toluene	**82**	3.8	ug/m³ Air	TO-15	
Ethylbenzene	**49**	4.4	ug/m³ Air	TO-15	
m,p-Xylene	**170**	8.8	ug/m³ Air	TO-15	
o-Xylene	**55**	4.4	ug/m³ Air	TO-15	

Sample ID: SV-4 **Laboratory ID:** T151054-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**68**	12	ug/m³ Air	TO-15	
Cyclohexane	**13**	3.5	ug/m³ Air	TO-15	
Heptane	**15**	4.2	ug/m³ Air	TO-15	
Hexane	**38**	3.6	ug/m³ Air	TO-15	
Tetrahydrofuran	**7.8**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**97**	6.9	ug/m³ Air	TO-15	
Trichloroethene	**200**	5.5	ug/m³ Air	TO-15	
1,3,5-Trimethylbenzene	**7.6**	5.0	ug/m³ Air	TO-15	
1,2,4-Trimethylbenzene	**11**	5.0	ug/m³ Air	TO-15	
2-Butanone (MEK)	**21**	15	ug/m³ Air	TO-15	
Benzene	**19**	3.3	ug/m³ Air	TO-15	
Toluene	**21**	3.8	ug/m³ Air	TO-15	
Ethylbenzene	**4.9**	4.4	ug/m³ Air	TO-15	
m,p-Xylene	**16**	8.8	ug/m³ Air	TO-15	
o-Xylene	**5.5**	4.4	ug/m³ Air	TO-15	

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh For Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

Sample ID: SV-5 **Laboratory ID:** T151054-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**110**	12	ug/m³ Air	TO-15	
Isopropyl alcohol	**46**	13	ug/m³ Air	TO-15	
Cyclohexane	**21**	3.5	ug/m³ Air	TO-15	
Heptane	**19**	4.2	ug/m³ Air	TO-15	
Hexane	**59**	3.6	ug/m³ Air	TO-15	
1,1-Dichloroethene	**9.0**	4.0	ug/m³ Air	TO-15	
Tetrahydrofuran	**13**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**270**	6.9	ug/m³ Air	TO-15	
1,1,1-Trichloroethane	**72**	5.6	ug/m³ Air	TO-15	
Trichloroethene	**790**	5.5	ug/m³ Air	TO-15	
1,3,5-Trimethylbenzene	**7.3**	5.0	ug/m³ Air	TO-15	
1,2,4-Trimethylbenzene	**13**	5.0	ug/m³ Air	TO-15	
2-Butanone (MEK)	**44**	15	ug/m³ Air	TO-15	
Benzene	**20**	3.3	ug/m³ Air	TO-15	
Toluene	**21**	3.8	ug/m³ Air	TO-15	
Ethylbenzene	**4.6**	4.4	ug/m³ Air	TO-15	
m,p-Xylene	**15**	8.8	ug/m³ Air	TO-15	
o-Xylene	**6.4**	4.4	ug/m³ Air	TO-15	

Sample ID: SV-6 **Laboratory ID:** T151054-06

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**49**	12	ug/m³ Air	TO-15	
Isopropyl alcohol	**35**	13	ug/m³ Air	TO-15	
Heptane	**6.9**	4.2	ug/m³ Air	TO-15	
Hexane	**58**	3.6	ug/m³ Air	TO-15	
4-Ethyltoluene	**11**	5.0	ug/m³ Air	TO-15	
Tetrahydrofuran	**7.0**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**380**	6.9	ug/m³ Air	TO-15	
Trichloroethene	**410**	5.5	ug/m³ Air	TO-15	
1,3,5-Trimethylbenzene	**46**	5.0	ug/m³ Air	TO-15	
1,2,4-Trimethylbenzene	**56**	5.0	ug/m³ Air	TO-15	
2-Butanone (MEK)	**18**	15	ug/m³ Air	TO-15	
Benzene	**4.4**	3.3	ug/m³ Air	TO-15	
Toluene	**9.1**	3.8	ug/m³ Air	TO-15	
Ethylbenzene	**6.7**	4.4	ug/m³ Air	TO-15	

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Rose Fasheh

Rose Fasheh For Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

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Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

Sample ID: SV-6 **Laboratory ID:** T151054-06

Analyte	Result	Reporting Limit	Units	Method	Notes
m,p-Xylene	**47**	8.8	ug/m³ Air	TO-15	
o-Xylene	**37**	4.4	ug/m³ Air	TO-15	

Sample ID: SV-7 **Laboratory ID:** T151054-07

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**47**	12	ug/m³ Air	TO-15	
Isopropyl alcohol	**30**	13	ug/m³ Air	TO-15	
Cyclohexane	**8.9**	3.5	ug/m³ Air	TO-15	
Heptane	**8.0**	4.2	ug/m³ Air	TO-15	
Hexane	**15**	3.6	ug/m³ Air	TO-15	
Tetrahydrofuran	**6.6**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**300**	6.9	ug/m³ Air	TO-15	
Trichloroethene	**370**	5.5	ug/m³ Air	TO-15	
1,3,5-Trimethylbenzene	**5.7**	5.0	ug/m³ Air	TO-15	
1,2,4-Trimethylbenzene	**10**	5.0	ug/m³ Air	TO-15	
Benzene	**6.2**	3.3	ug/m³ Air	TO-15	
Toluene	**9.5**	3.8	ug/m³ Air	TO-15	
m,p-Xylene	**12**	8.8	ug/m³ Air	TO-15	

Sample ID: SV-8 **Laboratory ID:** T151054-08

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**47**	12	ug/m³ Air	TO-15	
Isopropyl alcohol	**30**	13	ug/m³ Air	TO-15	
Cyclohexane	**9.3**	3.5	ug/m³ Air	TO-15	
Heptane	**5.8**	4.2	ug/m³ Air	TO-15	
Hexane	**6.2**	3.6	ug/m³ Air	TO-15	
Tetrahydrofuran	**4.9**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**240**	6.9	ug/m³ Air	TO-15	
Trichloroethene	**310**	5.5	ug/m³ Air	TO-15	
1,2,4-Trimethylbenzene	**6.4**	5.0	ug/m³ Air	TO-15	
2-Butanone (MEK)	**17**	15	ug/m³ Air	TO-15	
Benzene	**6.9**	3.3	ug/m³ Air	TO-15	
Toluene	**7.3**	3.8	ug/m³ Air	TO-15	

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Krazan, Clovis	Project:	Santana Atrium	
215 West Dakota Avenue	Project Number:	03415013	**Reported:**
Clovis CA, 93612	Project Manager:	Mike Bowery	05/11/15 14:47

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Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

SV-1

T151054-01 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Acetone	**48**	12	ug/m³ Air	1.6	5050443	05/04/15	05/08/15	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	**39**	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	ND	3.5	"	"	"	"	"	"	
Heptane	**24**	4.2	"	"	"	"	"	"	
Hexane	**16**	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	

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Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

SV-1

T151054-01 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Methylene chloride	ND	3.5	ug/m³ Air	1.6	5050443	05/04/15	05/08/15	TO-15	
Styrene	ND	4.3	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	3.0	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	**84**	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**7.5**	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	**17**	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	**23**	3.3	"	"	"	"	"	"	
Toluene	**23**	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**12**	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*77.1 %*	*40-160*		"	"	"	"	

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215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

SV-2

T151054-02 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Acetone	**97**	12	ug/m³ Air	1.6	5050443	05/04/15	05/11/15	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	**29**	3.5	"	"	"	"	"	"	
Heptane	**37**	4.2	"	"	"	"	"	"	
Hexane	**27**	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	3.5	"	"	"	"	"	"	

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215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

SV-2

T151054-02 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Styrene	ND	4.3	ug/m³ Air	1.6	5050443	05/04/15	05/11/15	TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	**13**	3.0	"	"	"	"	"	"	
Tetrachloroethene	**8.8**	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	**81**	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**8.0**	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	**46**	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	**39**	3.3	"	"	"	"	"	"	
Toluene	**35**	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**12**	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*74.2 %*	*40-160*		"	"	"	"	

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Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

SV-3

T151054-03 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Acetone	**59**	12	ug/m³ Air	1.61	5050443	05/04/15	05/11/15	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	**7.0**	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	**29**	3.5	"	"	"	"	"	"	
Heptane	**25**	4.2	"	"	"	"	"	"	
Hexane	**25**	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	3.5	"	"	"	"	"	"	

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215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

SV-3

T151054-03 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Styrene	ND	4.3	ug/m³ Air	1.61	5050443	05/04/15	05/11/15	TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	**4.3**	3.0	"	"	"	"	"	"	
Tetrachloroethene	**200**	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	**280**	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**100**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**170**	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	**24**	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	**47**	3.3	"	"	"	"	"	"	
Toluene	**82**	3.8	"	"	"	"	"	"	
Ethylbenzene	**49**	4.4	"	"	"	"	"	"	
m,p-Xylene	**170**	8.8	"	"	"	"	"	"	
o-Xylene	**55**	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*73.4 %*	*40-160*		"	"	"	"	

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Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

SV-4

T151054-04 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Acetone	**68**	12	ug/m³ Air	1.49	5050443	05/04/15	05/11/15	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	**13**	3.5	"	"	"	"	"	"	
Heptane	**15**	4.2	"	"	"	"	"	"	
Hexane	**38**	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	3.5	"	"	"	"	"	"	

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Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

SV-4

T151054-04 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Styrene	ND	4.3	ug/m³ Air	1.49	5050443	05/04/15	05/11/15	TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	**7.8**	3.0	"	"	"	"	"	"	
Tetrachloroethene	**97**	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	**200**	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**7.6**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**11**	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	**21**	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	**19**	3.3	"	"	"	"	"	"	
Toluene	**21**	3.8	"	"	"	"	"	"	
Ethylbenzene	**4.9**	4.4	"	"	"	"	"	"	
m,p-Xylene	**16**	8.8	"	"	"	"	"	"	
o-Xylene	**5.5**	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*76.2 %*	*40-160*		"	"	"	"	

SunStar Laboratories, Inc.

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Rose Fasheh For Daniel Chavez, Project Manager

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Providing Quality Analytical Services Nationwide

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Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

SV-5

T151054-05 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Acetone	**110**	12	ug/m³ Air	1.67	5050443	05/04/15	05/11/15	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	**46**	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	**21**	3.5	"	"	"	"	"	"	
Heptane	**19**	4.2	"	"	"	"	"	"	
Hexane	**59**	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	**9.0**	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	3.5	"	"	"	"	"	"	

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Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

SV-5

T151054-05 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Styrene	ND	4.3	ug/m³ Air	1.67	5050443	05/04/15	05/11/15	TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	**13**	3.0	"	"	"	"	"	"	
Tetrachloroethene	**270**	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	**72**	5.6	"	"	"	"	"	"	
Trichloroethene	**790**	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**7.3**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**13**	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	**44**	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	**20**	3.3	"	"	"	"	"	"	
Toluene	**21**	3.8	"	"	"	"	"	"	
Ethylbenzene	**4.6**	4.4	"	"	"	"	"	"	
m,p-Xylene	**15**	8.8	"	"	"	"	"	"	
o-Xylene	**6.4**	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*72.0 %*	*40-160*		"	"	"	"	

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215 West Dakota Avenue	Project Number: 03415013	**Reported:**
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SV-6

T151054-06 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Acetone	**49**	12	ug/m³ Air	1.63	5050443	05/04/15	05/11/15	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	**35**	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	ND	3.5	"	"	"	"	"	"	
Heptane	**6.9**	4.2	"	"	"	"	"	"	
Hexane	**58**	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	**11**	5.0	"	"	"	"	"	"	
Methylene chloride	ND	3.5	"	"	"	"	"	"	

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215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

SV-6

T151054-06 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Styrene	ND	4.3	ug/m³ Air	1.63	5050443	05/04/15	05/11/15	TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	**7.0**	3.0	"	"	"	"	"	"	
Tetrachloroethene	**380**	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	**410**	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**46**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**56**	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	**18**	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	**4.4**	3.3	"	"	"	"	"	"	
Toluene	**9.1**	3.8	"	"	"	"	"	"	
Ethylbenzene	**6.7**	4.4	"	"	"	"	"	"	
m,p-Xylene	**47**	8.8	"	"	"	"	"	"	
o-Xylene	**37**	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*77.4 %*	*40-160*		"	"	"	"	

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Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

SV-7

T151054-07 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Acetone	**47**	12	ug/m³ Air	1.55	5050443	05/04/15	05/11/15	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	**30**	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	**8.9**	3.5	"	"	"	"	"	"	
Heptane	**8.0**	4.2	"	"	"	"	"	"	
Hexane	**15**	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	3.5	"	"	"	"	"	"	

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Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

SV-7

T151054-07 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Styrene	ND	4.3	ug/m³ Air	1.55	5050443	05/04/15	05/11/15	TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	**6.6**	3.0	"	"	"	"	"	"	
Tetrachloroethene	**300**	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	**370**	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**5.7**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**10**	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	**6.2**	3.3	"	"	"	"	"	"	
Toluene	**9.5**	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**12**	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*73.3 %*	*40-160*		"	"	"	"	

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Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

SV-8

T151054-08 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Acetone	**47**	12	ug/m³ Air	1.59	5050443	05/04/15	05/11/15	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	**30**	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	**9.3**	3.5	"	"	"	"	"	"	
Heptane	**5.8**	4.2	"	"	"	"	"	"	
Hexane	**6.2**	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	3.5	"	"	"	"	"	"	

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Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

SV-8

T151054-08 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Styrene	ND	4.3	ug/m³ Air	1.59	5050443	05/04/15	05/11/15	TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	**4.9**	3.0	"	"	"	"	"	"	
Tetrachloroethene	**240**	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	**310**	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**6.4**	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	**17**	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	**6.9**	3.3	"	"	"	"	"	"	
Toluene	**7.3**	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*73.0 %*	*40-160*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Rose Fasheh

Rose Fasheh For Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5050443 - EPA 5030 GCMS										
Blank (5050443-BLK1)				Prepared: 05/04/15 Analyzed: 05/08/15						
Acetone	ND	12	ug/m³ Air							
1,3-Butadiene	ND	4.5	"							
Carbon Disulfide	ND	3.2	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"							
Isopropyl alcohol	ND	13	"							
Bromodichloromethane	ND	6.8	"							
Bromoform	ND	11	"							
Bromomethane	ND	4.0	"							
Carbon tetrachloride	ND	6.4	"							
Chlorobenzene	ND	4.7	"							
Chloroethane	ND	2.7	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	11	"							
Cyclohexane	ND	3.5	"							
Heptane	ND	4.2	"							
Hexane	ND	3.6	"							
Dibromochloromethane	ND	8.7	"							
1,2-Dibromoethane (EDB)	ND	7.8	"							
1,2-Dichlorobenzene	ND	6.1	"							
1,3-Dichlorobenzene	ND	6.1	"							
1,4-Dichlorobenzene	ND	6.1	"							
Dichlorodifluoromethane	ND	5.0	"							
1,1-Dichloroethane	ND	4.1	"							
1,2-Dichloroethane	ND	4.1	"							
1,1-Dichloroethene	ND	4.0	"							
cis-1,2-Dichloroethene	ND	4.0	"							
trans-1,2-Dichloroethene	ND	4.0	"							
1,2-Dichloropropane	ND	4.7	"							
cis-1,3-Dichloropropene	ND	4.6	"							
trans-1,3-Dichloropropene	ND	4.6	"							
4-Ethyltoluene	ND	5.0	"							
Methylene chloride	ND	3.5	"							
Styrene	ND	4.3	"							
1,1,2,2-Tetrachloroethane	ND	7.0	"							
Tetrahydrofuran	ND	3.0	"							

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh For Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5050443 - EPA 5030 GCMS										
Blank (5050443-BLK1)				Prepared: 05/04/15 Analyzed: 05/08/15						
Tetrachloroethene	ND	6.9	ug/m³ Air							
1,1,2-Trichloroethane	ND	5.6	"							
1,1,1-Trichloroethane	ND	5.6	"							
Trichloroethene	ND	5.5	"							
Trichlorofluoromethane	ND	5.7	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
Vinyl acetate	ND	3.6	"							
Vinyl chloride	ND	2.6	"							
1,4-Dioxane	ND	18	"							
2-Butanone (MEK)	ND	15	"							
Methyl isobutyl ketone	ND	42	"							
Benzene	ND	3.3	"							
Toluene	ND	3.8	"							
Ethylbenzene	ND	4.4	"							
m,p-Xylene	ND	8.8	"							
o-Xylene	ND	4.4	"							
Surrogate: 4-Bromofluorobenzene	*38.6*		*"*	*45.3*		*85.3*	*40-160*			
Duplicate (5050443-DUP1)		**Source: T151054-01**		Prepared: 05/04/15 Analyzed: 05/08/15						
Acetone	47.6	12	ug/m³ Air		48.4			1.61	30	
1,3-Butadiene	ND	4.5	"		ND				30	
Carbon Disulfide	ND	3.2	"		ND				30	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"		ND				30	
Isopropyl alcohol	36.4	13	"		39.4			7.92	30	
Bromodichloromethane	ND	6.8	"		ND				30	
Bromoform	ND	11	"		ND				30	
Bromomethane	ND	4.0	"		ND				30	
Carbon tetrachloride	ND	6.4	"		ND				30	
Chlorobenzene	ND	4.7	"		ND				30	
Chloroethane	ND	2.7	"		ND				30	
Chloroform	ND	5.0	"		ND				30	
Chloromethane	ND	11	"		ND				30	
Cyclohexane	ND	3.5	"		ND				30	
Heptane	24.8	4.2	"		24.2			2.45	30	

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh For Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5050443 - EPA 5030 GCMS										
Duplicate (5050443-DUP1)		**Source: T151054-01**		Prepared: 05/04/15 Analyzed: 05/08/15						
Hexane	16.7	3.6	ug/m³ Air		15.8			5.29	30	
Dibromochloromethane	ND	8.7	"		ND				30	
1,2-Dibromoethane (EDB)	ND	7.8	"		ND				30	
1,2-Dichlorobenzene	ND	6.1	"		ND				30	
1,3-Dichlorobenzene	ND	6.1	"		ND				30	
1,4-Dichlorobenzene	ND	6.1	"		ND				30	
Dichlorodifluoromethane	ND	5.0	"		ND				30	
1,1-Dichloroethane	ND	4.1	"		ND				30	
1,2-Dichloroethane	ND	4.1	"		ND				30	
1,1-Dichloroethene	ND	4.0	"		ND				30	
cis-1,2-Dichloroethene	ND	4.0	"		ND				30	
trans-1,2-Dichloroethene	ND	4.0	"		ND				30	
1,2-Dichloropropane	ND	4.7	"		ND				30	
cis-1,3-Dichloropropene	ND	4.6	"		ND				30	
trans-1,3-Dichloropropene	ND	4.6	"		ND				30	
4-Ethyltoluene	ND	5.0	"		ND				30	
Methylene chloride	ND	3.5	"		ND				30	
Styrene	ND	4.3	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	7.0	"		ND				30	
Tetrahydrofuran	ND	3.0	"		ND				30	
Tetrachloroethene	5.30	6.9	"		5.19			2.11	30	
1,1,2-Trichloroethane	ND	5.6	"		ND				30	
1,1,1-Trichloroethane	ND	5.6	"		ND				30	
Trichloroethene	4.99	5.5	"		83.8			178	30	DUP-01
Trichlorofluoromethane	ND	5.7	"		ND				30	
1,3,5-Trimethylbenzene	ND	5.0	"		ND				30	
1,2,4-Trimethylbenzene	7.60	5.0	"		7.52			1.06	30	
Vinyl acetate	ND	3.6	"		ND				30	
Vinyl chloride	ND	2.6	"		ND				30	
1,4-Dioxane	ND	18	"		ND				30	
2-Butanone (MEK)	16.7	15	"		16.6			0.288	30	
Methyl isobutyl ketone	ND	42	"		ND				30	
Benzene	24.2	3.3	"		23.2			3.95	30	
Toluene	23.4	3.8	"		22.6			3.46	30	
Ethylbenzene	4.10	4.4	"		4.24			3.39	30	
m,p-Xylene	11.9	8.8	"		12.4			3.49	30	

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh For Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5050443 - EPA 5030 GCMS										
Duplicate (5050443-DUP1)		**Source: T151054-01**		Prepared: 05/04/15 Analyzed: 05/08/15						
o-Xylene	3.53	4.4	ug/m³ Air		3.25			8.33	30	
Surrogate: 4-Bromofluorobenzene	*35.7*		*"*	*45.3*		*78.9*	*40-160*			

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh For Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
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Krazan, Clovis	Project: Santana Atrium	
215 West Dakota Avenue	Project Number: 03415013	**Reported:**
Clovis CA, 93612	Project Manager: Mike Bowery	05/11/15 14:47

Notes and Definitions

DUP-01	The RPD result exceeded the QC control limits for this analyte; sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Krazan & Associates, Inc. 215 W. Dakota Avenue, Clovis, CA 93612, (559) 348-2200, FAX (559) 348-2190

CHAIN-OF-CUSTODY RECORD

DATE: 05/01/15 **Lab ID:** T151054

Client:	Krazan & Associates, Inc.
Address:	215 West Dakota Avenue Clovis, CA 93612
Sampled By:	Martin Groth
Phone:	(559) 348-2200
FAX:	(559) 348-2201
Project Manager:	Michael Bowery
Project Job:	03415013 - Santana Atrium

REQUESTED ANALYSIS

	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container #	Container Type	VOCs by TO-15
1	SV-1 01	4/30/15	11:31	Vapor	1	Summa	X
2	SV-2 02	4/30/15	11:36	Vapor	1	Summa	X
3	SV-3 03	4/30/15	11:43	Vapor	1	Summa	X
4	SV-4 04	4/30/15	11:48	Vapor	1	Summa	X
5	SV-5 05	4/30/15	12:04	Vapor	1	Summa	X
6	SV-6 06	4/30/15	12:06	Vapor	1	Summa	X
7	SV-7 07	4/30/15	12:28	Vapor	1	Summa	X
8	SV-8 08	4/30/15	12:45	Vapor	1	Summa	X
9							
10							

Correct Containers:	Yes	No		
Sample Temperature:	Ambient	Cold	Warm	
Sample Preservative:	Yes	No		
Turnaround Time:	Normal	Specify:		

Comments:

RELINQUISHED BY		RECEIVED BY	
Signature:	[signature]	Signature:	
Print:	Martin Groth	Print:	
Company:	Krazan	Company:	
Date:	05/01/15 Time: 9:31	Date:	Time:
Signature:		Signature:	[signature]
Print:		Print:	BRIAN CHARON
Company:	FED EX	Company:	SSL
Date:	5-2-15 Time: 9:36	Date:	5-2-15 Time: 9:36
Signature:		Signature:	
Print:		Print:	
Company:		Company:	
Date:	Time:	Date:	Time:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T151054

Client Name: KRAZAN

Project: SANTANA ATRIUM

Received by: BRIAN

Date/Time Received: 5.2.15 9:36

Delivered by : ☐ Client ☐ SunStar Courier ☐ GSO ☒ FedEx ☐ Other _____

Total number of coolers received 0

Temp criteria = 6°C > 0°C (no frozen containers)

Temperature: cooler #1 20.2 °C +/- the CF (- 0.2°C) = 20.0 °C corrected temperature

cooler #2 _____ °C +/- the CF (- 0.2°C) = _____ °C corrected temperature

cooler #3 _____ °C +/- the CF (- 0.2°C) = _____ °C corrected temperature

Samples outside temp. but received on ice, w/in 6 hours of final sampling.	☐ Yes	☐ No*	☒ N/A
Custody Seals Intact on Cooler/Sample	☐ Yes	☐ No*	☒ N/A
Sample Containers Intact	☒ Yes	☐ No*	
Sample labels match COC ID's	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. ☒ **Yes** ☐ **No***

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date BC 5.2.15

Comments:

SunStar Laboratories, Inc.

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

Company: KRAZAN	Name: MARTY
Item:	**Quantity:**
2 oz jars 24/CS	
4 oz jars 24/CS	
8 oz jars 12/CS	
40 ml unp. Voas 72/BOX	9
40 ml HCL Voas 72/BOX	9
250 ml Poly 60/CS	
1 Liter Poly 30/CS	
500 ml Poly 16/CS	
500 ml Amber Bottle Wide 12/CS	
1 Liter Amber Bottle 12/CS	2
1 Gallon Poly 4/BOX	
5035 kits:(2)Sodium Bisulfate Voas 72/BOX	
(1) Methanol Voa 72/BOX	
(1)Syringe 50/PACK	
Lock-N-Load Handle 1/PACK	
Tedlar Bags 10/PACK	
Manifold,Inst Sampler, Var. Sampler	2-MANIFOLDS (150) CHARGE 1 2 RETURNED
Sub Slab Insert w/ washer	
Soil Gas Drop Tubes	
Gas extraction fittings	
Soil Gas Filters	
B.C. Summa Cans 400cc:	
1L:	13 (2-NITROGEN) CHARGE 8 13 RETURNED
3L:	
6L:	
Certified Summa Cans 400cc:	
1L:	
3L:	
6L:	
Cooler (S,MED,LRG) Number & Quantity	
Swagelok Fittings: Ferrules,Unions, Nuts	11-NUTS/FERRULES CHARGE #11 11 USED
Other: Poly Tube, Tools, etc	
Prepared By: SUNNY	Date: 4-24-15
Reviewed By:	Date :

SunStar Laboratories Inc.
25712 Commercentre Dr.
Lake Forest, CA 92630
(949)297-5020
(949)297-5027 fax

Form F-LP0005-1.2

Effective Date: 01/01/2013

* PLEASE DO ***NOT*** WRITE ON OR PLACE LABELS ON SUMMA CANS

SunStar Laboratories

Canister Data Sheet

Client: KRAZAN_MARTY_4-24-15_13+2

Shipping Information				Sampling Information					
Canister Serial #		CHECK Date	Pressure (-30 +/- 2 psia)	Sample ID	Sample Date	Initial Pressure	Final Pressure	Sample Start Time	Sample Finish Time
SSAT-	0406	4/24/2015	-30	SV-1	4/30	-30	-3	11:21	11:31
SSAT-	0420 ~~4220~~	4/24/2015	-30	SV-2	4/30	-30	Ø	11:28	11:37
SSAT-	0453	4/24/2015	-30	SV-3	4/30	-30	-3	11:34	11:43
SSAT-	0606	4/24/2015	-30	SV-4	4/30	-30	Ø	11:40	11:48
SSAT-	0631	4/24/2015	-30	SV-5	4/30	-30	-3	11:55	12:04
SSAT-	0645	4/24/2015	-30	SV-6	4/30	-30	Ø	11:58	12:06
SSAT-	0662	4/24/2015	-30	SV-7	4/30	-30	Ø	12:20	12:28
SSAT-	0663	4/24/2015	-30	SV-8	4/30	-30	Ø	12:36	12:45
SSAT-	0693	4/24/2015	-30						
SSAT-	0698	4/24/2015	-30						
SSAT-	0710	4/24/2015	-30						
SSAT-	0454	4/24/2015	30	NITROGEN FILLED					
SSAT-	0455	4/24/2015	30	NITROGEN FILLED					
SSAT-	2038	4/24/2015		MANIFOLD (150)					
SSAT-	2051	4/24/2015		MANIFOLD (150)					

WORK ORDER

Printed: 5/5/2015 8:53:23AM

T151054

SunStar Laboratories, Inc.

Client: Krazan, Clovis
Project: Santana Atrium

Project Manager: Daniel Chavez
Project Number: 03415013

Report To:
Krazan, Clovis
Mike Bowery
215 West Dakota Avenue
Clovis, CA 93612
Phone: (559) 862-6144
Fax: (559) 348-2201

Invoice To:
Krazan, Clovis
Art Farkas
215 West Dakota Avenue
Clovis, CA 93612
Phone :(559) 348-2200
Fax: (559) 348-2201

Date Due: 05/11/15 15:00 (5 day TAT)

Received By: Brian Charon
Date Received: 05/02/15 09:36

Logged In By: Brian Charon
Date Logged In: 05/02/15 11:27

Samples Received at: **20°C**

Custody Seals	No	Received On Ice	No
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confir	No		

Analysis	Due	TAT	Expires	Comments
T151054-01 SV-1 [Air] Sampled 04/30/15 11:31 (GMT-08:00) Pacific Time (US &				
TO-15	05/11/15 15:00	5	05/30/15 11:31	
T151054-02 SV-2 [Air] Sampled 04/30/15 11:36 (GMT-08:00) Pacific Time (US &				
TO-15	05/11/15 15:00	5	05/30/15 11:36	
T151054-03 SV-3 [Air] Sampled 04/30/15 11:43 (GMT-08:00) Pacific Time (US &				
TO-15	05/11/15 15:00	5	05/30/15 11:43	
T151054-04 SV-4 [Air] Sampled 04/30/15 11:48 (GMT-08:00) Pacific Time (US &				
TO-15	05/11/15 15:00	5	05/30/15 11:48	
T151054-05 SV-5 [Air] Sampled 04/30/15 12:04 (GMT-08:00) Pacific Time (US &				
TO-15	05/11/15 15:00	5	05/30/15 12:04	
T151054-06 SV-6 [Air] Sampled 04/30/15 12:06 (GMT-08:00) Pacific Time (US &				
TO-15	05/11/15 15:00	5	05/30/15 12:06	
T151054-07 SV-7 [Air] Sampled 04/30/15 12:28 (GMT-08:00) Pacific Time (US &				
TO-15	05/11/15 15:00	5	05/30/15 12:28	

WORK ORDER

Printed: 5/5/2015 8:53:23AM

T151054

SunStar Laboratories, Inc.

Client:	**Krazan, Clovis**	**Project Manager:**	**Daniel Chavez**
Project:	**Santana Atrium**	**Project Number:**	**03415013**

Analysis	Due	TAT	Expires	Comments
T151054-08 SV-8 [Air] Sampled 04/30/15 12:45 (GMT-08:00) Pacific Time (US &				
TO-15	05/11/15 15:00	5	05/30/15 12:45	

Reviewed By

Date

Krazan & ASSOCIATES, INC.

GEOTECHNICAL ENGINEERING • ENVIRONMENTAL ENGINEERING
CONSTRUCTION TESTING & INSPECTION

June 26, 2015 Project No. 034-15013

Ms. Royce Patch
USA Properties Fund, Inc.
3200 Douglas Boulevard, Suite 200
Roseville, California 95661

RE: Report of Findings
Vapor Intrusion Risk Evaluation
Santana Atrium Senior Apartments
100 N. Winchester Boulevard
APN 303-16-073
Santa Clara, California 95050

Dear Ms. Patch:

Pursuant to your request, a Vapor Intrusion Risk Evaluation (VIRE) was conducted for the referenced property (subject site; Figure 1). The proposed scope of work was based strictly upon the Summary of Findings provided in Krazan's March 13, 2015 *Phase I Environmental Site Assessment (ESA)* prepared for USA Properties Fund, Inc. (client), a client-directed scope of work contained in email correspondence dated April 9, 2015 and Krazan's June 1, 2015 *Report of Findings Phase II Limited Subsurface Assessment* (LSA) for the referenced subject site prepared for the client. The proposed work was reportedly conducted in conjunction with a real estate transaction and not by the request of a regulatory agency.

BACKGROUND

During the course of the referenced Phase I ESA, Krazan identified no evidence of recognized environmental conditions (RECs), controlled RECs (CRECs) or historical RECs (HRECs) in conjunction with the subject site as defined by ASTM E 1527-13. However, the following potential areas of concern (PAOCs) were identified in connection with the subject site:

PAOCs

- According to records on file with the State of California Regional Water Quality Control Board (RWQCB), a 10,000-gallon underground storage tank (UST) utilized for the storage of paint thinner was removed from the Dunn Edwards Paints facility located adjacent to the east of the subject site across N. Winchester Boulevard in 1986 and a 110-gallon UST connected to a floor drain(s) located within the Dunn Edwards Paints facility was removed in November 1991. Paint thinner was detected in soil samples collected in association with the removal of the 110-gallon UST. Consequently, additional environmental investigation of the release was initiated in early-1992 which revealed that impacts to groundwater had also occurred. Site remediation included excavation of a minor amount of soil at the time of UST removal, and approximately 7,000 gallons of groundwater was removed from the perched water-bearing zone. However, this limited remediation does not appear to have significantly reduced the mass of paint thinner in the subsurface at this adjacent property, as floating free product was identified in hydraulically downgradient monitoring well MW-3 in February 1996 (the next-to-last floating free product

assessment event). Groundwater monitoring conducted at this facility between 1992 and 1996 reportedly revealed that first groundwater is perched groundwater which is encountered at a depth of 21 to 32 feet below ground surface (bgs). The groundwater flow direction within the perched groundwater zone is reported to be toward the east to northeast. Given the reported location of the removed 10,000-gallon and 110-gallon USTs approximately 200 feet to the east of the subject site, the former leaking USTs were located hydraulically downgradient of the subject site. Significant concentrations of paint thinner reportedly remained at the time of the August 17, 1998 closure of this leaking UST (LUST) case, including a mass of paint thinner present as free product beneath the site. Within the boundaries of the Dunn Edwards Paints property, paint thinner was detected in soil samples at a maximum concentration of 22,000 milligram per kilogram (mg/kg), with the highest concentrations of paint thinner reportedly occurring in sandy material at depths between 25 and 32 feet bgs. Off site, paint thinner has been detected in soil samples collected from borings located up to 150 feet from the former UST area at depths up to 46 feet bgs and at a maximum concentration of 280 mg/kg. In addition to the presence of 0.61 feet of free product at a downgradient on-site well, impacted groundwater was detected at an off-site location at a concentration of 1,800 micrograms per liter (µg/l). Although this LUST site was granted closure by the oversight regulatory agencies in mid-1998, a "Notice of Environmental Restriction and Covent" was recorded in Santa Clara County on March 5, 1998 which indicates that pockets of free product are present in perched groundwater beneath this property, requires regulatory agencies to he informed prior to disturbance of any area containing free product and requires prospective purchasers of the property to be informed of the environmental conditions related to the paint thinner release.

Given the volatility of the petroleum hydrocarbon constituents (PHCs) comprising paint thinner and the reported proximity of pockets of free product paint thinner associated with perched groundwater and sandy soil, the potential exists for subsurface migration of paint thinner constituent vapors. Furthermore, PHC vapors such as those comprising paint thinner are capable of migrating great distances omni-directionally along preferential pathways represented by subsurface conduits such as pipelines, utility lines, sewer and stormwater lines, and building foundations. Therefore, although the subject site is located hydraulically upgradient of the Dunn Edwards Paints LUST site such that impacted groundwater may not have migrated beneath the subject site, given the reported subsurface presence of lenses of effectively pure paint thinner located in porous sandy soils approximately 200 feet from the subject site, coupled with the potential presence of extensive preferential pathways in this highly developed area of Santa Clara, the potential exists for omni-directional subsurface migration of paint thinner constituent vapors. Consequently, the presence or absence of PHC vapor encroachment onto the suhject site subsurface related to the documented nearby vicinity release of significant concentrations of paint thinner, which may represent the potential for vapor intrusion into the on-site structure, is unknown.

- According to records on file with the City of Santa Clara Fire Department (CSCFD), leaks in the former fuel storage and delivery system resulted in petroleum hydrocarbon impacts to subsurface soil, groundwater and soil gas at the former Mobil service station previously located approximately 225 feet to the north of the eastern portion of the subject site. Environmental investigation of the petroleum hydrocarbon release at this facility was initiated in 1989, following the removal of three fuel USTs and one waste oil UST. Analysis of soil samples collected from the hase of the fuel UST excavation revealed gasoline-range total petroleum hydrocarbon (TPH-g) concentrations as high as 11,000 mg/kg, and analysis of soil samples

collected from seven borings advanced in 1990 revealed TPH-g and benzene impacts to a depth of at least 25 feet bgs. However, analysis of soil samples collected from beneath the waste oil UST did not reveal a detectable impact.

Records on file with the CSCFD for this closed LUST site are incomplete; bowever, adequate information is included to determine that at least six groundwater monitoring wells were installed in the early-1990s and that these wells were monitored for over one year. While no groundwater monitoring reports were included in the CSCFD file provided for Krazan's review, data obtained from several LUST sites located proximate to this property indicate that perched groundwater occurs at 21 to 32 feet bgs and that the groundwater flow direction in the vicinity of this property is toward the north to northeast, thereby placing this property hydraulically downgradient of the subject site.

Data available via the CSCFD file is largely derived from information contained in regulatory agency correspondence, and this data indicates that groundwater from monitoring well MW-2 contained a maximum TPH-g concentration of 410 µg/l and a maximum benzene concentration of 4.2 µg/l in mid-1991. Additionally, February 1992 regulatory agency correspondence indicates that: 1) "High concentrations of volatile hydrocarbons were detected in soil gas samples collected near both dispenser islands during the soil gas survey performed by Target Environmental services in January 1990." 2) "Contamination was also detected in soil borings B-1 and B-2, which were drilled near the former dispenser islands, at depths of up to 49 bgs," and 3) "high concentrations" of chlorinated hydrocarbons were detected in soil samples collected from below the former clarifier located at the former station building. The southern-most former dispenser island, the former service station building and the former waste oil UST were all located approximately 215 to 235 feet to the north of the subject site. The CSCFD file provided for Krazan's review did not include any data pursuant to the above-referenced 1992 correspondence, although the file did include a case-closure letter dated April 20, 1998.

While the environmental record available via the CSCFD is incomplete and thus somewhat difficult to interpret, given that: 1) the planned redevelopment of the subject site is for residential use, 2) reportedly significant impacts to soil and/or soil gas occurred in association with a clarifier and fuel dispensers located approximately 225 feet to the north of the subject site, and 3) gasoline-derived volatile constituents of concern and parts-cleaning solvent vapors are capable of migrating great distances omni-directionally along preferential pathways in urban areas as described above, the potential exists for omni-directional subsurface migration of gasoline-derived volatile constituents and parts-cleaning solvent constituent vapors. Consequently, the presence or absence of vapor encroachment onto the subject site subsurface related to the documented nearby Mobile service station vicinity release of volatile constituents of concern, which may represent the potential for vapor intrusion into the on-site structure, is unknown.

June 1, 2015 Phase II LSA – Findings, Conclusions and Recommendations

On April 29, 2105, Krazan installed and sampled eight (8) soil vapor points (SV-1 through SV-8), each to five (5) feet below ground surface (bgs). The soil vapor samples were analyzed for volatile organic compounds (VOCs) by EPA Method TO-15. The findings are discussed below:

The laboratory results for soil vapor samples SV-1 through SV-8 reported the following VOCs above the various Reporting Limits (RLs): acetone, benzene, chloroform, cyclohexane, heptane, hexane, IPA, 4-ethyltoluene, ethylbenzene, 2-butanone (MEK), tetrahydrofuran, tetrachloroethene, trichloroethene, 1,3,5-trimethylbenzene, 1,2,4-trimehtylbenzne, toluene, m,p-xylenes, and o-xylene (see Table I). The reported concentrations of the following compounds exceeded either the Residential CHHSLs or Residential ESLs, where established, or both:

- Benzene exceeded both the CHHSL and ESL values in SV-2 and SV-3;
- Tetrachloroethene (PCE) exceeded the CHHSL value in SV-3 and exceeded both the CHHSL and ESL values in SV-5, SV-6, SV-7, and SV-8; and
- Trichloroethene (TCE) exceeded the ESL value in SV-6, SV-7 and SV-8 and both the CHHSL and ESL values in SV-5.

The June 1, 2015 Phase II LSA revealed evidence that a vapor encroachment condition (VEC) appears to exist on the subject site. The elevated concentrations of benzene, PCE and TCE may be the result of the paint thinner release from the former Dunn Edwards facility or from the former Mobil station or both.

Consequently, it appeared that a risk assessment utilizing the subject-site-specific data generated in the course of this Phase II LSA was warranted to ascertain the presence or absence of potential health threats from on-site soil vapor concentrations and to form a reliable opinion as to whether or not installation of a vapor barrier as part of the design of future on-site structures is warranted. Since it appears that the only exposure pathway at the subject site is indoor air inhalation, Krazan recommended that a Vapor Intrusion Risk Evaluation (VIRE) be conducted.

VAPOR INTRUSION RISK EVALUATION

Purpose

The purpose of this VIRE was to assess whether the presence of VOCs in soil vapor beneath the subject site are likely to exceed levels considered acceptable to California health and environmental protections agencies.

VIRE Scope of Work

Pursuant to the VIRE Request for Change Order No. 2 – Proposal/Cost Estimate dated June 3, 2015, 2015, and approved by the client dated June 3, 2015, the following scope of work was conducted.

- At the request of Krazan, Enviro-Tox Services, Inc (ETSI) conducted a screening level VIRE for the subject site. The risk evaluation was based on soil vapor data provided by Krazan collected at the subject site on April 29, 2015. As recommended by the DTSC risk guidance, the evaluation was conducted using the Johnson and Ettinger model.
- Screening-level emission estimation methods were used to predict potential chemical emissions and resulting indoor air chemical concentrations that may result from the flux of chemical vapors potentially released from soil vapor sources under the site.
- In the VIRE, maximum detected chemical concentrations were considered to be representative of chemical concentrations present in soil vapor at five (5) feet bgs at the subject site.
- The VIRE assumed that no vapor barriers would be present under the proposed existing building at the subject site. Under those conditions, subsurface vapors hypothetically may enter the

buildings through cracks in the foundations and, subsequently, future receptors could be exposed to vapors while indoors.

REPORT OF FINDINGS

- The health risk evaluation prepared by Enviro-Tox evaluated the potential health risks posed by the presence of VOCs detected in soil vapor beneath the subject site. The VIRE included the evaluation of potential health risks to hypothetical on-site workers.
- Based upon the available data, although it is extremely unlikely that significant vapors will enter the on-site proposed building, a conservative fate and transport model was used to simulate potential VOC concentrations that may result in chemical volatilization. The modeling parameters used in the VIRE were conservative in order not to underestimate potential risks.
- The VIRE is provided in Appendix A.

CONCLUSIONS

Based on the findings and conclusions documented in the VIRE, the following conclusions are provided:

- Based on the results of the VIRE, it does not appear that installation of a vapor barrier is warranted for the subject site building.
- Results of the VIRE indicate that the potential VOC sources under the subject site may produce vapors that could impact ambient air. Results of the VIRE also indicate that chemicals detected under the subject site are not carcinogenic and are at concentrations that do not pose a health threat to on-site workers.
- Using the maximum concentrations of VOCs detected in soil vapor samples collected by Krazan, the Hazard Index estimated to result from exposure to indoor air ranged from a high of 0.2 for sampling location SV-5 to a low of 0.03 for sampling locations SV-1 and SV-2. According to Department of Toxic Substances Control (DTSC) guidance, if the Hazard Index is less than 1.0, there is no concern for non-cancer adverse health effects from the chemical exposures. Since the estimated Hazard Indices at the site are all less than 1.0, the chemicals present in soil vapor beneath the site apparently do not pose a threat to future building occupants and on-site workers.

LIMITATIONS

This VIRE was based on conservative (health protective) assumptions, estimates, models, and parameters. Therefore, the results are not absolute estimates of health risks at the subject site, but are health-protective estimates. Please refer to the VIRE report for further limitations.

The VIRE and this report were authorized by and prepared for the exclusive use of our Client. Unauthorized use of or reliance on the information contained in this report without the express written consent of Krazan & Associates, Inc. is strictly prohibited.

CLOSING

We appreciate the opportunity to be of service to USA Properties Fund, Inc. If you have any questions, or if we can be of further assistance, please feel free to contact me at (559) 348-2200.

PROFESSIONAL GEOLOGIST
MICHAEL H. BOWERY
Exp. 5/31/16
No. 5027
STATE OF CALIFORNIA

Respectfully Submitted,
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Senior Project Manager

Arthur C. Farkas, REA 07818
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MB/ACF/apl

Attachments:
Appendix A – VIRE and Resume (Enviro-Tox Services, Inc.)

ENVIRO-TOX services, inc.

Technical Memorandum

Date: June 15, 2015

To: Mr. Michael H. Bowery
Senior Manager
Krazan & Associates, Inc.
215 West Dakota Avenue
Clovis, California 93612

cc:

From: Heriberto Robles, Ph.D., D.A.B.T.

Subject: ***Vapor Intrusion Risk Evaluation***
Santana Atrium
100 N. Winchester Boulevard
Santa Clara, California

At the request of Krazan & Associates, Inc. (Krazan), Enviro-Tox Services Inc. (ETSI) conducted a Vapor Intrusion Risk Evaluation (VIRE) for sampling locations within the proposed Santana Atrium site located at 100 N. Winchester Boulevard in Santa Clara, California. The purpose of the VIRE was to assess whether the presence of volatile organic compounds (VOCs) detected in soil gas at the Santana Atrium property are likely to exceed levels considered acceptable to California health and environmental protection agencies. The risk evaluation was based on soil gas analytical data collected at the site by Krazan on April 30, 2015. Soil gas analytical data collected at a depth of 5 feet below ground surface (bgs) is summarized in Table 1. As recommended by DTSC (2011) risk assessment guidance, the evaluation was conducted using the Johnson and Ettinger (J&E) model.

According to the results of the VIRE, the cancer risks and noncancer hazards estimated to result from unmitigated vapor intrusion into the Santana Atrium property are at or below the regulatory threshold values of one-in-a-million (1E-06) cancer risk and 1.0, respectively. No significant cancer risks or noncancer hazards are anticipated to occur as a result of residential exposures to detected concentrations of VOCs in soil gas at the site.

The conclusions and recommendations presented in this report are professional opinions based solely upon the data described in this report. They are intended exclusively for the purpose outlined herein and the Santana Atrium property's location and project indicated. The scope of services performed in execution of this investigation may not be appropriate to satisfy the needs of users other than Krazan. Any use or reuse of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said user.

Given that the scope of services for this investigation was limited, and that conditions may vary between the points explored, it is possible that currently unrecognized subsurface contamination might be present at the subject property. Should site use or conditions change, the information and

conclusions in this report may no longer apply. Opinions relating to environmental and public health conditions are based on limited data and actual conditions may vary from those encountered at the times and locations where data were obtained. No express or implied representation or warranty is included or intended in this report except that the work was performed within the limits prescribed by the Client with the customary thoroughness and competence of professionals working in the same area on similar projects.

Vapor Intrusion Risk Evaluation Methodology

Risk characterization involves estimating the magnitude of the potential adverse health effects that could occur as a result of chronic, long-term exposure to chemicals identified in soil gas at the site and its immediate vicinity. The risk characterization is based on the results of the dose-response (toxicity) and exposure assessment.

It is known that chemicals may migrate through environmental media from their source to a point where human receptors may be exposed. Therefore, it was necessary to determine if the detected VOCs – given their residual concentrations, locations, soil physical characteristics, weather conditions, etc. – could potentially migrate up to the surface (where human receptors may be exposed).

Screening-level models were used to predict indoor air concentrations that may result from the chemical vapors potentially released from soil gas under the site and its immediate vicinity. The estimated vapor flux and indoor air concentrations were then used to estimate potential health risks that may result from onsite exposures. For purposes of this evaluation, it was assumed that the land use would be residential. The only exposure pathway that was considered to be complete was the volatilization of VOCs from soil gas and the subsequent emission to indoor air.

The potential migration of VOC vapors into indoor air was estimated using the Johnson and Ettinger (J&E) model (1991), modified to incorporate DTSC toxicity values (SG-SCREEN, DTSC Version 2.0-last modified December 2014). Copies of the J&E models used in the evaluation are included in Attachment A. The estimated VOC flux and ambient concentrations were then used to estimate potential health risks and hazards that may result from site exposure to estimated VOC concentrations in indoor air. The J&E model is based on the following assumptions:

- Chemical-containing soil-gas occur at a defined and constant depth of 5 feet bgs.
- The gas-phase chemical migrates vertically through soil pore space up to the ground surface by steady-state diffusion.
- The soil between the chemical sources and the ground surface is assumed to be homogeneous.
- Vapor diffusion is described by a single chemical-specific effective diffusion coefficient.
- No retardation of the soil vapor occurs as the chemical migrates from soil gas sources up to the ground surface.
- Vapor migrates through cracks in the building foundation and mixes instantaneously with indoor air resulting in an ambient indoor air concentration.

The method assumes that the source chemical concentrations do not decrease over time (i.e.; no mass depletion) and the depth to the top of the chemical sources remain constant, which results in an overestimate of long-term exposure effects.

The J&E model was run using default soil physical parameters as recommended by the DTSC (2011). Soils at the site have been described as silty clayey soils. Copies of Krazan's Boring Logs are included in Attachment B. Default soil physical parameters for silty clayey soils were obtained from the J&E VLOOKUP table.

The J&E model assumes that the concentrations in indoor air are proportional to the flux throughout the soil column, and that a gas infiltrating into the building through the foundation floor is uniformly and instantaneously mixed within the air space above the lowest occupied floor of the building. Because this model ignores a number of possible attenuating factors, it is likely that it over-predicts the chemical flux to indoor air. However, because of its simplicity, this approach provides a simple method to estimate the likely maximum rate at which chemicals would be transported to the surface soils and into a building. A copy of the J&E model used is included in Attachment A.

The indoor air chemical concentrations estimated to result from the volatilization of VOCs could be considered to represent a "worst-case" estimate. In the calculations it was assumed that single chemical compounds are volatilizing, traveling alone through the vadose zone and escaping to ambient air. In reality, all chemicals detected at the site and its immediate vicinity are competing with each other for available soil-pore space. It is well known that chemical volatilization and migration is limited by the vapor saturation in the vadose zone.

Given the variable chemical composition and concentrations found in all the sampling points and at different depths, the soil gas VOC data was not pooled and averaged to obtain a "site wide" VOC exposure point concentration. Instead, it was assumed that VOC vapors could migrate vertically and impact indoor air directly above the area where those VOCs were detected. For this evaluation, potential vapor emissions and associated health risks and hazards were estimated separately for each sampling point and sampling depth.

The J&E model contains a module for estimating potential doses as well as cancer risks and health hazards associated with a given dose. For this assessment, the J&E model was used to estimate the potential health risks and hazards associated with indoor VOC exposures. For each chemical detected, a soil gas chemical concentration of one microgram per liter (1 ug/L) was used as the subsurface soil gas chemical concentration. The estimated "cancer risk per unit concentration" factors were used to estimate potential cancer risks associated with chemicals detected in soil gas. "Hazard quotients per unit concentration" factors were also estimated for each VOC detected in soil gas samples. These "hazard quotients per unit concentration" factors were used to estimate hazard quotients associated with each VOC detected in soil gas at the site. Estimated cancer risks (and hazard quotients) per unit factors for VOCs detected at a depth of 5 feet bgs are presented in Table 2. Supporting calculations are presented in Attachment A.

Point-by-point cancer risk evaluations for all sampling points were obtained by multiplying the cancer unit risk factors by its corresponding soil gas chemical concentration to obtain the cancer risk for each chemical and sampling point. Similarly, point-by-point hazard quotients for all sampling points were obtained by multiplying the hazard quotient per unit concentration factors by its

corresponding soil gas chemical concentration to obtain the hazard quotient each chemical and sampling point. The Hazard Indices (sum of all hazard quotients for individual chemicals) were obtained by adding all hazard quotients in each individual soil gas sample.

The estimated cancer risks were compared to the risk level considered acceptable by federal and state regulatory agencies. The U.S. Environmental Protection Agency has established acceptable incremental cancer risk levels to be within the risk range of 1 in 10,000 (1.0E-04) and 1.0E-06; risks greater than 1.0E-04 are generally considered unacceptable. The California Environmental Protection Agency has defined a risk of 1 in 100,000 (1.0E-05) as the "no significant risk level" for carcinogens under California's Safe Drinking Water and Toxic Enforcement Act (Proposition 65). Further, most California air districts use the 1.0E-05 risk level as the notification trigger level under California's AB2588 Toxic Hot Spots Program. Thus, although agencies will exercise caution in determining whether risks within the range of 1.0E-04 and 1.0E-06 require additional investigation or some form of risk management, there is a general precedent that predicted cancer risks that are on the low end of this range will generally be considered acceptable and not warrant further evaluation.

Vapor Intrusion Risk Evaluation Results

The health risk evaluation presented in this memorandum evaluated the potential health risks posed by the presence of VOCs detected in soil gas under the site. The assessment included the evaluation of potential health risks to future residential receptors. In this evaluation it was assumed that future adult and child residential receptors would be exposed to chemical vapors that may enter their residences through the building foundation. Although it is extremely unlikely that significant amounts of vapors will enter the future residential buildings, a conservative fate and transport model was used to simulate potential concentrations that may result from chemical volatilization. The modeling parameters and assumptions used in this assessment were conservative in order not to underestimate potential risks.

The estimated point-by-point cancer risks for VOCs detected at a depth of 5 feet bgs are summarized in Table 3. The estimated cancer risks range from a high of 1E-06 for sampling location SV-5 to a low of 2E-07 for sampling location SV-1 (Table 3). All the estimated incremental cancer risks are within levels considered acceptable for unrestricted, residential land use.

For each sampling point, chemical and depth evaluated, the hazard quotient per sample was obtained by multiplying the hazard quotient per unit concentration by the chemical concentration detected in the sample to obtain the hazard quotient for each chemical detected. The point-by-point Hazard Index was obtained by adding the hazard quotients estimated for each chemical in the sample. Estimated "point-by-point" Hazard Indices for VOCs detected at a depth of 5 feet bgs are summarized in Table 4. The estimated Hazard Indices range from a high of 0.2 for sampling location SV-5 to a low of 0.03 for sampling locations SV-1 and SV-2 (Table 4).

The estimated hazard quotients were compared to an acceptable hazard level. Implicit in the calculation is the assumption of a threshold level of exposure below which no adverse effects are expected to occur. For example, hazard quotients equal to or less than 1.0 indicate that no adverse health effects are expected to occur from exposure to chemicals at the site. All estimated hazard quotients were below 1.0 (Table 4), which indicates exposure to VOCs detected under the site do not represent a health hazard to future onsite residents.

The results are based on multiple health-protective assumptions. For example, it was assumed that a VOC source is located under an habitable building and that future onsite residents will be exposed to VOCs in indoor air. The existing source of VOC was also assumed to be large and strong enough to continuously release VOC vapors for up to 26 years.

Conclusions and Recommendations

Results of the VIRE indicate that the potential VOC sources under the site may produce vapors that could impact ambient air. Results of the VIRE also indicate that the probability of developing cancer as a result of exposures to indoor air at the Site are equal to or below one-in-a-million. This estimated cancer risks is well below the known cancer risk for the U.S. population and is considered acceptable California health and environmental protection agencies. Similarly, the estimated Hazard Indices are well below the hazard quotient of 1.0, which is considered acceptable to the California Environmental Protection Agency. In other words, no significant cancer risks or health hazards are anticipated to occur as a result of future residential exposures to chemicals detected in soil gas under the site.

It should be noted that the VIRE was based on conservative (health-protective) assumptions, estimates, models, and parameters. Therefore, the results are not absolute estimates of health risks at the Site, but are health-protective estimates.

The conclusions and recommendations presented in this report are professional opinions based solely upon the data described in this report. They are intended exclusively for the purpose outlined herein and the Santana Atrium property's location and project indicated. The scope of services performed in execution of this investigation may not be appropriate to satisfy the needs of users other than Krazan. Any use or reuse of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said user.

Given that the scope of services for this investigation was limited, and that conditions may vary between the points explored, it is possible that currently unrecognized subsurface contamination may be present at the subject property. Should site use or conditions change, the information and conclusions in this report may no longer apply. Opinions relating to environmental and public health conditions are based on limited data and actual conditions may vary from those encountered at the times and locations where data were obtained. No express or implied representation or warranty is included or intended in this report except that the work was performed within the limits prescribed by the Client with the customary thoroughness and competence of professionals working in the same area on similar projects.

Attachments

Table 1. Volatile Organic Compounds Detected in Soil Vapor at a Depth of 5 Feet Below Ground Surface

Table 2. Estimated Incremental Cancer Risks and Hazard Quotients per Unit Concentration, VOCs Detected at a Depth of 5 Feet Below Ground Surface

Table 7. Estimated Cancer Risks per Sampling Location

Table 10. Estimated Hazard Quotient per Sampling Location

Attachment A – Johnson and Ettinger Model (SG-SCREEN, DTSC Version 2.0-Last Modified December 2014).

Attachment B – Krazan & Associates, Inc. Boring Logs

References

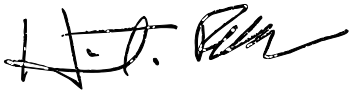
California Department of Toxic Substances Control (DTSC). 2011. Interim Final, Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air. February.

California Department of Toxic Substances Control (DTSC). 2013. Preliminary Endangerment Assessment Guidance Manual. State of California Environmental Protection Agency, Sacramento, California.

Johnson, P. C. and R. A. Ettinger. 1991. Heuristic Model for Predicting the Intrusion Rate of Contaminant Vapors into Buildings. Environmental Science and Technology 25:1445-1452.

This memorandum was prepared by:

Enviro-Tox Services, Inc.



Heriberto Robles, Ph. D., D.A.B.T.
Principal Toxicologist

Tables

Table 1
Volatile Organic Compounds Detected in Soil Vapor at a Depth of 5 Feet Below Ground Surface
100 N. Winchester Boulevard
Santa Clara, California

Volatile Organic Compounds	Units	Sample ID							
		SV-1	SV-2	SV-3	SV-4	SV-5	SV-6	SV-7	SV-8
1,2,4-Trimethylbenzene	ug/m^3	7.5	<5.6	170	11	13	56	10	6.4
1,3,5-Trimethylbenzene	ug/m^3	<5.0	<5.6	100	7.6	7.3	46	5.7	<5.0
2-Butanone	ug/m^3	17	46	14	21	44	18	<15	17
4-Ethyltoluene	ug/m^3	<5.0	<5.0	<5.0	<5.0	<5.0	11	<5.0	<5.0
Acetone	ug/m^3	48	97	59	68	110	49	47	47
Benzene	ug/m^3	23	39	47	19	20	4.4	6.2	6.9
Chloroform	ug/m^3	<5.0	<5.0	7	<5.0	<5.0	<5.0	<5.0	<5.0
Cyclohexane	ug/m^3	<3.5	29	29	13	21	<3.5	8.9	9.3
Ethylbenzene	ug/m^3	<4.4	<4.4	49	4.9	4.6	35	<4.4	<4.4
Heptane	ug/m^3	24	37	25	15	19	6.9	8	5.8
Hexane	ug/m^3	16	27	25	38	59	58	15	6.2
Isopropyl alcohol	ug/m^3	39	<13	<13	<13	46	35	30	30
Tetrachloroethylene	ug/m^3	<6.9	8.8	200	97	270	380	300	240
Tetrahydrofuran	ug/m^3	<3.0	13	4.3	7.8	13	7	6.6	4.9
Toluene	ug/m^3	23	35	82	21	21	9.1	9.5	7.3
Trichloroethylene	ug/m^3	84	81	280	200	790	410	370	310
Xylenes, total	ug/m^3	12	12	225	21.5	21.4	84	12	<8.8

Notes:
Only those VOCs detected are shown
<X = Not Detected above Reporting Limit of X.
ug/m^3 = Micrograms per cubic meter

Table 2
Estimated Indoor Air Exposure Point Concentrations
For VOCs Detected at a Depth of 5 Feet Below Ground Surface
100 N. Winchester Boulevard
Santa Clara, California

Chemical of Potential Concern (COPC)	CAS Number	Maximum Detected Soil Gas Concentration (µg/L)	Estimated Indoor Chemical Air Concentration (ug/m^3)	Cancer Risk Unit Factor (Risk/ug/L)	Hazard Quotient Unit Factor (Hazard / ug/L)
1,2,4-Trimethylbenzene	95636	1	5.30E-01	NA	7.3E-02
1,3,5-Trimethylbenzene	108678	1	5.27E-01	NA	1.4E-02
2-Butanone	78933	1	7.33E-01	NA	1.4E-04
4-Ethyltoluene	95476	1	5.85E-01	NA	5.6E-03
Acetone	67641	1	8.19E-01	NA	2.5E-05
Benzene	71432	1	7.10E-01	7.3E-06	2.3E-01
Chloroform	67663	1	6.36E-01	5.2E-06	6.2E-03
Cyclohexane	110827	1	6.54E-01	NA	1.0E-04
Ethylbenzene	100414	1	5.82E-01	5.2E-07	5.6E-04
Heptane	110543	1	6.12E-01	NA	8.4E-04
Hexane	110543	1	6.12E-01	NA	8.4E-04
Isopropyl alcohol	78831	1	7.84E-01	NA	7.2E-04
Tetrachloroethylene	127184	1	4.58E-01	9.6E-07	1.3E-02
Tetrahydrofuran	109999	1	7.53E-01	NA	3.6E-04
Toluene	108883	1	6.41E-01	NA	2.0E-03
Trichloroethylene	79016	1	5.84E-01	8.5E-07	2.8E-01
Xylenes, total	95476	1	5.85E-01	NA	5.6E-03

Notes:

µg/L = micrograms per liter
NA = Not applicable or not available

Table 3
Estimated Cancer Risk per Sampling Location
Residential Exposure Scenario
100 N. Winchester Boulevard
Santa Clara, California

Sample Location	Volatile Organic Compounds (ug/L)																	**Total Cancer Risk per Sample Location**
	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	4-Ethyltoluene	Acetone	Benzene	Chloroform	Cyclohexane	Ethylbenzene	Heptane	Hexane	Isopropyl alcohol	Tetrachloroethylene	Tetrahydrofuran	Toluene	Trichloroethylene	Xylenes, total	
Cancer Risk Transfer Factor (risk/ug/L)	NA	NA	NA	NA	NA	7.3E-06	5.2E-06	NA	5.2E-07	NA	NA	NA	9.6E-07	NA	NA	8.5E-07	NA	
SV-1	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	2.E-07	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	7.E-08	0.E+00	**2.E-07**
SV-2	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	3.E-07	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	8.E-09	0.E+00	0.E+00	7.E-08	0.E+00	**4.E-07**
SV-3	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	3.E-07	4.E-08	0.E+00	3.E-08	0.E+00	0.E+00	0.E+00	2.E-07	0.E+00	0.E+00	2.E-07	0.E+00	**8.E-07**
SV-4	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	1.E-07	0.E+00	0.E+00	3.E-09	0.E+00	0.E+00	0.E+00	9.E-08	0.E+00	0.E+00	2.E-07	0.E+00	**4.E-07**
SV-5	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	1.E-07	0.E+00	0.E+00	2.E-09	0.E+00	0.E+00	0.E+00	3.E-07	0.E+00	0.E+00	7.E-07	0.E+00	**1.E-06**
SV-6	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	3.E-08	0.E+00	0.E+00	2.E-08	0.E+00	0.E+00	0.E+00	4.E-07	0.E+00	0.E+00	3.E-07	0.E+00	**8.E-07**
SV-7	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	5.E-08	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	3.E-07	0.E+00	0.E+00	3.E-07	0.E+00	**6.E-07**
SV-8	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	5.E-08	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	2.E-07	0.E+00	0.E+00	3.E-07	0.E+00	**5.E-07**

Notes:
risk/ug/L = Risk per microgram per liter
ug/L = Micrograms per liter

Table 4
Estimated Hazard Quotient per Sampling Location
Residential Exposure Scenario
100 N. Winchester Boulevard
Santa Clara, California

Sample Location	Volatile Organic Compounds (ug/L)																	**Hazard Indices per Sample Location**
	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	4-Ethyltoluene	Acetone	Benzene	Chloroform	Cyclohexane	Ethylbenzene	Heptane	Hexane	Isopropyl alcohol	Tetrachloroethylene	Tetrahydrofuran	Toluene	Trichloroethylene	Xylenes, total	
Hazard Quotient Transfer Factor (HI/ug/L)	7.3E-02	1.4E-02	1.4E-04	5.6E-03	2.5E-05	2.3E-01	6.2E-03	1.0E-04	5.6E-04	8.4E-04	8.4E-04	7.2E-04	1.3E-02	3.6E-04	2.0E-03	2.8E-01	5.6E-03	
SV-1	5.E-04	0.E+00	2.E-06	0.E+00	1.E-06	5.E-03	0.E+00	0.E+00	0.E+00	2.E-05	1.E-05	3.E-05	0.E+00	0.E+00	5.E-05	2.E-02	7.E-05	**3.E-02**
SV-2	0.E+00	0.E+00	6.E-06	0.E+00	2.E-06	9.E-03	0.E+00	3.E-06	0.E+00	3.E-05	2.E-05	0.E+00	1.E-04	5.E-06	7.E-05	2.E-02	7.E-05	**3.E-02**
SV-3	1.E-02	1.E-03	2.E-06	0.E+00	1.E-06	1.E-02	4.E-05	3.E-06	3.E-05	2.E-05	2.E-05	0.E+00	3.E-03	2.E-06	2.E-04	8.E-02	1.E-03	**1.E-01**
SV-4	8.E-04	1.E-04	3.E-06	0.E+00	2.E-06	4.E-03	0.E+00	1.E-06	3.E-06	1.E-05	3.E-05	0.E+00	1.E-03	3.E-06	4.E-05	6.E-02	1.E-04	**6.E-02**
SV-5	9.E-04	1.E-04	6.E-06	0.E+00	3.E-06	5.E-03	0.E+00	2.E-06	3.E-06	2.E-05	5.E-05	3.E-05	3.E-03	5.E-06	4.E-05	2.E-01	1.E-04	**2.E-01**
SV-6	4.E-03	7.E-04	3.E-06	6.E-05	1.E-06	1.E-03	0.E+00	0.E+00	2.E-05	6.E-06	5.E-05	3.E-05	5.E-03	3.E-06	2.E-05	1.E-01	5.E-04	**1.E-01**
SV-7	7.E-04	8.E-05	0.E+00	0.E+00	1.E-06	1.E-03	0.E+00	9.E-07	0.E+00	7.E-06	1.E-05	2.E-05	4.E-03	2.E-06	2.E-05	1.E-01	7.E-05	**1.E-01**
SV-8	5.E-04	0.E+00	2.E-06	0.E+00	1.E-06	2.E-03	0.E+00	1.E-06	0.E+00	5.E-06	5.E-06	2.E-05	3.E-03	2.E-06	1.E-05	9.E-02	0.E+00	**9.E-02**

Notes:
HI/ug/L = Hazard index per microgram per liter
ug/L = Micrograms per liter

Attachment A

Johnson and Ettinger Model (SG-SCREEN, DTSC Version 2.0-Last Modified December 2014

USEPA SG-SCREEN
Version 2.0, 04/2003

DTSC Modification
December 2014

Department of Toxic Substances Control
Vapor Intrusion Screening Model - Soil Gas

DATA ENTRY SHEET

Reset to Defaults

Land Use: Residential

Exposure Scenario: For VOCs Detected at a Depth of 5 Feet Below Ground Surface

Soil Gas Concentration Data

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Soil gas conc., C_g ($\mu g/m^3$)	OR	ENTER Soil gas conc., C_g (ppmv)	Chemical
95636	1.00E+03			1,2,4-Trimethylbenzene
108678	1.00E+03			1,3,5-Trimethylbenzene
78933	1.00E+03			Methylethylketone (2-butanone)
95476	1.00E+03			o-Xylene
67641	1.00E+03			Acetone
71432	1.00E+03			Benzene
67663	1.00E+03			Chloroform
110827	1.00E+03			Cyclohexane
100414	1.00E+03			Ethylbenzene
110543	1.00E+03			Hexane
110543	1.00E+03			Hexane
78831	1.00E+03			Isobutanol
127184	1.00E+03			Tetrachloroethylene
109999	1.00E+03			Tetrahydrofuran
108883	1.00E+03			Toluene
79016	1.00E+03			Trichloroethylene
95476	1.00E+03			o-Xylene

Results Summary

Chemical	Soil Gas Conc. ($\mu g/m^3$)	Attenuation Factor (unitless)	Indoor Air Conc. ($\mu g/m^3$)	Cancer Risk (unitless)	Noncancer Hazard (unitless)
1,2,4-Trimethylbenzene	1.00E+03	5.3E-04	5.3E-01	NA	7.3E-02
1,3,5-Trimethylbenzene	1.00E+03	5.3E-04	5.3E-01	NA	1.4E-02
Methylethylketone (2-butanone)	1.00E+03	7.3E-04	7.3E-01	NA	1.4E-04
o-Xylene	1.00E+03	5.9E-04	5.9E-01	NA	5.6E-03
Acetone	1.00E+03	8.2E-04	8.2E-01	NA	2.5E-05
Benzene	1.00E+03	7.1E-04	7.1E-01	7.3E-06	2.3E-01
Chloroform	1.00E+03	6.4E-04	6.4E-01	5.2E-06	6.2E-03
Cyclohexane	1.00E+03	6.5E-04	6.5E-01	NA	1.0E-04
Ethylbenzene	1.00E+03	5.8E-04	5.8E-01	5.2E-07	5.6E-04
Hexane	1.00E+03	6.1E-04	6.1E-01	NA	8.4E-04
Hexane	1.00E+03	6.1E-04	6.1E-01	NA	8.4E-04
Isobutanol	1.00E+03	7.8E-04	7.8E-01	NA	7.2E-04
Tetrachloroethylene	1.00E+03	4.6E-04	4.6E-01	9.6E-07	1.3E-02
Tetrahydrofuran	1.00E+03	7.5E-04	7.5E-01	NA	3.6E-04
Toluene	1.00E+03	6.4E-04	6.4E-01	NA	2.0E-03
Trichloroethylene	1.00E+03	5.8E-04	5.8E-01	8.5E-07	2.8E-01
o-Xylene	1.00E+03	5.9E-04	5.9E-01	NA	5.6E-03

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (15 or 200 cm)	ENTER Soil gas sampling depth below grade, L_s (cm)	ENTER Average soil temperature, T_S (°C)	ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vadose zone soil vapor permeability, k_v (cm^2)
15	152.4	24	SIC		

MORE ↓

ENTER Vandose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^A (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
SIC	1.38	0.481	0.216	5

MORE ↓

Lookup Receptor Parameters

	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Exposure Time ET (hrs/day)	ENTER Air Exchange Rate ACH $(hour)^{-1}$	ENTER Ceiliing Height CH (cm)
EW=> Residential	70	26	26	350	24	0.5	244
					(NEW)	(NEW)	(= **8.0** feet)

END

CAS	Chemical	Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H (atm-m^3/mol)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Unit risk factor, URF ($\mu g/m^3)^{-1}$
95636	1,2,4-Trimethylbenzene	6.07E-02	7.92E-06	6.16E-03	25	9,369	442.30	649.17	0.0E+00
108678	1,3,5-Trimethylbenzene	6.02E-02	7.84E-06	8.77E-03	25	9,321	437.89	637.25	0.0E+00
78933	Methylethylketone (2-butanone	9.14E-02	1.02E-05	5.69E-05	25	7,481	352.50	536.78	0.0E+00
95476	o-Xylene	6.89E-02	8.53E-06	5.18E-03	25	8,661	417.60	630.30	0.0E+00
67641	Acetone	1.06E-01	1.15E-05	3.50E-05	25	6,955	329.20	508.10	0.0E+00
71432	Benzene	8.95E-02	1.03E-05	5.55E-03	25	7,342	353.24	562.16	2.9E-05
67663	Chloroform	7.69E-02	1.09E-05	3.67E-03	25	6,988	334.32	536.40	2.3E-05
110827	Cyclohexane	8.00E-02	9.11E-06	1.50E-01	25	7,154	353.70	553.40	0.0E+00
100414	Ethylbenzene	6.85E-02	8.46E-06	7.88E-03	25	8,501	409.34	617.20	2.5E-06
110543	Hexane	7.31E-02	8.17E-06	1.80E+00	25	6,895	341.70	508.00	0.0E+00
110543	Hexane	7.31E-02	8.17E-06	1.80E+00	25	6,895	341.70	508.00	0.0E+00
78831	Isobutanol	8.97E-02	1.00E-05	9.78E-06	25	10,936	381.04	547.78	0.0E+00
127184	Tetrachloroethylene	5.05E-02	9.46E-06	1.77E-02	25	8,288	394.40	620.20	5.9E-06
109999	Tetrahydrofuran	9.54E-02	1.08E-05	7.05E-05	25	7,074	339.00	541.00	0.0E+00
108883	Toluene	7.78E-02	9.20E-06	6.64E-03	25	7,930	383.78	591.79	0.0E+00
79016	Trichloroethylene	6.87E-02	1.02E-05	9.85E-03	25	7,505	360.36	544.20	4.1E-06
95476	o-Xylene	6.89E-02	8.53E-06	5.18E-03	25	8,661	417.60	630.30	0.0E+00

Land Use: Residential

Exposure Scenario: For VOCs Detected at a Depth of 5 Feet Below Ground Surface

CAS	Chemical	Reference conc., RfC (mg/m^3)	Molecular weight, MW (g/mol)	Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)
95636	1,2,4-Trimethylbenzene	7.0E-03	120.20	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09
108678	1,3,5-Trimethylbenzene	3.5E-02	120.20	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09
78933	Methylethylketone (2-butanone	5.0E+00	72.11	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09
95476	o-Xylene	1.0E-01	106.17	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09
67641	Acetone	3.1E+01	58.08	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09
71432	Benzene	3.0E-03	78.11	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09
67663	Chloroform	9.8E-02	119.38	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09
110827	Cyclohexane	6.0E+00	84.16	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09
100414	Ethylbenzene	1.0E+00	106.17	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09
110543	Hexane	7.0E-01	86.18	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09
110543	Hexane	7.0E-01	86.18	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09
78831	Isobutanol	1.1E+00	74.12	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09
127184	Tetrachloroethylene	3.5E-02	165.83	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09
109999	Tetrahydrofuran	2.0E+00	72.11	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09
108883	Toluene	3.0E-01	92.14	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09
79016	Trichloroethylene	2.0E-03	131.39	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09
95476	o-Xylene	1.0E-01	106.17	137.4	0.265	0.284	1.52E-09	0.844	1.28E-09

Land Use: Residential

Exposure Scenario: For VOCs Detected at a Depth of 5 Feet Below Ground Surface

CAS	Chemical	Floor-wall seam perimeter, X_{crack} (cm)	Soil gas conc. ($\mu g/m^3$)	Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. soil temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. soil temperature, H_{TS} ($atm\text{-}m^3/mol$)
95636	1,2,4-Trimethylbenzene	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	11,516	5.77E-03
108678	1,3,5-Trimethylbenzene	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	11,495	8.22E-03
78933	Methylethylketone (2-butanone	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	8,244	5.43E-05
95476	o-Xylene	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	10,245	4.89E-03
67641	Acetone	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	7,384	3.36E-05
71432	Benzene	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	7,977	5.30E-03
67663	Chloroform	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	7,407	3.52E-03
110827	Cyclohexane	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	7,819	1.43E-01
100414	Ethylbenzene	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	9,994	7.45E-03
110543	Hexane	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	7,549	1.72E+00
110543	Hexane	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	7,549	1.72E+00
78831	Isobutanol	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	12,866	9.09E-06
127184	Tetrachloroethylene	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	9,410	1.68E-02
109999	Tetrahydrofuran	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	7,553	6.75E-05
108883	Toluene	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	9,001	6.31E-03
79016	Trichloroethylene	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	8,382	9.39E-03
95476	o-Xylene	4,000	1.00E+03	3.39E+04	1.00E+06	5.00E-03	15	10,245	4.89E-03

Land Use: Residential

Exposure Scenario: For VOCs Detected at a Depth of 5 Feet Below Ground Surface

CAS	Chemical	Henry's law constant at ave. soil temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)
95636	1,2,4-Trimethylbenzene	2.37E-01	1.80E-04	3.15E-03	137.4	15	1.00E+03	1.25	8.33E+01	3.15E-03
108678	1,3,5-Trimethylbenzene	3.37E-01	1.80E-04	3.13E-03	137.4	15	1.00E+03	1.25	8.33E+01	3.13E-03
78933	Methylethylketone (2-butanone	2.23E-03	1.80E-04	4.87E-03	137.4	15	1.00E+03	1.25	8.33E+01	4.87E-03
95476	o-Xylene	2.00E-01	1.80E-04	3.58E-03	137.4	15	1.00E+03	1.25	8.33E+01	3.58E-03
67641	Acetone	1.38E-03	1.80E-04	5.72E-03	137.4	15	1.00E+03	1.25	8.33E+01	5.72E-03
71432	Benzene	2.18E-01	1.80E-04	4.65E-03	137.4	15	1.00E+03	1.25	8.33E+01	4.65E-03
67663	Chloroform	1.44E-01	1.80E-04	3.99E-03	137.4	15	1.00E+03	1.25	8.33E+01	3.99E-03
110827	Cyclohexane	5.88E+00	1.80E-04	4.15E-03	137.4	15	1.00E+03	1.25	8.33E+01	4.15E-03
100414	Ethylbenzene	3.05E-01	1.80E-04	3.55E-03	137.4	15	1.00E+03	1.25	8.33E+01	3.55E-03
110543	Hexane	7.07E+01	1.80E-04	3.79E-03	137.4	15	1.00E+03	1.25	8.33E+01	3.79E-03
110543	Hexane	7.07E+01	1.80E-04	3.79E-03	137.4	15	1.00E+03	1.25	8.33E+01	3.79E-03
78831	Isobutanol	3.73E-04	1.80E-04	5.36E-03	137.4	15	1.00E+03	1.25	8.33E+01	5.36E-03
127184	Tetrachloroethylene	6.88E-01	1.80E-04	2.62E-03	137.4	15	1.00E+03	1.25	8.33E+01	2.62E-03
109999	Tetrahydrofuran	2.77E-03	1.80E-04	5.05E-03	137.4	15	1.00E+03	1.25	8.33E+01	5.05E-03
108883	Toluene	2.59E-01	1.80E-04	4.04E-03	137.4	15	1.00E+03	1.25	8.33E+01	4.04E-03
79016	Trichloroethylene	3.85E-01	1.80E-04	3.56E-03	137.4	15	1.00E+03	1.25	8.33E+01	3.56E-03
95476	o-Xylene	2.00E-01	1.80E-04	3.58E-03	137.4	15	1.00E+03	1.25	8.33E+01	3.58E-03

Land Use: Residential

Exposure Scenario: For VOCs Detected at a Depth of 5 Feet Below Ground Surface

CAS	Chemical	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)	Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
95636	1,2,4-Trimethylbenzene	5.00E+03	9.59E+22	**5.30E-04**	5.30E-01	NA	7.0E-03	**NA**	**7.3E-02**
108678	1,3,5-Trimethylbenzene	5.00E+03	1.43E+23	**5.27E-04**	5.27E-01	NA	3.5E-02	**NA**	**1.4E-02**
78933	Methylethylketone (2-butanone	5.00E+03	7.52E+14	**7.33E-04**	7.33E-01	NA	5.0E+00	**NA**	**1.4E-04**
95476	o-Xylene	5.00E+03	1.71E+20	**5.85E-04**	5.85E-01	NA	1.0E-01	**NA**	**5.6E-03**
67641	Acetone	5.00E+03	4.60E+12	**8.19E-04**	8.19E-01	NA	3.1E+01	**NA**	**2.5E-05**
71432	Benzene	5.00E+03	3.75E+15	**7.10E-04**	7.10E-01	2.9E-05	3.0E-03	**7.3E-06**	**2.3E-01**
67663	Chloroform	5.00E+03	1.33E+18	**6.36E-04**	6.36E-01	2.3E-05	9.8E-02	**5.2E-06**	**6.2E-03**
110827	Cyclohexane	5.00E+03	2.76E+17	**6.54E-04**	6.54E-01	NA	6.0E+00	**NA**	**1.0E-04**
100414	Ethylbenzene	5.00E+03	2.34E+20	**5.82E-04**	5.82E-01	2.5E-06	1.0E+00	**5.2E-07**	**5.6E-04**
110543	Hexane	5.00E+03	1.20E+19	**6.12E-04**	6.12E-01	NA	7.0E-01	**NA**	**8.4E-04**
110543	Hexane	5.00E+03	1.20E+19	**6.12E-04**	6.12E-01	NA	7.0E-01	**NA**	**8.4E-04**
78831	Isobutanol	5.00E+03	3.23E+13	**7.84E-04**	7.84E-01	NA	1.1E+00	**NA**	**7.2E-04**
127184	Tetrachloroethylene	5.00E+03	4.31E+27	**4.58E-04**	4.58E-01	5.9E-06	3.5E-02	**9.6E-07**	**1.3E-02**
109999	Tetrahydrofuran	5.00E+03	2.10E+14	**7.53E-04**	7.53E-01	NA	2.0E+00	**NA**	**3.6E-04**
108883	Toluene	5.00E+03	8.37E+17	**6.41E-04**	6.41E-01	NA	3.0E-01	**NA**	**2.0E-03**
79016	Trichloroethylene	5.00E+03	2.04E+20	**5.84E-04**	5.84E-01	4.1E-06	2.0E-03	**8.5E-07**	**2.8E-01**
95476	o-Xylene	5.00E+03	1.71E+20	**5.85E-04**	5.85E-01	NA	1.0E-01	**NA**	**5.6E-03**

Land Use: Residential

Exposure Scenario: For VOCs Detected at a Depth of 5 Feet Below Ground Surface

Attachment B

Krazan & Associates, Inc. Boring Logs

Krazan	Client: USA Properties Fund, Inc. Project: 034-15013 Address: 100 N. Winchester, Santa Clara, CA	**BORING LOG** Boring No. B2 Page: 1 of 2

Hole Clear. Date:	**4/29/2015**	Boring Depth (ft):	**36**
Hole Clear. Company:	**PULS Geophysical, Inc.**	Boring Diameter (in):	**4.75**
Hole Clear. Method:	**GPR/Electromagnetic**	Sampling Method(s):	**SPT Sampler**
Drilling Start Date:	**4/29/2015**	Logged By:	**WA**
Drilling End Date:	**4/29/2015**	Boring Location (X):	
Drilling Company:	**Krazan & Associates, Inc.**	Boring Location (Y):	
Drilling Method:	**Solid Stem Auger**	Ground Surface Elev.:	

DEPTH (ft.)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Date & Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft.)
0								ASPHALTIC CONCRETE.			0
								BASE.			
								(11") Silty CLAY (CL); damp, dark brown. (FILL)			
								(2.5') Silty CLAY (CL/ML); stiff, damp, brown.			
5				SS	12:33	4 8 13		Very stiff below 5' bgs.			5
10				SS	12:39	10 11 17					10
15				SS	12:46	8 10 12					15
								(17.5') Clayey sandy SILT (ML); fine sand, medium dense, damp, brown.			
20											20

NOTES:

Krazan	Client: USA Properties Fund, Inc. Project: 034-15013 Address: 100 N. Winchester, Santa Clara, CA	**BORING LOG** Boring No. B2 Page: 2 of 2

Hole Clear. Date:	**4/29/2015**	Boring Depth (ft):	**36**
Hole Clear. Company:	**PULS Geophysical, Inc.**	Boring Diameter (in):	**4.75**
Hole Clear. Method:	**GPR/Electromagnetic**	Sampling Method(s):	**SPT Sampler**
Drilling Start Date:	**4/29/2015**	Logged By:	**WA**
Drilling End Date:	**4/29/2015**	Boring Location (X):	
Drilling Company:	**Krazan & Associates, Inc.**	Boring Location (Y):	
Drilling Method:	**Solid Stem Auger**	Ground Surface Elev.:	

DEPTH (ft.)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Date & Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	DEPTH (ft.)
20				SS	12:56	10 12 13					20
								(22.5') Clayey SAND (SC); fine grained, loose, moist, brown.			
25				SS	13:06	6 5 5					25
30				SS	13:17	10 10 9		(29.5') Clayey SAND (SC); with thin interbeds of Silty CLAY (CL), fine sand, medium dense, very moist, brown.			30
35				SS	13:35	6 7 21		(34.5') Gravelly SAND (SP); with trace fines, fine to coarse grained, dense, moist, brown.			35
40											40

NOTES:

HERIBERTO ROBLES, M.S., PH.D., D.A.B.T.

Board Certified Toxicologist

environmental toxicology
human and ecological risk assessment
risk-based corrective action
air quality
industrial health and safety

Dr. Robles is a Diplomate of the American Board of Toxicology (DABT) with 33 years of experience in environmental toxicology and human health and environmental risk assessment for industrial, real estate, and governmental clients. Dr. Robles has conducted, managed, and/or collaborated on numerous risk assessment projects at many sites including mining and military facilities, proposed public school sites, hazardous waste landfills, oil fields as well as commercial and industrial facilities. For example, Dr. Robles has evaluated the health hazards associated with the presence of radionuclides, perchlorate, dioxins/furans, petroleum hydrocarbons, volatile and semivolatile organics, polynuclear aromatics, PCBs, chlorinated solvents, pesticides, asbestos and metals in environmental media. Dr. Robles has also conducted health risk assessments for human exposure to bio-aerosols, radon gas and electromagnetic fields. Dr. Robles has provided litigation support and conducted toxicological evaluations of environmental and industrial chemicals and has communicated risk information to regulatory agencies and the general public. Dr. Robles has served as corporate environmental coordinator for a national pharmaceutical company, Director of Risk Assessment and Health and Safety programs for environmental consulting firms, Study Director in a contract toxicology laboratory, and Toxicology Consultant on a multinational scientific panel.

Dr. Robles is an experienced speaker on health risk assessment and environmental toxicology. He has given presentations at the *Seminario Internacional de Gestión Ambiental de Pasivos y Sitios Industriales* in Viña del Mar, Chile; Chilean Ministerio del Medio Ambiente (Ministry of the Environment); Water in Mining Conference 2012 in Santiago de Chile; at the Chilean National Mining Society (SONAMI); at the California Unified Program Annual Training Conference, the American Chemical Society's (ACS) National Meeting in San Francisco, California and New Orleans, Louisiana; Executive Enterprises' California Environmental Regulatory Course in Sacramento, California; the Air & Waste Management Association, West Coast Section, in San Francisco, California; the Association for the Environmental Health of Soils in San Diego and Oxnard, California; and, the Arizona Department of Environmental Quality in Phoenix, Arizona.

EDUCATION

Analyzing Risk: Science, Assessment, and Management. Harvard School of Public Health. Boston, Massachusetts. 2012.

RESidual RADioactive (RESRAD) Materials Fate-and-Transport Modeling and Risk Assessment. Argonne National Laboratory and U.S. Department of Energy. Argonne, Illinois. May 2011.

The Risk Communication Challenge. Harvard School of Public Health. Boston, Massachusetts. 2005.

Probabilistic Risk Analysis: Assessment, Management, and Communication. Harvard School of Public Health. Boston, Massachusetts. 2002

Mid-America Toxicology Course, Kansas City, Kansas: 1995

University of California at Irvine: Certificate in Hazardous Materials Management, 1991

Massachusetts Institute of Technology: Quantitative Risk Assessment for Environmental and Occupational Hazards, 1991

Postdoctoral Studies in Immuno-Toxicology, University of Texas at El Paso, 1986

New Mexico State University, Las Cruces, New Mexico: Ph.D. Animal Science and Toxicology, 1985

New Mexico State University, Las Cruces, New Mexico: M.S. Animal Science and Toxicology, 1983

Universidad de Sonora, Sonora, Mexico: B.S. Animal Science, 1980

REPRESENTATIVE EXPERIENCE

- **Project manager for a Human Health Risk Assessment** at a former oil refinery facility in Miri, Sarawak, Malaysia. The primary objective of the Risk Assessment was to evaluate the potential health risks and hazards posed by petroleum hydrocarbons and lead that were detected in shallow soils, groundwater and surface water at and around the site. Results of the Risk Assessment indicated that, in the absence of soil remediation, some site-related chemicals may be present at concentrations that could pose a health risk to hypothetical future onsite receptors including construction workers, adult and child residents, and future onsite workers. In anticipation of site remediation activities, Risk- Based Target Levels (RBTL) were developed for the Site. The RBTL's proved acceptable to the local environmental regulatory agency and were successfully implemented.

- **Lecturer.** Conducted a 32-hour intensive training in Environmental and Human Health Risk Assessment for technical personnel at the Chilean Ministry of the Environment (*Ministerio del Medio Ambiente, Gobierno de Chile*). The objective of the training seminar was to provide Ministry personnel with the tools necessary to conduct and review Health Risk Assessments for contaminated sites.

- **Expert witness.** Served as expert witness in the Golden Triangle Construction, Inc. v. Dynamic Sports Construction, Inc. case (District Court, Adams County, Colorado, Case No. 2009 CV 1425, Division A). Case involved alleged mercury vapor exposure associated with renovation of rubberized gym floor. Conducted mercury vapor exposure assessment and dose exposure reconstruction studies. Also conducted technical analysis of Industrial Hygiene reports and records, health risk assessment, and preparation of an exposure assessment report. The exposure assessment provided the basis of testimony in the areas of toxicology and occupational health.

- **Project manager responsible for preparing workplans** for site characterization, human and ecological risk assessments and site remediation of Peru's La Oroya Metallurgical Complex. Work was conducted at the request of Peru's *Empresa Minera del Centro del Peru, S.A. – Centromin.* Through implementation of the workplans, Centromin was seeking to define (1) the area currently impacted by emissions released to the air by the La Oroya Metallurgical Complex (LOMC); (2) current levels of contamination in soil that can be attributed to LOMC emissions; (3) the potential threats to human and ecological receptors posed by emissions residuals that can still be found in the environment within the affected area; and (4) remedial alternatives that could be implemented to mitigate or reduce potential health risks and hazards identified. Workplans were reviewed and approved by Peru's *Ministerio de Energia y Minas.*

- **Project manager for a Human Health and Ecological Risk Assessment** at an active military research facility located in central California. Environmental investigations conducted at the facility detected several chemicals including perchlorate, metals, nitrate, nitrite, energetics and trace levels of semi-volatile organic compounds in soil and shallow groundwater within discrete areas of the site. The objectives of the Risk Assessment were to (1) estimate the potential future risk to human health; (2) estimate the potential threat posed by site-related chemicals to ecological receptors; and, (3) develop site-specific, risk-based concentrations for the protection of human health and ecological receptors. Exposure pathways evaluated in this Risk Assessment for human receptors included (1) accidental ingestion of soil, (2) dermal contact with soil and dust, (3) inhalation of soil particles suspended in air, and (4) consumption of homegrown fruits and vegetables. Soil cleanup levels for protection of groundwater resources were also developed.

- **Toxicology Consultant** for the International Silva Reservoir Panel, Commission for Environmental Cooperation (CEC), Montreal, Quebec, Canada. The CEC was created by the North American Free Trade Agreement (NAFTA) to resolve environmental issues between countries participating in NAFTA. The panel of selected scientists from Canada, Mexico, and the United States was convened by the CEC to provide scientific and technical assessment related to the deaths of 40,000 waterfowl at a reservoir in Mexico.

- **Project manager for Human Health Risk Assessment.** Conducted a Human Health Risk Assessment for the Runkle Ranch property in Simi Valley, California. The Runkle Ranch property is located adjacent to the Santa Susana Field Laboratory (SSFL), a former nuclear reactor and rocket testing facility. The Runkle Ranch property was found to be contaminated with chemical and radioactive substances from the SSFL site. A home developer interested in developing the Runkle Ranch property for residential use commissioned the Risk Assessment study. The objective of the risk assessment was to determine whether the presence of chemical and radiological contaminants in soil represented a health risk to future occupants of the site. Results of the risk assessment showed that the property could be safely developed for residential use. The Simi Valley City Council approved a project to build 461 homes on the 1,595-acre property.

- **Project manager for Human Health and Environmental Risk Assessment** at a vacant 500+ acre property in Nevada surrounded by an industrial park, a former landfill, wastewater treatment ponds, and a residential development. Plans for development of the property included the construction of a retirement community and a golf course. Site assessments had identified the presence of radionuclides and trace amounts of industrial solvents and chlorinated hydrocarbons in soil and groundwater. The objective of the risk assessment was to evaluate whether the

presence of such chemicals in soil and groundwater represented a health risk to future occupants of the site. Results of the risk assessment showed that the property could be safely developed for residential use, and that there was no need to remove anthropogenic chemicals found in soil and groundwater.

- **Project manager for a Human Health and Ecological Assessment.** Conducted a Human Health and Ecological Risk Assessment for the former BKK Landfill in the City of Carson, California. The former landfill was used to dispose of industrial chemicals, petroleum production wastes, and domestic rubbish. The Victoria Golf Course and other recreational, industrial and commercial facilities currently occupy the site. The risk assessment included the evaluation of potential health risks to offsite residents, onsite adult and child recreational receptors, onsite golf course workers and construction workers. The Ecological portion of the evaluation included a qualitative and qualitative appraisal of the potential effects the site might have on plants and animals other than people and domesticated species. Results of the Human Health and Ecological Risk Assessment were used to evaluate the potential for the former BKK Landfill to pose an unacceptable risk or hazard to human and ecological receptors. The Human and Ecological Risk Assessment report was reviewed and approved by the California Department of Toxic Substances Control.

- **Project manger for a Human Health and Ecological Risk Assessment** at a former military facility located in the San Francisco Bay area. The major objectives of the Risk Assessment were to (1) estimate the magnitude of potential human health risks associated with the most likely future land use conditions; (2) identify environmental media and contaminants that pose a significant threat to human and ecological receptors; (3) identify environmental contaminants that pose little or no risk to humans and ecological receptors; and, (4) provide the basis to support risk management decisions about the need for further action at the site. The human health portion of the Risk Assessment estimated potential health risks under "total," "incremental," and "ambient" risk scenarios. These scenarios were developed specifically for the military facility in consultation with federal and state health and environmental protection regulatory agencies. "Total" risk represents the risks from potential exposure to all detected analytes (inorganic and organic) present at the site at concentrations above ambient concentrations. "Incremental" risk represents risks from potential exposures to the subset of chemicals detected at concentrations above ambient concentrations and with maximum chemical concentrations above conservative residential risk-based screening concentrations. "Ambient" risk represents the risk from exposure to inorganic chemicals that are within the background soil concentration range defined for the site. The Risk Assessment report was reviewed and well received by the U.S. Navy, the U.S. Environmental Protection Agency and the California Department of Toxic Substances Control.

- **Project manager for a Toxicological Evaluation** of perchlorate in soil and produce. The need for a toxicological evaluation arose when a farming company in Redlands, San Bernardino County, California, was informed that the water they were using for irrigation was contaminated with perchlorate. The source of perchlorate was traced back to an industrial facility 6 miles upgradient from the farm. A subsequent site assessment revealed the presence of trace quantities of perchlorate in soil and vegetable edible material. As part of the evaluation, a pilot study was conducted to determine the perchlorate degradation rate in soil. Results of the toxicological evaluation indicated that the concentrations of perchlorate in soil and produce were too low to represent a health risk to persons exposed to soil at the site or to consumers of vegetables grown at the farm. Results of the pilot degradation study indicated that perchlorate degrades rapidly in

soil in the presence of adequate amounts of organic matter and soil moisture. The toxicological evaluation of perchlorate was published as a book chapter (see H. Robles, 2000a).

- **Task manager for Human and Ecological Screening Risk Evaluations.** Conducted numerous human health and ecological risk assessments for existing and proposed school sites in Southern California. The risk assessments were conducted in accordance with the California Department of Toxic Substances Control's (DTSC) Preliminary Endangerment Assessment guidance. Sites evaluated contained various potential contaminants including agricultural pesticides, dioxins/furans, hydrogen sulfide, heavy metals, petroleum hydrocarbons and chlorinated hydrocarbons. Several risk evaluations were instrumental to obtain "No Further Action" recommendations from the DTSC.

- **Project manger for several Health Risk Assessments** for real estate properties found to contain pesticide residues. The objective of the risk assessments was to determine if pesticide residues in soil represented a threat to occupants of future developments planned for the properties. Examples of sites evaluated recently include an orange grove in Riverside, California; a military housing facility in Alameda, California; and a school campus in Northridge, California. The results of the risk assessments were used to determine regional, background pesticide concentrations; to define acceptable pesticide residue levels; to design cost-effective risk control measures; or to obtain "No Further Action" recommendations from state and local regulatory agencies.

- **Project director for Human Health Risk Assessment** at a California Superfund Site in Huntington Beach, California. The former landfill was used to dispose of industrial chemicals, waste drilling mud, petroleum production wastes, and construction/demolition debris. The risk assessment included the evaluation of potential health risks to offsite residents, onsite workers, trespassers and ecological receptors. The risk assessment was also used to set risk-based cleanup levels for chemicals identified at the site. In addition, risk assessment techniques were used to design a waste recycling plan for some of the waste materials found at the site. Risk-based cleanup levels and remedial alternatives were reviewed and approved by the California Department of Toxic Substances Control (DTSC).

- **Project manager for a Risk Assessment** of a California Superfund Site in Santa Fe Springs, California. The site was formerly used to dispose of oil well drilling mud and drilling wastes, and was contaminated with asbestos, lead, barium, PCBs, polynuclear aromatics, and petroleum hydrocarbons. The risk assessment considered evaluation of potential exposure of future on- and off-site residents, including children in a neighboring day care center. Results of the risk assessment were used to demonstrate that site activities did not contribute to existing groundwater contamination, negotiate soil cleanup goals, and select cost-effective and safe remedial alternatives.

- **Project manager for a Health Risk Assessment** of a RCRA-permitted facility in Southern California. Conducted an Environmental and Human Health Risk Assessment for an active hazardous waste storage facility to determine if the addition of new waste streams to the facility would represent a potential health threat to the surrounding community. Results of the risk assessment showed that the hazardous waste contractor had adequate facilities and the addition of new waste steams would not represent a health hazard. The risk assessment was used in support of an application for RCRA permit expansion.

- **Project manager for various Proposition 65 projects -** Responsible for evaluating current or potential exposures to chemicals regarded by the State of California to be carcinogenic or reproductive toxicants. Activities included interpretation of Proposition 65 No Significant Risk Levels (NSRL), evaluation of lender or developer liability from contaminated wastes at a property, assessment of current facility emissions to assess "duty to warn" and other reporting requirements and litigation support.

- **Project Manager for evaluation of heath hazards** associated with the presence of methane and hydrogen sulfide in subsurface soil within a residential and commercial area of Newport Beach, California. Evaluated the potential health and environmental risks associated with methane and hydrogen sulfide gases under the area proposed for the Balboa Project in the City of Newport Beach, California. The assessment included the evaluation of potential health risks to construction workers as well as to occupants of the site and its visitors. Results of the risk assessment were used to design and select risk control measures.

- **Project manager for Human Health and Environmental Risk Assessments** at former gasoline service stations in Arizona. Conducted risk assessments following the Arizona Department of Health Services' (ADHS) and Arizona Department of Environmental Quality's (ADEQ) Risk Assessment Guidelines for Underground Storage Tank Sites. Risk assessments developed for the sites were used to request no further action from regulatory agencies. During development of the risk assessments, several conversations were held with Dr. Phil Amadi of the ADEQ regarding the danger of compounding conservatism in risk assessment. Based on these discussions, Dr. Amadi invited Dr. Robles to give a presentation to ADEQ staff on the appropriate use of fate and transport modeling in risk assessments.

- **Served as Staff Toxicologist** for the Center for Rehabilitation and Occupational Health, Saint Francis Memorial Hospital, San Francisco, California. Evaluated patients suspected of occupational injury from chemical exposure, wrote toxicological evaluations of suspected etiological agents, and provided litigation support.

- **Served as Toxicology Study Director** conducting studies to assess the pharmacological and toxicological properties of chemicals and pharmaceuticals. The studies were conducted under Good Laboratory Practice (GLP) regulations to support applications for U.S. EPA and FDA registration of the tested compounds.

PUBLICATIONS AND PRESENTATIONS

Robles, H. *Evaluación de Riesgos y su Utilidad en la Gestión de Sitios Contaminados*. In: *Seminario Internacional: Gestión Ambiental de Pasivos y Sitios Industriales, Un Desafío Permanente*. Fundación Chile. Viña del Mar, Chile. October 9 and 10, 2012.

Robles, H. *Evaluación de Riesgo Ambiental, Novedades y Aplicaciones Practicas en la Gestión Ambiental Minera*. Sociedad Nacional Minera (SONAMI). Santiago, Chile. June 7, 2012.

Robles, H. Recent Advances in Environmental Risk Assessment. Oral and Poster Presentations at the Water in Mining 2012 Conference. GECAMIN Conferences for Mining. Santiago, Chile. June 6-8, 2012.

Robles, H. *In Print.* 4-Aminophenyl, 3-Methylcholanthrene, Acetonitrile, Butyl Ether, Dimethylaminoazobenzene, Furan, Naphthalene, Nitrosamines, Phosphorus, Tannic Acid, Urethane and Vinyl Acetate. In: Wexler, P.A., ed. Encyclopedia of Toxicology, Third Edition. Elsevier Academic Press.

Robles, H. and S. Stoewer. 2010. The Nuts and Bolts of the Risk Assessment Process and Its Importance in Obtaining Site Closure for Contaminated Property. Presentation at the Orange County Bar Association, Environmental Law, June Meeting. Costa Mesa, California. June 3.

Fletcher, C., Stoewer, S. and Robles, H. 2010. Anaheim Brownfield Projects: Best Practices and Lessons Learned. Presentation at the Annual Meeting of the California Redevelopment Association's Brownfield Committee. Anaheim, California. February.

Robles, H. 2010. Reviewing Risk Assessment Reports: Principles and Applications. Presentation at the 12th California Unified Program Annual Training Conference. Burlingame, California. February.

Robles, H. 2010. Conceptual Site Model – What, Why, How, When? Presentation at the 12th California Unified Program Annual Training Conference. Burlingame, California. February.

Robles, H. 2010. Risk Assessment: Concepts and Practical Applications. Guest Lecturer. Industrial Toxicology Course. University of California at Irvine. Irvine, California. February.

Robles, H. 2009. Reviewing Risk Assessment Reports: Principles and Applications. Presentation at the City of Santa Fe Springs California Unified Program Office. Santa Fe Springs, California. November.

Robles, H. 2009. Health Risk Assessment. Guest Lecturer. Industrial Toxicology Course. University of California at Irvine. Irvine, California. February.

Robles, H., Jeng, C.Y., and Fletcher, C. 2008. Health Risk Assessment and Management. Presentation at the U.S. Environmental Protection Agency's "Nuts & Bolts of Brownfield Development for Local Governments" Course. Los Angeles, California. April.

Lizzi, A. and Robles, H. 2006. Evaluation of Vapor Intrusion of VOCs to Indoor Air Pathway at a Proposed School Site in Los Angeles, California. Poster and Presentation at the National Groundwater Association's Western Focus Groundwater Conference. San Francisco, California. May.

Robles, H. 2005. Risk Assessment: Concepts and Practical Applications. Training Course for the City of Anaheim's Redevelopment Agency and Public Utilities Department. Anaheim, California. April.

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Robles, H. 1993. Introduction to U.S. EPA's Toxic Substances Control Act. Guest Speaker, Environmental Studies 595 Course, California State University Fullerton. Fullerton, California. August.

CERTIFICATIONS

Diplomate of the American Board of Toxicology, 1996; Re-certified 2001, 2006 and 2011.

AFFILIATIONS

American Board of Toxicology

Society of Toxicology, Full Member

Society for Risk Analysis

Southern California Chapter of the Society of Toxicology

Southern California Chapter of the Society for Risk Analysis

PROFESSIONAL HISTORY

Enviro-Tox Services, Inc. Principal Toxicologist, 2000 – Present

Golder Associates, Inc. Toxicologist, 2012 – Present

ARCADIS-US. Consulting Toxicologist, 2004 – 2012

URS Corporation. Senior Toxicologist, 2000-2005.

LFR Levine·Fricke Inc., Senior Associate Toxicologist, 1997–2000

Environmental Science & Engineering, Inc., Director of Risk Assessment and Toxicology, 1994–1997

Harding Lawson Associates, Associate Environmental Toxicologist, 1991–1994

EA Engineering Science and Technology, Inc., Senior Scientist, 1990–1991

Biological Test Center, Study Director; Quality Assurance; and Environmental Coordinator, 1987–1990

Center for Rehabilitation and Occupational Health, Toxicology Internship, 1986–1987

University of Texas at El Paso, Postdoctoral Researcher, 1985–1986

New Mexico State University, Research Assistant, 1981–1985

ASBESTOS SURVEY
SANTANA ATRIUM SENIOR APARTMENTS
100 NORTH WINCHESTER BOULEVARD
SANTA CLARA, CALIFORNIA

Project No. 034-15013
April 16, 2015

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Project No. 034-15013

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April 16, 2015 Project No. 034-15013

ASBESTOS SURVEY
SANTANA ATRIUM SENIOR APARTMENTS
100 NORTH WINCHESTER BOULEVARD
SANTA CLARA, CALIFORNIA

1.0 INTRODUCTION

This report presents the results of our asbestos survey for the structure located at 100 N. Winchester Blvd. in Santa Clara, California. The asbestos survey was conducted under the conditions of Krazan & Associates, Inc.'s (Krazan's) Proposal No. P15-089, dated March 17, 2015. Royce Patch gave written authorization on March 18, 2015, for Krazan to proceed with the asbestos survey.

2.0 PURPOSE AND SCOPE OF WORK

The purpose of the asbestos survey was to identify and quantify the presence of potential asbestos-containing materials (ACMs) at the on-site structure. The scope of work for the asbestos survey included conducting a visual survey of the structure and conducting bulk sampling and analysis of materials suspected to contain asbestos. This survey was performed in accordance with applicable local, state, and federal regulations.

3.0 BUILDING DESCRIPTION

The site is located on the west side of Winchester, north of Stevens Creek in Santa Clara, California. The structure was a three-story structure with concrete slab-on-grade foundation, stucco, wood, and brick exterior walls, with built-up (tar and felt) roofing. Interior construction included gypsum board and suspended ceilings with two-foot by two-foot and two-foot by four-foot ceiling panels; gypsum board, wood, brick, open-framed, glass, and ceramic tiled walls; and wood/concrete floors overlain (in areas) by wall-to-wall carpeting, floor tiles, and ceramic tiles.

4.0 INVESTIGATIVE METHODS

4.1 Sampling Protocols

Eighty-five (85) samples of suspected ACMs were collected from throughout the on-site structure. Sample locations for this survey were chosen in a semi-random fashion with emphasis placed on minimizing damage to the sampled materials. The samples were collected by carefully removing a small amount of the suspect material in a non-abrasive manner. If possible, samples were collected from existing damaged areas or loose pieces of materials. Each sample was placed in a separate sealed plastic bag, and labeled with the project number and sample number. Refer to the Floor Plan following the text for the bulk sample locations.

4.2 Laboratory Analytical Methods

The bulk samples collected were analyzed by A.E.S.L. Environmental of Tempe, Arizona, to detect the presence, type, and percentage of asbestos by polarized light microscopy/dispersion staining, following the procedure described in 40 CFR 763, Subpart E, Appendix A (AHERA). Copies of the Analytical Results and Chain-of-Custody Record are included in Appendix A.

5.0 RESULTS OF INVESTIGATION

As stated previously, 85 samples of suspected ACMs were collected from throughout the structure. Analytical laboratory results and field observations of the materials sampled have been summarized on Table I, following the text of this report. Information presented within the table includes the sample number, the sample description, the location where the sample was obtained, the asbestos content, the volume of ACMs identified (typically expressed in square feet), the condition of the material sampled, and a listing of locations where similar (homogenous) ACMs were also noted (although not necessarily sampled in these areas). In addition, footnotes have been provided to convey pertinent information regarding the specific sample or homogenous material.

<u>The following materials were identified as containing at least one percent asbestos:</u>

No samples collected from this structure contained detectable amounts of asbestos.

6.0 CONCLUSIONS

The National Emissions Standards for Hazardous Air Pollutants (NESHAP) defines regulated asbestos-containing materials (RACM) as the following: friable materials containing more than one percent asbestos as determined by polarized light microscopy; Category I non-friable materials (i.e., floor tiles, asphalt roofing products) containing more than one percent asbestos that have become friable, have been subjected to or will be subjected to sanding, grinding, cutting, or abrading; and Category II non-friable materials (i.e., non-friable asbestos-containing materials that are not Category I materials) containing more than one percent asbestos that have a high probability of becoming or have already been reduced to a friable condition by demolition or renovation activities. The above-noted samples did not contain greater than one percent asbestos and would, therefore, not meet the definition of a RACM under the NESHAP. In addition, the California Division of Occupational Safety and Health (Cal-OSHA) defines asbestos-containing construction material (ACCM) as greater than 0.1 percent asbestos. The above-noted samples did not contain greater than 0.1 percent asbestos and, therefore, would not meet the definition of an ACCM.

The Bay Area Air Quality Management District (AQMD) is the responsible agency on the local level to enforce the NESHAP. The AQMD Regional Office requires that asbestos-containing materials (ACM) be removed prior to renovation or demolition activities. Additionally, the AQMD must be notified prior to any demolition and/or renovation activities.

7.0 LIMITATIONS

This survey and review of the subject property has been limited in scope. This investigation is undertaken with the risk that visual observations and random sampling alone would not reveal the presence, full nature, and extent of asbestos-containing materials. Krazan makes no representation as to the asbestos content of materials not sampled or that were inaccessible to our inspector (i.e., between walls, beneath floors, in pipe chases, etc.). The asbestos sample locations and building dimensions were measured/located in the field by tape measurement from existing features. Therefore, the sample locations, building dimensions, and approximate square footage of asbestos-containing materials should be considered accurate only to the degree implied by the methods used.

The findings presented in this report were based on field observations, random sampling and analysis, review of available data, and discussions with local regulatory and advisory agencies. Therefore, the data

obtained are clear and accurate only to the degree implied by the sources and methods used. The information presented herewith was based on professional interpretation using presently accepted methods with a degree of conservatism deemed proper as of the report date. We do not warrant that future technical developments cannot supersede such data.

This asbestos survey is not intended to be the sole basis for asbestos removal bids. Confirmation of the condition and volume of the ACMs should be conducted by prospective removal contractors prior to accepting removal bids. This report is provided for the exclusive use of the client noted on the cover page and is subject to the terms and conditions in the applicable contract between the Client and Krazan. The client is the only party to whom Krazan has explained the risks involved and has been involved in the shaping of the scope of services needed to satisfactorily manage those risks, if any, from the client's point of view. Any third party use of this report, including use by the Client's lender, prospective purchaser, or lessee will be subject to the terms and conditions governing the contractual work between the Client and Krazan. The unauthorized use of, reliance on, or release of the information contained in this report, without the expressed written consent of Krazan, is strictly prohibited and will be without risk or liability to Krazan.

Asbestos analysis was conducted by a laboratory accredited under the National Voluntary Laboratory Accreditation Program (NVLAP) administered by the National Institute of Standards and Technology (NIST). The results of the asbestos analyses are accurate only to the degree and care of ensuring the testing accuracy and the representative nature of the samples obtained.

If you have any questions or if we may be of further assistance, please do not hesitate to contact our office at (559) 348-2200.

Respectfully submitted,
KRAZAN & ASSOCIATES, INC.

Jeffrey R. Noël
DOSH Certified Asbestos Consultant
No. 00-2828

JRN/al

2c: herewith

TABLE I

ASBESTOS ANALYSIS RESULTS

Santana Atrium Senior Apartments

100 North Winchester Boulevard

Santa Clara, California

April 6 & 8, 2015 Sampling

Sample No.	Sample Description	Floor	Sample Location / Suite	Asbestos Content	Approx. Sq. Ft.	Condition / Friability	Notes/ Additional locations
1	Gypsum board / taping material	2	210	ND	NC	NA	homogenous throughout
2	Gypsum board / taping material	2	220	ND	NC	NA	homogenous throughout
3	Gypsum board / taping material	2	220	ND	NC	NA	homogenous throughout
4	Texture	2	210	ND	NC	NA	homogenous throughout
5	Texture	2	220	ND	NC	NA	homogenous throughout
6	Texture	2	220	ND	NC	NA	homogenous throughout
7	2-ft by 2-ft Ceiling panel	2	210	ND	NC	NA	
8	2-ft by 4-ft Ceiling panel	2	220	ND	NC	NA	
9	12-in by 12-in Floor tile / mastic	2	220	ND	NC	NA	blue gray marbled
10	12-in by 12-in Floor tile / mastic	2	220	ND	NC	NA	blue gray patch
11	Base cove mastic	2	220	ND	NC	NA	dark blue base
12	Base cove mastic	2	210	ND	NC	NA	tan base
13	Base cove mastic	2	210	ND	NC	NA	gray base
14	Gypsum board / taping material	2	240	ND	NC	NA	homogenous throughout
15	Gypsum board / taping material	2	240	ND	NC	NA	homogenous throughout
16	Texture	2	240	ND	NC	NA	homogenous throughout
17	Texture	2	240	ND	NC	NA	homogenous throughout
18	Paneling mastic	2	240	ND	NC	NA	
19	Base cove mastic	2	240	ND	NC	NA	
20	2-ft by 4-ft Ceiling panel	2	240	ND	NC	NA	
21	2-ft by 2-ft Ceiling panel	2	240	ND	NC	NA	
22	Floor tile mastic	2	240	ND	NC	NA	yellow over black
23	Gypsum board	2	240	ND	NC	NA	homogenous throughout
24	Gypsum board / taping material	2	275	ND	NC	NA	homogenous throughout
25	Gypsum board / taping material	2	275	ND	NC	NA	homogenous throughout
26	Texture	2	275	ND	NC	NA	homogenous throughout
27	Texture	2	275	ND	NC	NA	homogenous throughout
28	2-ft by 2-ft Ceiling panel	2	275	ND	NC	NA	main
29	2-ft by 2-ft Ceiling panel	2	275	ND	NC	NA	patch
30	Base cove mastic	2	275	ND	NC	NA	

NA	=	Not applicable	F	=	Fair condition
NC	=	Not calculated	G	=	Good condition
ND	=	None detected	NF	=	Non-friable
Trace	=	Less than one percent (<1%) chrysotile asbestos	FR	=	Friable

TABLE I (Continued)
ASBESTOS ANALYSIS RESULTS
Santana Atrium Senior Apartments
100 North Winchester Boulevard
Santa Clara, California
April 6 & 8, 2015 Sampling

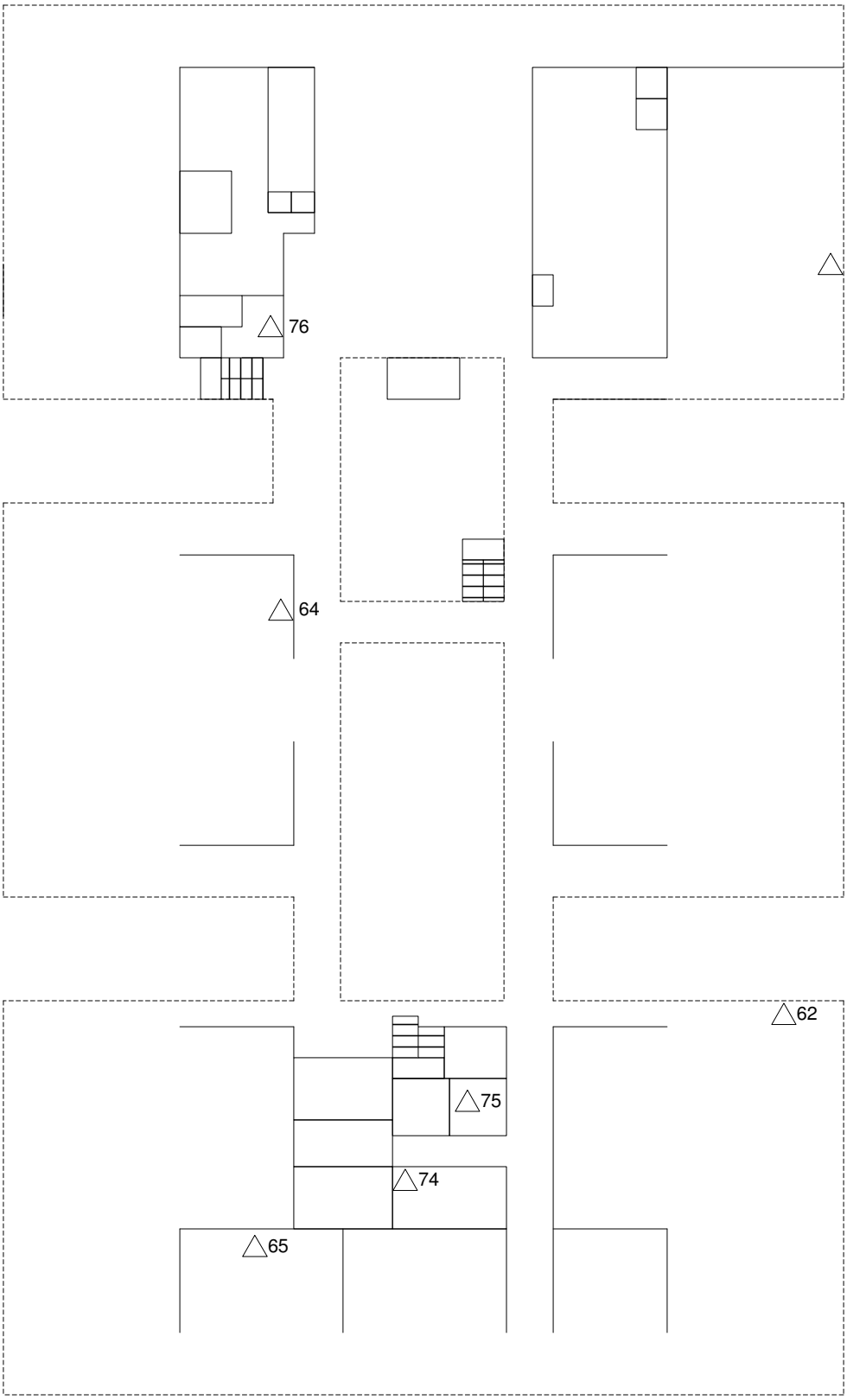
Sample No.	Sample Description	Floor	Sample Location / Suite	Asbestos Content	Approx. Sq. Ft.	Condition / Friability	Notes/ Additional locations
31	Gypsum board / taping material	2	men's restroom	ND	NC	NA	homogenous throughout
32	Gypsum board / taping material	2	lunch room	ND	NC	NA	homogenous throughout
33	Texture	2	lunch room	ND	NC	NA	homogenous throughout
34	Base cove mastic	2	lunch room	ND	NC	NA	
35	Sheet flooring core	2	lunch room	ND	NC	NA	full depth core
36	Gypsum board / taping material	2	250	ND	NC	NA	homogenous throughout
37	Gypsum board / taping material	2	252	ND	NC	NA	homogenous throughout
38	Gypsum board / taping material	2	260	ND	NC	NA	homogenous throughout
39	Texture	2	250	ND	NC	NA	homogenous throughout
40	Texture	2	252	ND	NC	NA	homogenous throughout
41	Texture	2	260	ND	NC	NA	homogenous throughout
42	2-ft by 2-ft Ceiling panel	2	260	ND	NC	NA	
43	12-in by 12-in Floor tile / mastic	2	250	ND	NC	NA	
44	Base cove mastic	2	252	ND	NC	NA	tan base
45	Wallpaper	2	250	ND	NC	NA	
46	12-in by 12-in Floor tile / mastic	2	250	ND	NC	NA	
47	12-in by 12-in Floor tile / mastic	2	250	ND	NC	NA	under # 43
48	Gypsum board / taping material	3	355	ND	NC	NA	homogenous throughout
49	Gypsum board / taping material	3	366	ND	NC	NA	homogenous throughout
50	Gypsum board / taping material	3	395	ND	NC	NA	homogenous throughout
51	Texture	3	355	ND	NC	NA	homogenous throughout
52	Texture	3	366	ND	NC	NA	homogenous throughout
53	Texture	3	395	ND	NC	NA	homogenous throughout
54	2-ft by 4-ft Ceiling panel	3	366	ND	NC	NA	
55	2-ft by 4-ft Ceiling panel	3	355	ND	NC	NA	main
56	2-ft by 4-ft Ceiling panel	3	355	ND	NC	NA	patch
57	2-ft by 2-ft Ceiling panel	3	395	ND	NC	NA	
58	12-in by 12-in Floor tile / mastic	3	395	ND	NC	NA	
59	12-in by 12-in Floor tile / mastic	3	355	ND	NC	NA	
60	Base cove mastic	3	395	ND	NC	NA	blue cove

NA = Not applicable
NC = Not calculated
ND = None detected
Trace = Less than one percent (<1%) chrysotile asbestos
F = Fair condition
G = Good condition
NF = Non-friable
FR = Friable

TABLE I (Continued)
ASBESTOS ANALYSIS RESULTS
Santana Atrium Senior Apartments
100 North Winchester Boulevard
Santa Clara, California
April 6 & 8, 2015 Sampling

Sample No.	Sample Description	Floor	Sample Location / Suite	Asbestos Content	Approx. Sq. Ft.	Condition / Friability	Notes/ Additional locations
61	Base cove mastic	3	366	ND	NC	NA	brown base
62	Stucco	1	exterior	ND	NC	NA	homogenous throughout
63	Stucco	1	exterior	ND	NC	NA	homogenous throughout
64	Stucco	1	exterior	ND	NC	NA	homogenous throughout
65	Stucco	1	exterior	ND	NC	NA	homogenous throughout
66	Roof core	---	roof	ND	NC	NA	top layers
67	Roof tar	---	roof	ND	NC	NA	between roof layers and seams
68	Roof core	---	roof	ND	NC	NA	under # 66
69	Roof mastic	---	roof	ND	NC	NA	roof penetration
70	HVAC mastic	---	roof	ND	NC	NA	on metal ducting and unit seams
71	Vibration joint	---	roof	ND	NC	NA	
72	Roof mastic	---	roof	ND	NC	NA	roof patch
73	Stair tread / mastic	3	stairwell	ND	NC	NA	
74	Gypsum board / taping material	1	mechanical room	ND	NC	NA	homogenous throughout
75	Texture	1	men's restroom	ND	NC	NA	homogenous throughout
76	12-in by 12-in Floor tile / mastic	1	102	ND	NC	NA	
77	12-in by 12-in Floor tile / mastic	2	290	ND	NC	NA	
78	Gypsum board / taping material	3	310	ND	NC	NA	homogenous throughout
79	Gypsum board / taping material	3	310	ND	NC	NA	homogenous throughout
80	Texture	3	310	ND	NC	NA	homogenous throughout
81	Texture	3	310	ND	NC	NA	homogenous throughout
82	Base cove mastic	3	310	ND	NC	NA	light yellow mastic
83	Base cove mastic	3	310	ND	NC	NA	dark yellow mastic under # 82
84	Wallpaper	3	310	ND	NC	NA	
85	12-in by 12-in Floor tile / mastic	3	368	ND	NC	NA	

NA	=	Not applicable	F	=	Fair condition
NC	=	Not calculated	G	=	Good condition
ND	=	None detected	NF	=	Non-friable
Trace	=	Less than one percent (<1%) chrysotile asbestos	FR	=	Friable

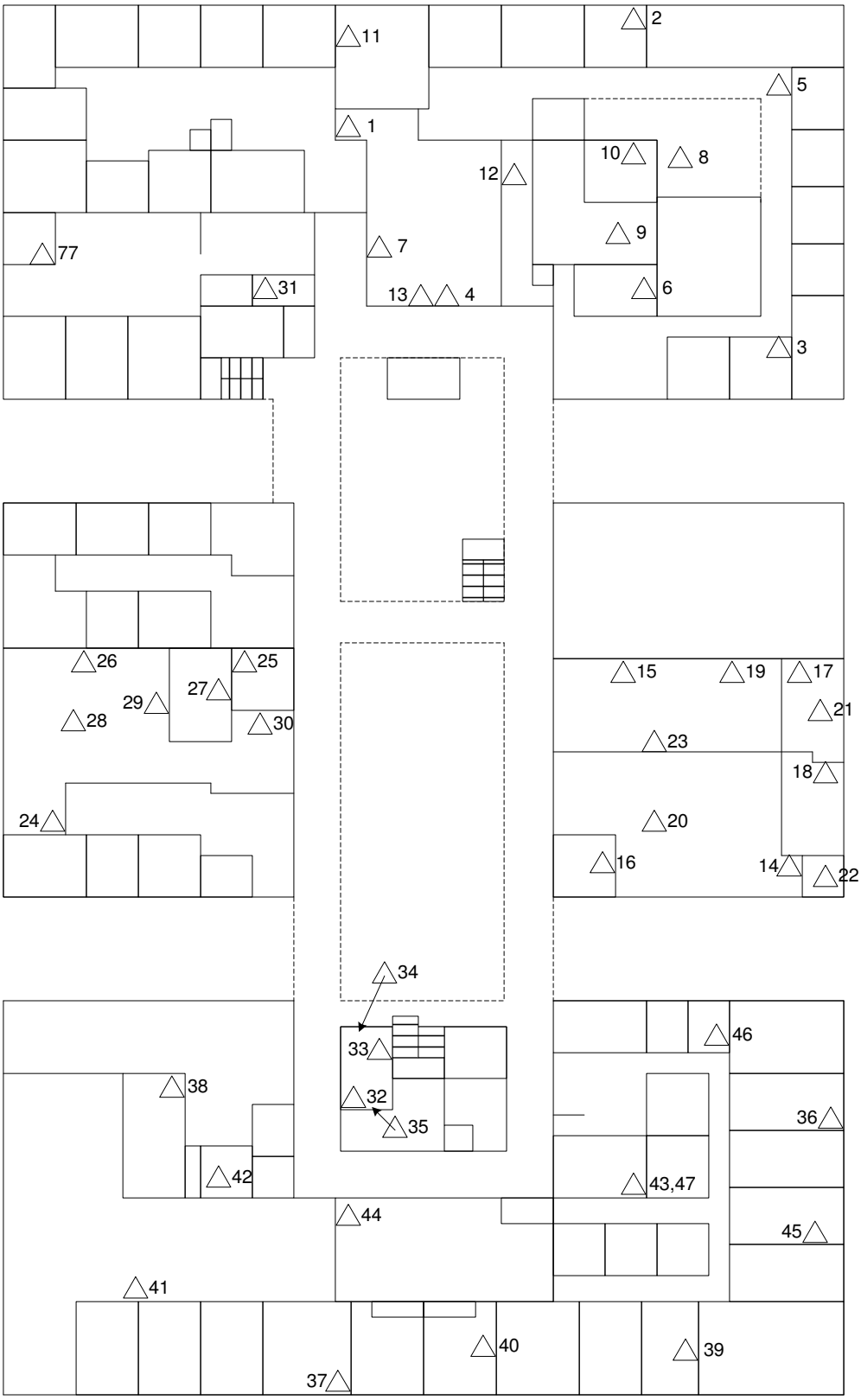


EXPLANATION

△ BUILDING MATERIAL SAMPLE LOCATION

1st Floor

FLOOR PLAN WITH BUILDING MATERIAL SAMPLE LOCATIONS	Scale: NOT TO SCALE	Date: 4 / 15	Krazan ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SPECIALISTS *Offices Serving the Western United States*
SANTANA ATRIUM SENIOR APARTMENTS 100 NORTH WINCHESTER BOULEVARD SANTA CLARA, CALIFORNIA	Drawn by: J. R. N.	Approved by: J.R.N	
	Project No. 034-15013	Figure No. 1	

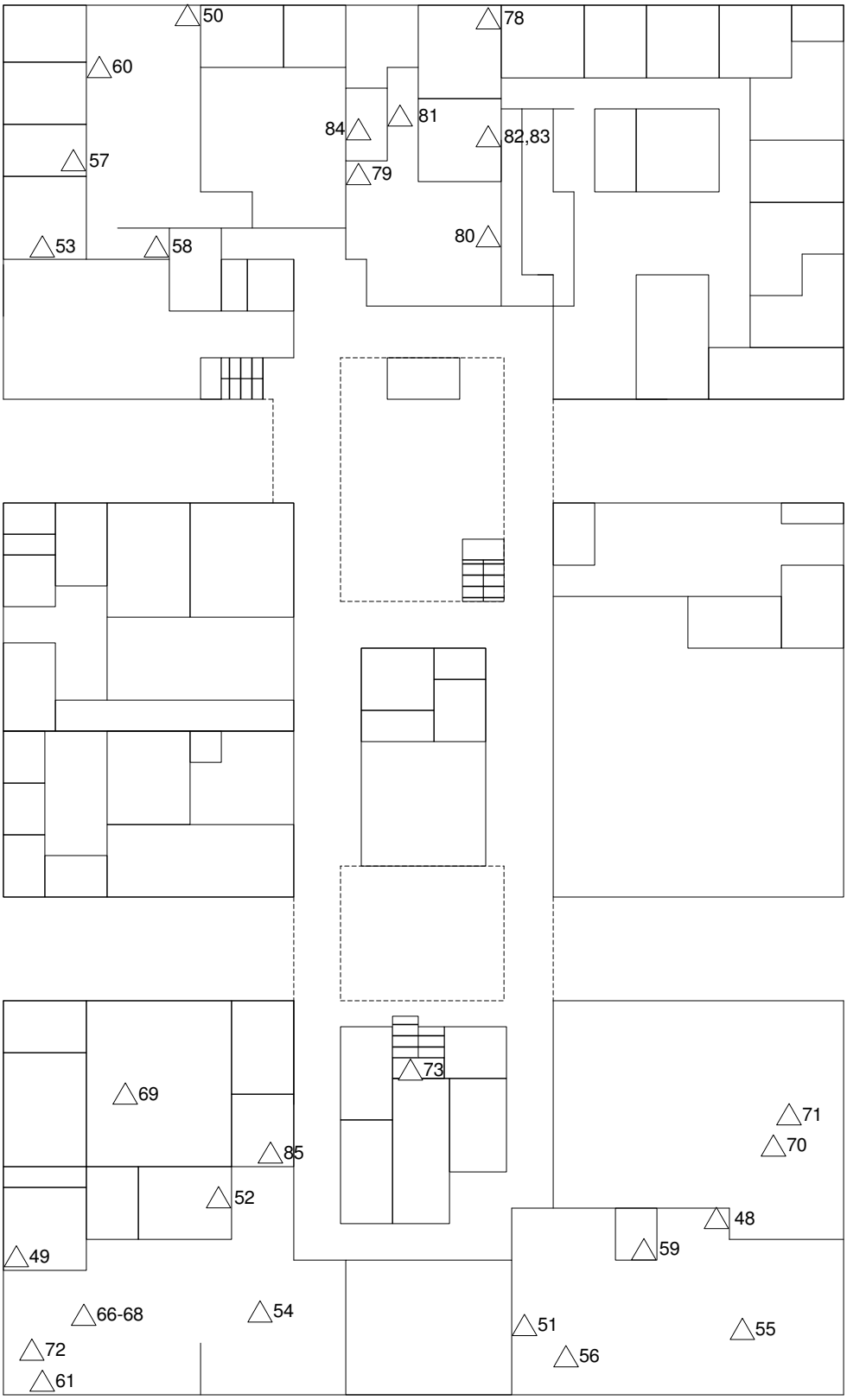


EXPLANATION

△ BUILDING MATERIAL SAMPLE LOCATION

2nd Floor

FLOOR PLAN WITH BUILDING MATERIAL SAMPLE LOCATIONS	Scale: NOT TO SCALE	Date: 4 / 15	Krazan ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SPECIALISTS Offices Serving the Western United States
SANTANA ATRIUM SENIOR APARTMENTS 100 NORTH WINCHESTER BOULEVARD SANTA CLARA, CALIFORNIA	Drawn by: J. R. N.	Approved by: J.R.N	
	Project No. 034-15013	Figure No. 2	



EXPLANATION

△ BUILDING MATERIAL SAMPLE LOCATION

3rd Floor

FLOOR PLAN WITH BUILDING MATERIAL SAMPLE LOCATIONS	Scale: NOT TO SCALE	Date: 4 / 15	Krazan ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SPECIALISTS *Offices Serving the Western United States*
SANTANA ATRIUM SENIOR APARTMENTS 100 NORTH WINCHESTER BOULEVARD SANTA CLARA, CALIFORNIA	Drawn by: J. R. N.	Approved by: J.R.N	
	Project No. 034-15013	Figure No. 3	

Appendix A

A. E. S. L.
Environmental LABORATORY

A DIVISION OF ALLEN ENVIRONMENTAL CONSULTING L.L.C.
800 North Mary Street • Tempe, Arizona 85281
(480) 966-3714 • Fax (480) 394-0188

BULK ASBESTOS ANALYSIS SUMMARY REPORT

CLIENT NAME: Krazan &Associates, Inc.
215 W. Dakota Avenue
Clovis, CA 93612

DATE OF RECEIPT: April 8, 2015
SAMPLE CONDITION: Good
DATE ANALYZED: April 8, 2015

A.E.S.L. LABORATORY #: 15-A313

PROJECT: Santana Atrium Senior Apartments/03415013

A.E.S.L. LAB SAMPLE ID #	CLIENT SAMPLE ID #	SAMPLE DESCRIPTION & COLOR	TEST RESULTS Pos. / n.d..	% & Type	OTHER MATERIALS
A313-1	1 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	1 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	1 c	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-2	2 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	2 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	2 c	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-3	3 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	3 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	3 c	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-4	4 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	4 b	White Texture	n.d.	---------	2% Cellulose 98% Non-Fibrous
A313-5	5 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	5 b	White Texture	n.d.	---------	2% Cellulose 98% Non-Fibrous
A313-6	6 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	6 b	White Texture	n.d.	---------	2% Cellulose 98% Non-Fibrous
A313-7	7	White 2x2 Ceiling Panel	n.d.	---------	10% Mineral Wool 5% Cellulose 85% Non-Fibrous
A313-8	8	White 2x4 Ceiling Panel	n.d.	---------	10% Mineral Wool 5% Cellulose 85% Non-Fibrous
A313-9	9 a	Green 12x12 Floor Tile	n.d.	---------	100% Non-Fibrous
	9 b	Yellow Mastic	n.d.	---------	100% Non-Fibrous
A313-10	10 a	Green 12x12 Floor Tile	n.d.	---------	100% Non-Fibrous
	10 b	Yellow Mastic	n.d.	---------	100% Non-Fibrous
A313-11	11 a	White Paint	n.d.	---------	100% Non-Fibrous
	11 b	Tan Base Cove Mastic	n.d.	---------	100% Non-Fibrous
A313-12	12 a	White Paint	n.d.	---------	100% Non-Fibrous
	12 b	Tan Base Cove Mastic	n.d.	---------	100% Non-Fibrous
A313-13	13 a	White Paint	n.d.	---------	100% Non-Fibrous

A.E.S.L. LAB SAMPLE ID #	CLIENT SAMPLE ID #	SAMPLE DESCRIPTION & COLOR	TEST RESULTS Pos. / n.d..	% & Type	OTHER MATERIALS
	13 b	Tan Base Cove Mastic	n.d.	---------	100% Non-Fibrous
A313-14	14 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	14 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	14 c	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-15	15 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	15 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	15 c	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-16	16 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	16 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
A313-17	17 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	17 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
A31318	18	Tan Paneling Mastic	n.d.	---------	100% Non-Fibrous
A313-19	19 a	White Paint	n.d.	---------	100% Non-Fibrous
	19 b	Tan Base Cove Mastic	n.d.	---------	100% Non-Fibrous
A313-20	20	White 2x4 Ceiling Panel	n.d.	---------	10% Mineral Wool 5% Cellulose 85% Non-Fibrous
A313-21	21	White 2x2 Ceiling Panel	n.d.	---------	10% Mineral Wool 5% Cellulose 85% Non-Fibrous
A313-22	22 a	Yellow Mastic	n.d.	---------	100% Non-Fibrous
	22 b	Black Mastic	n.d.	---------	3% Cellulose 97% Non-Fibrous
A313-23	23	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-24	24 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	24 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	24 c	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-25	25 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	25 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	25 c	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-26	26 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	26 b	White Texture	n.d.	---------	2% Cellulose 98% Non-Fibrous
A313-27	27 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	27 b	White Texture	n.d.	---------	2% Cellulose 98% Non-Fibrous
A313-28	28	White 2x2 Ceiling Panel	n.d.	---------	10% Mineral Wool 5% Cellulose 85% Non-Fibrous

A.E.S.L. LAB SAMPLE ID #	CLIENT SAMPLE ID #	SAMPLE DESCRIPTION & COLOR	TEST RESULTS Pos. / n.d..	% & Type	OTHER MATERIALS
A313-29	29	White 2x2 Ceiling Panel	n.d.	---------	10% Mineral Wool 5% Cellulose 85% Non-Fibrous
A313-30	30 a	White Paint	n.d.	---------	100% Non-Fibrous
	30 b	Tan Base Cove Mastic	n.d.	---------	100% Non-Fibrous
A313-31	31 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	31 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	31 c	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-32	32 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	32 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	32 c	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-33	33 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	33 b	White Texture	n.d.	---------	2% Cellulose 98% Non-Fibrous
A313-34	34 a	White Paint	n.d.	---------	100% Non-Fibrous
	34 b	Tan Base Cove Mastic	n.d.	---------	100% Non-Fibrous
A313-35	35 a	Tan Sheet Vinyl Flooring	n.d.	---------	100% Non-Fibrous
	35 b	Grey Backing	n.d.	---------	100% Cellulose
	35 c	Yellow Mastic	n.d.	---------	100% Non-Fibrous
	35 d	Grey/Black Sheet Vinyl Flooring	n.d.	---------	100% Non-Fibrous
	35 e	Grey Backing	n.d.	---------	100% Cellulose
	35 f	Yellow Mastic	n.d.	---------	100% Non-Fibrous
	35 g	Light-Tan Sheet Vinyl Flooring	n.d.	---------	100% Non-Fibrous
	35 h	Grey Backing	n.d.	---------	100% Cellulose
	35 i	Yellow Mastic	n.d.	---------	100% Non-Fibrous
A313-36	36 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	36 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	36 c	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-37	37 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	37 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	37 c	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-38	38 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	38 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	38 c	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-39	39 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	39 b	White Texture	n.d.	---------	2% Cellulose 98% Non-Fibrous
A313-40	40 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	40 b	White Texture	n.d.	---------	2% Cellulose 98% Non-Fibrous

A.E.S.L. LAB SAMPLE ID #	CLIENT SAMPLE ID #	SAMPLE DESCRIPTION & COLOR	TEST RESULTS Pos. / n.d..	% & Type	OTHER MATERIALS
A313-41	41 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	41 b	White Texture	n.d.	---------	2% Cellulose 98% Non-Fibrous
A313-42	42	White 2x2 Ceiling Panel	n.d.	---------	10% Mineral Wool 5% Cellulose 85% Non-Fibrous
A313-43	43 a	White/Tan 12x12 Floor Tile	n.d.	---------	100% Non-Fibrous
	43 b	Yellow Mastic	n.d.	---------	100% Non-Fibrous
A313-44	44 a	White Paint	n.d.	---------	100% Non-Fibrous
	44 b	Tan Base Cove Mastic	n.d.	---------	100% Non-Fibrous
A313-45	45	White/Tan Wallpaper	n.d.	---------	100% Cellulose
A313-46	46 a	White/Tan 12x12 Floor Tile	n.d.	---------	100% Non-Fibrous
	46 b	Yellow Mastic	n.d.	---------	100% Non-Fibrous
A313-47	47 a	White/Tan 12x12 Floor Tile	n.d.	---------	100% Non-Fibrous
	47 b	Yellow Mastic	n.d.	---------	100% Non-Fibrous
A313-48	48 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	48 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	48 c	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-49	49 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	49 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	49 c	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-50	50 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	50 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	50 c	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-51	51 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	51 b	White Texture	n.d.	---------	2% Cellulose 98% Non-Fibrous
A313-52	52 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	52 b	White Texture	n.d.	---------	2% Cellulose 98% Non-Fibrous
A313-53	53 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	53 b	White Texture	n.d.	---------	2% Cellulose 98% Non-Fibrous
A313-54	54	White 2x4 Ceiling Panel	n.d.	---------	10% Mineral Wool 5% Cellulose 85% Non-Fibrous
A313-55	55	White 2x4 Ceiling Panel	n.d.	---------	10% Mineral Wool 5% Cellulose 85% Non-Fibrous
A313-56	56	White 2x4 Ceiling Panel	n.d.	---------	10% Mineral Wool 5% Cellulose 85% Non-Fibrous
A313-57	57	White 2x2 Ceiling Panel	n.d.	---------	10% Mineral Wool 5% Cellulose 85% Non-Fibrous
A313-58	58 a	Grey 12x12 Floor Tile	n.d.	---------	100% Non-Fibrous

A.E.S.L. LAB SAMPLE ID #	CLIENT SAMPLE ID #	SAMPLE DESCRIPTION & COLOR	TEST RESULTS Pos. / n.d..	% & Type	OTHER MATERIALS
	58 b	Yellow Mastic	n.d.	---------	100% Non-Fibrous
A313-59	59 a	White/Gray 12x12 Floor Tile	n.d.	---------	100% Non-Fibrous
	59 b	Yellow Mastic	n.d.	---------	100% Non-Fibrous
A313-60	60 a	White Paint	n.d.	---------	100% Non-Fibrous
	60 b	Tan Base Cove Mastic	n.d.	---------	100% Non-Fibrous
A313-61	61 a	White Paint	n.d.	---------	100% Non-Fibrous
	61 b	Tan Base Cove Mastic	n.d.	---------	100% Non-Fibrous
A313-62	62	White/Tan Stucco	n.d.	---------	100% Non-Fibrous
A313-63	63	White/Tan Stucco	n.d.	---------	100% Non-Fibrous
A313-64	64	White/Tan Stucco	n.d.	---------	100% Non-Fibrous
A313-65	65	White/Tan Stucco	n.d.	---------	100% Non-Fibrous
A313-66	66 a	White Paint	n.d.	---------	100% Non-Fibrous
	66 b	Black Roof Tar	n.d.	---------	4% Cellulose 96% Non-Fibrous
	66 c	Black Roof Felt	n.d.	---------	100% Cellulose
A313-67	67	Black Roof Tar	n.d.	---------	4% Cellulose 96% Non-Fibrous
A313-68	68 a	White Paint	n.d.	---------	100% Non-Fibrous
	68 b	Black Roof Tar	n.d.	---------	4% Cellulose 96% Non-Fibrous
	68 c	Black Roof Felt	n.d.	---------	100% Cellulose
A313-69	69	Black Roof Mastic	n.d.	---------	4% Cellulose 96% Non-Fibrous
A313-70	70 a	White Paint	n.d.	---------	100% Non-Fibrous
	70 b	Black HVAC Mastic	n.d.	---------	3% Cellulose 97% Non-Fibrous
A313-71	71	Black/White Vibration Joint	n.d.	---------	4% Cellulose 96% Non-Fibrous
A313-72	72	Black/Gray Roof Mastic	n.d.	---------	3% Cellulose 97% Non-Fibrous
A313-73	73 a	Black Stair Tread	n.d.	---------	100% Non-Fibrous
	73 b	Tan Mastic	n.d.	---------	100% Non-Fibrous
A313-74	74 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	74 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	74 c	White/Tan Gypsum Board	n.d.	---------	5% Cellulose 95% Non-Fibrous
A313-75	75 a	Off-White Paint	n.d.	---------	100% Non-Fibrous
	75 b	White Texture	n.d.	---------	2% Cellulose 98% Non-Fibrous

n.d. = non-detect

Method: Polarized Light Microscopy, EPA Method 600/R-93/116

The result quantitations reported are an estimation based on the methods of visual microscopic estimation, which is considered only a semi-quantitative technique. Also, this report is indicative only of the sample material A.E.S.L. Laboratory received. Results do not necessarily reflect the makeup of the entire span of the material from which the samples were derived. Sampling techniques and/or sample handling may affect the integrity of the sample/s before submission to A.E.S.L. Laboratory and hence the outcome of the laboratory results. Samples not destroyed by testing are retained a minimum of thirty days. A.E.S.L. Laboratory recommends re-analysis by point count or Transmission Electron Microscopy (TEM) for materials that are identified to contain less than ten percent (<10%) asbestos by PLM.

This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of A.E.S.L.

Analyzed by: _____
Ronnie Keneson

QA/QC by : Jerry A. Denton, Laboratory Director

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A.E.S.L. LABORATORY #: 15·A313

Page 1 of 2

POINT COUNT TRACE RESULTS

BULK ASBESTOS SAMPLE
CHAIN OF CUSTODY

PO #: 14-

TURNAROUND TIME: ___HR / Same Day / 24HR / 48HR

Client Name: Krazan & Associates, Inc. Contact: Jeff Noël Phone: (559) 348-2200 Fax: (559) 348-2201

Address: 215 West Dakota Avenue City: Clovis State: California Zip: 93612

PROJECT NAME: Santana Atrium Senior Apts PROJECT ID #: 03415013 DATE SAMPLES TAKEN: 4/6/15

SAMPLES RECV'D (#): _____ DATE RECV'D: _____ CONDITION: _____ SAMPLES ACCEPTED (Y , N): _____ IF NO, WHY? _____

*** SAMPLES TO BE RETURNED TO CLIENT AFTER 30 DAYS OR DISPOSED OF BY A.E.S.L. (D R): D ***

(IF NOT SPECIFIED WILL AUTOMATICALLY BE DISPOSED OF AFTER 30 DAYS)

A.E.S.L. Sample #	Client ID#	Sample Location	Sample Description	A.E.S.L. Sample #	Client ID#	Sample Location	Sample Description
	1	100 N. Winchester Blvd.	GBTM		31	100 N. Winchester Blvd.	GBTM
	2		GBTM		32		GBTM
	3		GBTM		33		Texture
	4		Texture		34		Base cove mastic
	5		Texture		35		Sheet flooring core / mastic
	6		Texture		36		GBTM
	7		2-ft by 2-ft Ceiling panel		37		GBTM
	8		2-ft by 4-ft Ceiling panel		38		GBTM
	9		12-in by 12-in Floor tile / mastic		39		Texture
	10		12-in by 12-in Floor tile / mastic		40		Texture
	11		Base cove mastic		41		Texture
	12		Base cove mastic		42		2-ft by 2-ft Ceiling panel
	13		Base cove mastic		43		12-in by 12-in Floor tile / mastic
	14		GBTM		44		Base cove mastic
	15		GBTM		45		Wallpaper
	16		Texture		46		12-in by 12-in Floor tile / mastic
	17		Texture		47		12-in by 12-in Floor tile / mastic
	18		Paneling mastic		48		GBTM
	19		Base cove mastic		49		GBTM
	20		2-ft by 4-ft Ceiling panel		50		GBTM
	21		2-ft by 2-ft Ceiling panel		51		Texture
	22		Floor tile mastic		52		Texture
	23		GB		53		Texture
	24		GBTM		54		2-ft by 4-ft Ceiling panel
	25		GBTM		55		2-ft by 4-ft Ceiling panel
	26		Texture		56		2-ft by 4-ft Ceiling panel
	27		Texture		57		2-ft by 2-ft Ceiling panel
	28		2-ft by 2-ft Ceiling panel		58		12-in by 12-in Floor tile / mastic
	29		2-ft by 2-ft Ceiling panel		59		12-in by 12-in Floor tile / mastic
	30		Base cove mastic		60		Base cove mastic

A.E.S.L. ENVIRONMENTAL LABORATORY
800 NORTH MARY STREET, SUITE 6
TEMPE, ARIZONA 85281-1945
PHONE (480) 966-3714 FAX (480) 394-0188

RELINQUISHED BY: _____ DATE: 4/6/15

RECEIVED AT A.E.S.L. BY: _____ DATE: 4-8-15

A.E.S.L. LABORATORY #: 15-A313

POINT COUNT TRACE RESULTS

PO #: 14-

Page 2 of 2

BULK ASBESTOS SAMPLE CHAIN OF CUSTODY

TURNAROUND TIME: ___HR / Same Day / 24HR / 48HR

Client Name: Krazan & Associates, Inc. Contact: Jeff Noël Phone: (559) 348-2200 Fax: (559) 348-2201

Address: 215 West Dakota Avenue City: Clovis State: California Zip: 93612

PROJECT NAME: Santana Atrium Senior Apts PROJECT ID #: 0341 5013 DATE SAMPLES TAKEN: 4/6/15

SAMPLES RECV'D (#): _____ DATE RECV'D: _____ CONDITION: _____ SAMPLES ACCEPTED (Y , N): _____ IF NO, WHY? _____

*** SAMPLES TO BE RETURNED TO CLIENT AFTER 30 DAYS OR DISPOSED OF BY A.E.S.L. (D R): D ***

(IF NOT SPECIFIED WILL AUTOMATICALLY BE DISPOSED OF AFTER 30 DAYS)

A.E.S.L. Sample #	Client ID#	Sample Location	Sample Description	A.E.S.L. Sample #	Client ID#	Sample Location	Sample Description
	61	100 N. Winchester Blvd.	Base cove mastic				
	62		Stucco				
	63		Stucco				
	64		Stucco				
	65		Stucco				
	66		Roof core				
	67		Roof tar				
	68		Roof core				
	69		Roof mastic				
	70		HVAC mastic				
	71		Vibration joint				
	72		Roof mastic				
	73		Stair tread / mastic				
	74		GBTM				
	75		Texture				

A.E.S.L. ENVIRONMENTAL LABORATORY
800 NORTH MARY STREET, SUITE 6
TEMPE, ARIZONA 85281-1945
PHONE (480) 966-3714 FAX (480) 394-0188

RELINQUISHED BY: [signature] DATE: 4/6/15

RECEIVED AT A.E.S.L. BY: [signature] DATE: 4.8.15

G:\Env\JNOEL\AESL_COC.XLS

A. E. S. L.
Environmental LABORATORY

A DIVISION OF ALLEN ENVIRONMENTAL CONSULTING L.L.C.
800 North Mary Street • Tempe, Arizona 85281
(480) 966-3714 • Fax (480) 394-0188

BULK ASBESTOS ANALYSIS SUMMARY REPORT

CLIENT NAME: Krazan &Associates, Inc.
215 W. Dakota Avenue
Clovis, CA 93612

DATE OF RECEIPT: April 10, 2015
SAMPLE CONDITION: Good
DATE ANALYZED: April 10, 2015

A.E.S.L. LABORATORY #: 15-A315

PROJECT: Santana Atrium Senior Apartments/034-15013

A.E.S.L. LAB SAMPLE ID #	CLIENT SAMPLE ID #	SAMPLE DESCRIPTION & COLOR	TEST RESULTS Pos. / n.d..	% & Type	OTHER MATERIALS
A315-1	76 a	White/Tan 12x12 Floor Tile	n.d.	---------	100% Non-Fibrous
	76 b	Yellow Mastic	n.d.	---------	100% Non-Fibrous
A315-2	77 a	White/Tan 12x12 Floor Tile	n.d.	---------	100% Non-Fibrous
	77 b	Yellow Mastic	n.d.	---------	100% Non-Fibrous
A315-3	78 a	White Paint	n.d.	---------	100% Non-Fibrous
	78 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	78 c	White/Tan Gypsum Board	n.d.	---------	4% Cellulose 96% Non-Fibrous
A315-4	79 a	White Paint	n.d.	---------	100% Non-Fibrous
	79 b	White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
	79 c	White/Tan Gypsum Board	n.d.	---------	4% Cellulose 96% Non-Fibrous
A315-5	80	Off-White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
A315-6	81	Off-White Texture	n.d.	---------	3% Cellulose 97% Non-Fibrous
A315-7	82	Tan Cove Base Mastic	n.d.	---------	100% Non-Fibrous
A315-8	83	Tan Cove Base Mastic	n.d.	---------	100% Non-Fibrous
A315-9	84	Tan Wallpaper	n.d.	---------	100% Cellulose
A315-10	85 a	White/Grey 12x12 Floor Tile	n.d.	---------	100% Non-Fibrous
	85 b	Yellow Mastic	n.d.	---------	100% Non-Fibrous

n.d. = non-detect

Method: Polarized Light Microscopy, EPA Method 600/R-93/116

The result quantitations reported are an estimation based on the methods of visual microscopic estimation, which is considered only a semi-quantitative technique. Also, this report is indicative only of the sample material A.E.S.L. Laboratory received. Results do not necessarily reflect the makeup of the entire span of the material from which the samples were derived. Sampling techniques and/or sample handling may affect the integrity of the sample/s before submission to A.E.S.L. Laboratory and hence the outcome of the laboratory results. Samples not destroyed by testing are retained a minimum of thirty days. A.E.S.L. Laboratory recommends re-analysis by point count or Transmission Electron Microscopy (TEM) for materials that are identified to contain less than ten percent (<10%) asbestos by PLM.

This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of A.E.S.L.

Analyzed by: Ronnie Keneson
Ronnie Keneson

QA/QC by : Jerry A. Denton, Laboratory Director

Z:\AESL\bulk\15-a000\15-A315.doc

A.E.S.L LABORATORY #: 15-A315

POINT COUNT TRACE RESULTS

PO #: 14-

Page 1 of 1

BULK ASBESTOS SAMPLE CHAIN OF CUSTODY

TURNAROUND TIME: ___HR / Same Day / 24HR / 48HR

Client Name: Krazan & Associates, Inc. Contact: Jeff Noël Phone: (559) 348-2200 Fax: (559) 348-2201

Address: 215 West Dakota Avenue City: Clovis State: California Zip: 93612

PROJECT NAME: Santana Atrium Senior Apts PROJECT ID #: 034-15013 DATE SAMPLES TAKEN: 4/8/15

SAMPLES RECV'D (#): _____ DATE RECV'D: _____ CONDITION: _____ SAMPLES ACCEPTED (Y , N): _____ IF NO, WHY? _____

*** SAMPLES TO BE RETURNED TO CLIENT AFTER 30 DAYS OR DISPOSED OF BY A.E.S.L. (D R): D ***

(IF NOT SPECIFIED WILL AUTOMATICALLY BE DISPOSED OF AFTER 30 DAYS)

A.E.S.L. Sample #	Client ID#	Sample Location	Sample Description	A.E.S.L. Sample #	Client ID#	Sample Location	Sample Description
	76	100 N. Winchester Blvd.	12-in by 12-in Floor tile / mastic				
	77		12-in by 12-in Floor tile / mastic				
	78		GBTM				
	79		GBTM				
	80		Texture				
	81		Texture				
	82		Base cove mastic				
	83		Base cove mastic				
	84		Wallpaper				
	85		12-in by 12-in Floor tile / mastic				

A.E.S.L. ENVIRONMENTAL LABORATORY
800 NORTH MARY STREET, SUITE 6
TEMPE, ARIZONA 85281-1945
PHONE (480) 966-3714 FAX (480) 394-0188

RELINQUISHED BY: [signature] DATE: 4/8/15

RECEIVED AT A.E.S.L. BY: [signature] DATE: 4.10.15 11:30

G:\Env\JNOEL\AESL_COC.XLS

Appendix B

STATE OF CALIFORNIA Edmund G. Brown, Jr. *Governor*

DEPARTMENT OF INDUSTRIAL RELATIONS
Division of Occupational Safety and Health
Asbestos Unit
2424 Arden Way, Suite 495
Sacramento, CA 95825-2417
(916) 574-2993 Office (916) 483-0572 Fax
http://www.dir.ca.gov/dirdatabases.html actu@dir.ca.gov

009132828C **210**

August 11, 2014

Jeffrey Ronald Noel
1055 Chennault Ave
Clovis **, CA 93611**

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

Please contact our office at the above address, fax number or email; of any changes in your contact/mailing information within 15 days of the change.

Sincerely,

Jeff Ferrell
Senior Safety Engineer

Attachment: Certification Card

cc: File

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Jeffrey Ronald Noel
Name
Certification No. **00-2828**
Expires on **10/18/15**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

Renewal – Card Attached (Revised 10/24/2012)

LEAD-BASED PAINT SURVEY
SANTANA ATRIUM SENIOR APARTMENTS
100 NORTH WINCHESTER BOULEVARD
SANTA CLARA, CALIFORNIA

Project No. 034-15013
April 16, 2015

Prepared for:
Royce Patch
USA Properties Fund, Inc.
3200 Douglas Boulevard, Suite 200
Roseville, California 95661
(916) 724-3840

Prepared by:
Krazan & Associates, Inc.
215 West Dakota Avenue
Clovis, California 93612
(559) 348-2200

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Project No. 034-15013

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DPH Certifications ..... B

April 16, 2015 Project No. 034-15013

LEAD-BASED PAINT SURVEY
SANTANA ATRIUM SENIOR APARTMENTS
100 NORTH WINCHESTER BOULEVARD
SANTA CLARA, CALIFORNIA

1.0 INTRODUCTION

This report presents the results of our lead-based paint survey for the structure located at 100 N. Winchester Blvd. in Santa Clara, California. The lead-based paint survey was conducted under the conditions of Krazan & Associates, Inc.'s (Krazan's) Proposal No. P15-089, dated March 17, 2015. Royce Patch gave written authorization on March 18, 2015, for Krazan to proceed with the lead-based paint survey.

2.0 PURPOSE AND SCOPE OF WORK

The purpose of the lead-based paint survey was to identify and quantify the presence of potential lead-based paints (LBPs) at the on-site structure. The scope of work for the limited LBP survey included conducting a visual survey of the structure, conducting bulk sampling and analysis of materials suspected to contain lead.

3.0 BUILDING DESCRIPTION

The site is located on the west side of Winchester, north of Stevens Creek in Santa Clara, California. The structure was a three-story structure with concrete slab-on-grade foundation, stucco, wood, and brick exterior walls, with built-up (tar and felt) roofing. Interior construction included gypsum board and suspended ceilings with two-foot by two-foot and two-foot by four-foot ceiling panels; gypsum board, wood, brick, open-framed, glass, and ceramic tiled walls; and wood/concrete floors overlain (in areas) by wall-to-wall carpeting, floor tiles, and ceramic tiles.

4.0 INVESTIGATIVE METHODS

4.1 Sampling Protocols

Thirty-five (35) samples of suspected LBPs were collected from the on-site structure. Representative samples were collected from painted surfaces that visually appeared to contain various types of paint. Every attempt was made to identify unique paint and/or surface types. However, a chance exists that: 1) different paints are not visually distinct, 2) hidden surfaces exist, or 3) areas that were painted with different and distinct paint types are now covered by a single overlay. Sample locations for this survey were determined by the inspector and were selected in a random fashion after homogeneous areas were identified.

Sample locations for this survey were chosen in a semi-random fashion with emphasis placed on minimizing damage to the sampled materials. The samples were collected by carefully removing a small amount of the suspect material, with every attempt to separate the paint from the substrate. If possible, samples were collected from existing damaged areas or loose pieces of materials. Each sample was placed in a separate sealed plastic bag, and labeled with the project number and sample number.

4.2 Laboratory Analytical Methods

Paint chip samples were analyzed by Environmental Hazards Services of Richmond, Virginia, to detect the presence of total lead in accordance with EPA Method 7420. Copies of the analytical results and Chain-of-Custody Record are included in Appendix A.

5.0 RESULTS OF INVESTIGATION

As stated previously, 35 samples of suspected LBPs were collected from throughout the structure. Analytical laboratory results and field observations of the materials sampled have been summarized on Table I, following the text of this report. Information presented within the table includes the sample number, the room equivalent, building component, substrate, testing location, lead content, the volume of LBP identified (typically expressed in square feet), and the condition of the material sampled. In addition, footnotes have been provided to convey pertinent information regarding the specific sample.

<u>The following paints contained 0.5% or greater total lead by weight and are defined as lead-based paint:</u>
None of the paints sampled contained 0.5% or greater total lead by weight.

The following paints contained greater than 0.009% total lead by weight and are defined as lead-containing paint:

Off-white metal door frame – suite 252 (Sample No. 15)

Off-white metal door frame – suite 260 (Sample No. 17)

Off-white gypsum board wall – suite 366 (Sample No. 18)

Off-white gypsum board wall – suite 355 (Sample No. 20)

Orange wood wall – exterior (Sample No. 24)

Orange brick wall – exterior (Sample No. 25)

Brown wood beam – exterior (Sample No. 26)

Off-white wood ceiling – exterior (Sample No. 27)

Gray metal stairwell railing – exterior (Sample No. 29)

The paints on the exterior and interior of the building surveyed were generally in good condition.

6.0 CONCLUSIONS

Occupational exposure to lead is regulated by both the Federal Occupational Safety and Health Administration (OSHA) (29 CFR 1926.62) and California OSHA (Title 8, GISO 5198 and CSO 1532.1). Based on Federal and California OSHA, when disturbing paints which contain lead (any amount of detectable lead), the above-noted OSHA and California OSHA regulations should be followed. Furthermore, the United States Department of Housing and Urban Development (HUD) publication entitled "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing," dated 1995, outlines specific guidelines for disrupting paint with lead in excess of 5,000 mg/kg (lead-based paint). These guidelines have been developed primarily to address conditions within buildings utilized for residential purposes. In addition, industry accepted standards also suggest that building owners notify occupants regarding the presence, location, and extent of lead-based paints. Records of all notifications and reports must be maintained for the duration of ownership and must be transferred to successive owners.

All construction work where an employee may be occupationally exposed to lead containing paint, including building renovation and demolition, must comply with OSHA Regulation 29 CFR 1926.62 and California OSHA Title 8, CSO 1532.1. This regulation requires initial employee exposure monitoring to evaluate worker exposure during work that disturbs lead containing paint. Krazan suggests that

engineering controls and air monitoring for airborne lead be conducted at the start of projects in which worker exposure to lead containing paint is likely.

Demolition of buildings containing lead-based paint is not specifically regulated by the Bay Area Air Quality Management District (AQMD). General requirements for building demolition, however, such as dust control, must be strictly followed. Also, building components which have been identified as being coated with LBPs must be handled and disposed of as a Hazardous Waste and cannot be discarded as general construction debris.

7.0 LIMITATIONS

This survey and review of the subject property has been limited in scope. This investigation is undertaken with the calculated risk that the presence, full nature, and extent of lead-containing paints would not be revealed by visual observation and sampling alone. Krazan & Associates, Inc. makes no representation as to the lead content of paints not sampled or that were inaccessible to our inspector.

The findings of this report were based upon the results of our site inspection, paint chip sampling, along with the interpretation of paint chip analysis results. Lead-paint testing was done by a laboratory certified by the State of California Department of Public Health (DPH) and accredited as an AIHA Environmental Lead Laboratory Accreditation Program (ELLAP) laboratory. Therefore, the data are accurate only to the degree implied by review of the data obtained and by professional interpretation, and the degree of care of ensuring the testing accuracy and the representative nature of the samples obtained. The findings presented herewith are based on professional interpretation using state of the art methods and equipment and a degree of conservatism deemed proper as of this report date. It is not warranted that such data cannot be superseded by future environmental or technical developments.

This lead-based paint survey is not intended to be the sole basis of lead paint removal bids. Confirmation of specific lead-based paint and volumes should be conducted by prospective removal contractors prior to accepting removal bids. This report is provided for the exclusive use of the client noted on the cover page and is subject to the terms and conditions in the applicable contract between the client and Krazan. The client is the only party to whom Krazan has explained the risks involved and has been involved in the shaping of the scope of services needed to satisfactorily manage those risks, if any, from the client's point of view. Any third party use of this report, including use by Client's lender, prospective purchaser, or lessee will be subject to the terms and conditions governing the contractual work in the contract between

the client and Krazan. The unauthorized use of, release of, or reliance on the information contained in this report, without the expressed written consent of Krazan & Associates, Inc., is strictly prohibited and will be without risk or liability to Krazan.

If you have any questions or if we may be of further assistance, please do not hesitate to contact our office at (559) 348-2200.

Respectfully submitted,
KRAZAN & ASSOCIATES, INC.

Jeffrey R. Noël
DPH Certified Lead Inspector/Assessor
No. 7028

JRN/al

2c: herewith

TABLE I

LEAD-BASED PAINT SURVEY RESULTS

Santana Atrium Senior Apartments

100 North Winchester Boulevard

Santa Clara, California

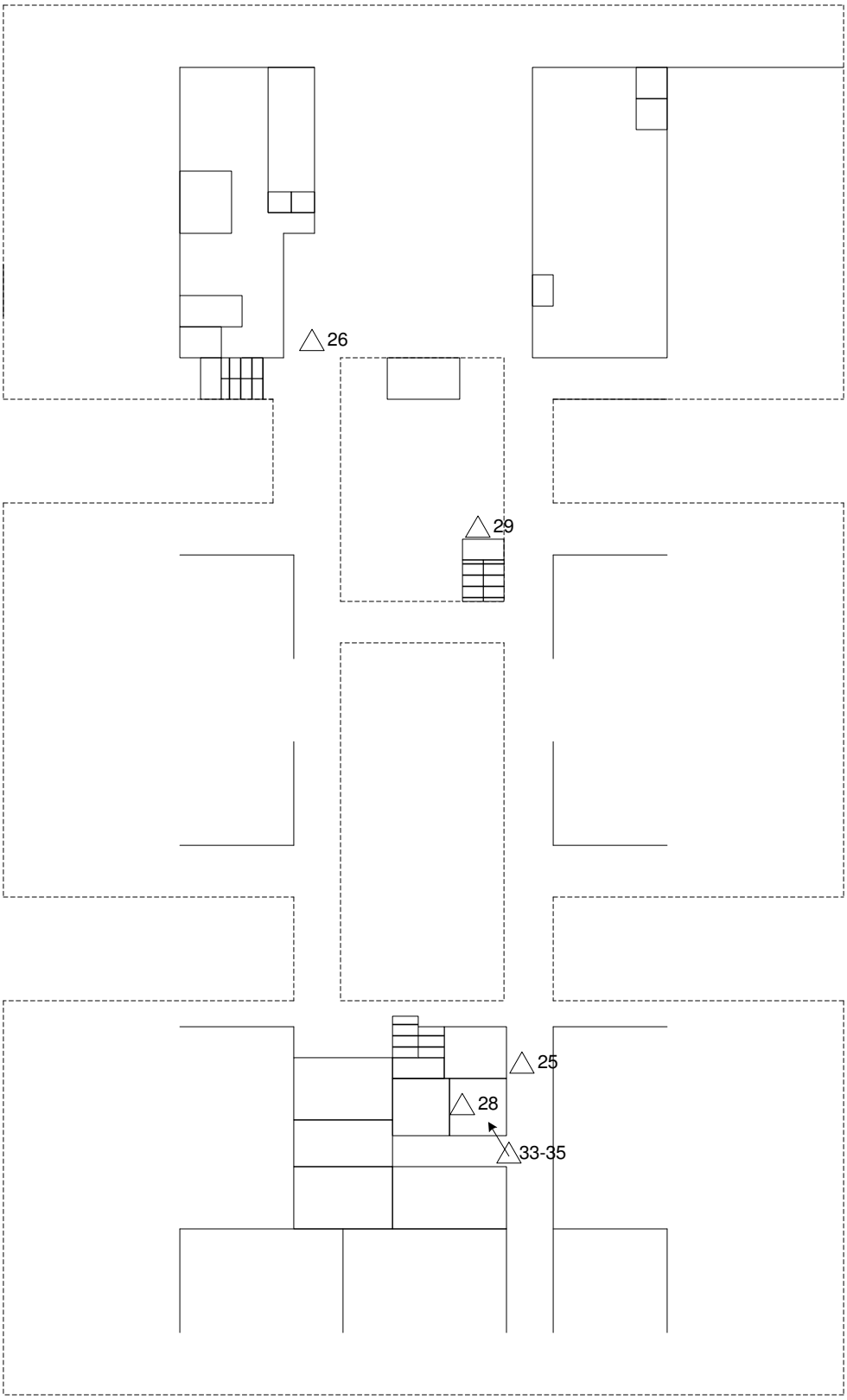
April 6 & 8, 2015 Sampling

Sample No.	Floor	Sample Location / Suite	Paint Sampled	Lead content % by weight	Volume est. in sq. ft.	Condition	Notes/ Additional locations
1	2	210	gypsum board wall	0.0056	NC	good	off-white
2	2	210	gypsum board wall	0.0056	NC	good	gray
3	2	220	gypsum board wall	<0.0049	NC	good	off-white
4	2	220	metal door frame	<0.0047	NC	good	off-white
5	2	220	wood door	<0.0037	NC	good	lavender
6	2	240	gypsum board wall	<0.0035	NC	good	off-white
7	2	240	metal door frame	<0.0043	NC	good	off-white
8	2	275	gypsum board wall	<0.0047	NC	good	off-white
9	2	275	metal door frame	<0.0040	NC	good	off-white
10	2	250	gypsum board wall	<0.0050	NC	good	peach
11	2	250	gypsum board wall	<0.0049	NC	good	blue
12	2	250	gypsum board wall	<0.0037	NC	good	off-white
13	2	250	metal door frame	<0.0043	NC	good	off-white
14	2	252	gypsum board wall	0.0050	NC	good	off-white
15	*2*	*252*	*metal door frame*	*0.047*	*NC*	*good*	*off-white*
16	2	260	gypsum board wall	0.0048	NC	good	off-white
17	*2*	*260*	*metal door frame*	*0.029*	*NC*	*good*	*off-white*
18	*3*	*366*	*gypsum board wall*	*0.031*	*NC*	*good*	*off-white*
19	3	366	metal door frame	<0.0039	NC	good	off-white
20	*3*	*355*	*gypsum board wall*	*0.014*	*NC*	*good*	*off-white*
21	3	355	metal door frame	<0.0041	NC	good	off-white
22	3	395	gypsum board wall	0.0074	NC	good	off-white
23	3	395	metal door frame	<0.0062	NC	good	off-white
24	*2*	*exterior*	*wood siding*	*0.063*	*NC*	*good*	*orange*
25	*1*	*exterior*	*brick wall*	*0.015*	*NC*	*good*	*orange*
26	*1*	*exterior*	*wood beam*	*0.046*	*NC*	*good*	*brown*
27	*3*	*exterior*	*wood ceiling*	*0.050*	*NC*	*good*	*off-white*
28	1	men's restroom	gypsum board wall	0.0082	NC	good	beige
29	*1*	*stairwell*	*metal railing*	*0.059*	*NC*	*good*	*gray*
30	3	368	gypsum board wall	0.0042	NC	good	green
31	3	368	gypsum board wall	<0.0045	NC	good	blue
32	2	270	gypsum board wall	<0.0038	NC	good	beige
33	1	men's restroom	ceramic tile	<0.0037	NC	good	blue
34	1	men's restroom	ceramic tile	<0.0034	NC	good	tan smooth
35	1	men's restroom	ceramic tile	<0.0039	NC	good	tan textured

NOTE: Lead-based paint is defined as paint containing 0.5% or greater lead by weight. NC = Not calculated

Lead containing paint is defined as paint containing greater than 0.009% lead by weight.

Bold text items are considered Lead-based paint Italic text items are considered Lead-containing paint

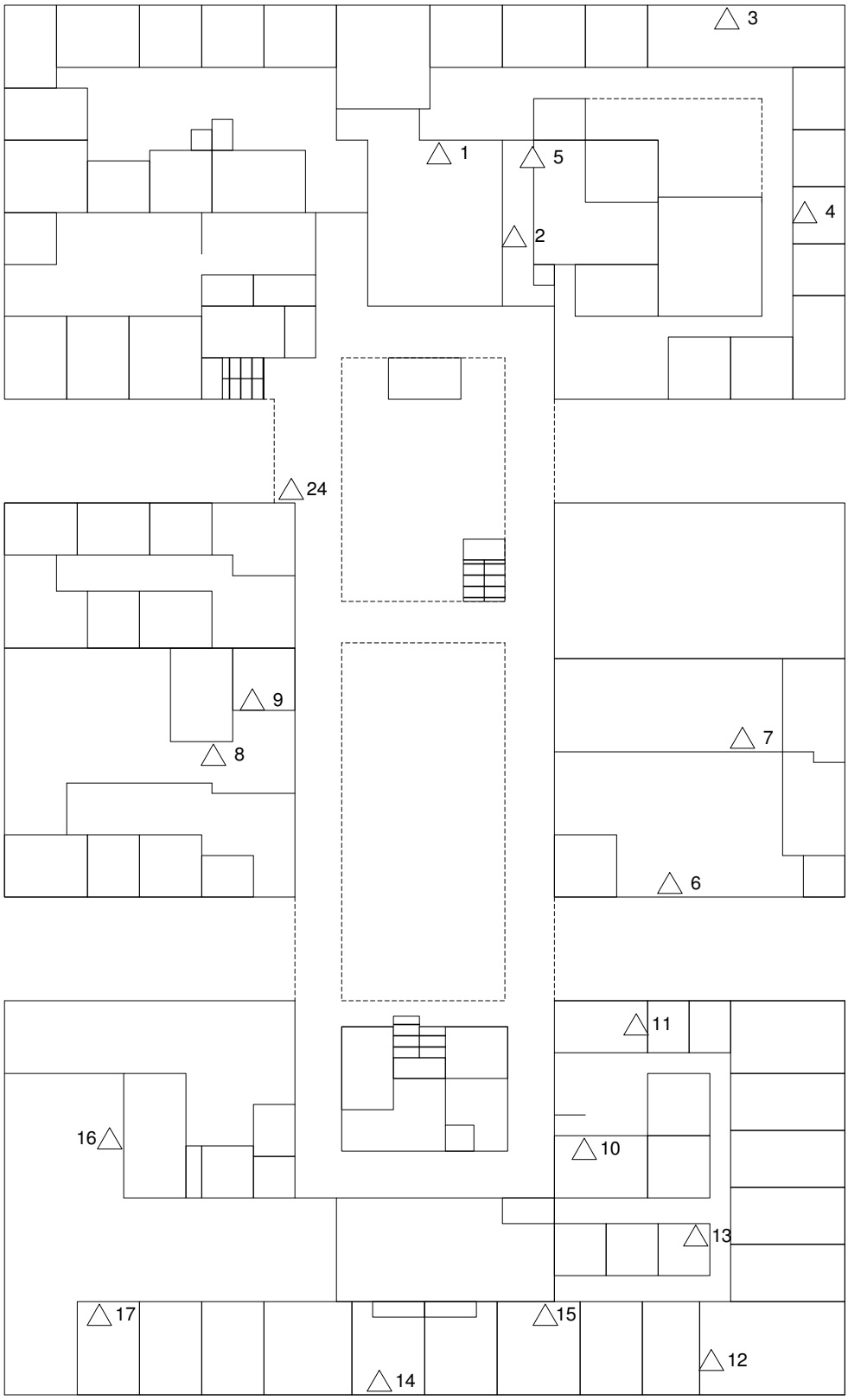


EXPLANATION

△ PAINT SAMPLE LOCATION

1st Floor

FLOOR PLAN WITH PAINT SAMPLE LOCATIONS SANTANA ATRIUM SENIOR APARTMENTS 100 NORTH WINCHESTER BOULEVARD SANTA CLARA, CALIFORNIA	Scale: NOT TO SCALE	Date: 4 / 15	Krazan ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SPECIALISTS Offices Serving the Western United States
	Drawn by: J. R. N.	Approved by: J.R.N	
	Project No. 034-15013	Figure No. 1	

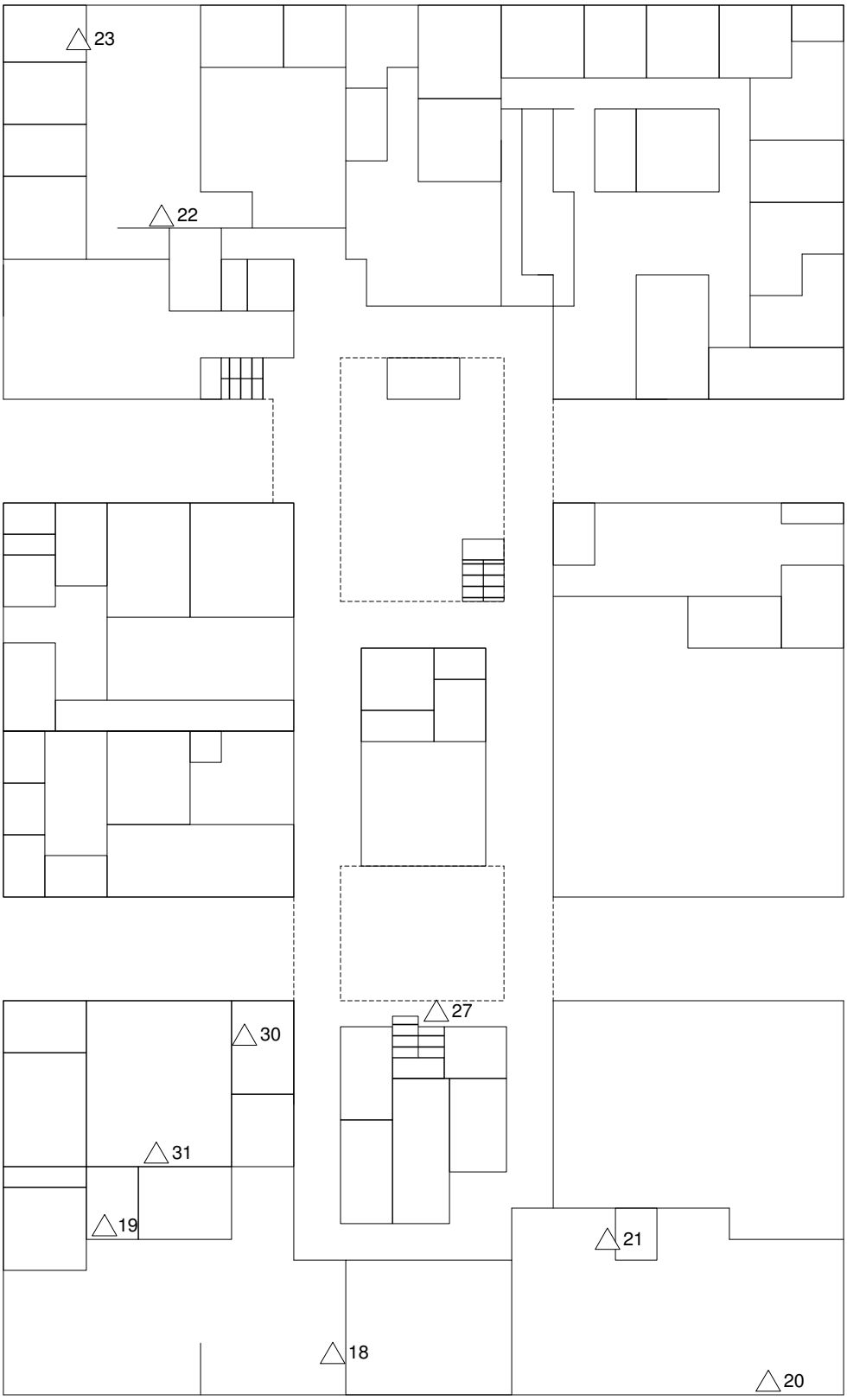


EXPLANATION

△ PAINT SAMPLE LOCATION

2nd Floor

FLOOR PLAN WITH PAINT SAMPLE LOCATIONS SANTANA ATRIUM SENIOR APARTMENTS 100 NORTH WINCHESTER BOULEVARD SANTA CLARA, CALIFORNIA	Scale: NOT TO SCALE	Date: 4 / 15	Krazan ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SPECIALISTS Offices Serving the Western United States
	Drawn by: J. R. N.	Approved by: J.R.N	
	Project No. 034-15013	Figure No. 2	



EXPLANATION

△ PAINT SAMPLE LOCATION

3rd Floor

FLOOR PLAN WITH PAINT SAMPLE LOCATIONS SANTANA ATRIUM SENIOR APARTMENTS 100 NORTH WINCHESTER BOULEVARD SANTA CLARA, CALIFORNIA	Scale: NOT TO SCALE	Date: 4 / 15	Krazan ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SPECIALISTS Offices Serving the Western United States
	Drawn by: J. R. N.	Approved by: J.R.N	
	Project No. 034-15013	Figure No. 3	

Appendix A

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Lead Paint Chip Analysis Report

Report Number: 15-04-01029

Client: Krazan & Associates Inc.
215 West Dakota Ave
Clovis, CA 93612

Received Date: 04/08/2015
Analyzed Date: 04/13/2015
Reported Date: 04/13/2015

Project/Test Address: 034-15013; Santana Atrium Senior Apts.; 100 N. Winchester BLVD
Collection Date: 04/06/2015

Client Number: 05-5650

Laboratory Results

Fax Number: 559-348-2201

Lab Sample Number	Client Sample Number	Collection Location	Pb (ug/g) ppm	% Pb by Wt.	Narrative ID
15-04-01029-001	1		56	0.0056	
15-04-01029-002	2		56	0.0056	
15-04-01029-003	3		<49	<0.0049	
15-04-01029-004	4		<47	<0.0047	
15-04-01029-005	5		<37	<0.0037	
15-04-01029-006	6		<35	<0.0035	
15-04-01029-007	7		<43	<0.0043	
15-04-01029-008	8		<47	<0.0047	
15-04-01029-009	9		<40	<0.0040	
15-04-01029-010	10		<50	<0.0050	
15-04-01029-011	11		<49	<0.0049	

Environmental Hazards Services, L.L.C

Client Number: 05-5650 Report Number: 15-04-01029

Project/Test Address: 034-15013; Santana Atrium Senior Apts.; 100 N. Winchester BLVD

Lab Sample Number	Client Sample Number	Collection Location	Pb (ug/g) ppm	% Pb by Wt.	Narrative ID
15-04-01029-012	12		<37	<0.0037	
15-04-01029-013	13		<43	<0.0043	
15-04-01029-014	14		50	0.0050	
15-04-01029-015	15		470	0.047	
15-04-01029-016	16		48	0.0048	
15-04-01029-017	17		290	0.029	
15-04-01029-018	18		310	0.031	
15-04-01029-019	19		<39	<0.0039	
15-04-01029-020	20		140	0.014	
15-04-01029-021	21		<41	<0.0041	
15-04-01029-022	22		74	0.0074	
15-04-01029-023	23		<62	<0.0062	
15-04-01029-024	24		630	0.063	
15-04-01029-025	25		150	0.015	
15-04-01029-026	26		460	0.046	
15-04-01029-027	27		500	0.050	
15-04-01029-028	28		82	0.0082	

Environmental Hazards Services, L.L.C

Client Number: 05-5650 Report Number: 15-04-01029

Project/Test Address: 034-15013; Santana Atrium Senior Apts.; 100 N. Winchester BLVD

Lab Sample Number	Client Sample Number	Collection Location	Pb (ug/g) ppm	% Pb by Wt.	Narrative ID
15-04-01029-029	29		590	0.059	

Sample Narratives:

Method: EPA SW846 7000B

Reviewed By Authorized Signatory: Deborah Britt

Deborah Britt
QA/QC Clerk

The HUD lead guidelines for lead paint chips are 0.50% by Weight, 5000 ppm, or 1.0 mg/cm². The Reporting Limit (RL) is 10.0 ug Total Pb. Paint chip area and results are calculated based on area measurements determined by the client. All internal quality control requirements associated with this batch were met, unless otherwise noted.

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, etc., was provided by the client. Results reported above in mg/cm3 are calculated based on area supplied by client. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714.

LEGEND	Pb= lead	ug = microgram	ppm = parts per million
	ug/g = micrograms per gram	Wt. = weight	

1 of 2

ENVIRONMENTAL HAZARD SERVICES, L.L.C.
7469 WHITE PINE ROAD - RICHMOND, VA 23237 PHONE (804) 275-4788 FAX (804) 275-4907

CHAIN OF CUSTODY FORM

Company Name:	Krazan & Associates, Inc.	Date:	4/6/2015
Address:	215 West Dakota Avenue	Contact Name:	Jeff Noël
City, State, Zip:	Clovis, CA 93612	Sampler Name:	Jeff Noël
EHS Client Account #:	5-5650 D	Project #:	034-15013
Phone #:	(559) 348-2200 FAX: (559) 348-2201		Santana Atrium Senior Apts.
			100 N. Winchester Blvd.
P.O. #:			

Sample Number	Sample Date & Time	Asbestos: Bulk ID by PLM	Asbestos: (PCM) Fiber Count	Asbestos: PLM Point Count	Asbestos: PLM Gravimetric	Asbestos: TEM AHERA (Air)	Asbestos: TEM Chatfield (Bulk)	Lead: Air	Lead: Paint (%)	Lead: Paint (PPM)	Lead: Paint (mg/cm²)	Lead: Soil	Lead: Wipe * (See Note)	Lead: TCLP (Pb)	Lead: Waste Water	Other Metals (Specify metals below): TCLP RCRA 8	Other Metals: Welding Fume	Other Metals: Toxic Metal Profile			Particulate: Air Volume (L) OR Area (ft²) OR Wipe Scrape Area (cm²)	Total Nuisance (NIOSH 0500) ☐ Respirable (NIOSH 0600) ☐ Comments
1	4/6/2015								X	X												15-04-01029
2									X	X												
3									X	X												Due Date:
4									X	X												
5									X	X												
6									X	X												04/13/2015
7									X	X												(Monday)
8									X	X												EL
9									X	X												
10									X	X												
11									X	X												
12									X	X												
13									X	X												
14									X	X												
15									X	X												
16									X	X												
17									X	X												
18									X	X												
19									X	X												
20									X	X												

* Do wipe samples submitted meet ASTM E1792 requirements? Yes ☐ No ☐

Released By: Jeff Noël	Signature: [signature]	Date/Time: 4/6/15 1800
Received By: GREG	Signature: [signature]	Date/Time: 4-8-15

2 of 2

1029

ENVIRONMENTAL HAZARD SERVICES, L.L.C.
7469 WHITE PINE ROAD - RICHMOND, VA 23237 PHONE (804) 275-4788 FAX (804) 275-4907

CHAIN OF CUSTODY FORM

Company Name:	Krazan & Associates, Inc.	Date:	4/6/2015
Address:	215 West Dakota Avenue	Contact Name:	Jeff Noël
City, State, Zip:	Clovis, CA 93612	Sampler Name:	Jeff Noël
EHS Client Account #:	5-5650 D	Project #:	034-15013
Phone #:	(559) 348-2200 FAX: (559) 348-2201		Santana Atrium Senior Apts.
			100 N. Winchester Blvd.
P.O. #:			

Sample Number	Sample Date & Time	Asbestos: Bulk ID by PLM	Asbestos: (PCM) Fiber Count	Asbestos: PLM Point Count	Asbestos: PLM Gravimetric	Asbestos: TEM AHERA (Air)	Asbestos: TEM Chatfield (Bulk)	Lead: Air	Lead: Paint (%)	Lead: Paint (PPM)	Lead: Paint (mg/cm^2)	Lead: Soil	Lead: Wipe * (See Note)	Lead: TCLP (Pb)	Lead: Waste Water	Other Metals (Specify metals below): TCLP RCRA 8	Other Metals: Welding Fume	Other Metals: Toxic Metal Profile			Particulate: Air Volume (L) OR Area (ft^2) OR Wipe Scrape Area (cm^2)	Total Nuisance (NIOSH 0500) ☐ Respirable (NIOSH 0600) ☐ Comments
21	4/6/2015								X	X												
22									X	X												
23									X	X												
24									X	X												
25									X	X												
26									X	X												
27									X	X												
28									X	X												
29									X	X												

21 – 29

* Do wipe samples submitted meet ASTM E1792 requirements? Yes ☐ No ☐

Released By:	Jeff Noel	Signature:	[signature]	Date/Time:	4/6/15 1800
Received By:	GREG	Signature:	[signature]	Date/Time:	4-8-15

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Lead Paint Chip Analysis Report

Report Number: 15-04-01587

Client: Krazan & Associates Inc.
215 West Dakota Ave
Clovis, CA 93612

Received Date: 04/13/2015
Analyzed Date: 04/16/2015
Reported Date: 04/16/2015

Project/Test Address: 034-15013; Santana Atrium Senior Apts; 100 N Winchester Blvd
Collection Date: 04/08/2015

Client Number: 05-5650

Laboratory Results

Fax Number: 559-348-2201

Lab Sample Number	Client Sample Number	Collection Location	Pb (ug/g) ppm	% Pb by Wt.	Narrative ID
15-04-01587-001	30		42	0.0042	
15-04-01587-002	31		<45	<0.0045	
15-04-01587-003	32		<38	<0.0038	
15-04-01587-004	33		<37	<0.0037	
15-04-01587-005	34		<34	<0.0034	
15-04-01587-006	35		<39	<0.0039	

Environmental Hazards Services, L.L.C

Client Number: 05-5650 Report Number: 15-04-01587

Project/Test Address: 034-15013; Santana Atrium Senior Apts; 100 N Winchester Blvd

Lab Sample Number	Client Sample Number	Collection Location	Pb (ug/g) ppm	% Pb by Wt.	Narrative ID

Sample Narratives:

Method: EPA SW846 7000B

Reviewed By Authorized Signatory: Deborah Britt

Deborah Britt
QA/QC Clerk

The HUD lead guidelines for lead paint chips are 0.50% by Weight, 5000 ppm, or 1.0 mg/cm². The Reporting Limit (RL) is 10.0 ug Total Pb. Paint chip area and results are calculated based on area measurements determined by the client. All internal quality control requirements associated with this batch were met, unless otherwise noted.

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, etc., was provided by the client. Results reported above in mg/cm3 are calculated based on area supplied by client. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714.

LEGEND	Pb= lead	ug = microgram	ppm = parts per million
	ug/g = micrograms per gram	Wt. = weight	

ENVIRONMENTAL HAZARD SERVICES, L.L.C.

7469 WHITE PINE ROAD - RICHMOND, VA 23237 PHONE (804) 275-4788 FAX (804) 275-4907

CHAIN OF CUSTODY FORM

Company Name:	Krazan & Associates, Inc.	Date:	4/8/2015
Address:	215 West Dakota Avenue	Contact Name:	Jeff Noël
City, State, Zip:	Clovis, CA 93612	Sampler Name:	Jeff Noël
EHS Client Account #:	5-5650 D	Project #:	034-15013
Phone #:	(559) 348-2200 FAX: (559) 348-2201		Santana Atrium Senior Apts.
			100 N. Winchester Blvd.
P.O. #:			

Sample Number	Sample Date & Time	Asbestos						Lead								Other Metals (Specify metals below)					Particulate:	Total Nuisance (NIOSH 0500) ☐ Respirable (NIOSH 0600) ☐
		Bulk ID by PLM	(PCM) Fiber Count	PLM Point Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm^2)	Soil	Wipe * (See Note)	TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume	Toxic Metal Profile			Air Volume (L) OR Wipe Area (ft^2) OR Scrape Area (cm^2)	Comments
30	4/8/2015								X	X												
31									X	X												
32									X	X												
33									X	X												
34									X	X												
35									X	X												

15-04-01587

Due Date:
04/16/2015
(Thursday)
EL

* Do wipe samples submitted meet ASTM E1792 requirements? Yes ☐ No ☐

Released By:	Jeff Noël	Signature:	[signature]	Date/Time:	4/8/15 1700
Received By:	Melissa Lusade	Signature:	[signature]	Date/Time:	4/13/15

Appendix B

Mr. Jeffrey R. Noel
1055 Chennault Avenue
Clovis, California 93611