LABORATORY REPORT

K PRIME PROJECT: 9946

CLIENT PROJECT: REGIS.LOSALTOS (17.03 TASK 1.0)

SAMPLE ID: W-12-1 LAB NO: 157209

DATE SAMPLED: 08/08/2017

TIME SAMPLED: 15:25

BATCH NO: 073117S1

DATE EXTRACTED: 08/09/2017

DATE ANALYZED: 08/11/2017

**METHOD: POLYCHLORINATED BIPHENYLS** 

**REFERENCE: EPA 3550/8082** 

**SAMPLE TYPE: SOIL** 

UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
AROCLOR 1016	12674-11-2	25.0	ND
AROCLOR 1221	11104-28-2	25.0	ND
AROCLOR 1232	11141-16-5	25.0	ND
AROCLOR 1242	53469-21-9	25.0	ND
AROCLOR 1248	12672-29-6	25.0	ND
AROCLOR 1254	11097-69-1	25.0	ND
AROCLOR 1260	11096-82-5	25.0	ND

SURROGATE RECOVERY	%   99		
TCMX			
DCBP	110		

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY:

DATE: \$\(\frac{17}{2017}\)

SAMPLE ID: W-5-1 LAB NO: 157207 DATE SAMPLED: 08/08/2017

K PRIME PROJECT: 9946 TIME SAMPLED: 9:10
CLIENT PROJECT: REGIS.LOSALTOS (17.03 TASK 1.0) BATCH ID: 080917S1

METHOD: TOTAL METALS BY ICP/MS SAMPLE TYPE: SOIL REFERENCE: EPA 3050B/6020A UNITS: mg/kg

ELEMENT		DATE	REPORTING	SAMPLE
NAME		ANALYZED	LIMIT	CONC
ANTIMONY	Sb	08/10/2017	2.50	ND
ARSENIC	As	08/10/2017	2.50	ND
BARIUM	Ba	08/10/2017	2.50	143
BERYLLIUM	Be	08/10/2017	2.50	ND
CADMIUM	Cd	08/10/2017	2.50	ND
CHROMIUM	Cr	08/10/2017	2.50	128
COBALT	Co	08/10/2017	2.50	24.7
COPPER	Cu	08/10/2017	2.50	62.4
LEAD	Pb	08/10/2017	2.50	55.2
MERCURY	Hg	08/10/2017	0.100	0.222
MOLYBDENUM	Mo	08/10/2017	2.50	ND
NICKEL	Ni	08/10/2017	2.50	87.8
SELENIUM	Se	08/10/2017	2.50	ND
SILVER	Ag	08/10/2017	2.50	ND
THALLIUM	TI	08/10/2017	2.50	ND
VANADIUM	V	08/10/2017	2.50	123
ZINC	Zn	08/10/2017	2.50	117

#### NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY:

SAMPLE ID: W-9-1 LAB NO: 157208 DATE SAMPLED: 08/08/2017 TIME SAMPLED: 12:45

**K PRIME PROJECT: 9946** 

CLIENT PROJECT: REGIS.LOSALTOS (17.03 TASK 1.0)

BATCH ID: 080917S1

METHOD: TOTAL METALS BY ICP/MS

SAMPLE TYPE: SOIL

REFERENCE: EPA 3050B/6020A

UNITS: mg/kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE
ANTIMONY	Sb	08/10/2017	2.50	ND
ARSENIC	As	08/10/2017	2.50	ND
BARIUM	Ba	08/10/2017	2.50	31.9
BERYLLIUM	Be	08/10/2017	2.50	ND
CADMIUM	Cd	08/10/2017	2.50	ND
CHROMIUM	Cr	08/10/2017	2.50	62.9
COBALT	Co	08/10/2017	2.50	22.9
COPPER	Cu	08/10/2017	2.50	62.7
LEAD	Pb	08/10/2017	2.50	ND
MERCURY	Hg	08/10/2017	0.100	ND
MOLYBDENUM	Mo	08/10/2017	2.50	ND
NICKEL	Ni	08/10/2017	2.50	48.9
SELENIUM	Se	08/10/2017	2.50	ND
SILVER	Ag	08/10/2017	2.50	ND
THALLIUM	TI	08/10/2017	2.50	ND
VANADIUM	V	08/10/2017	2.50	105
ZINC	Zn	08/10/2017	2.50	58.4

#### NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY:

DATE: 8/11/2017

SAMPLE ID: W-13-1 LAB NO: 157210 DATE SAMPLED: 08/08/2017

K PRIME PROJECT: 9946 TIME SAMPLED: 15:20 CLIENT PROJECT: REGIS.LOSALTOS (17.03 TASK 1.0) BATCH ID: 080917S1

METHOD: TOTAL METALS BY ICP/MS SAMPLE TYPE: SOIL REFERENCE: EPA 3050B/6020A UNITS: mg/kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
ANTIMONY	Sb	08/10/2017	2.50	ND
ARSENIC	As	08/10/2017	2.50	ND
BARIUM	Ba	08/10/2017	2.50	124
BERYLLIUM	Be	08/10/2017	2.50	ND
CADMIUM	Cd	08/10/2017	2.50	ND
CHROMIUM	Cr	08/10/2017	2.50	147
COBALT	Co	08/10/2017	2.50	28.7
COPPER	Cu	08/10/2017	2.50	48.6
LEAD	Pb	08/10/2017	2.50	5.33
MERCURY	Hg	08/10/2017	0.100	ND
MOLYBDENUM	Мо	08/10/2017	2.50	4.56
NICKEL	Ni	08/10/2017	2.50	97.6
SELENIUM	Se	08/10/2017	2.50	ND
SILVER	Ag	08/10/2017	2.50	ND
THALLIUM	TI	08/10/2017	2.50	ND
VANADIUM	V	08/10/2017	2.50	134
ZINC	Zn	08/10/2017	2.50	54.5

#### **NOTES:**

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY:

DATE: 61

SAMPLE ID: W-14-1 LAB NO: 157211 DATE SAMPLED: 08/08/2017

K PRIME PROJECT: 9946 TIME SAMPLED: 15:05
CLIENT PROJECT: REGIS.LOSALTOS (17.03 TASK 1.0) BATCH ID: 080917S1

METHOD: TOTAL METALS BY ICP/MS SAMPLE TYPE: SOIL REFERENCE: EPA 3050B/6020A UNITS: mg/kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE
ANTIMONY	Sb	08/10/2017	2.50	ND
ARSENIC	As	08/10/2017	2.50	ND
BARIUM	Ba	08/10/2017	2.50	14.4
BERYLLIUM	Ве	08/10/2017	2.50	ND
CADMIUM	Cd	08/10/2017	2.50	ND
CHROMIUM	Cr	08/10/2017	2.50	63.1
COBALT	Со	08/10/2017	2.50	25.5
COPPER	Cu	08/10/2017	2.50	66.2
LEAD	Pb	08/10/2017	2.50	ND
MERCURY	Hg	08/10/2017	0.100	ND
MOLYBDENUM	Мо	08/10/2017	2.50	ND
NICKEL	Ni	08/10/2017	2.50	46.4
SELENIUM	Se	08/10/2017	2.50	ND
SILVER	Ag	08/10/2017	2.50	ND
THALLIUM	TI	08/10/2017	2.50	ND
VANADIUM	V	08/10/2017	2.50	118
ZINC	Zn	08/10/2017	2.50	65.8

#### NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY:

DATE: 8/11/2017

METHOD: TOTAL LEAD REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9946 SAMPLE TYPE: SOIL CLIENT PROJECT: REGIS.LOSALTOS (17.03 TASK 1.0) UNITS: mg/kg

SAMPLE	LAB	<b>BATCH</b>	DATE	DATE	REPORTING	SAMPLE
ID	ID	#	SAMPLED	<b>ANALYZED</b>	LIMIT	CONC
W-1-1	157203	080917S2	08/08/2017	08/10/2017	2.50	57.0
W-2-1	157204	080917S2	08/08/2017	08/10/2017	2.50	9.44
W-12-1	157209	080917S2	08/08/2017	08/10/2017	2.50	7.95
W-14-3	157212	080917S2	08/08/2017	08/10/2017	2.50	8.59
W-16-1	157213	080917S2	08/08/2017	08/10/2017	2.50	27.5
W-22-1	157214	080917S2	08/08/2017	08/10/2017	2.50	6.50
W-17-5	157215	080917S2	08/09/2017	08/10/2017	2.50	4.37
W-17-10	157216	080917S2	08/09/2017	08/10/2017	2.50	ND
W-18-1	157217	080917S2	08/09/2017	08/10/2017	2.50	21.2

## NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: The second second

METHOD BLANK ID: B080917S1 BATCH NO: 080917S1

SAMPLE TYPE: SOIL UNITS: ma/Ka

**METHOD: GRO-GASOLINE RANGE ORGANICS** 

**REFERENCE: EPA 8015B** 

DATE EXTRACTED: 08/09/2017 DATE ANALYZED: 08/09/2017

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
TPH-G	1.00	ND

#### NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT NA - NOT AVAILABLE OR APPLICABLE

SAMPLE ID: L080917S1 DUPLICATE ID: D080917S1 BATCH NO: 080917S1 SAMPLE TYPE: SOIL

UNITS: mg/Kg

**DATE EXTRACTED:** 08/09/2017 **DATE ANALYZED:** 08/09/2017

## **ACCURACY (MATRIX SPIKE)**

COMPOUND NAME	SPIKE	SAMPLE	SPIKE	RECOVERY	LIMITS
	ADDED	RESULT	RESULT	(%)	(%)
TPH-G	5.00	ND	5.80	116	60-140

#### PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING	SPIKE	DUPLICATE	RPD	LIMITS
	LIMIT	RESULT	RESULT	(%)	(%)
TPH-G	1.00	5.80	5.95	2.5	±20

#### NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT AVAILABLE OR APPLICABLE

METHOD BLANK ID: B081017S1 BATCH NO: 081017S1 DATE ANALYZED: 08/10/2017

METHOD: VOLATILE ORGANIC COMPOUNDS

**REFERENCE: EPA 5035/8260** 

SAMPLE TYPE: SOIL

UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.50	ND
CHLOROMETHANE	74-87-3	1.50	ND
VINYL CHLORIDE	75-01-4	1.50	ND
BROMOMETHANE	74-83-9	1.50	ND
CHLOROETHANE	75-00-3	1.50	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.50	ND
1,1-DICHLOROETHENE	75-35-4	1.50	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.50	ND
METHYLENE CHLORIDE	75-09-2	7.50	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.50	ND
1,1-DICHLOROETHANE	75-34-3	1.50	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.50	ND
2,2-DICHLOROPROPANE	594-20-7	1.50	ND
BROMOCHLOROMETHANE	74-97-5	1.50	ND
CHLOROFORM	67-66-3	1.50	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.50	ND
CARBON TETRACHLORIDE	56-23-5	1.50	ND
1,1-DICHLOROPROPENE	563-58-6	1.50	ND
BENZENE	71-43-2	1.50	ND
1,2-DICHLOROETHANE	107-06-2	1.50	ND
TRICHLOROETHENE	79-01-6	1.50	ND
1,2-DICHLOROPROPANE	78-87-5	1.50	ND
DIBROMOMETHANE	74-95-3	1.50	ND
BROMODICHLOROMETHANE	75-27-4	1.50	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.50	ND
TOLUENE	108-88-3	1.50	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.50	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.50	ND
TETRACHLOROETHENE	127-18-4	1.50	ND
1,3-DICHLOROPROPANE	142-28-9	1.50	ND
DIBROMOCHLOROMETHANE	124-48-1	1.50	ND
1,2-DIBROMOETHANE	106-93-4	1.50	ND
CHLOROBENZENE	108-90-7	1.50	ND
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.50	ND
ETHYLBENZENE	100-41-4	1.50	ND
XYLENE (M+P)	1330-20-7	1.50	ND
XYLENE (O)	1330-20-7	1.50	ND
STYRENE	100-42-5	1.50	ND
BROMOFORM	75-25-2	1.50	ND
ISOPROPYLBENZENE	98-82-8	1.50	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.50	ND
BROMOBENZENE	108-86-1	1.50	ND
1,2,3-TRICHLOROPROPANE	96-18-4	1.50	ND
N-PROPYLBENZENE	103-65-1	1.50	ND
2-CHLOROTOLUENE	95-49-8	1.50	ND

METHOD BLANK ID: B081017S1 BATCH NO: 081017S1 DATE ANALYZED: 08/10/2017

METHOD: VOLATILE ORGANIC COMPOUNDS

REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL UNITS: µg/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
1,3,5-TRIMETHYLBENZENE	108-67-8	1.50	ND
4-CHLOROTOLUENE	106-43-4	1.50	ND
TERT-BUTYLBENZENE	98-06-6	1.50	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.50	ND
SEC-BUTYLBENZENE	135-98-8	1.50	ND
1,3-DICHLOROBENZENE	541-73-1	1.50	ND
4-ISOPROPYLTOLUENE	99-87-6	1.50	ND
1,4-DICHLOROBENZENE	106-46-7	1.50	ND
N-BUTYLBENZENE	104-51-8	1.50	ND
1,2-DICHLOROBENZENE	95-50-1	1.50	ND
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	1.50	ND
1,2,4-TRICHLOROBENZENE	120-82-1	3.00	ND
HEXACHLOROBUTADIENE	87-68-3	3.00	ND
NAPHTHALENE	91-20-3	3.00	ND
1,2,3-TRICHLOROBENZENE	87-61-6	3.00	ND

SURROGATE RECOVERY	%
DIBROMOFLUOROMETHANE	124
TOLUENE-D8	109
4-BROMOFLUOROBENZENE	87

#### NOTES:

 $\mbox{ND}$  -  $\mbox{NOT}$  DETECTED AT OR ABOVE THE STATED REPORTING LIMIT  $\mbox{NA}$  -NOT APPLICABLE OR AVAILABLE

SAMPLE ID: B081017S1
SPIKE ID: L081017S1
DUPLICATE ID: D081017S1
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

SAMPLE TYPE: SOIL

UNITS: µg/Kg

**METHOD: VOLATILE ORGANIC COMPOUNDS** 

**REFERENCE: EPA 5035/8260** 

## **ACCURACY (MATRIX SPIKE)**

COMPOUND NAME	SPIKE	SAMPLE	SPIKE	RECOVERY	LIMITS
	ADDED	RESULT	RESULT	(%)	(%)
1,1 DICHLOROETHENE	30.0	ND	20.1	67	60-140
BENZENE	30.0	ND	25.6	85	60-140
TRICHLOROETHENE	30.0	ND	25.9	86	60-140
TOLUENE	30.0	ND	25.1	84	60-140
CHLOROBENZENE	30.0	ND	24.8	83	60-140

## PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING	SPIKE	DUPLICATE	RPD	LIMITS
	LIMIT	RESULT	RESULT	(%)	(%)
1,1 DICHLOROETHENE	1.50	20.1	21.6	7.0	±20
BENZENE	1.50	25.6	26.8	4.5	±20
TRICHLOROETHENE	1.50	25.9	26.7	3.0	±20
TOLUENE	1.50	25.1	25.7	2.4	±20
CHLOROBENZENE	1.50	24.8	25.2	1.5	±20

#### NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

LABORATORY QUALITY CONTROL REPORT

**BATCH ID:** 080717S1

DATE EXTRACTED: 08/07/2017

**DATE ANALYZED:** 08/07/2017

**METHOD: DRO** 

**REFERENCE: EPA 8015B** 

SAMPLE TYPE:

SOIL

UNITS:

mg/Kg

METHOD BLANK ID: B080717S1

**COMPOUND NAME** 

SAMPLE

REPORTING

CONC

DRO

LIMIT 10.0

ND

**SAMPLE ID:** L080717S1

**DUPLICATE ID:** D080717S1

## **ACCURACY (MATRIX SPIKE)**

PARAMETER	SPIKE	SAMPLE	SPIKE	RECOVERY	LIMITS
	ADDED	RESULT	RESULT	(%)	(%)
DRO	500	ND	433	87	60-140

## PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING	SPIKE	DUPLICATE	RPD	LIMITS
	LIMIT	RESULT	RESULT	(%)	(%)
DRO	10.0	433	445	2.9	±20

#### NOTES:

DRO - DIESEL RANGE ORGANICS (C12-C34)

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

LABORATORY QUALITY CONTROL REPORT

**BATCH ID:** 080917S1

**DATE EXTRACTED:** 08/09/2017

**DATE ANALYZED:** 08/09/2017

**METHOD: DRO** 

**REFERENCE: EPA 8015B** 

SAMPLE TYPE:

SOIL

UNITS:

mg/Kg

METHOD BLANK ID: B080917S1

**COMPOUND NAME** 

REPORTING

SAMPLE

LIMIT

CONC ND

DRO 10.0

**SAMPLE ID:** L080917S1

DUPLICATE ID: D080917S1

## **ACCURACY (MATRIX SPIKE)**

PARAMETER	SPIKE	SAMPLE	SPIKE	RECOVERY	LIMITS
	ADDED	RESULT	RESULT	(%)	(%)
DRO	500	ND	482	96	60-140

## PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING	SPIKE	DUPLICATE	RPD	LIMITS
	LIMIT	RESULT	RESULT	(%)	(%)
DRO	10.0	482	484	0.4	±20

### NOTES:

DRO - DIESEL RANGE ORGANICS (C12-C34)

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

LABORATORY QUALITY CONTROL REPORT

BATCH ID: 080917S1

**DATE EXTRACTED:** 08/09/2017

**DATE ANALYZED: 08/09/2017** 

**METHOD: DRO** 

**REFERENCE: EPA 8015B** 

SAMPLE TYPE:

SOIL

UNITS:

mg/Kg

METHOD BLANK ID: B080917S1

**COMPOUND NAME** 

REPORTING

SAMPLE CONC

DRO

LIMIT 10.0

ND

**SAMPLE ID: MS-157205** 

**DUPLICATE ID: MSD-157205** 

## **ACCURACY (MATRIX SPIKE)**

PARAMETER	SPIKE	SAMPLE	SPIKE	RECOVERY	LIMITS
	ADDED	RESULT	RESULT	(%)	(%)
DRO	500	ND	501	100	60-140

## PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING	SPIKE	DUPLICATE	RPD	LIMITS
	LIMIT	RESULT	RESULT	(%)	(%)
DRO	10.0	501	489	2.3	±20

#### NOTES:

DRO - DIESEL RANGE ORGANICS (C12-C34)

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

METHOD BLANK ID: B073117S1

BATCH #: 073117S1

DATE EXTRACTED: 07/31/2017 DATE ANALYZED: 07/31/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS

REFERENCE: EPA 3550/8270-SIM

**SAMPLE TYPE: SOIL** 

UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ACENAPHTHENE	83-32-9	2.50	ND
ACENAPHTHYLENE	208-96-8	2.50	ND
ANTHRACENE	120-12-7	2.50	ND
BENZO (A) ANTHRACENE	56-55-3	2.50	ND
BENZO (B) FLUORANTHENE	205-99-2	2.50	ND
BENZO (K) FLUORANTHENE	207-08-9	2.50	ND
BENZO (A) PYRENE	50-32-8	2.50	ND
BENZO (G,H,I) PERYLENE	191-24-2	10.0	ND
CHRYSENE	218-01-9	2.50	ND
DIBENZO (A,H) ANTHRACENE	53-70-3	10.0	ND
FLUORANTHENE	206-44-0	2.50	ND
FLUORENE	86-73-7	2.50	ND
INDENO (1,2,3-CD) PYRENE	193-39-5	10.0	ND
NAPHTHALENE	91-20-3	2.50	ND
PHENANTHRENE	85-01-8	2.50	ND
PYRENE	129-00-0	2.50	ND

SURROGATE RECOVERY	%
2-FLUOROBIPHENYL	127
P-TERPHENYL-D14	123

### NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

**SAMPLE ID:** L073117S1 **DUPLICATE ID:** D073117S1

BATCH #: 073117S1

DATE EXTRACTED: 07/31/2017 DATE ANALYZED: 07/31/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS

REFERENCE: EPA 3550/8270-SIM

**SAMPLE TYPE: SOIL** 

UNITS: ug/Kg

## **ACCURACY (MATRIX SPIKE)**

PARAMETER	SPIKE	SAMPLE	SPIKE	RECOVERY	LIMITS
	ADDED	RESULT	RESULT	(%)	(%)
ACENAPHTHENE	100	ND	74.4	74	40-140
PYRENE	100	ND	80.6	81	40-140

## PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING	SPIKE	DUPLICATE	RPD	LIMITS
	LIMIT	RESULT	RESULT	(%)	(%)
ACENAPHTHENE	2.50	74.4	80.0	7.2	±30
PYRENE	2.50	80.6	90.8	11.9	±30

#### NOTES:

ND = NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

D = DETECTED

METHOD BLANK ID: B073117S1 BATCH NO: 073117S1

DATE EXTRACTED: 07/31/2017 DATE ANALYZED: 07/31/2017

METHOD: POLYCHLORINATED BIPHENYLS

**REFERENCE: EPA 3550/8082** 

SAMPLE TYPE: SOIL

UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
AROCLOR 1016	12674-11-2	25.0	ND
AROCLOR 1221	11104-28-2	25.0	ND
AROCLOR 1232	11141-16-5	25.0	ND
AROCLOR 1242	53469-21-9	25.0	ND
AROCLOR 1248	12672-29-6	25.0	ND
AROCLOR 1254	11097-69-1	25.0	ND
AROCLOR 1260	11096-82-5	25.0	ND

SURROGATE RECOVERY	%
TCMX	90
DCBP	72

#### NOTES:

ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT

NA - NOT AVAILABLE OR APPLICABLE

SAMPLE ID: B073117S1
SPIKE ID: L073117S1
DUPLICATE ID: D073117S1
BATCH NO: 073117S1

DATE EXTRACTED: 07/31/2017 DATE ANALYZED: 07/31/2017

METHOD: POLYCHLORINATED BIPHENYLS

**REFERENCE: EPA 3550/8082** 

SAMPLE TYPE: SOIL UNITS: ug/Kg

## **ACCURACY (MATRIX SPIKE)**

COMPOUND NAME	SPIKE	SAMPLE	SPIKE	RECOVERY	LIMITS
	ADDED	RESULT	RESULT	(%)	(%)
AROCLOR 1260	625	ND	487	78	60-140

## PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING	SPIKE	DUPLICATE	RPD	LIMITS
	LIMIT	RESULT	RESULT	(%)	(%)
AROCLOR 1260	25.0	487	456	6.4	±20

#### NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT AVAILABLE OR APPLICABLE

SAMPLE ID: L080917S1
DUPLICATE ID: D080917S1
METHOD BLANK ID: B080917S1
BATCH #: 080917S1

DATE ANALYZED: 08/10/2017

METHOD: TOTAL METALS BY ICP/MS SAMPLE TYPE: SOIL REFERENCE: EPA 3050B/6020A UNITS: mg/kg

ELEMENT		МВ	SA	SR	SP	SPD	SP	RPD
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%R	%
ANTIMONY	Sb	<2.50	25.0	0.0	24.2	24.3	97	0.5
ARSENIC	As	<2.50	25.0	0.0	22.6	22.6	90	0.0
BARIUM	Ва	<2.50	25.0	0.0	24.3	24.3	97	0.2
BERYLLIUM	Be	<2.50	25.0	0.0	21.0	20.7	84	1.2
CADMIUM	Cd	<2.50	25.0	0.0	23.9	24.1	96	0.7
CHROMIUM	Cr	<2.50	25.0	0.0	23.2	23.0	93	0.7
COBALT	Co	<2.50	25.0	0.0	22.5	22.4	90	0.5
COPPER	Cu	<2.50	25.0	0.0	22.6	22.8	91	0.8
LEAD	Pb	<2.50	25.0	0.0	25.5	25.9	102	1.6
MERCURY	Hg	<0.100	1.00	0.0	0.982	0.985	98	0.3
MOLYBDENUM	Мо	<2.50	25.0	0.0	24.0	23.9	96	0.4
NICKEL	Ni	<2.50	25.0	0.0	23.0	23.0	92	0.1
SELENIUM	Se	<2.50	25.0	0.0	22.6	22.4	90	0.6
SILVER	Ag	<2.50	12.5	0.0	11.6	11.9	93	2.6
THALLIUM	TI	<2.50	25.0	0.0	25.2	25.7	101	2.2
VANADIUM	V	<2.50	25.0	0.0	22.8	22.9	91	0.0
ZINC	Zn	<2.50	25.0	0.0	22.9	22.0	92	3.9

#### NOTES:

ND: NOT DETECTED MB: METHOD BLANK SA: SPIKE ADDED SR: SAMPLE RESULT SP: SPIKE RESULT

SPD: SPIKE DUPLICATE RESULT SP(%R): SPIKE % RECOVERY

RPD: RELATIVE PERCENT DIFFERENCE

**SAMPLE ID:** L080917S2 **DUPLICATE ID:** D080917S2

METHOD BLANK ID: B080917S2

BATCH #: 080917S2

**DATE ANALYZED: 08/10/2017** 

METHOD: TOTAL METALS BY ICP/MS REFERENCE: EPA 3050B/6020A SAMPLE TYPE: SOIL UNITS: mg/kg

ELEMENT		MB	SA	SR	SP	SPD	SP	RPD
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%R	%
LEAD	Pb	<2.50	25.0	0.0	26.1	26.5	104	1.5

NOTES:

ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT

SPD: SPIKE DUPLICATE RESULT SP(%R): SPIKE % RECOVERY

RPD: RELATIVE PERCENT DIFFERENCE



711 Grand Avenue, Suite 220 San Rafael, California 94901 415.460.6770 • Fax 415.460.6771 main@westenvironmental.com

## SAMPLE ANALYSIS/COMPOSITE REQUEST FORM

**CHAIN-OF-CUSTODY** 

Invoice to: WEST, Inc.							Dat	e: 6/	19/	17		Pag	e o	f 1	2			
Project: Regis.LosAltos	(17.03 Task 1.0	))	*****				Location: 101 to 151 1st Street, Los Altos, CA											
Project Manager: Peter	r Morris, WES	Γ, Inc.	al a color				Pho	ne:	415/4	60-6	770		,		Fax	415	/460-	6771
Laboratory: KPrime, In	ic, Santa Rosa,	CA					Turnaround time 1 2 3 5 7 10 S						Std.					
Sampler Signature:	n.	1					(days) X											
						L		_		Anal	yses	Requ	este	d				
Sample ID	KPI#	Date	Time	Type	# Containers	Composite	TPHg (8015M)	TPHd/TPHmo (8015M)*	VOCs (8260B)**	PAHs (8270C-SIM)	PCBs (8082A)	Title 22 Metals (6000/7000)	Lead (6020)					НОГД
W-1-1	157203			5	j						<u> </u>		$\sqrt{}$					
W-Z-1			1240	S	l	-							X					
W-1-1 W-2-1 W-3-5	157205	8/6/17	1035	5	4	and the second	X	X	X									
W-370	157206	8/8/17	1115	S	4		X	X	X						•			
W-5-1	157207	9/8/17	0910	5	4	_		X	X	X	X	X						
W-9-1	157208	1/6/17	1245	5	1	4						X						
W-12-1	157209	8/8/17	1525	5	-	-		X	X	X	X		X					
W-13-1	157210	2/8/17	1520	5	]		2					X						
W-14-1	157211	9/8/17	1505	S	1	_		X	X	X		X						
W-14-3	157212	0/8/17	1510	5	]	_		X	X	X			X					
12-16-1	157213	8/8/17		5	1.	persona,							X					
DV-22-1	157214	8/2/17	1540	5	I	· ·							X				$\neg$	
NOTES: *with silica gel cleanup; **with 5035 prep. at laboratory, except w-3-6, w-3-10, * w-5-1 done in field						PT		Glob	EDF			Log	Code	:	WI	ESS		
Relinquished by: (Signature)  Date/Time  99/14 0950					1	ceive	d by:	(Sig	natur	e)		8/	Date/	Time	70			
Relinquished by: (Signature)  Date/Time  8/9/17				Re	ceive	d by:	(Sig	natur	re)		8Q.		Time	50				



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## SAMPLE ANALYSIS/COMPOSITE REQUEST FORM

CHAIN-OF-CUSTODY

Invoice to: WEST, Inc.								Date: 6/9/17   Page Zof 2										
Project: Regis.LosAltos	(17.03 Task 1.0	))					Location: 101 to 151 1st Street, Los Altos, CA											
Project Manager: Pete	Project Manager: Peter Morris, WEST, Inc.							ne: 4	15/4	60-6	770				Fax	415	/460-	6771
	Laboratory: KPrime, Inc, Santa Rosa, CA							Turnaround time 1 2 3 5				7	10	Std.				
Sampler Signature:		10						(da	iys)			X						
	171	1	he .								Anal	yses	Requ	este	d			
Sample ID	KPI#	Date	Time	Type	# Containers	Composite	TPHg (8015M)	TPHd/TPHmo (8015M)*	VOCs (8260B)**	PAHs (8270C-SIM)	PCBs (8082A)	Title 22 Metals (6000/7000)	Lead (6020)					НОГД
10-17-5	157215	8/9/17	9/1/7	-5		_	X	X	X			5	X					
W-17-5 W-17-10 W-18-1	157216	8/9/17	6/2/1	25		Samuel	X	×	X				X					
14-18-1	157217	8/9/17	8/4/17	5	4								X					
go ic j	101011	5 11, 17	0830	4 64									, ,				$\dashv$	
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*	·																	
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-					-	_	-		- 2				$\dashv$				$\dashv$	-
								_					_	_		_	_	_
												16						
NOTES: *with silica gel cleanup; **with 5035 prep. at laboratory  Times for W-17-5 W-17-10, AV-16-1 are  0920, 0940, & 0650, respectively							[	Glob	EDF			Log	Code		W	ESS	_	
Relinquished by: (Signature) Date/Time						Re	ceive	d by:	(Sig	natur	re)		I	Date/	Γime			
E/9/17 0950					(k	h	N	1	1	N			81	la1	09:	50		
Relinquished by: (Signature)  Date/Time					Received by: (Signature)  Date/Time					$\dashv$								
Relinquished by: (Signature)  8/9/17			05	0	. 8	9	0	>-	_			8-9	-17	12	25 pr			
			1 /1	,														

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.

Santa Rosa CA 95403 Phone: 707 527 7574

FAX: 707 527 7879

**ACCT:** 9946

PROJ: REGIS.LOSALTOS (17.03

TASK 1.0)

#### **TRANSMITTAL**

DATE:

8/11/2017

TO:

MR. PETER MORRIS

WEST ENVIRONMENTAL S&T

711 GRAND AVENUE. SUITE 220

SAN RAFAEL, CA 94901

Phone:

415-460-6770

Fax:

415-460-6771

Email: main@westenvironmental.com

FROM:

Richard A. Kagel, Ph.D. RPKM & 11180 7

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT

REGIS.LOSALTOS (17.03 TASK 1.0)

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
W-4-1	SOIL	08/09/17	11:20	157253
W-4-3	SOIL	08/09/17	11:25	157254
W-6-1	SOIL	08/09/17	11:00	157255
W-7-1	SOIL	08/09/17	10:45	157256
W-8-1	SOIL	08/09/17	12:00	157257
W-11-1	SOIL	08/09/17	12:35	157258
W-15-1	SOIL	08/09/17	10:35	157259
W-20-1	SOIL	08/09/17	10:10	157260
W-21-1	SOIL	08/09/17	10:20	157261

The above listed sample group was received on 08/09/17 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information. Thank you for this opportunity to be of service.

K PRIME PROJECT: 9946

**CLIENT PROJECT: REGIS.LOSALTOS (17.03 TASK 1.0)** 

METHOD: DRO

**REFERENCE: EPA 8015B** 

SAMPLE TYPE: SOIL

UNITS: mg/Kg

SAMPLE ID	LAB NO.	DATE	<b>BATCH</b>	<b>EXTRACT</b>	DATE	MRL	SAMPLE	DRO
		SAMPLED	ID	DATE	ANALYZED		CONC	PATTERN
W-6-1	157255	08/09/2017	080917S1	08/10/2017	08/10/2017	10.0	ND	

NOTES:	
DRO	Diesel Range Organics (C12-C23) with Silica Gel Cleanup
ND	Not Detected at or above the stated MRL
NA	Not Applicable or Available
MRL	Method Reporting Limit
AD	Typical Pattern for Diesel
AM	Hydrocarbon response is in the C12-C22 range
AC	Heavier hydrocarbons contributing to diesel range quantitation
AJ	Heavier hydrocarbon than diesel
AK	Lighter hydrocarbon than diesel
AE	Unknown hydrocarbon with a single peak
AN	Unknown hydrocarbon with several peaks

APPROVED BY: Ch. 8(11)20(7

**K PRIME PROJECT: 9946** 

**CLIENT PROJECT: REGIS.LOSALTOS (17.03 TASK 1.0)** 

**METHOD: HRO** 

**REFERENCE: EPA 8015B** 

**SAMPLE TYPE:** 

SOIL

UNITS: mg/Kg

SAMPLE ID	LAB NO.	DATE	<b>BATCH</b>	<b>EXTRACT</b>	DATE	MRL	SAMPLE	HRO
		SAMPLED	ID	DATE	ANALYZED		CONC	PATTERN
W-6-1	157255	08/09/2017	080917S1	08/10/2017	08/10/2017	10.0	ND	

NOTES:

**HRO** 

Heavy Range Organics (C24-C34) with Silica Gel Cleanup

ND

Not Detected at or above the stated MRL

NA

Not Applicable or Available

MRL

Method Reporting Limit

AE AN Unknown hydrocarbon with a single peak Unknown hydrocarbon with several peaks

APPROVED BY: Market Blilboit

SAMPLE ID: W-21-1 LAB NO: 157261 DATE SAMPLED: 08/09/2017

K PRIME PROJECT: 9946 TIME SAMPLED: 10:20 CLIENT PROJECT: REGIS.LOSALTOS (17.03 TASK 1.0) BATCH ID: 080917S1

METHOD: TOTAL METALS BY ICP/MS SAMPLE TYPE: SOIL REFERENCE: EPA 3050B/6020A UNITS: mg/kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
ANTIMONY	Sb	08/10/2017	2.50	ND
ARSENIC	As	08/10/2017	2.50	9.81
BARIUM	Ba	08/10/2017	2.50	164
BERYLLIUM	Be	08/10/2017	2.50	ND
CADMIUM	Cd	08/10/2017	2.50	ND
CHROMIUM	Cr	08/10/2017	2.50	113
COBALT	Co	08/10/2017	2.50	22.1
COPPER	Cu	08/10/2017	2.50	48.2
LEAD	Pb	08/10/2017	2.50	99.1
MERCURY	Hg	08/10/2017	0.100	0.112
MOLYBDENUM	Мо	08/10/2017	2.50	ND
NICKEL	Ni	08/10/2017	2.50	74.2
SELENIUM	Se	08/10/2017	2.50	ND
SILVER	Ag	08/10/2017	2.50	ND
THALLIUM	Ti	08/10/2017	2.50	ND
VANADIUM	V	08/10/2017	2.50	111
ZINC	Zn	08/10/2017	2.50	146

#### NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY:

DATE: 8 | 11 | 20 | 27

METHOD: TOTAL LEAD REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9946 SAMPLE TYPE: SOIL CLIENT PROJECT: REGIS.LOSALTOS (17.03 TASK 1.0) UNITS: mg/kg

SAMPLE ID	LAB ID	BATCH #	DATE SAMPLED	DATE ANALYZED	REPORTING LIMIT	SAMPLE
W-4-1	157253	073117S1	08/09/2017	08/11/2017	2.50	ND
W-4-3	157254	073117S1	08/09/2017	08/11/2017	2.50	3.88
W-6-1	157255	073117S1	08/09/2017	08/11/2017	2.50	4.71
W-7-1	157256	073117S1	08/09/2017	08/11/2017	2.50	47.7
W-8-1	157257	073117S1	08/09/2017	08/11/2017	2.50	25.5
W-11-1	157258	073117S1	08/09/2017	08/11/2017	2.50	4.94
W-15-1	157259	073117S1	08/09/2017	08/11/2017	2.50	ND
W-20-1	157260	073117S1	08/09/2017	08/11/2017	2.50	98.6

## NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY:	ch
DATE:	8/11/2017

LABORATORY QUALITY CONTROL REPORT

**BATCH ID:** 080917S1

DATE EXTRACTED: 08/09/2017

**DATE ANALYZED:** 08/09/2017

**METHOD: DRO** 

**REFERENCE: EPA 8015B** 

SAMPLE TYPE:

SOIL

UNITS:

mg/Kg

METHOD BLANK ID: B080917S1

**COMPOUND NAME** 

DRO

**REPORTING** 

10.0

SAMPLE

LIMIT

CONC ND

**SAMPLE ID:** L080917S1

**DUPLICATE ID:** D080917S1

#### **ACCURACY (MATRIX SPIKE)**

PARAMETER	SPIKE	SAMPLE	SPIKE	RECOVERY	LIMITS
	ADDED	RESULT	RESULT	(%)	(%)
DRO	500	ND	482	96	60-140

#### PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING	SPIKE	DUPLICATE	RPD	PD LIMITS		
	LIMIT	RESULT	RESULT	(%)	(%)		
DRO	10.0	482	484	0.4	±20		

#### NOTES:

DRO - DIESEL RANGE ORGANICS (C12-C34)

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

SAMPLE ID: L080917S1
DUPLICATE ID: D080917S1
METHOD BLANK ID: B080917S1
BATCH #: 080917S1

**DATE ANALYZED:** 08/10/2017

ICP/MS SAMPLE TYPE: SOIL

METHOD: TOTAL METALS BY ICP/MS SAMPLE TYPE: SOIL REFERENCE: EPA 3050B/6020A UNITS: mg/kg

ELEMENT		MB	SA	SR	SP	SPD	SP	RPD
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%R	%
ANTIMONY	Sb	<2.50	25.0	0.0	24.2	24.3	97	0.5
ARSENIC	As	<2.50	25.0	0.0	22.6	22.6	90	0.0
BARIUM	Ва	<2.50	25.0	0.0	24.3	24.3	97	0.2
BERYLLIUM	Ве	<2.50	25.0	0.0	21.0	20.7	84	1.2
CADMIUM	Cd	<2.50	25.0	0.0	23.9	24.1	96	0.7
CHROMIUM	Cr	<2.50	25.0	0.0	23.2	23.0	93	0.7
COBALT	Co	<2.50	25.0	0.0	22.5	22.4	90	0.5
COPPER	Cu	<2.50	25.0	0.0	22.6	22.8	91	0.8
LEAD	Pb	<2.50	25.0	0.0	25.5	25.9	102	1.6
MERCURY	Hg	<0.100	1.00	0.0	0.982	0.985	98	0.3
MOLYBDENUM	Mo	<2.50	25.0	0.0	24.0	23.9	96	0.4
NICKEL	Ni	<2.50	25.0	0.0	23.0	23.0	92	0.1
SELENIUM	Se	<2.50	25.0	0.0	22.6	22.4	90	0.6
SILVER	Ag	<2.50	12.5	0.0	11.6	11.9	93	2.6
THALLIUM	TI	<2.50	25.0	0.0	25.2	25.7	101	2.2
VANADIUM	V	<2.50	25.0	0.0	22.8	22.9	91	0.0
ZINC	Zn	<2.50	25.0	0.0	22.9	22.0	92	3.9

NOTES:

ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT

SPD: SPIKE DUPLICATE RESULT SP(%R): SPIKE % RECOVERY

RPD: RELATIVE PERCENT DIFFERENCE

SAMPLE ID: L073117S1
DUPLICATE ID: D073117S1
METHOD BLANK ID: B081017S3
BATCH #: 073117S1

**DATE ANALYZED:** 08/01/2017

METHOD: TOTAL METALS BY ICP/MS REFERENCE: EPA 3050B/6020A SAMPLE TYPE: SOIL UNITS: mg/kg

ELEMENT		МВ	SA	SR	SP	SPD	SP	RPD
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%R	%
LEAD	Pb	<2.50	25.0	0.0	25.6	25.0	102	2.4

#### NOTES:

ND: NOT DETECTED MB: METHOD BLANK SA: SPIKE ADDED SR: SAMPLE RESULT SP: SPIKE RESULT

SPD: SPIKE DUPLICATE RESULT SP(%R): SPIKE % RECOVERY

RPD: RELATIVE PERCENT DIFFERENCE



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## SAMPLE ANALYSIS/COMPOSITE REQUEST FORM

CHAIN-OF-CUSTODY

Invoice to: WEST, Inc.	ivoice to: WEST, Inc.							Date: 9/9/17 Page of										
Project: Regis.LosAltos	(17.03 Task 1.0	))					Loc	ation	: 101	to 1	<u>51 1s</u>	t Str	eet, I	Los A	ltos,	CA		
Project Manager: Pete	r Morris, WES	Г, Inc.					Pho	ne: 4	415/4	60-6	770				Fax	415	/460-	6771
Laboratory: KPrime, II	nc, Santa Rosa,	CA					Tur		und	time	1	2	3	5	7	10	Std.	1
Sampler Signature:	1	14		•			_	(da	ays)			X						
	125	71									Anal	yses	Requ	este	i			
Sample ID	KPI#	Date	Time	Type	# Containers	Composite	IPHg (8015M)	FPHd/TPHmo (8015M)*	VOCs (8260B)**	PAHs (8270C-SIM)	PCBs (8082A)	Title 22 Metals (6000/7000)	Lead (6020)					НОГД
W-4-1	157253	8/9/17		_	1	_	-		-		- 111		X					1
W-4-3	157254	1	11:25	S	1	_							ŷ					
W-6-1	157255		11:00		1	-		X					$\hat{\mathbf{x}}$					
W-7-1	157256		1045	5	1	_							X					
W-8-1	157257		1200	S	1	_							X				$\neg$	
W-11-1	157258		1235	_	1	_							V		_	$\neg$	$\dashv$	
W-15-1	157259		1035	5		_							$\hat{\chi}$			$\neg$	$\dashv$	
	157260	.//	1010	5	1	_							X	$\dashv$			$\dashv$	
W-20-1 W-21-1		8/9/17	1020	5								$\vee$		$\neg$	-	$\dashv$	$\dashv$	
V 2, 1	177261	7717	1020		-							$\wedge$		$\neg$	-	$\dashv$	$\dashv$	
					-									$\dashv$	-	$\dashv$	$\dashv$	
				_ 9/	,								-	$\dashv$	$\dashv$		$\dashv$	$\dashv$
NOTES: *with silica gel	cleanun: **with	5035 pre	n at laho	rators			$\square$											$\dashv$
Will Sillou go!	oroanup, with	Joss pro	p. at laoc	nawij	7			]	EDF	•		Log	Code	:	W	ESS		
								Glob	al ID	:		-	,					
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## K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.

Santa Rosa CA 95403 Phone: 707 527 7574

FAX: 707 527 7879

9946

TASK 1.0)

PROJ: REGIS.LOSALTOS (17.03

ACCT:

**TRANSMITTAL** 

DATE:

8/11/2017

TO:

MR. PETER MORRIS

WEST ENVIRONMENTAL S&T

711 GRAND AVENUE, SUITE 220

SAN RAFAEL, CA 94901

Phone:

415-460-6770

Fax:

415-460-6771

Email:

main@westenvironmental.com

FROM:

Richard A. Kagel, Ph.D. /AMK 8/11/2017

Laboratory Director

**SUBJECT:** LABORATORY RESULTS FOR YOUR PROJECT

REGIS.LOSALTOS (17.03 TASK 1.0)

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
W-1-5	AIR	08/08/17	11:48	157218
W-3-5	AIR	08/08/17	13:40	157219
W-5-5	AIR	08/08/17	12:32	157220
W-9-5	AIR	08/08/17	14:17	157221
W-16-5	AIR	08/08/17	14:53	157222

The above listed sample group was received 08/09/17 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information. Thank you for this opportunity to be of service.

LABORATORY REPORT

K PRIME PROJECT: 9946

CLIENT PROJECT: REGIS.LOSALTOS (17.03 TASK 1.0)

METHOD: VOC'S IN AIR

REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

SAMPLE ID:

LAB NO: 157218

SAMPLE TYPE: DATE SAMPLED: AIR 8/8/2017 11:48

W-1-5

TIME SAMPLED:

BATCH ID:

080417A1

DATE ANALYZED:

8/10/2017

		PPB (	V/V)	μg/cu.	m
COMPOUND NAME	CAS NO.	RL	SAMPLE	RL	SAMPLE
DICHLORODIFLUOROMETHANE	75-71-8	1.00	ND	4.95	ND
CHLOROMETHANE	74-87-3	1.00	ND	2.07	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	1.00	ND	6.99	ND
VINYL CHLORIDE	75-01-4	1.00	ND	2.56	ND
BROMOMETHANE	74-83-9	1.00	ND	3.88	ND
CHLOROETHANE	75-00-3	1.00	ND	2.64	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND	5.62	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND	3.97	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	ND	7.66	ND
METHYLENE CHLORIDE	75-09-2	1.00	ND	3.47	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND	4.05	ND
CIS-1,2-DICHLOROETHENE	159-59-2	1.00	ND	3.97	ND
CHLOROFORM	67-66-3	1.00	ND	4.88	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.00	ND	5.46	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND	4.05	ND
BENZENE	71-43-2	1.00	ND	3.19	ND
CARBON TETRACHLORIDE	56-23-5	1.00	ND	6.29	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND	4.62	ND
TRICHLOROETHENE	79-01-6	1.00	ND	5.37	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1,00	ND	4.54	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND	4.54	ND
TOLUENE	108-88-3	1.00	4.72	3.77	17.8
1,1,2-TRICHLOROETHANE	79-00-5	1.00	ND	5.46	ND
1,2-DIBROMOETHANE	106-93-4	1.00	ND	7.68	ND
TETRACHLOROETHENE	127-18-4	1.00	ND	6.78	ND
CHLOROBENZENE	108-90-7	1.00	ND	4.60	ND
ETHYLBENZENE	100-41-4	1.00	1.25	4.34	5.43
XYLENE (M+P)	179601-23-1	2.00	2.66	8.68	11.5
STYRENE	100-42-5	1.00	ND	4.26	ND
XYLENE (O)	95-47-6	1.00	ND	4.34	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.00	ND	6.87	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.00	ND	4.92	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	ND	4.92	ND
1,3-DICHLOROBENZENE	541-73-1	1.00	ND	6.01	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND	6.01	ND
1,2-DICHLOROBENZENE	95-50-1	1.00	ND	6.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND	7.42	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND	10.7	ND

#### NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

**RL-REPORTING LIMIT** 

NA - NOT APPLICABLE OR AVAILABLE

 $\mu g/cu.\ m$  VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE

AND PRESSURE (NPT).

APPROVED BY: AVC

LAB NO: 157219
SAMPLE TYPE: AIR
DATE SAMPLED: 8/8/2017
TIME SAMPLED: 13:40
BATCH ID: 080417A1

W-3-5

SAMPLE ID:

CLIENT PROJECT: REGIS.LOSALTOS (17.03 TASK 1.0)

DATE ANALYZED: 080417A1 8/11/2017

REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

K PRIME PROJECT: 9946

METHOD: VOC'S IN AIR

		PPB (	V/V)	μg/cu. n	1
COMPOUND NAME	CAS NO.	RL	SAMPLE	RL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.00	ND	4.95	ND
CHLOROMETHANE	74-87-3	1.00	ND	2.07	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	1.00	ND	6.99	ND
VINYL CHLORIDE	75-01-4	1.00	ND	2.56	ND
BROMOMETHANE	74-83-9	1.00	ND	3.88	ND
CHLOROETHANE	75-00-3	1.00	ND	2.64	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND	5.62	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND	3.97	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	ND	7.66	ND
METHYLENE CHLORIDE	75-09-2	1.00	ND	3.47	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND	4.05	ND
CIS-1,2-DICHLOROETHENE	159-59-2	1.00	ND	3,97	ND
CHLOROFORM	67-66-3	1.00	ND	4.88	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.00	ND	5.46	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND	4.05	ND
BENZENE	71-43-2	1.00	6.20	3.19	19.8
CARBON TETRACHLORIDE	56-23-5	1.00	ND	6.29	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND	4.62	ND
TRICHLOROETHENE	79-01-6	1.00	ND	5.37	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND	4.54	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND	4.54	ND
TOLUENE	108-88-3	1.00	19.4	3.77	73.0
1,1,2-TRICHLOROETHANE	79-00-5	1.00	ND	5.46	ND
1,2-DIBROMOETHANE	106-93-4	1.00	ND	7.68	ND
TETRACHLOROETHENE	127-18-4	1.00	ND	6.78	ND
CHLOROBENZENE	108-90-7	1.00	ND	4.60	ND
ETHYLBENZENE	100-41-4	1.00	5.06	4.34	22.0
XYLENE (M+P)	179601-23-1	2.00	14.9	8.68	64.8
STYRENE	100-42-5	1.00	ND	4.26	ND
XYLENE (O)	95-47-6	1.00	4.13	4.34	17.9
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.00	ND	6.87	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.00	4.28	4.92	21.0
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	3.24	4.92	15.9
1,3-DICHLOROBENZENE	541-73-1	1.00	ND	6.01	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND	6.01	ND
1,2-DICHLOROBENZENE	95-50-1	1.00	ND	6.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND	7.42	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND	10.7	ND

#### NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

**RL-REPORTING LIMIT** 

NA - NOT APPLICABLE OR AVAILABLE

 $\mu g/cu.$  m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY:

DATE: \$/11//7

K PRIME PROJECT: 9946

METHOD: VOC'S IN AIR

REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

DATE SAMPLED: **CLIENT PROJECT: REGIS.LOSALTOS (17.03 TASK 1.0)** TIME SAMPLED:

8/8/2017 12:32 BATCH ID: 080417A1

SAMPLE ID:

SAMPLE TYPE:

LAB NO:

DATE ANALYZED: 8/10/2017

W-5-5

AIR

157220

COMPOUND NAME	CAS NO.	PPB (V/V)		μg/cu. n	1
		RL	SAMPLE	RL	SAMPLE
DICHLORODIFLUOROMETHANE	75-71-8	10.0	ND	49.5	ND
CHLOROMETHANE	74-87-3	10.0	ND	20.7	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	10.0	ND	69.9	ND
VINYL CHLORIDE	75-01-4	10.0	ND	25.6	ND
BROMOMETHANE	74-83-9	10.0	ND	38.8	ND
CHLOROETHANE	75-00-3	10.0	ND	26.4	ND
TRICHLOROFLUOROMETHANE	75-69-4	10.0	ND	56.2	ND
1,1-DICHLOROETHENE	75-35-4	10.0	ND	39.7	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	10.0	ND	76.6	ND
METHYLENE CHLORIDE	75-09-2	10.0	ND	34.7	ND
1,1-DICHLOROETHANE	75-34-3	10.0	ND	40.5	ND
CIS-1,2-DICHLOROETHENE	159-59-2	10.0	ND	39.7	ND
CHLOROFORM	67-66-3	10.0	. ND	48.8	ND
1,1,1-TRICHLOROETHANE	71-55-6	10.0	ND	54.6	ND
1,2-DICHLOROETHANE	107-06-2	10.0	ND	40.5	ND
BENZENE	71-43-2	10.0	ND	31.9	ND
CARBON TETRACHLORIDE	56-23-5	10.0	ND	62.9	ND
1,2-DICHLOROPROPANE	78-87-5	10.0	ND	46.2	ND
TRICHLOROETHENE	79-01-6	10.0	ND	53.7	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	10.0	ND	45.4	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	10.0	ND	45.4	ND
TOLUENE	108-88-3	10.0	786	37.7	2960
1,1,2-TRICHLOROETHANE	79-00-5	10.0	ND	54.6	ND
1,2-DIBROMOETHANE	106-93-4	10.0	ND	76.8	ND
TETRACHLOROETHENE	127-18-4	10.0	ND	67.8	ND
CHLOROBENZENE	108-90-7	10.0	ND	46.0	ND
ETHYLBENZENE	100-41-4	10.0	325	43.4	1410
XYLENE (M+P)	179601-23-1	20.0	1100	86.8	4770
STYRENE	100-42-5	10.0	ND	42.6	ND
XYLENE (O)	95-47-6	10.0	231	43.4	1000
1,1,2,2-TETRACHLOROETHANE	79-34-5	10.0	ND	68.7	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	10.0	296	49.2	1460
1,2,4-TRIMETHYLBENZENE	95-63-6	10.0	327	49.2	1610
1,3-DICHLOROBENZENE	541-73-1	10.0	ND	60.1	ND
1,4-DICHLOROBENZENE	106-46-7	10.0	ND	60.1	ND
1,2-DICHLOROBENZENE	95-50-1	10.0	ND	60.1	ND
1,2,4-TRICHLOROBENZENE	120-82-1	10.0	ND	74.2	ND
HEXACHLOROBUTADIENE	87-68-3	10.0	ND	107	ND

#### NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

**RL-REPORTING LIMIT** 

NA - NOT APPLICABLE OR AVAILABLE

µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE

AND PRESSURE (NPT).

APPROVED BY: DATE:

LABORATORY REPORT

K PRIME PROJECT: 9946

CLIENT PROJECT: REGIS.LOSALTOS (17.03 TASK 1.0)

METHOD: VOC'S IN AIR

REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

SAMPLE ID: W-9-5 LAB NO: 157221 AIR

SAMPLE TYPE: DATE SAMPLED:

8/8/2017 14:17

TIME SAMPLED: BATCH ID:

DATE ANALYZED:

080417A1 8/10/2017

		PPB (V/V)		µg/cu	. m
COMPOUND NAME	CAS NO.	RL	SAMPLE	RL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.00	ND	4.95	ND
CHLOROMETHANE	74-87-3	1.00	ND	2.07	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	1.00	ND	6.99	ND
VINYL CHLORIDE	75-01-4	1.00	ND	2.56	ND
BROMOMETHANE	74-83-9	1.00	ND	3.88	ND
CHLOROETHANE	75-00-3	1.00	ND	2.64	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND	5.62	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND	3.97	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	3.03	7.66	23.2
METHYLENE CHLORIDE	75-09-2	1.00	ND	3.47	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND	4.05	ND
CIS-1,2-DICHLOROETHENE	159-59-2	1.00	ND	3.97	ND
CHLOROFORM	67-66-3	1.00	5.31	4.88	25.9
1.1.1-TRICHLOROETHANE	71-55-6	1.00	ND	5.46	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND	4.05	ND
BENZENE	71-43-2	1.00	3.06	3.19	9,78
CARBON TETRACHLORIDE	56-23-5	1.00	ND	6.29	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND	4.62	ND
TRICHLOROETHENE	79-01-6	1.00	ND	5.37	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND	4.54	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND	4.54	ND
TOLUENE	108-88-3	1.00	3.75	3.77	14.1
1,1,2-TRICHLOROETHANE	79-00-5	1.00	ND	5.46	ND
1.2-DIBROMOETHANE	106-93-4	1.00	ND	7.68	ND
TETRACHLOROETHENE	127-18-4	1.00	ND	6.78	ND
CHLOROBENZENE	108-90-7	1.00	ND	4.60	ND
ETHYLBENZENE	100-41-4	1.00	1.21	4.34	5.25
XYLENE (M+P)	179601-23-1	2.00	4.42	8.68	19.2
STYRENE	100-42-5	1.00	ND	4.26	ND
XYLENE (O)	95-47-6	1.00	1.99	4.34	8.64
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.00	ND	6.87	ND
1.3.5-TRIMETHYLBENZENE	108-67-8	1.00	ND	4.92	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	ND	4.92	ND
1,3-DICHLOROBENZENE	541-73-1	1.00	ND	6.01	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND	6.01	ND
1.2-DICHLOROBENZENE	95-50-1	1.00	ND	6.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND	7.42	ND
·    · · · · ·	120 02 1	1100	,,,,		

### NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

**RL-REPORTING LIMIT** 

HEXACHLOROBUTADIENE

NA - NOT APPLICABLE OR AVAILABLE

µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE

87-68-3

1.00

ND

10.7

ND

AND PRESSURE (NPT).

APPROVED BY:

K PRIME, INC. SAMPLE ID: W-16-5
LABORATORY REPORT LAB NO: 157222

REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

		PPB (V/V)		μg/cu. n	1
COMPOUND NAME	CAS NO.	RL	SAMPLE	RL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	5.00	ND	24.7	ND
CHLOROMETHANE	74-87-3	5.00	ND	10.3	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	5.00	ND	35.0	ND
VINYL CHLORIDE	75-01-4	5.00	ND	12.8	ND
BROMOMETHANE	74-83-9	5.00	ND	19.4	ND
CHLOROETHANE	75-00-3	5.00	ND	13.2	ND
TRICHLOROFLUOROMETHANE	75-69-4	5.00	ND	28.1	ND
1,1-DICHLOROETHENE	75-35-4	5.00	ND	19.8	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	5.00	ND	38.3	ND
METHYLENE CHLORIDE	75-09-2	5.00	ND	17.4	ND
1,1-DICHLOROETHANE	75-34-3	5.00	ND	20.2	ND
CIS-1,2-DICHLOROETHENE	159-59-2	5.00	ND	19.8	ND
CHLOROFORM	67-66-3	5.00	ND	24.4	ND
1,1,1-TRICHLOROETHANE	71-55-6	5.00	ND	27.3	ND
1,2-DICHLOROETHANE	107-06-2	5.00	ND	20.2	ND
BENZENE	71-43-2	5.00	ND	16.0	ND
CARBON TETRACHLORIDE	56-23-5	5.00	ND	31.5	ND
1,2-DICHLOROPROPANE	78-87-5	5.00	ND	23.1	ND
TRICHLOROETHENE	79-01-6	5.00	ND	26.9	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	5.00	ND	22.7	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	5.00	ND	22.7	ND
TOLUENE	108-88-3	5.00	583	18.8	2200
1,1,2-TRICHLOROETHANE	79-00-5	5.00	ND	27.3	ND
1,2-DIBROMOETHANE	106-93-4	5.00	ND	38.4	ND
TETRACHLOROETHENE	127-18-4	5.00	ND	33.9	ND
CHLOROBENZENE	108-90-7	5.00	ND	23.0	ND
ETHYLBENZENE	100-41-4	5.00	279	21.7	1210
XYLENE (M+P)	179601-23-1	10.0	865	43.4	3760
STYRENE	100-42-5	5.00	ND	21.3	ND
XYLENE (O)	95-47-6	5.00	194	21.7	842
1,1,2,2-TETRACHLOROETHANE	79-34-5	5.00	ND	34.3	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	5.00	80.8	24.6	397
1,2,4-TRIMETHYLBENZENE	95-63-6	5.00	105	24.6	517
1,3-DICHLOROBENZENE	541-73-1	5.00	ND	30.1	ND
1,4-DICHLOROBENZENE	106-46-7	5.00	ND	30.1	ND
1,2-DICHLOROBENZENE	95-50-1	5.00	ND	30.1	ND
1,2,4-TRICHLOROBENZENE	120-82-1	5.00	ND	37.1	ND
HEXACHLOROBUTADIENE	87-68-3	5.00	ND	53.3	ND

#### NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

**RL-REPORTING LIMIT** 

NA - NOT APPLICABLE OR AVAILABLE

µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE

AND PRESSURE (NPT).

APPROVED BY: ////
DATE: 8/11/17

K PRIME, INC.
LABORATORY METHOD BLANK REPORT

METHOD BLANK ID:

B080417A1

SAMPLE TYPE:

AIR

BATCH ID:

080417A1

**METHOD: VOC'S IN AIR** 

REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

DATE ANALYZED:

8/4/2017

		PPB (	V/V)	µg/cu.	m
COMPOUND NAME	CAS NO.	RL	SAMPLE	RL	SAMPLE
DICHLORODIFLUOROMETHANE	75-71-8	0.500	ND	2.47	ND
CHLOROMETHANE	74-87-3	0.500	ND	1.03	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	0.500	ND	3.50	ND
VINYL CHLORIDE	75-01-4	0.500	ND	1.28	ND
BROMOMETHANE	74-83-9	0.500	ND	1.94	ND
CHLOROETHANE	75-00-3	0.500	ND	1.32	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.500	ND	2.81	ND
1,1-DICHLOROETHENE	75-35-4	0.500	ND	1.98	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	0.500	ND	1.74	ND
1,1-DICHLOROETHANE	75-34-3	0.500	ND	2.02	ND
CIS-1,2-DICHLOROETHENE	159-59-2	0.500	ND	1.98	ND
CHLOROFORM	67-66-3	0.500	ND	2.44	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.500	ND	2.73	ND
1,2-DICHLOROETHANE	107-06-2	0.500	ND	2.02	ND
BENZENE	71-43-2	0.500	ND	1.60	ND
CARBON TETRACHLORIDE	56-23-5	0.500	ND	3.15	ND
1,2-DICHLOROPROPANE	78-87-5	0.500	ND	2.31	ND
TRICHLOROETHENE	79-01-6	0.500	ND	2.69	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.500	ND	2.27	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.500	ND	2.27	ND
TOLUENE	108-88-3	0.500	ND	1.88	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.500	ND	2.73	ND
1,2-DIBROMOETHANE	106-93-4	0.500	ND	3.84	ND
TETRACHLOROETHENE	127-18-4	0.500	ND	3.39	ND
CHLOROBENZENE	108-90-7	0.500	ND	2.30	ND
ETHYLBENZENE	100-41-4	0.500	ND	2.17	ND
XYLENE (M+P)	179601-23-1	1.00	ND	4.34	ND
STYRENE	100-42-5	0.500	ND	2.13	ND
XYLENE (O)	95-47-6	0.500	ND	2.17	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.500	ND	3.43	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.500	ND	2.46	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND	2.46	ND
1,3-DICHLOROBENZENE	541-73-1	0.500	ND	3.01	ND
1,4-DICHLOROBENZENE	106-46-7	0.500	ND	3.01	ND
1,2-DICHLOROBENZENE	95-50-1	0.500	ND	3.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.500	ND	3.71	ND
HEXACHLOROBUTADIENE	87-68-3	0.500	ND	5.33	ND

#### NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

MRL - METHOD REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

 $\mu\text{g/cu.}$  m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

K PRIME, INC. LABORATORY QUALITY CONTROL REPORT

LAB CONTROL ID: L080417A1

LAB CONTROL DUPLICATE ID: D080417A1

SAMPLE TYPE:

AIR

METHOD: VOC'S IN AIR

BATCH ID:

REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

080417A1 DATE ANALYZED: 8/4/2017

COMPOUND NAME	SPIKE ADDED (PPB)	REPORTING LIMIT (PPB)	SAMPLE CONC (PPB)	SPIKE CONC (PPB)	SPIKE REC (%)	REC LIMITS (%)
1,1-DICHLOROETHENE	10.0	0.500	ND	10.8	108	60 - 140
BENZENE	10.0	0.500	ND	11.5	115	60 - 140
TRICHLOROETHENE	10.0	0.500	ND	10.1	101	60 - 140
TOLUENE	10.0	0.500	ND	11.7	117	60 - 140
TETRACHLOROETHENE	10.0	0.500	ND	9.42	94	60 - 140

	SPIKE	SPIKE DUP	SPIKE DUP		QC	LIMITS
COMPOUND NAME	ADDED (PPB)	CONC (PPB)	REC (%)	RPD (%)	RPD (%)	REC (%)
1,1-DICHLOROETHENE	10.0	11.1	111	2.4	25	60 - 140
BENZENE	10.0	11.8	118	2.2	25	60 - 140
TRICHLOROETHENE	10.0	10.2	102	1.8	25	60 - 140
TOLUENE	10.0	11.9	119	1.9	25	60 - 140
TETRACHLOROETHENE	10.0	9.50	95	0.8	25	60 - 140

#### NOTES:

NA - NOT APPLICABLE OR AVAILABLE

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT



711 Grand Avenue, Suite 220 San Rafael, California 94901 415.460.6770 • Fax 415.460.6771 main@westenvironmental.com

#### SAMPLE ANALYSIS/COMPOSITE REQUEST FORM

CHAIN-OF-CUSTODY

Invoice to: WEST, Inc.		Date: $\frac{7}{3}$ / $\frac{7}{7}$   Page 1 of 1					1								
Project: Regis.LosAltos (17.03 Task 1.0)					Loc	ation	: 10	)1 to	151	1st S	treet	, Los	Alto	os, C	4
Project Manager: Peter Morris, WEST,	Inc.				Pho	ne: 4	15/4	60-6	770			Fax:	415	460-	6771
Laboratory: KPrime, Inc, Santa Rosa, CA	\	-				naro		1	2	3	5	7	10	Std.	
Sampler Signature:	M				tim	e (da	ys)		X						
127	1	and the			Analyses Requested										
Sample ID Summa ID 2	Time	Type	# Containers	Composite	VOCs (TO-15)							1	KPI #		HOLD
W-1-5 5-851 8/8/17	1142 1155	A	1		X							157218			
W-3-5 5-250 8/8/17	1340		l		X								121		
W-5-5 5-356 48/17	101	A	}		X							15-	122	0	
W-9-5 5-600 8/8/17	1417425	A	l	Angum	X	$ \mathcal{X} $					15-	22	4		
W-16-5 5-360 8/8/17	1453 500	A	)	-	X							157222			
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NOTES:							EDF		Log	Code	:	W	ESS		}
							EDF Log Code: WESS  Global ID:								
Relinquished by: (Signature) Date/Time							by: (S	Signa	ture)			Date/	Time	00	(K)
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Relinquished by: (Signature)  Date/Time						Received by: (Signature) Date/Time									
Dum M. 8/9/17					<u>C</u> .	d	Qu		7	_		8-9	17	(2	:25p

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd. Santa Rosa CA 95403 Phone: 707 527 7574 707 527 7879 FAX:

9946

TASK 1.0)

PROJ: REGIS.LOSALTOS (17.03

ACCT:

**TRANSMITTAL** 

DATE:

8/14/2017

TO:

MR. PETER MORRIS

WEST ENVIRONMENTAL S&T

711 GRAND AVENUE, SUITE 220

SAN RAFAEL, CA 94901

Phone:

415-460-6770 415-460-6771

Fax: Email:

main@westenvironmental.com

FROM:

Richard A. Kagel, Ph.D.

Laboratory Director

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT

REGIS.LOSALTOS (17.03 TASK 1.0)

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
W-14-5	AIR	08/09/17	12:40	157396
W-17-5	AIR	08/09/17	11:50	157397

The above listed sample group was received on on the chain of custody document.

08/10/17 and tested as requested

Please call me if you have any questions or need further information. Thank you for this opportunity to be of service.

K PRIME, INC. SAMPLE ID: LABORATORY REPORT LAB NO:

W-14-5

157396

REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

		PPB (	(V/V)	μg/cu. ι	m
COMPOUND NAME	CAS NO.	RL	SAMPLE	RL	SAMPLE
DICHLORODIFLUOROMETHANE	75-71-8	1.00	ND	4.95	ND
CHLOROMETHANE	74-87-3	1.00	ND	2.07	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	1.00	ND	6.99	ND
VINYL CHLORIDE	75-01-4	1.00	ND	2.56	ND
BROMOMETHANE	74-83-9	1.00	ND	3.88	ND
CHLOROETHANE	75-00-3	1.00	ND	2.64	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND	5.62	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND	3.97	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	ND	7.66	ND
METHYLENE CHLORIDE	75-09-2	1.00	ND	3.47	ND
1.1-DICHLOROETHANE	75-34-3	1.00	ND	4.05	ND
CIS-1,2-DICHLOROETHENE	159-59-2	1.00	ND	3.97	ND
CHLOROFORM	67-66-3	1.00	ND	4.88	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.00	2.33	5.46	12.7
1,2-DICHLOROETHANE	107-06-2	1.00	ND	4.05	ND
BENZENE	71-43-2	1.00	ND	3.19	ND
CARBON TETRACHLORIDE	56-23-5	1.00	ND	6.29	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND	4.62	ND
TRICHLOROETHENE	79-01-6	1.00	ND	5.37	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND	4.54	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND	4.54	ND
TOLUENE	108-88-3	1.00	ND	3.77	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.00	ND	5.46	ND
1,2-DIBROMOETHANE	106-93-4	1.00	ND	7.68	ND
TETRACHLOROETHENE	127-18-4	1.00	44.2	6.78	299
CHLOROBENZENE	108-90-7	1.00	ND	4.60	ND
ETHYLBENZENE	100-41-4	1.00	ND	4.34	ND
XYLENE (M+P)	179601-23-1	2.00	ND	8.68	ND
STYRENE	100-42-5	1.00	ND	4.26	ND
XYLENE (O)	95-47-6	1.00	ND	4.34	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.00	ND	6.87	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.00	ND	4.92	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	ND	4.92	ND
1,3-DICHLOROBENZENE	541-73-1	1.00	ND	6.01	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND	6.01	ND
1,2-DICHLOROBENZENE	95-50-1	1.00	ND	6.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND	7.42	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND	10.7	ND

#### NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

**RL - REPORTING LIMIT** 

NA - NOT APPLICABLE OR AVAILABLE

 $\mu g/cu.$  m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: Ch

K PRIME, INC. LABORATORY REPORT

K PRIME PROJECT: 9946

CLIENT PROJECT: REGIS.LOSALTOS (17.03 TASK 1.0)

METHOD: VOC'S IN AIR

REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

SAMPLE ID: LAB NO:

SAMPLE TYPE: DATE SAMPLED:

AIR 8/9/2017 11:50

W-17-5

157397

TIME SAMPLED: BATCH ID: DATE ANALYZED:

080417A1 8/11/2017

		PPB (	V/V)	μg/cu. m	<u> </u>
COMPOUND NAME	CAS NO.	Į RL	SAMPLE	RL	SAMPLE
DICHLORODIFLUOROMETHANE	75-71-8	1.00	1.22	4.95	6.03
CHLOROMETHANE	74-87-3	1.00	ND	2.07	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	1.00	ND	6.99	ND
VINYL CHLORIDE	75-01-4	1.00	ND	2.56	ND
BROMOMETHANE	74-83-9	1.00	ND	3.88	ND
CHLOROETHANE	75-00-3	1.00	ND	2.64	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND	5.62	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND	3.97	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	ND	7.66	ND
METHYLENE CHLORIDE	75-09-2	1.00	ND	3.47	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND	4.05	ND
CIS-1,2-DICHLOROETHENE	159-59-2	1.00	ND	3.97	ND
CHLOROFORM	67-66-3	1.00	ND	4.88	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.00	ND	5.46	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND	4.05	ND
BENZENE	71-43-2	1.00	1.30	3.19	4.15
CARBON TETRACHLORIDE	56-23-5	1.00	ND	6.29	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND	4.62	ND
TRICHLOROETHENE	79-01-6	1.00	ND	5.37	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND	4.54	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND	4.54	ND
TOLUENE	108-88-3	1.00	1.59	3.77	5.99
I,1,2-TRICHLOROETHANE	79-00-5	1.00	ND	5.46	ND
1,2-DIBROMOETHANE	106-93-4	1.00	ND	7.68	ND
TETRACHLOROETHENE	127-18-4	1.00	ND	6.78	ND
CHLOROBENZENE	108-90-7	1.00	ND	4.60	ND
THYLBENZENE	100-41-4	1.00	6.30	4.34	27.4
(YLENE (M+P)	179601-23-1	2.00	26.6	8.68	115
STYRENE	100-42-5	1.00	ND	4.26	ND
(YLENE (O)	95-47-6	1.00	7.75	4.34	33.6

1.00

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1.00

1.00

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6.87

4.92

4.92

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6.01

6.01

7.42

10.7

ND

ND

ND

ND

ND

ND

ND

ND

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

**RL-REPORTING LIMIT** 

1,1,2,2-TETRACHLOROETHANE

1,3,5-TRIMETHYLBENZENE 1,2,4-TRIMETHYLBENZENE

1,3-DICHLOROBENZENE

1,4-DICHLOROBENZENE

1,2-DICHLOROBENZENE

1,2,4-TRICHLOROBENZENE

HEXACHLOROBUTADIENE

NA - NOT APPLICABLE OR AVAILABLE

µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE

79-34-5

108-67-8

95-63-6

541-73-1

106-46-7

95-50-1

120-82-1

87-68-3

AND PRESSURE (NPT).

APPROVED BY: DATE: 8/14/8017 K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

LAB CONTROL ID: L080417A1
LAB CONTROL DUPLICATE ID: D080417A1

SAMPLE TYPE:

AIR

BATCH ID:

DATE ANALYZED: 8/4/2017

080417A1

**METHOD: VOC'S IN AIR** 

OU 3 M AIR

REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

COMPOUND NAME	SPIKE ADDED (PPB)	REPORTING LIMIT (PPB)	SAMPLE CONC (PPB)	SPIKE CONC (PPB)	SPIKE REC (%)	REC LIMITS (%)
1,1-DICHLOROETHENE	10.0	0.500	ND	10.8	108	60 - 140
BENZENE	10.0	0.500	ND	11.5	115	60 - 140
TRICHLOROETHENE	10.0	0.500	ND	10.1	101	60 - 140
TOLUENE	10.0	0.500	ND	11.7	117	60 - 140
TETRACHLOROETHENE	10.0	0.500	ND	9.42	94	60 - 140

	SPIKE	SPIKE DUP	SPIKE DUP		QC	LIMITS
COMPOUND NAME	ADDED (PPB)	CONC (PPB)	REC (%)	RPD (%)	RPD (%)	REC (%)
1,1-DICHLOROETHENE	10.0	11.1	111	2.4	25	60 - 140
BENZENE	10.0	11.8	118	2.2	25	60 - 140
TRICHLOROETHENE	10.0	10.2	102	1.8	25	60 - 140
TOLUENE	10.0	11.9	119	1.9	25	60 - 140
TETRACHLOROETHENE	10.0	9.50	95	0.8	25	60 - 140

#### NOTES:

NA - NOT APPLICABLE OR AVAILABLE

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

K PRIME, INC. LABORATORY METHOD BLANK REPORT

METHOD BLANK ID:

B080417A1

**SAMPLE TYPE:** 

AIR

METHOD: VOC'S IN AIR

BATCH ID: DATE ANALYZED: 080417A1 8/4/2017

REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

		PPB (	V/V)	µg/cu.	m
COMPOUND NAME	CAS NO.	RL	SAMPLE	RL	SAMPLE
DICHLORODIFLUOROMETHANE	75-71-8	0.500	ND	2.47	ND
CHLOROMETHANE	74-87-3	0.500	ND	1.03	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	0.500	ND	3.50	ND
VINYL CHLORIDE	75-01-4	0.500	ND	1.28	ND
BROMOMETHANE	74-83-9	0.500	ND	1.94	ND
CHLOROETHANE	75-00-3	0.500	ND	1.32	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.500	ND	2.81	ND
1,1-DICHLOROETHENE	75-35-4	0.500	ND	1.98	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	0.500	ND	1.74	ND
1,1-DICHLOROETHANE	75-34-3	0.500	ND	2.02	ND
CIS-1,2-DICHLOROETHENE	159-59-2	0.500	ND	1.98	ND
CHLOROFORM	67-66-3	0.500	ND	2.44	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.500	ND	2.73	ND
1,2-DICHLOROETHANE	107-06-2	0.500	ND	2.02	ND
BENZENE	71-43-2	0.500	ND	1.60	ND
CARBON TETRACHLORIDE	56-23-5	0.500	ND	3.15	ND
1,2-DICHLOROPROPANE	78-87-5	0.500	ND	2.31	ND
TRICHLOROETHENE	79-01-6	0.500	ND	2.69	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.500	ND	2.27	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.500	ND	2.27	ND
TOLUENE	108-88-3	0.500	ND	1.88	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.500	ND	2.73	ND
1,2-DIBROMOETHANE	106-93-4	0.500	ND	3.84	ND
TETRACHLOROETHENE	127-18-4	0.500	ND	3.39	ND
CHLOROBENZENE	108-90-7	0.500	ND	2.30	ND
ETHYLBENZENE	100-41-4	0.500	ND	2.17	ND
XYLENE (M+P)	179601-23-1	1.00	ND	4.34	ND
STYRENE	100-42-5	0.500	ND	2.13	ND
XYLENE (O)	95-47-6	0.500	ND	2.17	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.500	ND	3.43	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.500	ND	2.46	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND	2.46	ND
1,3-DICHLOROBENZENE	541-73-1	0.500	ND	3.01	ND
1,4-DICHLOROBENZENE	106-46-7	0.500	ND	3.01	ND
1,2-DICHLOROBENZENE	95-50-1	0.500	ND	3.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.500	ND	3.71	ND
HEXACHLOROBUTADIENE	87-68-3	0.500	ND	5.33	ND

#### NOTES:

 $\ensuremath{\mathsf{ND}}$  -  $\ensuremath{\mathsf{NOT}}$  DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

MRL - METHOD REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

 $\mu g/cu.$  m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).



711 Grand Avenue, Suite 220 San Rafael, California 94901 415.460.6770 • Fax 415.460.6771 main@westenvironmental.com

#### SAMPLE ANALYSIS/COMPOSITE REQUEST FORM

# CHAIN-OF-CUSTODY

ic.					ation:				1st S	treet		_		
1/				Pho	no. 4	4 F 1 4								
11		Project Manager: Peter Morris, WEST, Inc.								Phone: 415/460-6770 Fax: 415/460-				
1/	aboratory: KPrime, Inc, Santa Rosa, CA								3	5	7	10	Std.	
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# PHASE I ENVIRONMENTAL SITE ASSESSMENT Plaza Parking Lot Los Altos, California

August 2017

Prepared for

New Venture Fund 1201 Connecticut Ave NW Suite 300 Washington, DC 20036

Prepared by



711 Grand Avenue, Suite 220 San Rafael, California 94901 415/460-6770 Fax 415/460-6771 main@westenvironmental.com



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#### SIGNATURE PAGE

In conformance with 40 CFR 312, the undersigned "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."

"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."

C44031 EXP. 6/30/ /9

7084

Exp. 4/30/

Peter M. Krasnoff

California Registered Civil Engineer (44031)

Date

Peter E. Morris

California Professional Geologist (7084)

Date



#### 1.0 INTRODUCTION

West Environmental Services & Technology, Inc. (WEST), prepared this *Phase I Environmental Site Assessment* ("*Phase I ESA*") for the Plaza parking lot property located along 1<sup>st</sup> Street in Los Altos, California ("the Site;" Figure 1-1). This *Phase I ESA* was conducted in accordance with: 1) the United States Environmental Protection Agency's (USEPA's) Chapter 40 Code of Federal (CFR) Regulations Part 312, Standards and Practices for All Appropriate Inquiry: Final Rule (40 CFR 312); and 2) ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E 1527-13 (ASTM E 1527).

#### 1.1 Purpose

The objective of performing the *Phase I ESA* was to identify recognized environmental conditions (RECs) at the Site related to the previous ownership and uses of the Site and adjoining properties. RECs, as applied in the scope of this work, are the presence or likely presence of any hazardous substance or petroleum products in, on or at the Site: (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.

#### 1.2 DETAILED SCOPE-OF-SERVICES

The work followed the guidelines as outlined in 40 CFR 312 and ASTM E 1527, except as otherwise noted. Specifically, WEST performed the following activities:

• WEST obtained and reviewed reasonably ascertainable background data on the characteristics and previous uses of the Site. The work included reviewing selected historical aerial photographs, topographic maps and reasonably ascertainable data on the geology and hydrogeology of the Site and vicinity;



- WEST conducted a Site reconnaissance of accessible interior and exterior portions of the grounds and performed a drive-by reconnaissance of the surrounding neighborhood;
- WEST requested information from local regulatory agency representatives regarding the previous and current uses of the Site;
- WEST searched pertinent regulatory records concerning potential releases of hazardous materials at the Site and surrounding properties that may have impacted soil and/or groundwater quality. Representatives of appropriate regulatory agencies were contacted regarding regulatory records for the Site and surrounding area;
- The findings were evaluated to develop opinions regarding whether they represented recognized environmental conditions; and
- WEST performed a data gap analysis.

The scope of the *Phase I ESA* did include collection of soil and soil gas samples as part of a Phase II Environmental Site Assessment (Phase II ESA) but did not include evaluations for possible natural hazards such as naturally occurring radon gas, methane gas or the potential for earthquake or flood damage.

#### 1.3 LIMITATIONS AND EXCEPTIONS

The observations and conclusions presented in this report are professional opinions based on the activities conducted and the information obtained during the environmental assessment described herein. Opinions presented here apply only to the observed Site conditions existing at the time of the assessment and cannot necessarily apply to Site conditions or changes of which this office is not aware or has not had the opportunity to evaluate. Any conclusions drawn from this data rely on the integrity of the information available at the time of the investigation and an absolute determination of environmental risks cannot be made.



#### 1.4 SPECIAL TERMS AND CONDITIONS

No special terms and conditions were indicated by the User for this *Phase I ESA*.

#### 1.5 USER RELIANCE

The *Phase I ESA* report is for the exclusive use of the User and its designees. Use of this report by any other party shall be at such party's sole risk.

#### 1.6 EXECUTIVE SUMMARY

We have prepared this *Phase I ESA* in conformance with the scope and limitations of ASTM E 1527. Any exceptions to, or deletions from, this practice are described in Section 8.0 of this report. This assessment revealed no evidence of current recognized environmental conditions in connection with the Site; except for those listed in Table 7-1. Consistent with 40 CFR 312 and ASTM E 1527, no data gaps of historical records were identified. A summary of the *Phase I ESA* is presented below.

#### 1.6.1 Background

The Site is comprised of a parking lot located along the northeast side of 1<sup>st</sup> Street in Los Altos, California. The Site is bounded by: a parking lot to the east; commercial businesses and State Street to the south; 1<sup>st</sup> Street to the west; and commercial businesses including 101/11 to 151 1<sup>st</sup> Street to the north. Currently, the Site is developed as parking lot.

#### 1.6.2 Findings

Between the 1920s and 1930s, the Site was occupied by a residence, a grain and feed warehouse with a earthen floor and a separate rectangular building (EDR, 2017). By the 1960s, the building structures had been removed and the property developed into a parking lot.



#### 1.6.2.1 NEARBY PROPERTIES AND USES

Areas adjacent and nearby to the Site were undeveloped between the 1920s and the 1950s (EDR, 2017); except for a residence at 145 1<sup>st</sup> Street. The Los Altos Garbage Company had operations at 101/111 and 121 1<sup>st</sup> Street (1950s-1970s) and an automobile repair shop operated at 139 1<sup>st</sup> Street (1950s-2010s). Between the 1960s and 2010s, several other commercial businesses operated on the Site including: carpet cleaning and a blue print shop (101/111 1<sup>st</sup> Street); garden equipment shop (121 1<sup>st</sup> Street); glass replacement, jewelry repair and nail salon (127 1<sup>st</sup> Street); retail flooring shop and cycling studio (129 1<sup>st</sup> Street); development company (141 1<sup>st</sup> Street); commercial businesses and restaurant (145 1<sup>st</sup> Street); and office building and gaming arcade (151 1<sup>st</sup> Street) (EDR, 2017; Table 7-1).

A backup diesel generator was also observed on the roof of 121 1<sup>st</sup> Street (IRC, 2016b). Staining of the roof was observed near the generator. An elevator was also reportedly installed at 127 1<sup>st</sup> Street (IRC, 2016b). Fill material was reported to be present at 129 1<sup>st</sup> Street during construction in the 2000s (AEI, 2008).

Underground storage tanks (USTs) for vehicle fuel storage were formerly located at 101/111 1<sup>st</sup> Street and 141 1<sup>st</sup> Street. In the 1960s, an approximately 1,000-gallon gasoline UST and associated fuel island were installed in the 1960s at 101/111 1st Street (IRC, 2016a). The UST was reportedly used for fueling the garbage trucks. The UST was reportedly slurry-filled and closed in-place in October 1985 with oversight from the Santa Clara County Department of Environmental Health (SCCDEH) (IRC, 2016a). In June 2007, the UST was then excavated and removed with oversight from the SCCDEH (IRC, 2016a). Soil samples collected following UST removal reportedly did not detect total petroleum hydrocarbons as gasoline or volatile organic compounds including benzene above laboratory-reporting limits.

In the late 1970s, a flammable liquids permit was obtained by Gerard Homes for a 2,000-gallon gasoline UST located at the rear of the property (AEI, 2013). In August 1990, the UST was removed under permit from the SCCDEH (AEI, 2013). Soil samples collected in August 1990



from the UST excavation following removal did not detect TPHg, benzene, toluene, ethyl benzene or xylenes above the laboratory-reporting limits. In May 1991, the SCCDEH noted in the file "Closed Tank" (AEI, 2013).

In June 2010, a Phase II Environmental Site Assessment (Phase II ESA) was conducted at 145 1st Street to characterize potential impacts from the former UST on the neighboring property at 141 1st Street (E2C, 2010b). Four borings were advanced at 145 1st Street for collection of soil samples (boring B1) and soil gas samples (SG1, SG2 and SG3). Borings B1 and SG1 were advanced nearest the former UST location at the rear of 145 1st Street. SG2 was advanced midway along the building along the northwest edge and SG3 was advanced at the front of the building near 1st Street (E2C, 2010b). Laboratory analysis of soil and soil gas samples collected from borings B1 and SG1 did not reveal VOCs or TPHg above the laboratory-reporting limits. Laboratory analysis of soil gas samples SG2 and SG3 revealed tetrahydrofuran up to 9.2 micrograms per cubic meter (μg/m³; SG3); and TPHg up to 7,900 μg/m³ (SG3) (E2C, 2010b).

Between at least the 1950s and 1970s, a gasoline service station operated at 95 First Street (located across Shasta Street from 101/111 1<sup>st</sup> Street) (EDR, 2017). The service station, Don's Gulf Service, reportedly had three gasoline USTs and one waste UST (IRC, 2016a).

Southern Pacific Railroad (SPRR) maintained a Right-of-Way (ROW) to the west of the Site (EDR, 2017) up until the early 1960s. Features of SPRR ROW included: rail lines; electrical substation for the Peninsular Railway Company; wood piles; hay and coal storage sheds; freight depot building; and other buildings. In the late 1960s, the SPRR ROW was redeveloped with commercial operations and Foothill expressway was constructed along the railroad track ROW (EDR, 2017). In the late 1960s, Safeway constructed a single story grocery store at 160 1st Street (COLA, 2017). Between 2014 and 2015, the Safeway grocery store was remodeled with at-grade parking and retail grocery sales on the second floor.



Sanitary sewers are located within 1<sup>st</sup> Street and within the alley located on the northeast side of the Site. Wastewaters generated from the commercial businesses at and near the Site are discharged to these sewers. Information regarding the flow direction of the sanitary sewers was not reasonably ascertainable.

Other dry cleaners and carpet cleaners were located south of the Site at 199 1st Street (Four Seasons Carpet Cleaners; 1998-2014), 390 State Street (Carpet Care; 2002-2006), Los Altos French Cleaners (358 State Street; 2001-2009) and State Street Cleaners (358 State Street; 1975-1985) (EDR, 2017). Information regarding, type(s) of chemicals used and stored; hazardous wastes generated; and soil; soil gas and groundwater conditions were not reasonably ascertainable.

Between the 1980s and 2000s, a dry cleaner and coin-operated laundry operated at 230 First Street, approximately 400-feet south of the Site (COLA, 2017). In 2000, the dry cleaning operations converted to petroleum-based cleaning solvent (COLA, 2017). In 2014, the building was demolished and property redeveloped with a two-story commercial office building. Based on the groundwater flow direction, the Site is located hydraulically cross-gradient to downgradient from the former dry cleaner at 230 1<sup>st</sup> Street (TRC, 2009).

#### 1.6.2.2 Phase II Environmental Site Assessment – August 2017

In August 2017, Phase II Environmental Site Assessment (Phase II ESA) sampling was conducted at the Site. The Phase II ESA sampling included advancing borings and collecting soil and soil gas samples for laboratory analysis (Appendix D). Seven borings WP-1 to WP-7 were advanced at the Site.

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Soil samples were collected from borings WP-1 to WP-7 to characterize potential presence of metals including lead in soil from the former historical buildings constructed on and adjacent to the Site. Laboratory analysis of the soil samples revealed: chromium up to 160 milligrams per kilogram (mg/kg); cobalt up to 28.7 mg/kg; copper up to 55.4 mg/kg; lead up to 19.6 mg/kg; nickel up to 99.3 mg/kg; vanadium up to 161 mg/kg; and zinc up to 95.9 mg/kg (Appendix D). Cobalt (up to 28.7 mg/kg) was detected above its California Regional Water Quality Control Board-San Francisco Bay Region (Regional Water Board) Environmental Screening Level (ESL) of 23 mg/kg; however lead (up to 19.6 mg/kg) was detected below its Regional Water Board ESL of 80 mg/kg (Appendix D).

Soil gas samples were collected from borings WP-1, WP-4, WP-5 and WP-6, to characterize potential presence of hazardous substances due to releases from on-Site and off-Site sanitary sewers, off-Site former SPRR ROW operations and off-Site former dry cleaners. Laboratory analysis of the soil gas samples revealed VOCs including: benzene up to 13.4 micrograms per cubic meter ( $\mu$ g/m³); toluene up to 46.3  $\mu$ g/m³; ethyl benzene up to 10.5  $\mu$ g/m³; xylenes up to 65.8  $\mu$ g/m³; 1,3,5-trimethylbenzene up to 87.4  $\mu$ g/m³; 1,2,4-trimethylbenzene up to 128  $\mu$ g/m³; tetrachloroethene (PCE) up to 9.56  $\mu$ g/m³ and dichlorodifluoromethane up to 7.07  $\mu$ g/m³. The VOCs in soil gas were detected at concentrations below their respective Regional Water Board ESLs for the protection of indoor air (Appendix D).

#### 1.6.3 Conclusions

Based on the findings and opinions, this assessment has revealed no evidence of recognized environmental conditions in connection with the Site and on adjacent properties, except for those identified below.

 Cobalt in soil, while present below applicable commercial/construction worker protection levels, is present above unrestricted use levels.



Details of the findings, opinions and conclusions are presented in Table 7-1. Consistent with 40 CFR 312 and ASTM E 1527, no data gaps of historical records were identified.



#### 2.0 SITE DESCRIPTION

The Site is bounded by: a parking lot to the east; commercial businesses and State Street to the south; 1<sup>st</sup> Street to the west; and commercial businesses including 101/111 to 151 1<sup>st</sup> Street to the north. Currently, the Site is developed as parking lot.

#### 2.1 REGIONAL GEOLOGIC AND HYDROGEOLOGIC SETTING

The Site is located within the Santa Clara Valley Groundwater Basin of the San Francisco Bay (DWR, 2004). The subsurface geology at and near the Site is comprised of Quaternary alluvial fan and stream deposits and the Santa Clara Formation. The geology encountered in borings advanced at the Site is comprised of interbedded an unconsolidated gravelly clays, clayey gravels, silty gravels and sands (Lowney, 1991).

The depth to groundwater was measured in former monitoring wells installed near the Site (401 Main Street) between approximately at approximately 100-feet below ground surface and 130-feet below ground surface (Geotracker, 2017). The groundwater flow direction near the Site is to the northeast (TRC, 2009).

#### 2.2 SURFACE WATER

Purisima Creek is located approximately 750-feet southwest of the Site. Hale Creek is located approximately 1.5-miles to the east of the Site. The San Francisco Bay is located approximately 5-miles to the northeast.

#### 2.3 Current Uses of Adjoining Properties

The Site is located within a mixed commercial and residential area of Los Altos, California. Commercial businesses and offices are located to the northwest; southwest and southeast. Residential apartments are located to the northeast.

Environmental Services & Technology

#### 3.0 USER PROVIDED INFORMATION

WEST submitted a questionnaire to the User to assist in identifying the known recognized environmental conditions in connection with the Site. At the time of this Phase I ESA, the User Questionnaire had not been completed by the User.

#### 3.1 TITLE RECORDS

A preliminary title report was not provided by the User for review as part of the *Phase I ESA*.

#### 3.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

Environmental Lien Search Reports were also obtained from Environmental Data Resources, Inc. (EDR) of Milford, Connecticut. The Environmental Lien Search Reports did not identify environmental liens or activity use limitations associated with the Site (EDR, 2017) (Appendix A).

#### 3.3 SPECIALIZED KNOWLEDGE

At the time of this Phase I ESA, the User Questionnaire had not been completed by the User; therefore, it is unknown whether the User has specialized knowledge or experience related to the Site.

#### 3.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

At the time of this Phase I ESA, the User Questionnaire had not been completed by the User; therefore, it is unknown whether the purchase price for the Site does reasonably reflect the fair market value of property.

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#### 3.5 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE SITE INFORMATION

At the time of this Phase I ESA, the User Questionnaire had not been completed by the User; therefore, it is unknown whether the User has awareness of: past Site uses; knowledge of specific chemicals present or that were present at the Site; or past spills, releases or environmental cleanups at the Site.

#### 3.6 DEGREE OF OBVIOUSNESS

At the time of this Phase I ESA, the User Questionnaire had not been completed by the User; therefore; it is unknown whether the User has knowledge and experience regarding obvious indicators that point to the presence or likely presence of releases at the Site.

#### 3.7 OTHER

The User did not indicate the reason for performing the Phase I ESA; however, pursuant to ASTM E 1527 Section 6.8, it is assumed that the purpose of the Phase I ESA is to qualify for bona fide purchaser protection pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).



### 4.0 RECORDS REVIEW

A records review was conducted to identify recognized environmental conditions at and near the Site. The records searched for this *Phase I ESA* consisted of standard federal and state environmental record sources as defined in ASTM E 1527. Historical records searched as part of the *Phase I ESA* included: aerial photographs; topographic maps; and city directories. Relevant historical uses associated with the Site and surrounding areas are depicted on Figure 2-1 and discussed in Table 7-1.

#### 4.1 STANDARD ENVIRONMENTAL RECORD SOURCES

An environmental database report was prepared by EDR and consisted of a review of federal and state regulatory listings for sites within the search radii established under the ASTM E 1527 (EDR, 2016). Sites listed in the EDR environmental database report located: greater than 1,000-feet distance from the Site; at topographically lower elevations; and/or hydraulically downgradient or cross-gradient from the Site, were reviewed but not considered relevant to the identification of recognized environmental conditions. Discussions of the relevant findings from the environmental database report, e.g., sites within approximately 1,000-feet and hydraulically upgradient of the Site have been included, as appropriate, in Table 7-1. A copy of the EDR environmental database report is included in Appendix A.

#### 4.2 Additional Environmental Records Sources

Additional environmental records including previous environmental reports, permits and correspondence were requested from: Regional Water Board; Department of Toxics Substances Control (DTSC); Bay Area Air Quality Management District (BAAQMD); SCCDEH; and City of Los Altos. Electronic databases were also accessed from the California State Water Resources Control Board's Geotracker environmental database and the Department of Toxic Substances Control's (DTSC) Envirostor environmental database. Discussions of the relevant findings from



the additional environmental record sources have been included in Table 7-1. Copies of the relevant documents have been included in Appendix B.

#### 4.3 Physical Setting Sources

The 1953, 1955, 1961, 1968, 1973, 1980, 1981, 1994, 1995, 1997, 1998 and 2012 Mountain View United States Geological Service (USGS) 7.5 Minute Quadrangle topographic maps were reviewed to identify geologic, hydrogeologic, hydrologic and topographic features of the Site and surrounding area. Copies of the USGS topographic maps are included in Appendix B.

#### 4.4 HISTORICAL USE INFORMATION ON THE SITE

The objective for reviewing historical sources regarding past uses of the Site was to develop information regarding history of previous uses of the Site and surrounding area to identify the likelihood of past uses having led to recognized environmental conditions in connection with the Site. Reasonably ascertainable historical sources including aerial photographs, city directories, Sanborn Fire Insurance Maps and topographic maps were reviewed. Locations of relevant historical uses of the Site are identified on Figure 2-1. Copies of the historical aerial photographs, Sanborn Fire Insurance Maps and topographic maps are included in Appendix B.

#### 4.5 HISTORICAL USE INFORMATION ON ADJOINING PROPERTIES

The information sources used for evaluating the historical use of the Site were reviewed to identify historical uses of adjoining properties. Locations of relevant historical uses of adjoining properties are identified on Figure 2-1.



#### 5.0 SITE RECONNAISSANCE

A Site reconnaissance was performed by WEST on June 6, 2017. The objective of the reconnaissance was to obtain information indicating the likelihood of recognized environmental conditions in connection with the Site. The reconnaissance included a visual observation of the Site and adjoining properties. A summary of the relevant conditions observed during the Site reconnaissance is included in Table 7-1. Photographs and documentation of observations of the Site are included in Appendix C.

#### 5.1 METHODOLOGY AND LIMITING CONDITIONS

As part of the reconnaissance, accessible portions of the Site were observed visually. Accessible physical conditions included: pathways, access roads and walkways located on the perimeter of the Site as well. Adjoining properties were also visually observed, where possible.

#### 5.2 GENERAL SITE SETTING

Observations were made during the Site reconnaissance to identify whether the current uses of the Site and adjoining properties are likely to involve the use, treatment, storage, disposal or generation of hazardous substances or petroleum products. A summary of the relevant findings from the Site reconnaissance is included in Table 7-1.

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#### 6.0 INTERVIEWS

The objective of the interviews was to obtain information indicating recognized environmental conditions in connection with the Site. At the time of this Phase I ESA, the interview questionnaire had not been completed.

#### 6.1 INTERVIEW WITH OWNER

The Site owner representative was not identified; thus interviews were not conducted.

#### 6.2 INTERVIEW WITH PROPERTY MANAGER

The Property Manager representative was not identified; therefore, the Property Manager representative was not interviewed.

#### 6.3 INTERVIEW WITH OCCUPANTS

Site occupant representatives were not identified; therefore, Site occupants were not interviewed.

#### 6.4 Interviews with Local Government Officials

File review requests were sent to the following regulatory agencies: Regional Water Board; DTSC; SCCDEH; Santa Clara County Fire Department; and the City of Los Altos. Discussions of the relevant findings from the local government agencies have been included in Table 7-1.

#### 6.5 Interviews with Others

Other knowledgeable individuals regarding the Site uses and conditions were not identified; therefore, were not interviewed.

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#### 7.0 FINDINGS AND CONCLUSIONS

WEST has performed a *Phase I ESA* in conformance with the scope and limitations of ASTM E 1527 of the Site. Any exceptions to, or deletions from, this practice are described in Section 8.0 of this report. This assessment has revealed no evidence of RECs in connection with the Site; except for those listed in Table 7-1. A summary of the findings, opinions and conclusions is presented in Table 7-1.

In accordance with Section 12.5 of ASTM E 1527, a summary of the history, relevant information obtained during the Phase I ESA, potential chemicals present, the known or suspect recognized environmental condition, as well as controlled RECs, historical recognized environmental conditions and *de minimis* conditions have been identified and provided in Table 7-1.

In accordance with Section 12.6 of ASTM E 1527, the opinions including WEST's rationale for concluding that the known or suspect RECs identified in the findings section are or are not currently RECs are presented in Table 7-1.

In accordance with Section 12.7 of ASTM E 1527, WEST's data gap analysis is presented in Section 10.0 of this report.

In accordance with Section 12.8 of ASTM E 1527, the conclusions based on WEST's opinions and rationale regarding recognized environmental conditions are presented in Table 7-1.

As used in this *Phase I ESA*, the following definitions apply:

Pursuant to Section 3.2.18 of ASTM E 1527, a controlled REC is an REC resulting from a past release that has been addressed to the satisfaction of the applicable regulatory authority, e.g., issuance of no further action letter or equivalent, or meeting risk-based criteria, with hazardous substances or petroleum products allowed to remain in place



subject to implementation of required controls including property use restrictions, activity and use limitations or engineering controls.

- Pursuant to Section 3.2.22 of ASTM E 1527, *de minimis* conditions, i.e., conditions 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, are not considered RECs.
- Pursuant to Section 3.2.42 of ASTM E 1527, an historical REC is 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, i.e., property use restrictions. Prior to concluding that a past release is an historical REC, the environmental professional must determine whether the past release is a REC at the time of the *Phase I ESA*, e.g., if there has been a change in regulatory criteria. If the past release is determined to be an REC at the time of the *Phase I ESA*, then the condition shall be deemed an REC.



# 8.0 DEVIATIONS

There were no deviations from the ASTM Practice E 1527 standard while conducting this *Phase I ESA* except for the following:

- Historical aerial photographs were not reviewed in five-year increments; and
- Site tax files were not reasonably ascertainable.

# 9.0 ADDITIONAL INVESTIGATIONS

Consistent with 40 CFR 312 Section 312.31 and ASTM E 1527 Section 12.6.1, an evaluation was conducted to identify whether additional investigations are needed to obtain greater certainty with regard to Site conditions. Based on the findings, opinions and conclusions, additional investigations are not required to increase certainty at this time. Prior to any potential future excavation and off-site disposal, additional delineation and segregation of potentially contaminated soil or other soil management measures may be required for acceptance at disposal facilities.



# 10.0 DATA GAPS

Consistent with 40 CFR 312 Section 312.20(g) and ASTM E 1527 Section 12.7, a data gap analysis was performed. No significant data gaps associated with information for the *Phase I ESA* were identified.



# 11.0 ADDITIONAL SERVICES

No additional services were contracted or performed as part of this *Phase I ESA*.



#### 12.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

This report has been prepared under the direction of Peter M. Krasnoff, P.E., a registered Civil Engineer with over 25 years of environmental assessment and evaluation experience. Mr. Krasnoff received his Master of Science from the University of California at Berkeley in Environmental Engineering and his Bachelor of Civil Engineering from the Georgia Institute of Technology. Mr. Krasnoff has extensive experience in environmental investigations and remediation and has conducted reviews of over 100 sites involving hazardous materials and waste disposal activities. Mr. Krasnoff was supported by Mr. Peter Morris, P.G., a Professional Geologist.

Mr. Morris, a Professional Geologist with over 20 years of environmental assessment and investigating experience, also prepared this *Phase I ESA*. Mr. Morris received his Bachelors of Science degree from the University of California at Davis in Geology and his Masters of Science degree in Civil and Environmental Engineering from George Washington University. Mr. Morris has conducted and supervised numerous site investigations involving the evaluation of hazardous materials and wastes with emphasis on soil and groundwater characterization and remediation.



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- IRC Environmental Consulting, LLC, *Draft Phase I Environmental Site Assessment Executive Summary, 121 First Street, Los Altos, California*, May 16, 2016 (IRC, 2016b).
- Jo Crosby & Associates, Response to Memo dated 1/23/2007, from Los Altos Building Inspection Division on the Geotechnical Investigation for the Proposed Building at 129 First Street, Los Altos, California, February 12, 2007 (JCA, 2007).
- J.V. Lowney & Associates, Geotechnical Investigation for 110 First Street Retail/Office Building, Los Altos, California, February 12, 1991 (Lowney, 1991).
- West Environmental Services & Technology, Inc., *Phase I Environmental Site Assessment, 101-151 1st Street, Los Altos, California*, August 2017 (WEST, 2017).



# **14.0 DISTRIBUTION LIST**

Mr. Lee Bodner New Venture Fund 1201 Connecticut Ave NW Suite 300 Washington, DC 20036 PHASE I ENVIRONMENTAL SITE ASSESSMENT PLAZA PARKING LOT LOS ALTOS, CALIFORNIA



# **TABLES**

# TABLE 7-1 SUMMARY OF RECOGNIZED ENVIRONMENTAL CONDITIONS Plaza Parking Lot Los Altos, California

2-1)	FINDINGS (ASTM 1527-13; Section 12.5)										OPINIONS (ASTM 1527-13; \$12.6)	Section			USIONS (2.8)
Map ID (Figure 2  Tocation	History	Known or suspect environmental conditions		Ch SOCS	SVOCS Deficieles		PCBs	Regulatory Closure	Controlled REC		Rationale	Add'l Invest. Rec. (Sec. 12.6.1) (Y/N)	Yes	ondi	de minimis No No No
Di	The Plaza property is currently used an asphalt paved parking lot for the City of Los Altos (EDR, 2017). Between the 1920s and 1930s, the Plaza property was occupied by a single family residence, a grain and feed warehouse with a earthen floor and a separate rectangular building (EDR, 2017). In addition, a "40 gal chem cart" for firefighting was noted within the grain and feed warehouse (EDR, 2017). In the 1940s, the single family residence is no longer present Beginning in the 1960s, the Plaza property was developed as a parking lot and all remaining structures removed (EDR, 2017).	Potential presence of lead in soil from lead-based paint.	re			X					Based on the August 2017 soil data, the potential presence of lead in soil represents a <i>de minimis</i> condition, i.e., conditions that 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, and not a recognized environmental condition (REC).	N			X
1 Plaza Parking Lot Site	In August 2017, Phase II Environmental Site Assessment sampling was conducted at the site. Soil samples were collected from seven borings WP-1 to WP-7 and analyzed for metals (Appendix D). Laboratory analysis of the soil samples revealed: chromium up to 160 mg/kg; cobalt up to 28.7 mg/kg; copper up to 55.4 mg/kg; lead up to 19.6 mg/kg; nickel up to 99.3 mg/kg; vanadium up to 161 mg/kg; and zinc up to 95.9 mg/kg (Appendix E). Cobalt (up to 28.7 mg/kg) was detected above its California Regional Water Quality Control Board-San Francisco Bay Region (Regional Water Board) Environmental Screening Level (ESL) of 23 mg/kg; however, lead (up to 19.6 mg/kg) was not detected above its Regional Water Board EL of 80 mg/kg (Appendix D). Information regarding the source(s) of cobalt was not reasonably ascertainable.					X					Based on the anticipated use for commercial purposes, the presence of cobalt in soil should not pose an unacceptable threat to human health as concentrations are below commercial and construction worker protection ESLs; therefore, no mitigation measures are recommended. However, since a regulatory agency could require the adoption of activity use limitations (e.g., limiting to commercial use) it is identified as a REC.	N	X		

# TABLE 7-1 SUMMARY OF RECOGNIZED ENVIRONMENTAL CONDITIONS Plaza Parking Lot Los Altos, California

í		FINDINGS (ASTM 1527-13; Section 12.5)										OPINIONS (ASTM 1527-13; \$12.6)	Section	CONC (Se	LUS c. 12	
į	Location	History	Known or suspec environmental conditions				Pesticides slps	PCBs	Regulatory Closure	Controlled REC	Historical REC	Rationale	Add'l Invest. Rec. (Sec. 12.6.1) (Y/N)	Envir Co Yes	nditi	
	151 1st Street to the	The 151 1st Street property is currently developed with a single-story building with two units along 1st Street and paved surface parking at the rear of the building (EDR, 2017). Between the 1920s and 1950s, 151 1st Street was a vacant lot (EDR, 2017). In the 1960s, a small out building and a fenced yard were present at 151 1st Street property reportedly as an office building and stone display yard (CEC, 2012). In the 1970s, the current building was constructed at 151 1st Street (CEC, 2012). Between the 1970s and 2010s, Peggy's Health Center occupied the building as a retail health food store (front building) with the back building used for office space (CEC, 2012). Currently, the building is occupied by Area 151 as a gaming arcade (EDR, 2017).  In August 2017, Phase II ESA sampling conducted at 151 1st Street revealed lead in soil up to 99.1 mg/kg, above its Regional Water Board ESL of 80 mg/kg (WEST, 2017). However, soil samples collected in August 2017 from seven borings WP-1 to WP-7 advanced at the Site revealed lead in soil up to 19.6 mg/kg, which is below its Regional Water Board ESL of 80 mg/kg (Appendix D).	Potential presence	е			X					Based on the August 2017 soil data being below applicable screening levels, the potential for lead in soil from 151 1st Street to impact the Site represents a <i>de minimis</i> condition and not a REC.	N		2	X
	Railroad Right-of-	Southern Pacific Railroad (SPRR) maintained a Right-of-Way (ROW) to the west of the Site (EDR, 2017) up until the early 1960s. Features of SPRR ROW included: rail lines; electrical substation for the Peninsular Railway Company; wood piles; hay and coal storage sheds; freight depot building; and other buildings. In the late 1960s, the SPRR ROW was redeveloped with commercial operations and Foothill expressway was constructed along the railroad track ROW (EDR, 2017). In the late 1960s, Safeway constructed a single story grocery store at 160 1st Street (COLA, 2017). Between 2014 and 2015, the Safeway grocery store was expanded with at-grade parking and retail grocery sales on the second floor. Information regarding: type(s) of operations conducted by SPRR; hazardous materials used and stored; hazardous waste management practices; and soil, soil gas and groundwater conditions at 160 1st Street were not reasonably ascertainable. The depth to groundwater near the Site has been measured between approximately 100-feet and 130-feet below ground surface (Geotracker, 2017) with a flow direction to the northeast (TRC, 2009). The Site is hydraulically upgradient of 160 1st Street.  In August 2017, four soil gas samples WP-1, WP-4, WP-5 and WP-6 were collected from the Site (Appendix D). Laboratory analysis of the soil gas samples revealed volatile organic compounds (VOCs) including: benzene up to 13.4 micrograms per cubic meter (ug/m3); toluene up to 46.3 ug/m3; ethyl benzene up to 10.5 ug/m3; xylenes up to 65.8 ug/m3; 1,3,5-trimethylbenzene up to 87.4 ug/m3; 1,2,4-trimethylbenzene up to 128 ug/m3; tetrachloroethene (PCE) up to 9.56 ug/m3; and dichlorodifluoromethane up to 7.07 ug/m3, which are below their respective Regional Water Board ESLs (Appendix D).	petroleum products and hazardous substances from the former SPRR ROW operations to migrate to the Site		X	X	X X	X				Based on the August 2017 soil gas data being below applicable screening levels, the potential for releases from historical SPRR ROW operations represents a <i>de minimis</i> condition to the Site and not a REC.	N		2	X

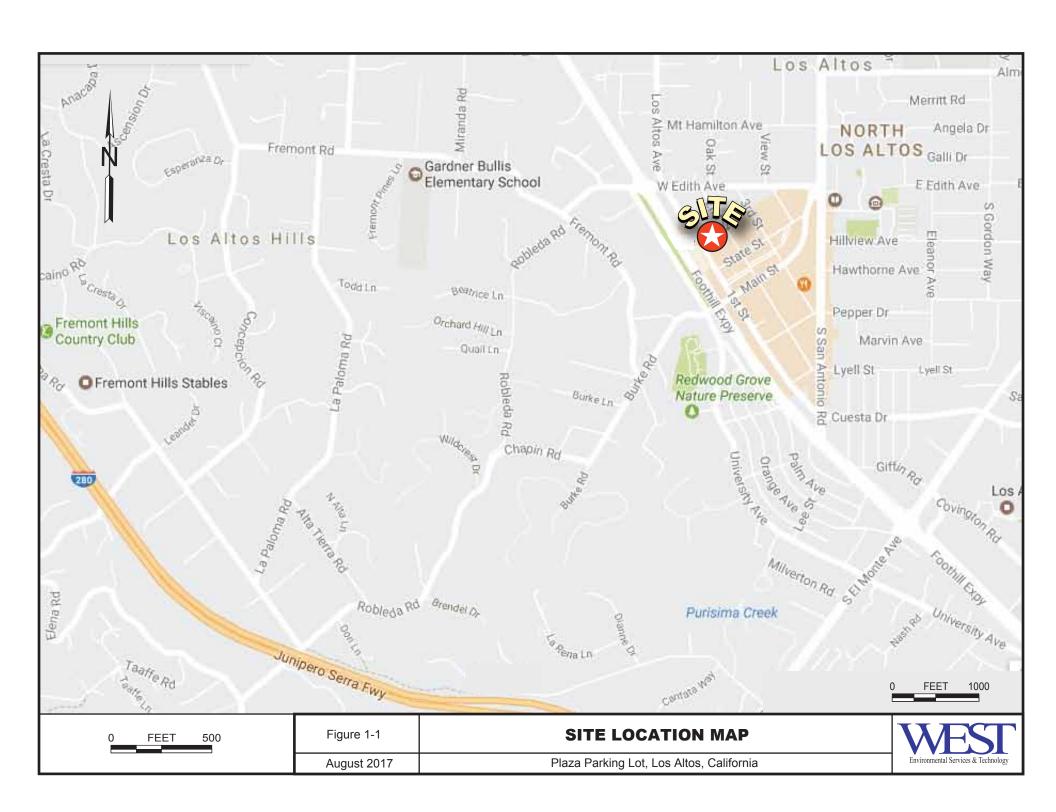
# TABLE 7-1 SUMMARY OF RECOGNIZED ENVIRONMENTAL CONDITIONS Plaza Parking Lot Los Altos, California

Ī	-1)	FINDINGS (ASTM 1527-13; Section 12.5)									OPINIONS (ASTM 1527-13; \$12.6)	Section	CLUS ec. 12	SIONS 2.8)
	Map ID (Figure 2-1)  Tocation	History	Known or suspect environmental conditions		Che	Pesticides	 PCBs	Regulatory Closure	Controlled REC	Historical REC	Rationale	Add'l Invest. Rec. (Sec. 12.6.1) (Y/N)	ondit	nental ion No No OX
	Sanitary Sewers-First Street and alley  Adjacent to and on the Site	Sanitary sewers are located within First Street adjacent to the southwest and within the alley to the northeast of the Site. The sanitary sewer within the alley extends southwest through the Site. Historical operations along First Street and State Street have included, gasoline service stations (95 First Street and 401 Main Street), dry cleaning operation (358 State Street, 361 State Street, 230 First Street) and carpet cleaning (199 1st Street and 390 State Street) Between the 1970s to 2010s (EDR, 2017). Between the 1980s and 2000s, a dry cleaner and coin-operated laundry operated at 230 First Street, approximately 400-feet south of the Site (COLA, 2017). In 2000, the dry cleaning operations converted to petroleum-based cleaning solvent (COLA, 2017). In 2014, the building was demolished and property redeveloped with a two-story commercial office building. Tetrachloroethene (PCE) might have been used as a dry cleaning solvent prior to the conversion to petroleum-based cleaning solvent in 2000. Information regarding sewer line flow direction and integrity were not reasonably ascertainable. The depth to groundwater near the Site has been measured between approximately 100-feet and 130-feet below ground surface (Geotracker, 2017) with a flow direction to the northeast (TRC, 2009).  In August 2017, four soil gas samples WP-1, WP-4, WP-5 and WP-6, were collected from the Site (Appendix D). Laboratory analysis of the soil gas samples revealed VOCs including: benzene up to 13.4 micrograms per cubic meter (ug/m3); toluene up to 46.3 ug/m3; ethyl benzene up to 10.5 ug/m3; xylenes up to 65.8 ug/m3; 1,3,5-trimethylbenzene up to 87.4 ug/m3; 1,2,4-trimethylbenzene up to 128 ug/m3; PCE up to 9.56 ug/m3; and dichlorodifluoromethane up to 7.07 ug/m3, which are below their respective Regional Water Board ESLs (Appendix D).	Potential vapor encroachment condition (VEC) from potential releases of wastewater from the sanitary sewer that contain hazardous substances and petroleum products from gasoline service stations and dry cleaning	X	X					X	Based on the August 2017 soil gas data being below applicable screening levels, it does not appear that a VEC is present pursuant to ASTM 2600. Therefore, potential for releases from the sanitary sewer to impact the Site represents a <i>de minimis</i> condition to the Site and not a REC.	N		X
	Cleaners, Carpet Cleaners-199 1st Street, 390 State Street, 358 State Street and 361  Adjacent to and less than 100-feet to the southeast	Dry Cleaners and carpet cleaner operations were located adjacent to the Site at 199 1st Street (Four Seasons Carpet Cleaners; 1998-2014), 390 State Street (Carpet Care; 2002-2006), Los Altos French Cleaners (358 State Street; 2001-2009) and State Street Cleaners (361 State Street; 1975-1985) (EDR, 2017). Information regarding, type(s) of chemicals used and stored; hazardous wastes generated; and soil and soil gas conditions were not reasonably ascertainable.  In August 2017, four soil gas samples WP-1, WP-4, WP-5 and WP-6, were collected from the Site (Appendix D). Laboratory analysis of the soil gas samples revealed VOCs including PCE up to 9.56 ug/m3, which is below its Regional Water Board ESL of 240 ug/m3 (Appendix D).	Potential for releases of hazardous substances from the former cleaning operations to migrate beneath the Site.		X						Based on the August 2017 soil gas data, the potential for releases from the former off-Site dry cleaning operations represents a <i>de minimis</i> condition to the Site and not a REC.	N		X

PHASE I ENVIRONMENTAL SITE ASSESSMENT PLAZA PARKING LOT LOS ALTOS, CALIFORNIA



# **FIGURES**







# **APPENDIX A**

# STANDARD ENVIRONMENTAL RECORD SOURCES

# GEOTECHNICAL INVESTIGATION FOR 110 FIRST STREET RETAIL/OFFICE BUILDING, LOS ALTOS, CALIFORNIA

# J. V. LOWNEY & ASSOCIATES

GEOTECHNICAL/GEOENVIRONMENTAL ENGINEERS

#### J. V. LOWNEY & ASSOCIATES

February 12, 1991 10-596-12, PA02080

JERRY IVY INVESTMENTS 84 West Santa Clara Street, Suite 700 San Jose, California 95113

Attention: Mr. Bob Schlak

RE: GEOTECHNICAL INVESTIGATION FOR 110 FIRST STREET RETAIL/ OFFICE BUILDING, LOS ALTOS, CALIFORNIA

#### Gentlemen:

In accordance with your request, we have performed a geotechnical investigation for the above referenced project. The accompanying report presents the results of our field investigation work, laboratory tests, and engineering analyses. The soil and foundation conditions are discussed, and recommendations for the geotechnical engineering aspects of the project are presented.

We refer you to the text of the report for our conclusions and recommendations. If you have any questions concerning our findings, please call.

Very truly yours,

J. V. LOWNEY & ASSOCIATES

Daren L. Thomas Civil Engineer 46877

Expiration Date 6/30/91

Glenn A. Romig

GAR:DLT:NFS:DAH

Copies: Addressee (2)

Carrasco & Associates (2)
Attn: Ms. Linda Ludden
Adamo & Associates (1)

Attn: Mr. Tom Adamo

## GEOTECHNICAL INVESTIGATION

For

110 FIRST STREET RETAIL/OFFICE BUILDING Los Altos, California

To

JERRY IVY INVESTMENTS 84 West Santa Clara Street, Suite 700 San Jose, California 95113

February, 1991

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FIGURE 1 - VICINITY MAP

FIGURE 2 - SITE PLAN

APPENDIX A - FIELD INVESTIGATION

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APPENDIX C - GUIDE SPECIFICATIONS - SITE EARTHWORK

#### GEOTECHNICAL INVESTIGATION

#### **FOR**

## 110 FIRST STREET RETAIL/OFFICE BUILDING, LOS ALTOS, CALIFORNIA

#### INTRODUCTION

In this report, we present the results of our geotechnical investigation for the 110 First Street Retail/Office Building to be located in Los Altos, California, as shown on the Vicinity Map, Figure 1. The purpose of this investigation was to evaluate the foundation materials and to provide recommendations concerning the subsurface and geotechnical engineering aspects of the development.

The project, as presently planned, will consist of demolition of the existing building located in downtown Los Altos at 110 First Street and the construction of a new retail/office complex. The new complex will consist of a three story structure with one level of underground parking, parking and retail shops on the ground level, and office space on the upper level. The office and retail space will total approximately 14,000 square feet; approximately 64 parking spaces will be provided.

#### **SCOPE**

The scope of work performed in this investigation included a site reconnaissance, subsurface exploration, laboratory testing, engineering analysis of the field and laboratory data, and the preparation of this report. The data obtained and the analyses performed were for the purpose of providing design

**Project Description** 

criteria for site earthwork, building foundations, slabon-grade floors, and rigid pavements. The scope of work was presented in detail in our agreement with you dated January 22, 1991.

The purposes of our investigation were to provide information on the subsurface soil conditions at the site and to provide geotechnical design recommendations for the proposed construction. In order to accomplish these tasks, we have performed the following services:

- Exploration of the subsurface soil conditions by drilling two borings and obtaining relatively undisturbed soil samples for visual observation and laboratory testing.
- Evaluation of the physical and engineering properties of the subsurface soils by observing the samples and performing various laboratory tests on representative samples.
- 3. Engineering analysis to evaluate site earthwork, building foundations, basement retaining walls, slabs-on-grade, and rigid pavements.
- 4. Preparation of this report as a summary of our findings and to present our conclusions and recommendations.

This report has been prepared for the use of Jerry Ivy Investments for application to the design of the proposed 110 First Street Retail/Office Building development in accordance with generally accepted geotechnical engineering practices. No warranty is expressed or implied.

The investigation was conducted under the direction and review of Glenn A. Romig, P.E., Principal Engineer. Supervision of the subsurface exploration, laboratory testing and the engineering analyses were performed by Daren L. Thomas, P.E., Project Engineer, and Nidal F. Samhouri, Staff Engineer.

#### SITE INVESTIGATION

Subsurface exploration and surface reconnaissance were performed on January 29, 1991 using a truck-mounted, 8-inch diameter hollow-stem auger to explore and sample the subsurface soils. Two exploratory borings were drilled to depths of 25 and 30 feet at the approximate locations shown on the Site Plan, Figure 2. Logs of the borings and details regarding our field investigation are included in Appendix A; the results of our laboratory tests are discussed in Appendix B.

At the time of our exploration program, the approximately half-acre site contained a one story office building and paved parking areas at the front of the building. The site was relatively flat with a total relief of approximately 3 to 4 feet. Pine and olive trees, as well as other vegetation (shrubs, weeds, and bushes) were present in the landscaped and planter areas.

Based on the findings of our subsurface exploration program, the soils at the site can be roughly grouped into four strata as described below.

Stratum Af: (Fill) Low Plasticity, Very Stiff Gravelly Clay/Medium Dense Clayey Gravel (CL/GC)
Light brown, low plasticity, very stiff, gravelly clay

**Exploration Program** 

Surface

Subsurface

and medium dense, fine to medium grained clayey gravel with fine to coarse grained sand (CL/GC). This stratum was encountered at the surface in boring EB-2 and extended to a depth of approximately 5 feet. A water content of 7 percent was measured. A standard penetration resistance blow count value of 27 blows per foot was recorded.

# Stratum A: Loose to Very Dense Clayey Gravel/Silty Gravel (GC/GM)

Light brown, loose to very dense, fine to coarse grained, subangular to subrounded low plasticity clayey gravel/silty gravel with fine to coarse grained sand (GC/GM) and low plasticity fines. This stratum was encountered at the surface in boring EB-1 and below Stratum Af in EB-2 and extended to depths ranging from 12 to 30 feet. Water contents ranging from 5 to 8 percent were measured. Standard penetration resistance blow count values ranging from 10 to 80 blows per foot were recorded.

# Stratum B: Medium Dense to Dense Clayey Gravel (GC)

Light brown, medium dense to dense, fine to coarse grained, angular to subangular clayey gravel with fine to coarse grained sand and low plasticity fines (GC). This stratum was encountered in boring EB-1 and extended to the maximum depth explored of 25 feet. Water contents ranging from 5 to 6 percent were measured. Standard penetration resistance blow count values ranging from 24 to 31 blows per foot were recorded.

Stratum B1: Medium Dense Clayey Gravel/Low Plasticity, Stiff to Very Stiff Clayey Gravel/Gravelly Clay and Silty Clay (GC/CL, CL)

Light to dark brown, fine grained, subrounded to subangular, medium dense, clayey gravel/low plasticity, stiff to very stiff gravelly clay with fine to coarse grained sand (GC/CL, CL). This stratum was encountered in boring EB-1 interbedded with Stratum B to depths extending to 14 and 24 feet. Water contents ranging from 13 to 16 percent were measured. A washed sieve analysis was performed on a sample from this stratum and indicated 46 percent fines by weight passing the No. 200 sieve. A measured Torvane shear strength value of 1.8 kips per square foot was recorded. A standard penetration resistance blow count value of 17 blows per foot was recorded. Atterberg limits determination performed on a sample from this stratum indicated a plasticity index of 17 percent and a liquid limit of 37 percent.

Free ground water was not encountered in the borings at the time of drilling. It should be noted, however, that fluctuations in the level of the ground water may occur due to variations in rainfall and other factors not in evidence at the time measurements were made.

A brief qualitative evaluation of certain geologic hazards was made during this investigation. Our comments concerning these hazards are presented below:

1. <u>Fault Rupture</u> - No known active faults are believed to exist within the site. Fault rupture

Ground Water

Geologic Hazards

is therefore not anticipated.

- 2. Ground Shaking Strong ground shaking can be expected at the site during moderate to severe earthquakes in the general region. This is typical of the San Francisco Bay Area.
- 3. <u>Liquefaction</u> - Soil liquefaction results from loss of strength during cyclic loading, such as imposed by earthquakes. Soils most susceptible to liquefaction are clean, loose, saturated, uniformly graded, fine-grained sands. The gravels and clays encountered in the borings were generally well graded, medium dense to very dense and contained significant fine grained soil. In addition, a high ground water table was not encountered in our borings. Therefore, in our opinion, and based upon engineering judgement, the potential for liquefaction of the sands and gravels encountered in our borings at the site during a seismic event is low.
- 4. <u>Differential Compaction</u> The near-surface soils at the site vary in composition both vertically and laterally. Major earthquake shaking could cause non-uniform compaction of the soil strata, resulting in movement of the near-surface soils. However, the soils at the site are generally dense sands and gravels and appear to be relatively uniform with depth respect to consistency. Therefore, in our opinion, and based upon engineering judgement, the probability of such ground movement at the site is low.

Lateral Spreading - Lateral spreading can occur 5. as a form of planar failure in both soil masses and rock masses. Generally, in soils, the soil mass strains along a weak plane and spreads towards an area of stress release (an open body of water, channel, or excavation) as blocks break free, gradually retrogressing from the area of stress release towards the head. Failure in this mode is generally analytically unpredictable, since it is difficult to predict where the first tension crack will occur. Maps by Youd and Hoose (1978) indicate no lateral spreading occurring near the site during the 1906 San Andreas earthquake and in the text, there is no reference to lateral spreading in the area. Therefore, for these reasons, and based upon engineering judgement, in our opinion, the probability of lateral spreading occurring at the site during a seismic event is low.

The San Francisco Bay Area is recognized by geologists and seismologists as one of the most active regions in the United States. The significant earthquakes which occur in the Bay Area are generally associated with crustal movement along well-defined, active fault zones which regionally trend in a northwesterly direction. The estimated distances from the site to nearby faults and estimated maximum magnitudes of earthquakes associated with those faults are presented in Table 2.

Seismicity

TABLE 1. Summary of Fault Distances and Magnitudes

<u>Fault</u>	Approximate Distance From Site (miles)	Estimated Maximum Credible Earthquake (Richter Magnitude)
Active:		
San Andreas	5.0	8.3
Hayward	13.5	7.3
Calaveras	18.0	7.3
Potentially Active:		
Calaveras	18.0	7.4
Inactive:		
Stanford	3.5	not estimated
Palo Alto	1.0	not estimated
San Jose	2.5	not estimated

Although research on earthquake prediction has greatly increased in recent years, seismologists cannot predict when or where an earthquake will occur. Nevertheless, on the basis of current technology, it is reasonable to assume that the proposed development will be subjected to at least one moderate to severe earthquake during the 50-year period following construction. During such an earthquake, the danger from fault offset on the site is slight, but strong shaking of the site is likely to occur.

#### **DESIGN RECOMMENDATIONS**

From a geotechnical engineering standpoint, in our opinion, the site is suitable for the proposed development provided the recommendations presented in this report are incorporated in the design and construction of the project.

Conclusions

Because subsurface conditions may vary considerably from those predicted by relatively small diameter borings, and in order to assure that our report recommendations have been properly implemented, we recommend that we be retained to: 1) review the final construction plans and specifications, and 2) observe the earthwork and foundation installation.

Plans, Specifications, and Construction Review

#### **EARTHWORK**

The site should be cleared of all surface and subsurface deleterious materials including any buried utility lines, foundations, pavements, debris, and designated trees, shrubs, and associated roots. Excavations extending below the planned finished site grades should be cleaned and backfilled with suitable material compacted to the requirements given under the "Compaction" section. We recommend that the backfilling be carried out under our observation.

Clearing and Site Preparation

After clearing, the site should be stripped to sufficient depth to remove all surface vegetation and organic laden topsoil. At the time of our field investigation, we estimated that a stripping depth of approximately 4 inches would be required in landscaped areas. The actual stripping depth required will depend on site usage prior to construction and, therefore, should be established in the field by us at the time of construction. The stripped materials should be removed from the site or may be stockpiled for use in landscaped areas, if desired.

After the site has been properly cleared, stripped, and the necessary excavations made, the exposed surface soils in those areas to receive structural fill.

Subgrade Preparation

slabs-on-grade, or pavements should be scarified to a depth of 6 inches, moisture conditioned to slightly above optimum moisture content, and compacted in accordance with the requirements for structural fill given below under "Compaction."

All on-site soils having an organic content of less than 3 percent by volume are suitable for use as fill at the site. In general, fill material should not contain rocks or lumps larger than 6 inches in greatest dimension, with no more than 15 percent larger than 2.5 inches. Imported fill material should be predominantly granular with a sand equivalent of 10 or more (ASTM D-2419, latest edition) and a plasticity index of 15 percent or less.

Compaction

Material for Fill

All structural fill as well as scarified surface soils in those areas to receive structural fill or slabs-on-grade, should be compacted to at least 90 percent relative compaction as determined by ASTM Test Designation D-1557, latest edition. Fills greater than 5 feet in thickness should be compacted to at least 95 percent relative compaction for the portions of fill below the upper 5 feet. The upper 6 inches of subgrade soil beneath pavements, however, should be compacted to a minimum of 95 percent relative compaction (ASTM D-1557, latest edition). The on-site soils should be compacted at a moisture content slightly above the laboratory optimum. Fill material should be spread and compacted in lifts not exceeding 8 inches in uncompacted thickness.

Pipeline trenches should be backfilled with compacted structural fill. If on-site soil is used, the material should be placed in lifts not exceeding 8

Trench Backfill

inches in uncompacted thickness and compacted to at least 85 percent relative compaction (ASTM D-1557, latest edition) by mechanical means only. Imported sand may also be used for backfilling trenches provided the sand is compacted to at least 90 percent relative compaction. In all pavement and building pad areas, the upper 3 feet of trench backfill should be compacted to at least 90 percent for native soils and to at least 95 percent where imported sand backfill is used. In addition, the upper 6 inches of all trench backfill in pavement areas should be compacted to at least 95 percent relative compaction.

The contractor should be responsible for all temporary slopes excavated at the site and the design of any required temporary shoring. Shoring and bracing should be provided by the contractor in accordance with the strictest governing safety standards.

All temporary slopes excavated in the natural clayey soils and less than 5 feet deep below the ground surface may be cut vertical. All other unshored slopes greater than 5 feet deep should be cut to inclinations of 1:1 (horizontal to vertical). Because of the variable nature of the existing soil, field modifications of temporary cut slopes may be required. Unstable materials encountered on the slopes during the excavation should be trimmed off even if this requires cutting the slope back at flatter inclinations.

Support of the walls of the basement excavation may be accomplished using soldier beams and wood lagging, or by the use of tiebacks. This choice **Temporary Slopes** 

Basement Excavation Support

should be left to the contractor's judgment since economic considerations and/or the individual contractor's construction experience may determine which method is more appropriate. Support of any adjacent existing buildings and/or streets without distress should also be the contractor's responsibility. We recommend that the contractor forward his plan for the above support systems to the structural engineer and geotechnical engineer for review prior to construction. In addition, it should be the contractor's responsibility to undertake a preconstruction survey with benchmarks and photographs of the adjacent property or properties.

Positive surface gradients of at least 2 percent should be provided adjacent to the structures to direct surface water run-off away from foundations and slabs toward suitable discharge facilities. Ponding of surface water should not be allowed on pavements or adjacent to the building.

All grading and earthwork should be performed under the observation of our representative to ensure the site is properly prepared, the selected fill materials are satisfactory, and that placement and compaction of the fills has been performed as required. Sufficient notification to us prior to earthwork is essential. All earthwork should be performed in accordance with the Guide Specifications - Site Earthwork presented in Appendix C. However, the guide specifications are general in nature and the actual project specifications should incorporate all requirements contained in the text of this report.

Surface Drainage

Construction Observation Variations in soil conditions are possible and may be encountered during construction. In order to permit correlation between the soil data obtained during our field and laboratory investigations and the actual subsurface conditions encountered during construction and to observe conformance with the plans and specifications, it is essential that we be retained to perform continuous or intermittent review during the earthwork, excavation and foundation construction phases.

#### **FOUNDATIONS**

We recommend that the proposed retail/office complex be supported on conventional continuous and/or individual spread footings bearing on natural, undisturbed soil or compacted fill. All footings should extend at least 18 inches below the lowest adjacent finished grade. The lowest adjacent finished grade should be considered the bottom of the building slabs for building interiors. For building exteriors, the top of the exterior finished landscaped grade should be considered as the lowest adjacent finished grade. All footings can be designed for allowable bearing pressures of 3,000 pounds per square foot for dead loads, 4,000 pounds per square foot for combined dead and live loads plus a one-third increase for all loads including wind or seismic.

These allowable bearing pressures are net values; the weight of the footing can be neglected for design purposes. Footings should have a minimum width of 18 inches. All footings located adjacent to utility trenches should have their bearing surfaces below an imaginary 1.5:1 (horizontal to vertical) plane projected upward from the bottom edge to the

**Footings** 

trench.

All continuous footings should be designed with adequate top and bottom reinforcement to provide structural continuity and to permit spanning of local irregularities. It is essential that we observe the footing excavations prior to placement of reinforcing steel.

Post-construction differential settlement under the proposed static loading conditions is expected to be less than 1/2 inch between adjacent columns over the 30-year period following construction.

The proposed slab-on-grade floors, where wheel loads are not anticipated, may be supported directly on prepared natural soil or on compacted structural fill. Prior to construction of the slab, the subgrade surface should be proof-rolled to provide a smooth, firm surface for slab support. Recommendations for rigid pavements are included in the following sections.

If it is desired to minimize floor wetness, at your option, 4 inches of free draining gravel such as 1/2 inch crushed rock with no more than 5 percent passing the ASTM No. 200 sieve or CalTrans Class 2 permeable material should be placed beneath the floor slab to serve as a capillary barrier between the subgrade soil and the slab. Pea gravel should not be used in areas where wheel loads are expected. To minimize vapor transmission, a vapor barrier should be placed over the gravel. We suggest a thicker, 30 mil vapor barrier where wheel loads are expected. The vapor barrier should be covered with a 2-inch sand buffer for protection during construction. The

Slabs-On-Grade

sand should be lightly moistened just prior to placing the concrete.

Rigid pavements of Portland Concrete Cement were evaluated using the Portland Cement Associations "Thickness Design for Concrete Highway and Street Pavements" (1984) and may be used at the site provided the following recommendations are included in design. In the analyses, we assumed a modulus of rupture of the concrete of 600 pounds per square inch and a modulus of subgrade reaction of 150 pounds per cubic inch. Based on anticipated light axle loads from automobile and pick-up trucks anticipated for the pavements, 4 inches of concrete underlain by 4 inches of compacted Class II aggregate baserock may be used. As a minimum, reinforcing should be provided by using a welded wire mesh. Aggregate interlock joints should be used between pavement sections. No concrete shoulders are necessary. Concrete should have a 28day unconfined compressive strength of at least 3,000 pounds per square inch. These rigid pavements should have a design life of at least 20 years under the anticipated loading with a normal amount of maintenance.

The proposed basement walls should be designed to resist lateral earth pressure from adjoining natural materials and/or backfill as well as from any surcharge loads. We recommend that walls restrained from movement at the top be designed to resist an equivalent fluid pressure of 35 pounds per cubic foot plus a uniform pressure of 8H pounds per square foot, where H is the distance in feet between the top of the footing and the top of the wall. Such walls should also be designed to resist an additional

Rigid Pavements

**Basement Walls** 

uniform pressure equivalent to one-half of any surcharge loads applied at the surface. Any unrestrained retaining walls should be designed to resist an equivalent fluid pressure of 35 pounds per cubic foot plus one-third of any surcharge loads. These pressures assume sufficient drainage behind the walls to prevent any build-up of hydrostatic pressures from surface water infiltration and/or a rise in the ground water level.

As an alternative to providing adequate subsurface drainage, the walls can be waterproofed and designed for higher lateral earth pressures. If no drainage is used, walls restrained from movement at the top should be designed to resist an equivalent fluid pressure of 80 pounds per cubic foot plus a uniform pressure of 8H pounds per square foot and on-half of any surcharge loads. Unrestrained, retaining walls should be designed to resist an equivalent fluid pressure of 80 pounds per cubic foot plus one-third of any surcharge loads.

Adequate drainage may be provided by a subdrain system positioned behind the walls. This system should consist of a 4-inch minimum diameter perforated pipe placed near the base of the wall (perforations placed downward) and below the adjacent slab elevation. The pipe should be embedded in 12 inches of Class 2 Permeable Material (California Department of Transportation Standard Specifications, latest revision); the remaining backfill behind the wall should consist of 1/2-inch crushed rock or 3/8-inch pea gravel extending at least 2 feet out from the wall and within 2 feet of the level of the outside finish grade. The upper 2 feet should consist of compacted on-site soil. The subdrain outlet

should be connected to a free-draining outlet or sump.

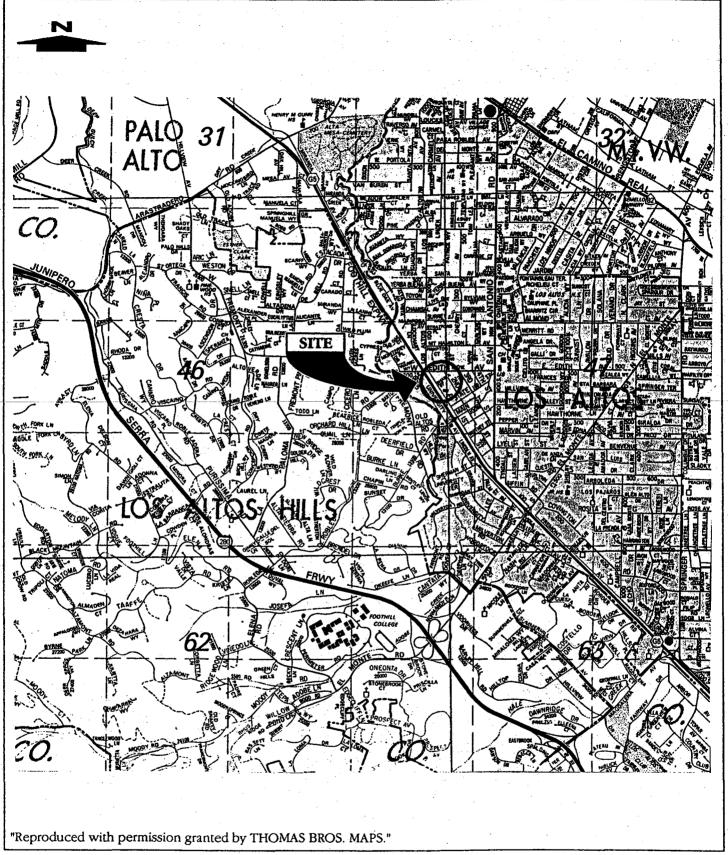
Miradrain, Geotech Drainage Panels, or Enkadrain drainage matting may be used for wall drainage as an alternative to the drain rock and tied into a drain pipe for collection and ultimate disposal. These alternatives provide for drainage of subsurface water; however, damp-proofing of the walls should also be included in areas where wall moisture would be undesirable.

Backfill placed behind the walls should be compacted to at least 90 percent relative compaction using light compaction equipment. If heavy compaction equipment is used, the walls should be temporarily braced.

Basement walls should be supported on spread footing foundations designed in accordance with the recommendations presented previously under the "Footings" section of this report. Lateral load resistance for the walls can be developed in accordance with the recommendations presented below under the "Lateral Loads" section.

Lateral loads may be resisted by friction between the footings and the supporting subgrade. A frictional resistance of 0.30 can be used. In addition to the above, lateral resistance may be provided by passive pressures acting against foundations poured neat in the footing excavations. We recommend that an allowable passive pressure based on an equivalent fluid pressure of 350 pounds per cubic foot be used in design.

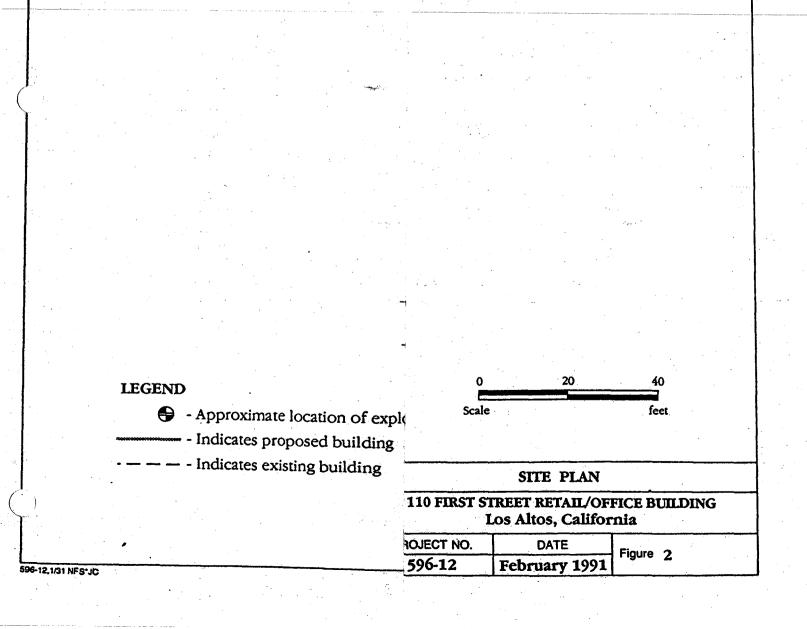
Lateral Loads



596-12,1/30 NFS\*JC

#### VICINITY MAP

110 FIRST STREET RETAIL/OFFICE BUILDING Los Altos, California



The field investigation consisted of a surface reconnaissance and a subsurface exploration program using a truck-mounted, hollow stem auger. Two 8-inch diameter exploratory borings were drilled on January 29, 1991, to a maximum depth of 30 feet. The approximate locations of the exploratory borings are shown on the Site Plan, Figure 2. The soils encountered were continuously logged in the field by our representative and described in accordance with the United Soil Classification System (ASTM D-2487). The logs of the borings, as well as a key to the classification of the soil, are included as part of this appendix.

The locations of borings were approximately determined by using a tape measure and the site plan furnished to us. The location of the borings should be considered accurate only to the degree implied by the method used.

Representative soil samples were obtained from the borings at selected depths. All samples were returned to our laboratory for evaluation and appropriate testing. The standard penetration resistance blow counts were obtained by dropping a 140-pound hammer through a 30-inch free fall. The 2-inch O.D. split spoon sampler was driven 18 inches and the number of blows was recorded for each 6 inches of penetration. Unless otherwise indicated, the blows per foot recorded on the boring log represent the accumulated number of blows required to drive the last 12 inches.

Field tests included an evaluation of the undrained shear strength of soil samples using a Torvane device, and/or the unconfined compressive strength of the soil samples using a pocket penetrometer device. The results of these tests are presented on the individual boring logs at the appropriate sample depths.

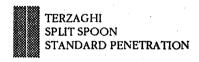
The attached boring logs and related information depict subsurface conditions only at the locations indicated and at the particular date designated on the logs. Subsurface conditions at other locations may differ from conditions occurring at these boring locations. The passage of time may result in altered subsurface conditions due to environmental changes. In addition, any stratification lines on the logs represent the approximate boundary between soil types and the transition may be gradual.

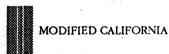
P	RIMARY DIVISIO	NS	SOIL TYPE	LEGEND	SECONDARY DIVISIONS
		CLEAN GRAVELS	GW	* * * *	Well graded gravels, gravel-sand mixtures, little or no fines.
SOILS rerial	MORE THAN HALF	GRAVELS (LESS THAN ORE THAN HALF 5% FINES)			Poorly graded gravels or gravel-sand mixtures, little or no fines.
	OF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE	GRAVEL	GM	111111	Silty gravels, gravel-sand-silt mixtures, non-plastic fines.
GRAINED HALFOFMA ER THAN NO SIEVE SIZE		WITH FINES			Clayey gravels, gravel-sand-clay mixtures, plastic fines.
		CLEAN SANDS	- sw		Well graded sands, gravelly sands, little or no fines.
COARSE MORETHA IS LARC	SANDS MORE THAN HALF	(LESS THAN 5% FINES)	SP		Poorly graded sands or gravelly sands, little or no fines.
OO W	OF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE	SANDS	SM		Silty sands, sand-silt mixtures, non-plastic fines.
	1,00,10,00	WITH FINES	SC		Clayey sands, sand-clay mixtures, plastic fines.
တူ			ML		Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
IED SOILS HALFOF SMALLER SIEVE SIZE	SILTS AND (		CIL		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
ED TALE					Organic silts and organic silty clays of low plasticity.
GRAINED RETHAN HALI TERIAL IS SMA NO. 200 SIEV					Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.
MACKAIN CRAIL STATE OF CRAIL STATE O		I CH			Inorganic clays of high plasticity, fat clays.
臣					Organic clays of medium to high plasticity, organic silts.
HIC	GHLY ORGANIC SO	DILS	Pt		Peat and other highly organic soils.

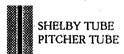
# **DEFINITION OF TERMS**

	U.S. STAN	U.S. STANDARD SERIES SIEVE				AR SQUARE S	SIEVE OPENI	NGS
	200	40	) 1	.0 . 4	3	/4"	3" 1	2"
SILTS AND CLAY			SAND		GRA	VEL	COBBLES	BOULDERS
SILIS AND CLAY	FIN	E	MEDIUM	COARSE	FINE	COARSE	CODDLES	DOOLDERS

# **GRAIN SIZES**







# **SAMPLERS**

SAND AND GRAVEL	BLOWS/FOOT*
VERY LOOSE	0 - 4
LOOSE	4 - 10
MEDIUM DENSE	10 - 30
DENSE	30 - 50
VERY DENSE	OVER 50

STRENGTH <sup>‡</sup>	BLOWS/FOOT*
0 - 1/4	0 - 2
1/4 - 1/2	2 - 4
1/2 - 1	4 - 8
1 - 2	8 - 16
2 - 4	16 - 32
OVER 4	OVER 32
	0 - 1/4 1/4 - 1/2 1/2 - 1 1 - 2 2 - 4

# **RELATIVE DENSITY**

# **CONSISTENCY**

- Number of blows of 140 pound hammer falling 30 inches to drive a 2 inch O.D. (1-3/8 inch I.D.) split spoon (ASTM D-1586).
- Unconfined compressive strength in tons/sq. ft. as determined by laboratory testing or approximated by the standard penetration test (ASTM D-1586), pocket penetrometer, torvane, or visual observation.

# KEY TO EXPLORATORY BORING LOGS Unified Soil Classification System (ASTM D - 2487)

110 FIRST STREET RETAIL/OFFICE BUILDING Los Altos, California DRILL RIG: CME - 55

SURFACE ELEVATION: -

LOGGED BY: NFS

DEPTH TO GROUNDWATER: NOT encountered

BORING DIAMETER: 8 inch hollow stem

DATE DRILLED: 1/29/91

DESCRIPTION AND REMARKS	SYMBOL	LEGEND	CONSISTENCY	SOIL TYPE	DEPTH (FEET)	SAMPLER	WATER CONTENT (%)	PENETRATION RESISTANCE (BLOWS/PT.)	STRENGTH BY TORVANE (KSF)	UNCONFINED COMPRESSIVE STRENGTH
Asphaltic concrete = 2.5 inches Aggregate baserock = 3.0 inches		4/	Loose to						1	
Light brown clayey gravel/silty gravel with sand, fine to coarse subangular gravel, low plasticity fines, fine to coarse grained sand.	A		medium dense	GM	_		•			
					- 5		8	10		
					, -					
			Medium dense		-					
6 percent passing the No. 200 sieve.					- 10 —	O	5	17		
			Dense Medium dense		-	1	6	45		<b></b>
Light brown clayey gravel/gravelly clay with sand, fine subrounded to subangular gravel, low plasticity fines, fine to coarse grained sand, trace rootlets.	B <sub>1</sub>		Medium dense Very stiff	GC/ CL	_		13	17		8
Plasticity Index = 17 percent Liquid Limit = 37 percent 46 percent passing the No. 200 sieve.			Dense	GC	- 15 –					
Light brown clayey gravel with sand, fine to coarse subangular to angular gravel, low plasticity fines, fine to medium grained sand.	В				1					
			·		1		5	31		
					20 —	<b>9225 3800</b>			, .	
Dark brown silty clay with sand, low plasticity fines, fine to medium grained sand.	B <sub>1</sub>		Stiff	CL	-		-			
light brown clayey sandy gravel, fine to coarse subangular gravel, low plasticity fines, fine to coarse grained sand.	В		Medium dense	GC	- 25 —		16 6	24	1.8	3. ·
Bottom of Boring = 25.0 feet.					<u> </u>				ŕ	
NOTE: The stratification lines represent he approximate boundary between the coil types. The transition may be gradual.			.*		-					
Pocket Penetrometer Strength					_					

**EXPLORATORY BORING LOG - EB-1** 

110 FIRST STREET RETAIL/OFFICE BUILDING Los Altos, California

J.V. LOWNEY & ASSOCIATES

DRILL RIG: CME - 55

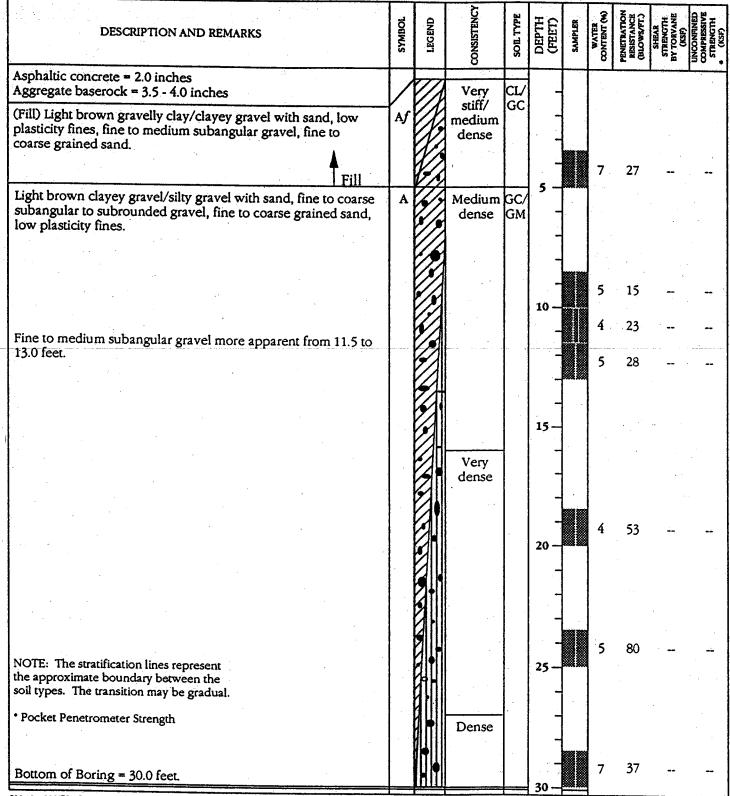
SURFACE ELEVATION: --

LOGGED BY: NFS

DEPTH TO GROUNDWATER: INC. encountered

BORING DIAMETER: 8 inch hollow stem

DATE DRILLED: 1/29/91



596-12,1/30 NFS\*JC

**EXPLORATORY BORING LOG - EB-2** 

110 FIRST STREET RETAIL/OFFICE BUILDING Los Altos, California

J.V. LOWNEY & ASSOCIATES

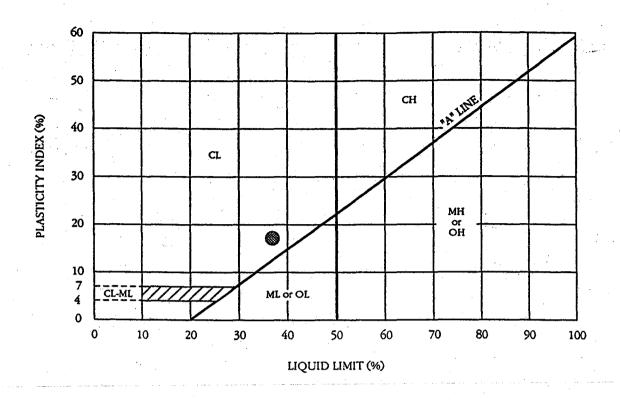
#### APPENDIX B - LABORATORY INVESTIGATION

The laboratory testing program was directed toward a quantitative and qualitative evaluation of the physical and mechanical properties of the soils underlying the site.

The natural water content was determined on all samples of the materials recovered from the borings. These water contents are recorded on the boring logs at the appropriate sample depths.

One Atterberg Limit determination was performed on a sample of the subsurface soils to measure the range of water contents over which this material exhibits plasticity. The Atterberg Limit was used to classify the soil in accordance with the Unified Soil Classification System and to evaluate the soil's expansion potential. Results of this test are presented on Figure B-1 and on the log of the boring at the appropriate sample depth.

The percent soil fraction passing the No. 200 sieve was determined on two samples of the subsurface soils to aid in the classification of these soils. Results of these tests are shown on the boring logs at the appropriate sample depths.



KEY SYMBOL	BORING NO.	SAMPLE DEPTH (feet)	NATURAL WATER CONTENT (%)	LIQUID LIMIT (%)	PLASTICITY INDEX (%)	PASSING NO. 200 SIEVE (%)	LIQUIDITY INDEX	UNIFIED SOIL CLASSIFICATION SYMBOL
	EB-1	12.0 - 13.0	13	37	17	46	- 0.4	CL

# PLASTICITY CHART AND DATA

110 FIRST STREET RETAIL/OFFICE BUILDING Los Altos, California

# J.V. LOWNEY & ASSOCIATES ENVIRONMENTAL & GEOTECHNICAL CONSULTANTS

# APPENDIX C GUIDE SPECIFICATIONS - SITE EARTHWORK FOR 110 FIRST STREET RETAIL/OFFICE BUILDING, LOS ALTOS, CALIFORNIA

#### **GENERAL**

These specifications and applicable plans pertain to all site earthwork including, but not limited to, the furnishing of all labor, tools, and equipment necessary for site clearing and stripping, disposal of excess materials, excavation, preparation of foundation materials for receiving fill, and placement and compaction of fill to the lines and grades shown on the project grading plans.

Scope of Work

The Contractor warrants all work to be performed and all materials to be furnished under this contract against defects in materials or workmanship for a period of \_\_\_\_\_ year(s) from the date of written acceptance of the entire construction work by the Owner or his representative.

**Performance** 

Upon written notice of any defect in materials or workmanship during said \_\_\_\_\_-year period, the Contractor shall, at the option of the Owner, repair or replace said defect and any damage to other work caused by or resulting from such defect without cost to the Owner. This shall not limit any rights of the Owner under the "acceptance and inspection" clause of this contract.

The Contractor shall be responsible for the satisfactory completion of all site earthwork in

accordance with the project plans and specifications. This work shall be observed and tested by a representative of J. V. Lowney & Associates, hereinafter known as the Geotechnical Engineer. Both the Geotechnical Engineer and the Architect/Engineer are the Owner's representatives. If the Contractor should fail to meet the technical or design requirements embodied in this document and on the applicable plans, he shall make the necessary adjustments until all work is deemed satisfactory as determined by the Geotechnical Engineer and the Architect/Engineer. No deviation from the specifications shall be made except upon written approval of the Geotechnical Engineer or Architect/Engineer.

No site earthwork shall be performed without the presence or review of the Geotechnical Engineer. The contractor shall notify the Geotechnical Engineer at least twenty-four hours prior to commencement of any aspect of the site earthwork.

The Geotechnical Engineer shall be the Owner's representative to observe the grading operations during the site preparation work and placement and compaction of fills. He shall make visits to the site to familiarize himself generally with the progress and quality of the work. He shall make tests and/or observations to enable him to form an opinion regarding the adequacy of the site preparation, the acceptability of the fill material, and the extent to which the compaction of the fill, as placed, meets the specification requirements. Any fill that does not meet the specification requirements shall be removed and/or recompacted until the requirements

are satisfied.

In accordance with generally accepted construction practices, the Contractor shall be solely and completely responsible for working conditions at the job site, including safety of all persons and property during performance of the work. This requirement shall apply continuously and shall not be limited to normal working hours.

Any construction review of the Contractor's performance conducted by the Geotechnical Engineer is not intended to include review of the adequacy of the Contractor's safety measures in, on, or near the construction site.

Upon completion of the construction work, the Contractor shall certify that all compacted fills and foundations are in place at the correct locations, have the correct dimensions, and have been constructed in accordance with sound construction practice. In addition, he shall certify that the materials used are of the types, quantity, and quality required by the plans and specifications.

The Contractor is presumed to have visited the site and to have familiarized himself with existing site conditions and the report entitled "Geotechnical Investigation for 110 First Street Retail/Office Building, Los Altos, California." This report has been prepared for the use of Jerry Ivy Investments for specific application to the design of 110 First Street Retail/Office Building in accordance with generally accepted geotechnical engineering practices. The Contractor shall not be relieved of liability under the contract for any loss sustained as a

Site and Foundation Conditions result of any variance between conditions indicated by or deduced from the soil report and the actual conditions encountered during the course of the work.

The Contractor shall, upon becoming aware of surface and/or subsurface conditions differing from those of the original soils investigation, notify the Owner within 24 hours of such discovery as to the nature and extent of the differing conditions, first verbally to permit verification of the conditions, and then in writing. No claim by the Contractor for any conditions differing from those anticipated in the plans and specifications and disclosed by the soil investigation will be considered unless the Contractor has not notified the Owner, verbally and in writing, as required above, of such changed conditions.

The Contractor shall assume responsibility for the alleviation or prevention of dust nuisance on or about the site and/or off-site borrow areas. The Contractor shall assume all liability, including court costs of codefendants, for all claims related to dust or windblown materials attributable to his work.

#### **DEFINITION OF TERMS**

at the site in order to raise grades or to backfill excavations, and upon which the Geotechnical Engineer has made sufficient tests and/or observations to enable him to issue a written statement that, in his opinion, the fill has been placed and compacted in accordance with the specifications requirements.

**Dust Control** 

ON-SITE MATERIAL - Material obtained from the required site excavations.

IMPORT MATERIAL - Material obtained from off-site borrow areas.

ASTM SPECIFICATIONS - The latest edition of the American Society for Testing and Materials Standards.

RELATIVE COMPACTION - The ratio, expressed as a percentage, of the in-place dry density of the compacted fill material to the maximum dry density of the same material as determined by ASTM Test Designation D-1557-70.

#### SITE PREPARATION

The Contractor shall accept the site in its present condition and shall remove from the area of the designated project earthwork all deleterious materials including any buried utility lines, old building foundations, asphalt paving, concrete slabs, debris, and any other matter determined by the Geotechnical Engineer to be deleterious. Such materials shall become the property of the Contractor and shall be removed from the site. Holes resulting from the removal of deleterious material shall be cleared and backfilled with structural fill.

The site shall be stripped to a minimum depth of 4 inches or to such greater depth as the Geotechnical Engineer in the field may consider as advisable to remove all surface vegetation and organic laden topsoil. Stripped topsoil with an organic content in

Clearing, Grubbing, and Stripping excess of 3 percent by volume shall be stockpiled for possible use in landscaped areas.

#### **EXCAVATION**

All excavation shall be performed on the lines and grades and within the tolerance specified on the project grading plans. All over-excavation below the grades specified shall be backfilled at the Contractor's expense and shall be compacted in accordance with the specifications. The Contractor shall assume full responsibility for the stability of all temporary construction slopes at the site.

If blasting is required, the Contractor shall obtain any required blasting permits, and shall conform to the applicable requirements of local, state, and federal laws and regulations governing such operations.

#### SUBGRADE PREPARATION

Surfaces to receive compacted fill, and those on which concrete slabs and pavements will be constructed, shall be scarified to a minimum depth of 6 inches and compacted. All ruts, hummocks, or other uneven surface features shall be removed by surface grading prior to placement of any fill materials. All areas which are to receive fill material shall be accepted by the Geotechnical Engineer prior to the placement of any fill materials.

#### GENERAL REQUIREMENTS FOR FILL MATERIAL

All fill material must be acceptable to the Geotechnical Engineer. The material shall be a soil or soil-rock mixture which is relatively free from organic matter or other deleterious substances. The fill material shall not contain rocks or rock fragments over 6 inches in greatest dimension and not more than 15 percent shall be over 2.5 inches in greatest dimension. Some larger rocks may be incorporated into the lower portions of the fill if the rocks are widely spaced and if the spacing method is acceptable to the Geotechnical Engineer. On-site material having an organic content of less than 3 percent by volume is suitable for use as fill in all areas except where non-expansive import material is specified.

All imported fill material shall be non-expansive with a sand equivalent of 10 or more.

#### PLACING AND COMPACTING FILL MATERIAL

All structural fill shall be compacted by mechanical means to produce a minimum degree of compaction of 90 percent as determined by ASTM Test
Designation D-1557-70. Fills greater than 5 feet in thickness shall be compacted to at least 95 percent relative compaction. Field density tests shall be performed in accordance with either ASTM Test
Designation D-1556-64 (Sand Cone Method) or ASTM
Test Designation D-2922-71 and D-3017-72 (Nuclear Probe Method). The locations and number of field density tests shall be determined by the
Geotechnical Engineer. The results of these tests and compliance with these specifications shall be the basis upon which satisfactory completion of work shall be judged by the Geotechnical Engineer.

Fill material shall be placed in uniform lifts not exceeding 8 inches in uncompacted thickness.

Before compaction begins, the fill shall be brought to a water content that will permit proper compact by either: (1) aerating the fill if it is too wet, or (2) moistening the fill with water if it is too dry. Each lift shall be thoroughly mixed before compaction to provide a uniform distribution of moisture.

#### TRENCH BACKFILL

Pipeline trenches shall be backfilled with compacted structural fill placed in lifts not exceeding 8 inches in uncompacted thickness. Sufficient water shall be added during the trench backfilling operations to prevent the soil from bulking during compaction. If on-site soil is used, the material shall be compacted by mechanical means to a minimum degree of compaction of 85 percent. Imported sand may also be used for backfilling trenches provided it is compacted to at least 90 percent. In all building pad and pavement areas, the upper 3 feet of trench backfill shall be compacted to a minimum degree of compaction of 90 percent for on-site soils and 95 percent where imported sand backfill is used. The upper 6 inches of all trench backfill in pavement areas shall be compacted to at least 95 percent relative compaction.

#### PAVEMENT SUBGRADE AND BASE COURSES

The upper 6 inches of pavement subgrade and all aggregate base and aggregate subbase shall be compacted to at least 95 percent relative compaction. Asphaltic concrete, aggregate base, aggregate subbase, and preparation of the subgrade shall conform to and be placed in accordance with the California Department of Transportation,

Standard Specifications, latest edition, except that the test method for compaction shall be determined by ASTM D-1557, latest edition.

#### TREATMENT AFTER COMPLETION OF EARTHWORK

After the earthwork observations have been completed and the Geotechnical Engineer has finished his observation of the work, no further earthwork operations shall be performed except with the review of and under the observation of the Geotechnical Engineer.

It shall be the responsibility of the Contractor to prevent erosion of freshly graded areas during construction and until such time as permanent drainage and erosion control measures have been installed.



# PHASE I ENVIRONMENTAL SITE ASSESSMENT 102, 106, 108, 110 First (1<sup>st</sup>) Street Los Altos, California *March 4, 2010*

**E2C Project Number 2985** 

**Prepared For** 

110 1st Street, LLC 530 Oak Grove Avenue, Suite 201 Menlo Park, CA 94025

**Prepared By** 

E2C, Inc. 3016 Scott Boulevard Santa Clara, California 95054 (408) 327 - 5700



March 4, 2010 E2C Project Number 2985 **Via US Mail** 

110 1st Street, LLC 530 Oak Grove Avenue, Suite 201 Menlo Park, CA 94025

Attn: Michael Tevis

Subject: PHASE I ENVIRONMENTAL SITE ASSESSMENT

102, 106, 108, 110 First (1<sup>st</sup>) Street

Los Altos, California

Dear Mr. Tevis,

E2C Inc is pleased to present the accompanying final report of the Phase I Environmental Site Assessment prepared for the subject Site.

E2C Inc appreciates the opportunity to have been of service. Should you have any questions or require additional information or services please call us at (408) 327-5700.

Sincerely, **E2C**, **Inc**.

Benjamin Berman Project Manager

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# 1.0 EXECUTIVE SUMMARY, CONCLUSIONS, RECOMMENDATIONS

E2C, Inc. (E2C) has completed a Phase I Environmental Site Assessment (ESA) of the property located at address 102, 106, 108, 110 First Street, Los Altos, California (referred to hereinafter as the Site, subject Site, or subject property). This Site assessment was prepared for 110 1st Street, LLC in March 2010.

This assessment included the visual survey of the Site, exterior inspection of immediately adjacent properties, review of historical documentation, review of local agency files specific to the Site, and a review of regulatory databases that identify nearby sites of potential environmental concern. The purpose of this assessment was to evaluate the Site for real and potential environmental impairments, or risks of impairments, that may represent existing or potential financial and legal liabilities to 110 1st Street, LLC and / or their agents.

# Findings, Opinions

Based on our review of available records, site inspection, and / or interviews, the subject Site appears to have no history of significant hazardous materials storage, use or releases, and no significant off-site concern was found. Therefore, no additional investigation is recommended at this time. See below for details.

# **Subject Property, Current Conditions**

The Site is identified as Santa Clara County Assessor's Parcel Number 167-39-134, and is associated with 102, 106, 108, 110 First (1<sup>st</sup>) Street in the City of Los Altos, California. The property consists of a +/- 0.5 acre parcel of land developed with one square-shaped, 2-story, +/- 14,250 square foot, multi-unit commercial office building with an underground parking garage below the building, and a concrete paved parking lot covered by the second story over the back +/- 2/3 of the building footprint (the ground level of the building, adjacent to 1<sup>st</sup> Street, has approximately 1/3 the square footage compared to the second level). At the time of the Site inspection the subject property and building were vacant / unoccupied.

#### Subject Property, Historical Uses

Review of available information indicated that the subject Site was part of the Southern Pacific Railroad Right Of Way (RR ROW) by 1926 or earlier. Sanborn maps from 1926 and 1932 indicated that the Southern Pacific main line tracks ran parallel to Foothill Expressway at an estimated distance of approximately 40 feet southwest of the subject property's southwest property boundary (in what is now Foothill Expressway). Two relatively small wood frame structures are shown on the subject property in an area near the northeast-east corner of the property (adjacent to 1st St. and the Safeway parking lot). The larger of the structures is labeled "D" ("dwelling" or "frame building"). Offsite, a small wood frame structure labeled "Tool HO" is shown immediately adjacent to the subject property's southwest property boundary (Foothill Expressway); and three or four other small structures are shown approximately 35 to 70 feet southeast of the subject property's southeast property boundary, and a structure labeled "PENINSULAR RAILWAY CO. (ELEC), SUB STATION NO. 2" is shown approximately 130 feet southeast of the subject property's southeast property boundary (Safeway parking lot).

By circa 1964-1971, the old structures on the subject property were demolished or remodeled / expanded and an office building was constructed. Circa 1992 the current owner (Mr. Ivy) purchased the subject property, demolished the smaller office building, and built the current larger office building. Occupants from approximately 1981 to 2009 have included Quantic Graphic Center, Cornish & Carey Real Estate, The Ivy Company, Auto Chlor (company owned by Mr. Ivy), Coldwell Banker Real Estate, and North American Title Company. By circa 1920s adjacent properties were part of the RR ROW, undeveloped, or developed for residential or commercial use; by circa 1950s adjacent properties were developed for commercial or institutional / public uses.

#### **Potential Off-site Concerns**

Several offsite Leaking Underground Storage Tank (LUST) or other release sites were listed in the radius report in the surrounding area. However, E2C concludes that based on the media affected (e.g. soil only), the substance released (e.g. petroleum hydrocarbons), distances from the subject Site, the age of the releases, the regulatory / cleanup status, and / or the inferred down / cross gradient orientation (with regards to groundwater flow) relative to the subject Site, the likelihood that the subject Site is impacted at levels of regulatory concern by these listed sites is low.

# **Non-Scope Considerations**

• There may be a potential for vapor intrusion into structures on the subject Site from off-site sources. However, assuming no significant changes in use or conditions and assuming that the structures on the subject Site are adequately ventilated, additional investigation regarding the potential for indoor vapor intrusion is at the discretion of the user and is not recommended at this time. It is inferred that the potential for vapor intrusion (if any) is minimized by the construction / design of the current building (underground parking garage, open air parking lot with raised second story above).

# Conclusions, Recommendations

E2C, Inc. has performed a *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Standard Practice E 1527 of 102, 106, 108, 110 First Street in the City of Los Altos, California, the *property*. Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report.

This assessment has revealed no evidence of *recognized environmental conditions* in connection with the *property*. Assuming no significant changes in use and conditions and assuming continued commercial use, no further investigation is recommended at this time.

E2C, Inc.

#### 2.0 PURPOSE AND SCOPE

This report presents the results, conclusions, and recommendations from the Phase I Environmental Site Assessment (ESA) for the property located at 102, 106, 108, 110 First Street in the City of Los Altos, California (hereinafter referred to as the "Site", "subject Site", or "subject property").

# 2.1 Purpose

The purpose of this investigation was to conduct an environmental assessment that would address real and potential environmental impairments, or risks of impairments, that may represent existing or potential financial and legal liabilities to 110 1st Street, LLC and / or their agents. E2C assumes the purpose of this ESA is to qualify for Landowner Liability Protections (LLP) to Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) liability, to understand potential environmental conditions that could materially impact the operation of the business(es) associated with the parcel(s) of commercial real estate, and / or for other purposes associated with business environmental risk (we were not informed of any other purpose).

# 2.2 Scope of Services

The Scope of Services for the performance of this Phase I ESA included the following tasks:

- Research and review available geologic and hydrogeologic information concerning the Site and its environment.
- Review available historical documentation of the property to determine what activities have occurred at the Site and immediately adjacent sites since the Site's first developed use or since 1940 (whichever is earlier).
- Generally survey current uses of immediately adjacent properties.
- ♦ Inspect the Site to determine current on-Site activities and past uses.
- Review available local regulatory files concerning chemical use and storage at the Site, namely:
  - Regional Water Quality Control Board (RWQCB)
  - Santa Clara Valley Water District (SCVWD)
  - Santa Clara County Department of Environmental Health (SCCDEH)
  - Santa Clara County Fire Department
  - Los Altos Building Department
  - Santa Clara County Assessor's Office
- Acquire a review of federal, state and county publications to identify the Site and nearby sites listed on:
  - National Priority List (NPL)
  - Resource Conservation and Recovery Act (RCRAInfo)
  - Region 9, Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)
  - RCRA Treatment, Storage and Disposal (TSD) Facilities

- Emergency Response Notification System (ERNS)
- Leaking Underground Storage Tanks (LUST) sites
- Registered underground storage tank (UST) sites
- Review reports concerning on-going investigations at nearby agency-listed sites.
- Prepare this report in general accordance with the document entitled Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessments Process (The American Society for Testing and Materials [ASTM], E 1527-05).

#### 2.3 Limitations

The conclusions of this report are based solely on the Scope of Services outlined above, and on the sources of information referenced in this report. Any additional information that becomes available concerning this Site should be submitted to E2C, Inc. so that our conclusions may be reviewed and modified, if necessary. Conducting environmental sampling (i.e. soil, groundwater, vapor / air, building materials) is outside the scope of this Phase 1 ESA. Other Non-scope considerations outside the scope of this Phase 1 ESA include, but are not limited to: screening for the possibility of vapor intrusion into buildings or structures, indoor air quality, asbestos containing building materials, radon, lead-based paint, and mold.

The accompanying report presents a description of the work performed by E2C, Inc. and was prepared using guidelines presented in the document entitled, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (The American Society for Testing and Materials [ASTM], E 1527-05). It should be noted that this report has been prepared to generally accepted industry standards and may need to be modified to meet specific lender requirements.

## 3.0 PHYSICAL AND ENVIRONMENTAL SETTING

# 3.1 Topography

The Site's physical location was researched employing the current United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Map section relevant to the Site. The 7.5-Minute Map has an approximate scale of 1 inch to 24,000 inches, and shows physical features such as wetlands, water bodies, railways and roadways, mines, wells, and buildings. The physical and natural features illustrated on the topographic map serve as areas of visual emphasis to note when conducting the on-Site visit.

The Mountain View Quadrangle Topographic Map (dated 1961, photo-revised in 1981) shows no physical features that would likely environmentally impact the Site. The map reveals no storage tanks, mines, or wells in the immediate area. This topographic map shows the elevation of the Site to be approximately 185-feet above mean sea level with an approximate topographic gradient direction to the northeast. Adobe Creek is visible on the map approximately 400 feet southwest of the subject property.

# 3.2 Regional Geology

The Site is located in the Coast Range Province. The Coast Ranges are northwest-trending mountain ranges (2,000 to 4,000, occasionally 6,000 feet elevation above sea level), and valleys. The ranges and valleys trend northwest, subparallel to the San Andreas Fault. Strata dip beneath alluvium of the Great Valley. To the west is the Pacific Ocean. The coastline is uplifted, terraced and wave-cut. The Coast Ranges are composed of thick Mesozoic and Cenozoic sedimentary strata. The northern and southern ranges are separated by a depression containing the San Francisco Bay. The northern Coast Ranges are dominated by irregular, knobby, landslide-topography of the Franciscan Complex. The eastern border is characterized by strike-ridges and valleys in Upper Mesozoic strata. In several areas, Franciscan rocks are overlain by volcanic cones and flows of the Quien Sabe, Sonoma and Clear Lake volcanic fields. The Coast Ranges are subparallel to the active San Andreas Fault. The San Andreas is more than 600 miles long, extending from Pt. Arena to the Gulf of California. West of the San Andreas is the Salinian Block, a granitic core extending from the southern extremity of the Coast Ranges to the north of the Farallon Islands (California Geographical Survey, 2002).

#### 4.0 LAND USE HISTORY

A review of readily available, standard historical sources (as defined in ASTM E 1527-05) was performed to assist in establishing any significant past uses of the Site and immediately adjacent properties. The review attempted (to the extent of readily available sources) to encompass the years since the first obvious developed use of the Site, or since 1940, whichever is earlier. The following subsections present a summary of our findings from our review of each source.

Review of available building and fire department records, city directories, Sanborn maps, previous environmental investigations, historical aerial photographs, historical topographic maps and / or interviews indicated that the subject Site was part of the Southern Pacific Railroad Right Of Way (RR ROW) by 1926 or earlier. Sanborn maps from 1926 and 1932 indicated that the Southern Pacific main line tracks ran parallel to Foothill Expressway at an estimated distance of approximately 40 feet southwest of the subject property's southwest property boundary (in what is now Foothill Expressway). Two relatively small wood frame structures are shown on the subject property in an area near the northeast-east corner of the property (adjacent to 1st St. and the Safeway parking lot). The larger of the structures is labeled "D" ("dwelling" or "frame building"). Offsite, a small wood frame structure labeled "Tool HO" is shown immediately adjacent to the subject property's southwest property boundary (Foothill Expressway); and three or four other small structures are shown approximately 35 to 70 feet southeast of the subject property's southeast property boundary, and a structure labeled "PENINSULAR RAILWAY CO. (ELEC), SUB STATION NO. 2" is shown approximately 130 feet southeast of the subject property's southeast property boundary (Safeway parking lot).

By circa 1964-1971, the circa 1920's – 1930's structures on the subject property were demolished or remodeled / expanded and an office building was constructed. Circa 1992 the current owner (Mr. Ivy) purchased the subject property, demolished the smaller office building, and built the current larger office building. Occupants from approximately 1981 to 2009 have included Quantic Graphic Center, Cornish & Carey Real Estate, The Ivy Company, Auto Chlor (company owned by Mr. Iny), Coldwell Banker Real Estate, and North American Title Company. By circa 1920s adjacent properties were part of the RR ROW, undeveloped, or developed for residential or commercial use; by circa 1950s adjacent properties were developed for commercial or institutional / public uses.

The Site was developed as early as circa 1920; therefore the approximate age of the sewage disposal system is believed to be as old as 90 years old or older.

# 4.1 Historical Topographic Maps

Historical Topographic Maps from 1899, 1941, 1948, 1953, 1961, 1968, 1973, 1981, 1991, and 1997 were reviewed. The Topographic Maps from 1968, 1973, and 1981 were photo revised from the 1961 map. Historical Topographic Maps from 1941, 1948, 1953, and 1968, show Southern Pacific Railroad tracks running through the subject property, between and parallel to First Street and Foothill Expressway. Historical Topographic Maps are presented in Appendix C.

# 4.2 Review of Aerial Photographs

Historical aerial photographs supplied by GeoSearch were reviewed to help evaluate past land uses on the Site and surrounding properties. In addition, the photographs were reviewed for

evidence of hazardous materials and features that may have impacted the Site and general vicinity. These features included, but were not limited to, landfills, ponds, pits, staining or distressed vegetation, aboveground storage tanks, lagoons, exterior storage of hazardous materials, and general land use practices.

Aerial photographs taken in 1939, 1948, 1956, 1968, 1971, 1982, 1995, and 2005 were reviewed (Appendix E). A summary of aerial photographs is provided in the table below.

**Summary of Aerial Photograph Review** 

Year	Site Use	Site Observations
1939	Agricultural / Rural / Residential / Commercial	Resolution / scale of aerial photo was insufficient to allow adequate identification of development and activities; however the Subject Site and all immediately adjacent properties appear to be agricultural fields, rural, residential, or commercial.
1948	Agricultural / Rural / Residential / Commercial	Resolution / scale of aerial photo were insufficient to allow adequate identification of development and activities; however the Subject Site and all immediately adjacent properties generally appear similar to the previous photograph.
1956	Agricultural / Rural / Residential / Commercial	Resolution / scale of aerial photo were insufficient to allow adequate identification of development and activities; however the Subject Site and all immediately adjacent properties generally appear similar to the previous photograph.
1968	Developed	Resolution / scale of aerial photo were insufficient to allow adequate identification of development and activities; however the Subject Site and all immediately adjacent properties appeared to be developed for commercial or residential use.
1971	Developed	Scale of aerial photo was insufficient to allow adequate identification of development and activities; however the Subject Site and all immediately adjacent properties appeared to be developed for commercial or residential use.
1982	Developed	Resolution / scale of aerial photo were insufficient to allow adequate identification of development and activities; however the Subject Site and all immediately adjacent properties generally appear similar to the previous photograph.
1995	Developed	Resolution / scale of aerial photo were insufficient to allow adequate identification of development and activities; however the Subject Site and all immediately adjacent properties generally appear similar to the previous photograph.
2005		Resolution of aerial photo was insufficient to allow adequate identification of development and activities; however the Subject Site and all immediately adjacent properties generally appear similar to the previous photograph. The structure(s) / roofline(s) on the subject property appear altered compared to previous photographs.

# 4.3 Historical Fire Insurance Maps

Maps produced by the Sanborn Fire Insurance Company for major cities and towns depict structures, building materials, uses, USTs, gas lines, etc. These maps were typically produced beginning prior to 1900 and were often updated into the 1970s. These maps are valuable sources of information in determining prior usage, provided the site's location is within city limits as they were defined in the early to mid-1900s. The results of the Sanborn Map search are presented in Appendix F. Sanborn maps were available for the subject Site and some immediately adjacent areas for the years 1926 and 1932.

**Summary of Sanborn Map Review** 

Year	Site Use	Site Observations
1926	Developed / R.R. R.O.W.	The subject property is shown within the Southern Pacific (S.P.) Railroad Right Of Way (R.R. R.O.W.). The S.P.R.R. main line tracks are shown running parallel to the subject property's southwest property boundary (parallel to 1st St.) approximately 40 feet southwest of the subject property's southwest property boundary. The subject property addresses are shown as 21, 22, 23, 24, and 25 1st St. An area adjacent to 1st St. marked as "SECTION HO'S" (hotel, house or warehouse according to the Sanborn Map Legend) extents approximately 2/3 into the northeast half of the subject property from the southeast property boundary. Two wood frame structures are shown on the subject property within this area; a larger structure labeled "D" ("dwelling" or "frame building" according to the Sanborn Map Legend), and a smaller structure (not labeled). A small wood frame structure labeled "Tool HO" is shown immediately adjacent to the subject property's southwest property boundary; three or four other structures are shown approximately 35 to 70 feet southeast of the subject property's southeast property boundary, and a structure labeled "PENINSULAR RAILWAY CO. (ELEC), SUB STATION NO. 2" is shown approximately 130 feet southeast of the subject property's southeast property boundary. There are no structures shown on the southwest half and the northwest third of the subject property; the northwest third of the subject property.
1932	Developed / R.R. R.O.W.	Generally similar to the previous map, see above.

#### 4.4 City Directories

City directories have been published for major cities and towns across the United States since the 19<sup>th</sup> century. City directories published in the 20<sup>th</sup> century also included a street index for each street address during a given year. City directories are a valuable source of historical information with regard to Site tenancy and use. E2C reviewed city directories as provided by GeoSearch for the subject Site address; a copy of the city directory is presented in Appendix D. Information is provided in the table below for those years where information on the subject Site was found.

Summary of City Directories Review						
Year	Owner/ Occupant					
I Gai	102, 106, 108, 110 First Street					
102 First (1 <sup>st</sup> ) Street, Subject Property						
2001 Jerry Ivy						
110 F	irst (1 <sup>st</sup> ) Street, Subject Property					
1971, 1976	Office building (6 Occupants)					
1981, 1986, 1991	Quantic Graphic Center					
1996	Cornish & Carey Real Estate, The Ivy Co					
2001	Coldwell Banker, The Ivy Co					
2006 Coldwell Banker Real Estate, North American Title Co						
NOTE: No	listings for 106, 108 First (1 <sup>st</sup> ) Street					

# 4.5 User Provided Data, Data from Non-Public Sources

During this *Phase I Environmental Site Assessment* no previous reports on the subject Site property of significant relevance to the performance of this *Phase I Environmental Site Assessment* were made available for our review by Site contacts, potential users of this *Phase I Environmental Site Assessment*, or other non-public sources of information.

The current subject property owner, Mr. Jerry Ivy, completed E2C's standard Phase I questionnaire; E2C received the completed questionnaire on February 22, 2010. Mr. Ivy indicated the following on the questionnaire: there was an office building on the subject property for many years prior to when he purchased it circa 1992, the current building was occupied by Caldwell Banker circa 1993 -2009, Auto Chlor (company owned by Mr. Ivy) circa 1993-June 2002, and North American Title Company circa 2002-2009, and the current building was used for offices only. During a follow-up telephone interview on February 26, 2010, Mr. Ivy further indicated that he purchased the subject property and demolished the old (much smaller) office building circa 1991 and had the current building built circa 2002.

# 5.0 SITE RECONNAISSANCE

Benjamin Berman of E2C Inc conducted a Site visit and inspection on February 26, 2010. Site photographs are presented in *Appendix* A. Mr. Berman was accompanied by Mr. Michael Tevis of Intrinsic Ventures, the prospective purchaser of the subject property. All observations are valid as of the date of the Site inspection.

# 5.1 Site Description and General Observations

A Site Vicinity Map (with topographic base, Figure 1) and Site Plan (Figure 2) are provided in the *Figures* section of this report. Site photographs are included in *Appendix A*.

The Site is identified as Santa Clara County Assessor's Parcel Number 167-39-134, and is associated with 102, 106, 108, 110 First Street in the City of Los Altos, California. The property consists of a +/- 0.5 acre parcel of land developed with one square-shaped, 2-story, +/- 14,250 square foot, multi-unit commercial office building with an underground parking garage below the building, and a concrete paved parking lot covered by the second story over the back +/- 2/3 of the building footprint (the ground level of the building adjacent to 1<sup>st</sup> Street has approximately 1/3 the square footage compared to the second level). At the time of the Site inspection the subject property and building were vacant / unoccupied.

# Exterior Observations

- The vehicular entrance onto the subject property is from 1<sup>st</sup> Street at the north-northwest side of the subject property.
- A truck loading zone (parking space) is located at the northwest side of the subject property (not designed for large trucks).
- There is no access to the subject property from Foothill Expressway.
- The ground / grade level of the subject property is approximately equal to the 1<sup>st</sup> Street sidewalk level and approximately 4 to 6 feet below the level of the land adjacent to the southwest side of the property (adjacent to Foothill Expressway).
- A fenced garbage dumpster enclosure was observed at the back west (northwest) corner of the property adjacent to Foothill Expressway.
- Two plastic garbage / recycling containers were observed in front of the garbage dumpster enclosure, and a concrete trash container and a stack of cardboard were observed inside the enclosure.
- The entrance to the underground parking garage is at the southeast side of the subject property; the underground garage entrance is accessed by driving through the covered ground level parking lot.
- Aboveground Storage Tanks (AST) was not observed on Site during the exterior Site inspection.
- Underground Storage Tanks (UST) or associated items indicating a UST system (vent pipe, fill access, re-pavement) were not observed on Site during the exterior Site inspection.
- Storage drums were not observed during the exterior Site inspection.
- Surface runoff on the Site is expected to flow into storm water drains located on the subject property or adjacent streets and into the municipal storm sewers.
- Pits, ponds, or lagoons were not observed on the Site.
- Discernible odors were not noted during the exterior Site Inspection.

- Pools of liquid were not observed on the Site exterior.
- No transformers were observed on the subject Site.
- Concrete paved surfaces (parking and drive areas) were observed to be in generally good condition; no excessive staining was observed on concrete paved surfaces.
- The exterior grounds of the property were observed to be in generally good condition and well maintained.

# Interior Observations

- The main front entrance and lobby of the subject property building is located near the east (southeast) corner of the building adjacent to 1<sup>st</sup> Street.
- An elevator is located in the main lobby at the southeast end of the building. The elevator connects the basement / underground parking garage, ground floor, and second floor.
- The elevator equipment room is located in the basement / parking garage; no signs of excessive hydraulic fluid leaks or excessive staining on the concrete floor were observed.
- The 'Phone Room' is located in the basement / garage near the east corner of the building.
- Two blue plastic (almost empty) trash drums, a few 5-gallon and 1-gallon containers of paint, and one 1-gallon container of paint thinner were observed in the Phone Room.
- Eight (8) 1-gallon containers of paint were observed in the underground parking garage near the door between the garage and the elevator / stairwell.
- During the Site inspection no hazardous materials were observed within the interior spaces associated with the Site address with the possible exceptions of small quantities of typical "over-the-counter" painting supplies mentioned above and presumably hydraulic fluid used in the elevator equipment.
- The interior space of both the ground level and second level were observed to be typically divided into individual offices and larger open areas for cubicle or other office uses. Both floors contained men's and women's restrooms, conference rooms and break rooms. The second floor also contains a storage room
- Excessive staining was not observed on interior floors.
- Interior spaces were generally in good condition and well maintained.

# 5.2 Additional Non-Scope Services

No additional non-scope services were performed as part of this Phase I ESA.

# 5.3 Adjoining and Neighboring Properties Description

E2C, Inc., performed a limited visual inspection of immediately adjoining properties to evaluate their potential environmental significance to the Site. The properties immediately surrounding the Site included the following:

- North (northeast corner of 1<sup>st</sup> St. and Shasta St.): 2-story office building (Coldwell Banker, 95 1<sup>st</sup> St.),
- Northeast (northeast side of 1<sup>st</sup> St., southeast of Shasta St.): 1or 2-story retail / office (101 1<sup>st</sup> St.), 2-story offices (111 1<sup>st</sup> St., vacant),
- East (northeast side of 1<sup>st</sup> St.): 2-story office building (121 1<sup>st</sup> St., Los Altos Vault & Safe Deposit Co.). 2-story office building (127 1<sup>st</sup> St., vacant),

- Southeast: Safeway parking lot and supermarket,
- South, Southwest, West: Foothill Expressway, Landscaping strip, University Avenue, residential, and
- Northwest: U.S. Post office parking lot and building (100 1<sup>st</sup> St.).

No readily observable items (such as the presence of currently existing gasoline service stations or dry cleaners) of likely or potential environmental concern to the subject property were observed during the site inspection on any of these immediately adjoining properties; the user is cautioned that some potential concerns (such as, but not limited to, subsurface impacts) cannot be identified from offsite / exterior observations.

#### 6.0 RECORDS AND CORRESPONDENCE REVIEW

To further evaluate potential sources of contamination originating from on and/or off-site sources, a review of published agency documents, agency files, and other pertinent documents was performed. Generally, information regarding potential off-site sources is obtained from federal and state agency listings, while local agencies offer more site-specific information.

#### 6.1 Federal and State Records Sources

E2C, Inc. contracted with GeoSearch for the performance of an environmental database search to identify agency-listed sites of potential environmental significance located within a one-mile radius of the Site. The GeoSearch database identifies sites that fall under most of the following or equivalent categories:

NPL: National Priority List (Federal Superfund Sites)

CERCLIS/NFRAP: EPA State Superfund Sites
CORRACTS: EPA Corrective action facilities

RCRA GEN: Small and large quantity generators of hazardous waste

**ERNS:** Emergency Response Notification System Sites **HMIRS:** Hazardous Materials Information Reporting System

**TRIS:** Toxic Release Inventory System **TSCA:** Toxic Substance Control Act

FTTS: Federal Insecticide, Fungicide, & Rodenticide Act/TSCA

SSTS: Section 7 Tracking System
PADS: PCB Activity Database System
MLTS: Material Licensing Tracking System

MINES: Mines Master Index File FINDS: Facility Index System

RAATS: RCRA Administrative Action Tracking System

CAL-SITES: Potential or confirmed hazardous release properties

REF: Unconfirmed Properties Referred to Another Agency

**LUST:** Sites with Leaking Underground Storage Tanks

**SWLF/State Landfill:** Permitted solid waste State landfills, incinerators, or transfer stations

**DEED:** Deed restriction sites

CORTESE: Hazardous Waste Substance Sites

**TOXIC Pits:** Toxic pits cleanup facilities

**UST/AST:** Registered Underground or Aboveground Storage Tank Sites CHMIRS: California Hazardous Materials Information Reporting System

CA WDS: Waste Discharge System

**CA SLIC:** Statewide Spills, Leaks, Investigations and Cleanups **SWEEPS UST:** Statewide Environmental Evaluation and Planning System

NOTIFY 65: Proposition 65 Records

**DRYCLEANERS:** Drycleaner related facilities with EPA ID numbers

**HAZNET:** Facility and Manifest Data **EMI:** Emissions Inventory Data

The GeoSearch Radius Map report is presented in Appendix H.

# 6.2 Contamination Migration

#### Fuel Leak Attenuation

In fuel leak cases, research conducted at the Lawrence Livermore National Laboratory (LLNL) indicates that attenuation and degradation play major roles in reducing hydrocarbon contamination in groundwater to non-detectable levels within several hundred feet of the contaminant source. Moreover, this research indicates that in over 90% of the petroleum hydrocarbon contamination cases, groundwater contaminant plumes do not extend more than 250-feet from the source; however, a gasoline additive called Methyl Tertiary Butyl Ether (MTBE) has been found to be more mobile in groundwater compared to gasoline and gasoline break-down products. Findings indicate that MTBE is highly soluble in water and moves easily through soil particles and into groundwater where it may spread over a distance greater than 250 feet. MTBE will transfer to groundwater from gasoline leaking from USTs, pipelines, car emissions into the atmosphere, and other components of gasoline vapor distribution. MTBE has been an additive to gasoline since approximately 1985.

#### **Toxic-Leak Attenuation**

In the case of toxic substances in the groundwater, namely the more mobile Volatile Organic Compounds (VOCs), detectable levels may extend several thousand feet from the source. In most VOC groundwater plume cases, however, attenuation will act to reduce the contamination to non-detectable levels within one-half mile of the source.

#### Groundwater Flow

Site-specific information on groundwater flow direction, depth and quality can only be confirmed through the installation and survey of a minimum of three on-site depth to water groundwater-monitoring wells. No indication was found that depth to water groundwater monitoring wells ever existed on the subject Site, therefore a determination of groundwater flow direction beneath the subject Site was not possible. Monitoring well data was found from two other sites, 330 and 470 South San Antonio Road, Los Altos, located approximately 1,700 and 2,350 feet southeast to south-southeast of the subject property, respectively (TRC, September 15, 2009, and Stantec, July 30, 2009, respectively). Data from these sites indicated that the direction of shallow groundwater flow in the general area was northeasterly to east- northeasterly from the 1990's through 2009; this is consistent with the regional topographic gradients in the general area. Shallow regional groundwater flow directions can typically be assumed to follow topographic gradients, however, flow directions are highly variable and site specific. The Mountain View Quadrangle Topographic Map (dated 1961, photo-revised in 1981) shows Adobe Creek approximately 400 feet southwest of the subject property.

# 6.3 Summary of Radius Map Report Findings

A search of the GeoSearch Radius Map Report indicated the following results of potential environmental concern to the subject Site. The subject Site was not identified under any of the database searches in the GeoSearch Radius Report.

**Summary of Radius Map Report Findings** 

Site Name/Address	Databases	Comments				
L. E. E. ASSOC. / 101 1ST ST, LOS ALTOS, 94022	SWEEPS	SWEEPS. The Statewide Environmental Evaluation and Planning System database contains a historical listing of active and inactive underground storage tank locations from the State Water Resources Control Board. Listing in this database does not imply an unauthorized release of hazardous materials into the environment. No data indicating a release was found.				
GERARD HOMES, INC / 141 1ST ST, LOS ALTOS, 94022	SWEEPS	SWEEPS (see above). Listing in this database does not imply an unauthorized release of hazardous materials into the environment. No data indicating a release was found.				
NIELSENS ONE HR MARTINIZING / 230 FIRST ST, LOS ALTOS, 94022	CLEANER	CLEANER. This database includes dry cleaner facilities that have registered EPA identification numbers. Listing in this database does not imply an unauthorized release of hazardous materials into the environment. No data indicating a release was found.				

Several offsite Leaking Underground Storage Tank (LUST) or other release sites were listed in the radius report in the surrounding area. However, E2C concludes that based on the media affected (e.g. soil only), the substance released (e.g. petroleum hydrocarbons), distances from the subject Site, the age of the releases, the regulatory / cleanup status, and / or the inferred down / cross gradient orientation (with regards to groundwater flow) relative to the subject Site, the likelihood that the subject Site is impacted at levels of regulatory concern by these listed sites is low.

# 6.4 Environmental Liens and Activity and Use Limitations

An environmental lien search provided by GeoSearch indicated environmental liens for the subject Site were "Not Found". The lien search report can be found in Appendix G.

## 6.5 Summary of Local Agency Records and Correspondence

During the review of standard environmental records, E2C, Inc. used the following information sources:

- Regional Water Quality Control Board (RWQCB) / GeoTracker
- Santa Clara Valley Water District (SCVWD)
- Santa Clara County Department of Environmental Health
- Los Altos Fire Department
- Los Altos Building Department

# Santa Clara County Assessor's Office

Synopses of records and correspondence reviewed for the Site at the following agencies are presented below:

# Regional Water Quality Control Board (RWQCB) / GeoTracker

E2C, Inc. searched the RWQCB GeoTracker online files on February 19, 2010, for information regarding LUSTs and hazardous materials spills or other potential concerns that may significantly adversely affect the subsurface of the subject Site. No items of environmental concern to the subject Site were identified from RWQCB / GeoTracker reviews.

# Santa Clara Valley Water District (SCVWD)

E2C contacted the SCVWD on February 16, 2010 regarding wells on the subject property. On February 22, 2010, the SCVWD indicated that there are no registered wells on the subject Site. During the Site inspection no wells were observed.

# Santa Clara County Department of Environmental Health (SCCDEH)

E2C, Inc. reviewed available online records from the SCCDEH on February 19, 2010, for information regarding LUSTs and hazardous materials spills or other potential concerns that may significantly adversely affect the subsurface of the subject Site. No items of environmental concern to the subject Site were identified from SCCDEH reviews.

#### Santa Clara County Fire Department (SCCFD)

E2C, Inc., contacted the SCCFD on February 16, 2010, for information regarding LUSTs and hazardous materials spills or other potential concerns that may significantly adversely affect the subsurface of the subject Site. On February 19, 2010, Mr. David Irvine of the SCCFD indicated that the SCCFD has no records for the subject property addresses.

# Los Altos Building Department (LABD)

E2C, Inc contacted the LABD on February 17, 2010, to request a review of permits for the Site addresses, 102, 106, 108, 110 First (1st) Street. A City of Los Altos representative indicated that fire is handled by the county (see SCCFD above). On February 22, 2010, the LABD provided a summary of building permits; these are listed in the table below.

**Summary of Building Permits** 

Permit No.	Date Issued	Description	Status
6136	11-03-60	?? (not legible) ??	Finaled
8209	03-13-64	Erect 2-story Office Building	Finaled
10296	03-07-68	Office Remodel	Finaled
50173	03-07-94	Tenant Improvement for Cornish & Carey	Finaled
58280	02-18-98	Sign for Coldwell Banker	Incomplete
63495	08-07-00	New Lighting in Parking Area using RUDD 175 MH Lights	Finaled
67664	08-13-02	Sign for North American Title Co.	Incomplete
68288	01-03-03	Remodel 770 sq. ft. of interior office space	Finaled

# Santa Clara County Assessor

An assessor's map for 167-39-134 was obtained on February 16, 2010 from the Santa Clara County Assessor's Office online database.

# 6.6 Data Gaps and Data Failure

Significant data gaps / data failure were not identified.

E2C, Inc.

Expires:630

#### 7.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

The conclusions of this report are based solely on the Scope of Services outlined and the referenced sources of information. Any additional information that becomes available concerning this report should be submitted to E2C, Inc. so that our conclusions may be reviewed and modified, if necessary. No soil, groundwater, vapor, or building material samples were collected or analyzed as part of this investigation. This report was prepared in March 2010 for the sole use of 110 1st Street, LLC and/or their agents.

Prepared by:

Benjamin Berman Project Manager

As per ASTM E 1527-05 Section 12.13, 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. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Reviewed by

Sako K. Noravian

Principal

Project Number 2985 March 4, 2010

#### 8.0 REFERENCES

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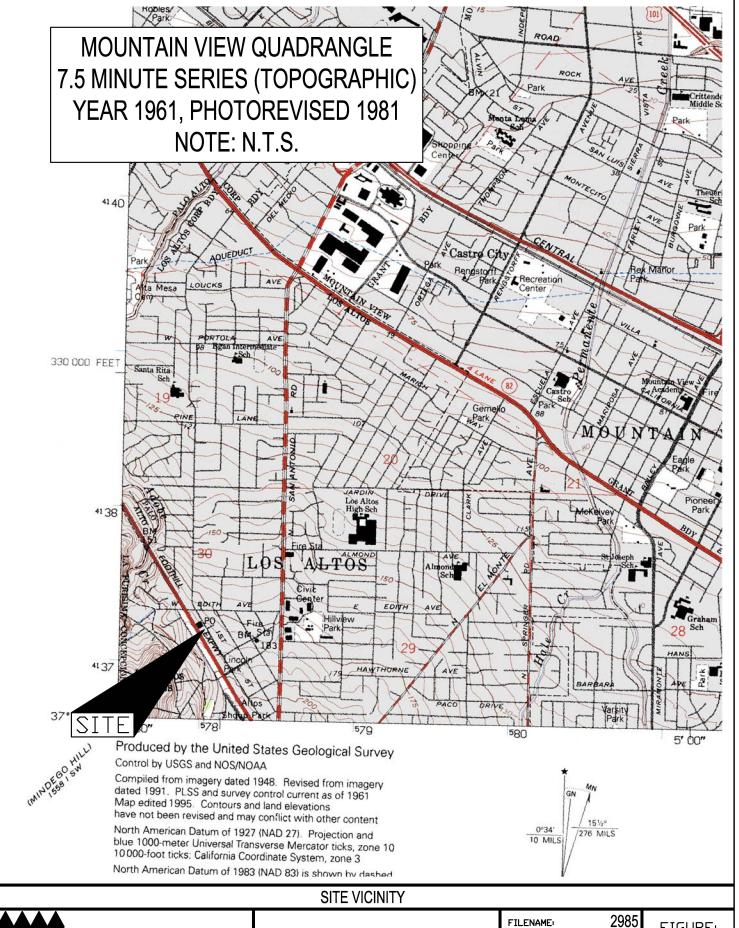
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TRC. September 15, 2009. <u>Semi-Annual Monitoring Report, April Through September 2009, 76 Station 5957, 330 South San Antonio Road, Los Altos, California</u>.

Stantec. July 30, 2009. <u>Second Quarter 2009 Quarterly Groundwater Monitoring Report and Rebound Evaluation, Former Chevron-branded Service Station 9-5215, 470 South San Antonio Road, Los Altos, California.</u>

E2C, Inc. Page 19

## **FIGURES**



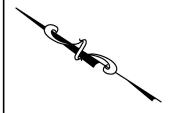
STRUCTURAL / ENVIRONMENTAL ENGINEERING CONSULTANTS 3016 SCOTT BOULEVARD SANTA CLARA, CALIFORNIA 95054-3323 TEL: 408.327.5700 FAX: 408.327.5707

PHASE I ENVIRONMENTAL SITE ASSESSMENT 102, 106, 108, 110 FIRST STREET LOS ALTOS, CALIFORNIA

FILENAME	2985
DATE	FEB. 2010
CHECK BY	ВВ
DRAWN	BB

FIGURE:

1



SOURCE GOOGLE EARTH IMAGE OBTAINED FROM THE INTERNET ON FEBRUARY 16, 2010

NOTE: NOT TO SCALE NORTH ARROW APPROXIMATE



### SUBJECT SITE AND ADJACENT PROPERTIES (GOOGLE EARTH IMAGE)



STRUCTURAL / ENVIRONMENTAL ENGINEERING CONSULTANTS 3016 SCOTT BOULEVARD SANTA CLARA, CALIFORNIA 95054-3323 TEL: 408.327.5700 FAX: 408.327.5707 PHASE I ENVIRONMENTAL SITE ASSESSMENT 102, 106, 108, 110 FIRST STREET LOS ALTOS, CALIFORNIA

FILENAME	2985
DATE	FEB. 2010
CHECK BY	ВВ
DRAWN	BB

FIGURE:

2

2-STOR OFFICE BUILDIN (COLDWE BANKER)	IG ELL	STA ST	RETAIL, LOS ALTOS MAIL OFFICE (PRIVATE MAIL BOXES)	OFFICES (VACANT)	2-STORY OFFICE BUILDING LOS ALTOS VAULT & SAFE DEPOSIT COMPANY	2-STORY OFFICE BUILDING (?VACANT?)
95 1ST ST		SHASTA	101 1ST ST	111 1ST ST	121 1ST ST	127 1ST ST
FIRST ST						
100 1ST ST						
U.S. POST OFFICE	POST OFFICE PARKING LOT	SUBJECT		SAFEWAY PARKING LOT		
FOOTHILL EXPRESSWAY						



LANDSCAPED STRIP

120'

UNIVERSITY AVE

SANTA CLARA COUNTY ASSESSOR'S PARCEL MAP; BOOK 167, PAGE 39 EFFECTIVE ROLL YEAR 2009-2010 NOTE: SOME AREAS OF FIGURE ARE

SOURCE

NOTE: SOME AREAS OF FIGURE ARE
PROJECTED OR ASSUMED WHERE
NOT SHOWN ON PARCEL MAP

APPROXIMATE SCALE: 1" = 60'-0"

RESIDENTIAL

## SUBJECT SITE AND ADJACENT PROPERTIES (SITES LABELED)



STRUCTURAL / ENVIRONMENTAL ENGINEERING CONSULTANTS 3016 SCOTT BOULEVARD SANTA CLARA, CALIFORNIA 95054-3323 TEL: 408.327.5700 FAX: 408.327.5707 PHASE I ENVIRONMENTAL SITE ASSESSMENT 102, 106, 108, 110 FIRST STREET LOS ALTOS, CALIFORNIA

FILENAME	2985
DATE	FEB. 2010
CHECK BY	ВВ
DRAWN	BB

FIGURE:

# APPENDIX A SITE PHOTOGRAPHS



Photo 1, Exterior front of subject property building looking south, 1st St. in foreground.



Photo 2, Exterior southeast side and front of subject building looking west, 1<sup>st</sup> St. in foreground, Safeway parking lot on left.



Photo 3, Exterior southeast side of subject building looking northwest, Safeway parking lot in foreground.



Photo 4, Northwest side of subject building facing south-southwest, showing back parking area covered by second floor of building.



Photo 5, Southeast side of subject building and covered parking area facing north, vehicular access opening to underground garage on right.



Photo 6, Interior, subject building, main entrance / lobby to first and second floors from 1st St.



Photo 7, Interior, subject building, first floor, open office area.



Photo 8, Interior, subject building, second floor, front open office area.



Photo 9, Interior, subject building, second floor, raised storage room.



Photo 10, Interior, elevator equipment room, underground garage level.

March 2010 E<sub>2</sub>C, Inc. Project Number 2985



Photo 11, Interior, phone room, in underground garage.



Photo 12, Interior, fan room, in underground garage.

# APPENDIX B STATEMENT OF QUALIFICATIONS



#### QUALIFICATIONS, KEY PERSONNEL

#### SAKO NORAVIAN, PRINCIPAL

**REGISTRATIONS/CERTIFICATIONS:** 

Certified Professional Structural Engineer—#1913-0306

Registered Professional Engineer, Civil—California #21294

Registered Professional Engineer—Nevada #4746

Registered Professional Engineer—Oregon #10232

Registered Professional Engineer— Washington #17812

Registered Environmental Assessor—California #1320

**EDUCATION:** 

San Jose State University: M.S. Structural Engineering, 1968

California Polytechnic University; B.S., Civil Engineering & Architecture, 1963

PROFESSIONAL HISTORY:

E2C, Inc, Santa Clara, CA, Principal, 1970-Present

#### **BENJAMIN BERMAN, PROJECT MANAGER**

REGISTRATIONS / CERTIFICATIONS / TRAINING:

Registered Environmental Assessor—California #08222

AHERA Accredited Asbestos Building Inspector, Certification #197011

EDR Seminar, Vapor Intrusion Risk & Due Diligence Challenges, 12-6-06, Berkeley, CA

EPA / DTSC Educational Workshop, AAI and New Phase I ESA Requirements, 1-25-07, Sacramento, CA

ASTM International Technical & Professional Training, Assessment of Vapor Intrusion Into Structures on

Property Involved in Real Estate Transactions, 6-11-08, San Francisco, CA

EDR Seminar, Due Diligence, Challenges, Updates, 10-8-08, San Francisco, CA

EDR Environmental Due Diligence 101, 6 week online training course, September-October 2009

#### **EDUCATION:**

San Jose State University: B.A. Environmental Studies, 2000

#### PROFESSIONAL HISTORY:

E<sub>2</sub>C, Inc, Santa Clara, CA, Project Manager, Senior Project Manager, 2002-Present

Santa Clara Valley Water District, San Jose, CA, Leaking Underground Storage Tank Oversight Program, Case Manager, 2001-2002

CET Environmental Services, Inc., Richmond, CA, Staff Scientist, 1993-1997

Agua Terra Technologies, Inc., Walnut Creek, CA, Staff Scientist, 1988-1993

E<sub>2</sub>C INC

STRUCTURAL & ENVIRONMENTAL CONSULTANTS

S i n c e 1 9 7 0

3016 Scott Boulevard, Santa Clara, CA 95054-3323 Tel: 408.327.5700 Fax: 408.327.5707

#### ROBERT NORAVIAN, CONSTRUCTION MANAGER

REGISTRATIONS/CERTIFICATIONS:

E<sub>2</sub>C Construction Company, General Contractor License Class B 714093

**EDUCATION:** 

University of California, Davis, B.A. American University, Washington DC, M.A.

PROFESSIONAL HISTORY:

E<sub>2</sub>C Inc. Santa Clara, CA, Construction Manager, 2002-Present

#### MATT RECHENMACHER, STAFF STRUCTURAL ENGINEER

REGISTRATIONS / CERTIFICATIONS / TRAINING:

Engineering In Training (E.I.T.), Certificate No. 133026, July 31, 2008

**EDUCATION:** 

Santa Clara University: B.S. Civil Engineering (focus in Structural Engineering), 2008

PROFESSIONAL HISTORY:

Quilici Engineers, Campbell, CA, Engineering Intern, Summer 2006 and Summer 2007 E₂C, Inc, Santa Clara, CA, Staff Structural Engineer, July 2008 to Present

E2C Inc

www.e2cinc.com

(408) 327- 5700

 $${\rm E}_2{\rm C}$$  inc Structural & Environmental Consultants S i n c e -1 9 7 0

Project Number 3328 DRAFT May 16, 2016

#### 1.0 EXECUTIVE SUMMARY, CONCLUSIONS, RECOMMENDATIONS

IRC Environmental Consulting (IRC) has completed a Phase I Environmental Site Assessment (ESA) of the property located at address 121 First Street, Los Altos, California (referred to hereinafter as the Site, subject Site, or subject property). This Site assessment was prepared for Los Altos Community Investments LLC in April-May 2016.

This assessment included the visual survey of the Site, exterior inspection of immediately adjacent properties, review of historical documentation, review of local agency files specific to the Site, and a review of regulatory databases that identify nearby sites of potential environmental concern. The purpose of this assessment was to evaluate the Site for real and potential environmental impairments, or risks of impairments, that may represent existing or potential financial and legal liabilities to Los Altos Community Investments LLC and / or their agents.

Based on our review of available records, Site inspections, and / or interviews, no Recognized Environmental Conditions (RECs) were identified. Business Environmental Risks and potential Non-Scope Considerations were identified. See below for details.

#### **Findings, Opinions**

#### **Subject Property, Location, Description**

The subject property is identified as Santa Clara County Assessor's Parcel Number 167-39-126, and is associated with 121 First Street in the City of Los Altos, California. The property consists of a +/- 7,100 square foot rectangular parcel of land developed with one +/- 3,350 square foot single-unit commercial building at the front of the parcel proximate to First Street and associated asphalt paved parking and landscaping at the back of the parcel behind the building. At the time of the Site inspection (May 2016) the Site was occupied by the Los Altos Vault and Safe Deposit Company.

#### **Subject Property, Historical and Current Uses**

Review of available information indicated that the subject property was undeveloped in the 1920s and 1930s. The subject property appears to have been first developed in the 1940s and by the 1960s likely contained one or two buildings. The subject property was apparently used as a garden equipment shop (lawnmowers, etc) circa 1970s - 1990s and may have previously been used together with the immediately adjoining property at 101-111 First Street. Circa 2000 - 2003 the previous structure(s) was demolished and the current building on 121 First Street was constructed; the subject property has been occupied by the Los Altos Vault & Safe Deposit Company from circa 2000 - 2003 to the present (May 2016). The company is a private depository and service business providing private safe deposit boxes / secured space for rent for storage of valuables.

#### **Adjoining Properties, Historical and Current Uses**

Adjoining properties were mostly undeveloped in the 1920s and 1930s. By the 1960s adjoining properties were mostly developed, primarily for commercial uses.

IRC Page 1

Project Number 3328 DRAFT May 16, 2016

#### **Subject Property, Potential Concerns Originating from Onsite**

A potential environmental concern was identified on the roof of the subject property building, a diesel backup generator, including staining on the roof proximate to the diesel fuel tank and rust on the diesel fuel tank. This was not identified as a Recognized Environmental Condition (REC) for the subject property; however, it was identified as a "de minimus" condition (the likelihood that the subject property is impacted at levels of regulatory concern by the above condition is low) and a Business Environmental Risk (see below).

#### Adjoining / Nearby Properties, Potential Concerns

A 1,000 to 1,200 gallon, single-wall steel gasoline underground storage tank (UST) was installed at the adjoining 101-111 First Street property circa 1960. The UST was closed in-place (filled with concrete slurry) in October 1985 under permit and inspection of the Santa Clara County Department of Environmental Health (SCCDEH), Hazardous Materials (Hazmat) unit. In June 2007 the UST was excavated and removed from the site under permit and inspection of the SCCDEH Hazmat. The SCCDEH inspector's UST Closure Inspection Report included the following comments: Tank Condition: good, minor rusting; Soil Condition: appeared clean, no discoloration, no odor of petroleum hydrocarbons. Soil samples were collected from under the UST and associated piping and tested for the following: total petroleum hydrocarbons as gasoline (TPHG); benzene, toluene, ethyl benzene and total xylenes (BTEX) compounds; methyl tert butyl ether (MTBE) and six other fuel oxygenates / additives; and total organic lead. Sample results were all ND, not detected at or above the method or laboratory reporting limits. Based on the above, IRC has not identified the former UST on the adjoining 101-111 First Street property as a REC for the subject property; it has been identified as a potential Business Environmental Risk for the subject property (see below).

#### **Business Environmental Risks**

The backup diesel generator on the roof of the subject property building has been identified as a Business Environmental Risk for the subject property. Staining on the roof proximate to the diesel tank was observed and the diesel tank itself was rusty. The diesel generator may not have been serviced or inspected in years, the integrity of the tank is unknown and the capacity (size) of the tank was not determined. No city or county documents were found with regards to the diesel generator and it is unknown whether or not it is properly permitted or in compliance with local requirements (i.e., fire, hazmat, environmental, air board). In addition to addressing the above items, it is also recommended that the attic be inspected in the area below the diesel tank to check for staining or other indications of diesel leaks or spills.

The former gasoline UST at the immediately adjoining 101-111 First Street property has been identified as a potential Business Environmental Risk for the subject property. In our opinion, based on the above, the likelihood of significant impact to the subject property is low. However, additional action may be warranted if there are plans for the subject property for significant subsurface disturbance (such as for soil excavation for a basement or underground parking) or a change to a sensitive use (i.e., residential, day care, school, medical).

IRC Page 2

Project Number 3328 DRAFT May 16, 2016

#### **Non-Scope Considerations**

The following should be noted with regards to Asbestos Containing Building Materials (ACBM). Although based on the dates of construction of the current building on the subject property, circa 2000 - 2003, ACBM should not have been used. Nonetheless, some potentially suspect materials were observed, notably the spray-on insulation in the attic. No asbestos sampling was done as part of this current assessment. Before any demolition, renovation, or any other activity that may disturb the building materials, the materials should be inspected by an AHERA Accredited Asbestos Building Inspector or handled as Asbestos-containing (local authorities may require an asbestos sampling survey).

#### **Conclusions, Recommendations**

IRC Environmental Consulting, LLC has performed a *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Standard Practice E 1527 of 121 First Street in the City of Los Altos, California, the *property*. Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report.

This assessment has revealed no evidence of *recognized environmental conditions* in connection with the *property*. However, the following should be considered:

• Business Environmental Risks and Non-Scope Considerations were identified (see above).

IRC Page 3



Phase I Environmental Site Assessment Report

Z Castle Gallery 127 1st Street Los Altos, CA 94022-2706

Prepared for

Permian Builders Inc. Fred J. Isaia 4125 Clipper Court Fremont, CA 94538-6514

Prepared by

Benchmark Environmental, Inc. 3732 Charter Park Drive, Ste#A San Jose, CA 95136 Phone: 408-448-7594

Job Number: E09-581-PES-ASU-MIV 2009-07-24

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# **Acronyms & Abbreviations**

#### **Acronyms and Abbreviations**

AEC Atomic Energy Commission
AIG American International Group
AQCR Air quality control regions

ARAR Applicable or relevant and appropriate requirement ARP Accidental Release Program

AST Aboveground storage tank

ASTM American Society for Testing and Materials

BOD Biochemical oxygen demand

BTU British thermal unit

BTEX Benzene-toluene-ethylbenzene-xylene

C Degrees Celsius CA California

CAA (Federal) Clean Air Act

CCME Canadian Council of Ministers of the Environment
CDEP Connecticut Department of Environmental Protection

CEPA Canadian Environmental Protection Act

CERCLA (Federal) Comprehensive Environmental Response Compensation and Liability Act of 1980

CFC Chlorofluorocarbon

C.F.R. Code of Federal Regulations
CLP (EPA) Contract Laboratory Program

CMHC Canada Mortgage and Housing Corporation

CO Carbon monoxide

CZMA (Federal) Coastal Zone Management Act

DDT Dichloro diphenyl trichloro ethane

DEC Department of Environmental Conversation (New York State)

DEP Department for Environmental Protection (Florida; Massachusetts; New Jersey)

DEPE Department of Environmental Protection and Energy (New Jersey)

DEQ Department of Environmental Quality (Louisiana)

DER Department of Environmental Resources (Pennsylvania)

DMR Discharge Monitoring Report DI Deionized
DNR Department of Natural Resources (Michigan)

DOE (U.S.) Department of Energy

DOH Department of Health (New York State)

DOI (U.S.) Department of Interior
DOL (U.S.) Department of Labor
DOT (U.S.) Department of Transpo

DOT (U.S.) Department of Transportation EIS Environmental Impact Statement

EM Electromagnetic
EP Extraction procedure

EPA (U.S.) Environmental Protection Agency

F Degrees Fahrenheit f/cc fibers per cubic centimeter

Fed.Reg. Federal Register

FID Flame ionization detector

FOIA (Federal) Freedom of Information Act FWPCA Federal Water Pollution Control Act

GC Gas chromatograph

GC/MS Gas chromatography/mass spectrometry

gal gallon

gph gallons per hour

GPR Ground-penetrating radar

H2S Hydrogen sulfide
HA Halogenated aromatics
HAP Hazardous air pollutant
HCFC Hydrochlorofluorocarbons

HCS (OHSA) Hazard Communication Standard
HREC Historical Recognized Environmental Condition

HRS——Hazard-Ranking-System-

HSWA (Federal) Hazardous and Solid Waste Amendments of 1984

HWM Hazardous waste management (facilities)

kPa kilopascal L liter

LAER Lowest achievable emission rate

LEL Lower explosive limit LNG Liquid natural gas

LSP Licensed site professionals (Massachusetts)

LUST Fund Leaking underground storage tank (petroleum)

m3 cubic meter

MCL Maximum contaminant level
MCLG Maximum contaminant level goal
MCP Massachusetts Contingency Plan

MeV Million electron volts mg/l miligrams per liter

ml milliliter

MMS Minerals Management Service

MS Mass spectrometry

MSDS Material safety data sheet NFA No Further Action (letter)

NGWA National Ground Water Association

N02 Nitrogen dioxide Nox Nitrogen oxides

NPDES National Pollutant Discharge Elimination System

NPL National Priorities List

NRC Nuclear Regulatory Commission

O2 Oxygen O3 Ozone

O&M Operating and maintenance

ODCs Other direct costs

OSHA Occupational Safety and Health Act

OVA Organic vapor analyzer
PCB Polychlorinated biphenyl
PCi/l Picocuries per liter

PEL Permissible airborne exposure level

PID Photoionization detector

POTW Publicly owned treatment works

ppb parts per billion ppm parts per million

PRPs Potentially responsible parties

PSD Prevention of significant deterioration

psi pounds per square inch

PVC Polyvinyl chloride
QA Quality assurance
QC Quality control
R.A. Regional Administrator

R&D Research and development
RAP Remedial Assessment Plan
RCP Response Claims Procedure

RCRA (Federal) Resource Conservation and Recovery Act

REC Recognized-Environmental-Condition-

rem Roentgen equivalent man [a measure of radiation]

RI/FS Remedial Investigation & Feasibility Study

RMP Risk management plan

RMPP Risk Management and Prevention Programs

ROD Record of Decision RQ Reportable quantity

RUST Repair of Underground Storage Tank Program

SARA (Federal) Superfund Amendments and Reauthorization Act of 1986

SDWA (Federal) Safe Drinking Water Act SEC Securities and Exchange Commission

SOW Scope of work

SPCC Plan Spill Prevention Control and Countermeasure Plan SPDES State Pollutant Discharge Elimination System (New York)

SQG Small quantity generator

SWDA (Federal) Solid Waste Disposal Act of 1965 SWMA Solid Waste Management Act (New Jersey)

SWMU Solid waste management unit

T Temperature TAT Turn-around time

TBC To-be-considered (material)

TCLP Toxicity characteristic leaching procedure

TOC Total organic carbon

TSCA (Federal) Toxic Substance Control Act

UEL Upper explosive limit

USGS United States Geological Survey
UST Underground storage tank

UV Ultraviolet vs. versus

VCP Voluntary Cleanup
VOA Volatile organic analyses
VOC Volatile organic compound
WOA (Federal) Water Outslife Act

WQA (Federal) Water Quality Act

# Glossary

### **Glossary**

·	
Action-specific ARARS	usually technology-or activity-based requirements or limitations on actions or conditions involving specific substances.
Alpha particle	a positively charged nuclear particle, consisting of two neutrons and two I protons, emitted with high energy (3 to 8 Me V) during some nuclear I transformations.
Annual aggregate financial ability	the amount of money that would be required to pay for accidental releases that may occur within 12 months.
Area of concern	a term defined in (New Jersey's) Industrial Site Reclamation Act referring to any location where hazardous substances or wastes are or may be present.
As-Is Site Plan	drawing of the existing site layout, shows property boundaries, streets bordering the site, and building locations and configurations, other site features, and includes an accurate scale and the north direction.
Barrier remediation	prevents radon from entering the enclosure.
Recquerel	international unit of measurement for the rate of nuclear transformations (per second).
Beta particle	an electrically-charged particle [either positive (positron) or negative (electron)], ejected from the nucleus of an atom during radioactive decay; has the mass of an electron, can penetrate skin, up to about 1/4 inch.
Caveat emptor	meaning "let the buyer beware;" without a warranty the buyer takes the risk of quality upon himsel£
Certification (laboratories)	granted by some states to certain laboratories; ensures that laboratories meet certain minimum standards.
Chemical-specific ARARs	usually health-or risk-based values or methodologies used to determine acceptable concentrations of chemicals that may be found in, or discharged to, the environment. Maximum contaminant levels (MCLs) or other water quality criteria are examples of chemical-specific ARARs.
Composite sample	a single composite sample is made up of a combination of samples.
Conventional pollutant	EP A has identified five; biochemical oxygen demand, total

suspended solids, pH, fecal coliform, and grease.

riterial pollutant

Curie

Dilution ventilation

Direct discharge

Discharge of dredged material

Discharge of a pollutant

Due diligence

**Duplicate samples** 

**Eminent domain** 

Environmental due diligence process

**Environmental professional** 

a pollutant for which EP A has established, under the Clean Air Act, a national standard.

unit of measurement of the rate of nuclear transformations (per second), approximately equal to the radiation from one gram of radium.

a method of radon remediation; increases the frequency of air exchange in a enclosure:

one that is released into the 'waters of the United States.'

generally means any addition of reintroduction of the material, either directly or indirectly, including 'runoff or overflow from a contained land or water disposal area.'

CW A defines this as any addition of a pollutant to receiving waters. Dredged material material excavated or dredged from water bodies.

identifying and evaluating environmental liabilities and risks is also known as performing due diligence.

provide information about the precision of a laboratory's results by providing a check to determine if the correct sampling technique or method was used; may be a mandatory requirement of some regulatory agencies. Duplicate samples should be collected at locations where suspected contaminant levels are believed to be at their highest concentrations.

the inherent right of the state or its designated agents to appropriate or take private property provided that the property owner receives just compensation for the taking and there has been a determination that a valid public necessity exists for the taking.

the process used to investigate a commercial or industrial property (usually prior to completion of a real estate transaction) for contamination by hazardous wastes or hazardous substances.

ASTM standards terminology used to describe a person possessing the necessary training and experience to conduct all aspects of the ESA and also the ability to develop valid conclusions regarding the presence of recognized environmental conditions. The terms is typically interchangeable with consultant, assessor, environmental assessor, engineering consultant, geologist, hydrogeologist, or certified engineering geologist.

xisting source is one, the construction of which commenced before publication of an applicable proposed regulation setting NSPSs for that category. (to radiation) the individual is subjected to airborne concentration **Exposed** of radio nuclides with no allowance for the use of protective clothing, equipment or particle size. the defining of exposure pathways and the calculation of the Exposure assessment potential magnitude of exposure. extra field samples that help to ensure "quality control" (QC). Field blanks vertical cylinders with a capacity of greater than 50,000 gallons. Field-constructed tanks Field duplicates Fill material any material used primarily for either 'replacing an aquatic area with dry land' or raising the bottom elevation of water body. First encountered ground water the most-shallow ground water aguifer. Such an aguifer is the one most likely to be affected if surface discharges of waste have occurred. Friable asbestos material any material that contains more than one percent asbestos by weight, and can be crumbled, pulverized, or reduced to powder by hand pressure. electromagnetic radiation (similar to X-rays but higher in Gamma ravs frequency spectrum) emitted by a radioactive substance. This radiation has no charge and is the most penetrating of the radiation forms. General permit authorizes a type of activity as long as it meets certain standards or conditions described in the permit. tests (including magnetometer surveys, ground penetrating radar, Geophysical techniques

pathways.

a billion

Giga

**Grab samples** 

Harmful quantities of oil discharge

**Hazard assessment** 

uncomposited samples (usually taken for water).

any discharge that violates a water quality standard, or causes a film or sheen upon the surface of the water.

electrical resistivity, and seismic refraction) used to locate buried

metallic objects, such as USTs and to map groundwater

helps to define the potential adverse health or environmental effects associated with chemicals onsite, the potential magnitude of exposure, and the frequency of exposure.

azard identification the identification of those chemicals that may pose a threat to human health or the environment. Highest and best use the most profitable likely use to which a property can be put. Indemnification agreement a written promise by one party that it will not hold another party liable; also called a "hold harmless clause." Indirect point source discharges discharges by industries of pollutants indirectly into U.S. waters through publicly-owned treatment works (POTWs). Individual permit authorizes a specific individual or entity to conduct a specific activity. Joint and several liability imposed in cases where the harm caused is indivisible-where there are multiple parties who are potentially responsible for the harm, but it cannot be determined with any degree of certainty which parties or defendants are responsible for which aspects of the damage. Just compensation the market value of the property in its highest and best use in cash as of the Laboratory blanks laboratory-grade samples that re analyzed in the same way as field samples. aboratory duplicates unmarked samples whose results help to ensure QC. Location-specific ARARs restrict actions or contaminant concentrations in certain environmentally sensitive areas. Examples of areas regulated under various federal and state laws include floodplains. wetlands, and locations where endangered species or historically significant cultural resources are present **Matrix spikes** duplicate field samples that are spiked in the laboratory with measured quantities of contaminant; the volume of contamination in a matrix spike can then be subtracted from the overall quantity of contaminant in the pure sample to determine the contamination level in the original soil sample.

the total time a sample can be retained under proper storage conditions before analytical results are considered legally invalid.

used to calibrate the instrument chosen to test a sample. For example, in spectrometry, a method blank containing deionized water is used to obtain a base reading; this reading is then deducted from the readings obtained from the samples.

one millionth

Maximum holding times

Method blank

Micro

egative declaration a term defined in (New Jersey's) Industrial Site Reclamation Act. **New source** one for which construction began after publication of an applicable proposed regulation settings NSPS for that category. tanks used to contain regulated substances, and installed after New underground storage tanks (New USTs) December 22, 1988. No Further Action letter a term defined in (New Jersey's) Industrial Site Reclamation Act. **Opportunity costs** those costs associated with the loss of use of the property due to remedial activies. refers to the amount of money that must be available to pay the Per occurrence financial ability cost of one accidental release. the ability of liquid or gas to pass through; in this case, defined as **Permeability** the ability of a rock formation to transmit water. **Pesticide** any substance or mixture of substances intended to prevent, destroy, repel, or mitigate pests. hase I (ESA) non-intrusive research conducted to evaluate the potential for significant onsite impacts. Phase II (investigation) an intrusive study of at the site's soil and ground water to evaluate the location and extent of impacts from historical uses. Phase III a framework for identifying remediation approaches so that a cleanup strategy can be developed. Pico one trillionth floor drains that may be used to discharge hazardous wastes; **Pits** also called "trenches."

Point source discharges

any discernible, confined and discrete conveyance, including but

not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feed operation, or vessel or other floating craft, from which

pollutants are or may be discharged into waters.

ollutant

according to CW A, dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials, heating wrecked or discharged equipment, rock, sand, cellar dirt and industrial, municipal, and agricultural waste discharged into water. See a/so conventional, non-conventional and toxic pollutants.

Portable organic vapor analyzer

used to screen volatile organic compounds, the most common contaminant present on commercial and industrial properties.

Potential to emit

calculated using the major stationary source's maximum design capacity (continuous year-round operation) following application of pollution controls.

Primary standards (for airborne pollutants)

EPA's standards which are designed to protect human health with an adequate margin of safety.

Pristine sites

sites unaffected by any negative impact from man or nature

**Profiling** 

defining the subsurface features. This is used t define the lateral extent of a feature, such as a waste site, with little or no data on depth.

Proportional allocation method

involves allocating liability according to the percentage of total wastes found at the site that is clearly attributable to each potentially responsible party (pRP).

Pumping and treatment

a man-made system for extracting contaminated ground water and ~ treating it to remove contaminants; typically there is no reinjection of the water.

Quad map

a topographic map with an approximate scale of one inch to 2,000 feet; shows physical features such as wetlands, water bodies, roadways, mines, and buildings.

Quality assurance (QA)

a firm-wide program that establishes project policies, procedures, standards, and guidelines designed to produce an acceptable level of professional quality.

Quality control (QC) programs

establish project activities that apply the policies, procedures, standards, and guidelines designed to produce an acceptable level of professional quality.

Radioactive material

any material which emits, by spontaneous nuclear distergr4ation, corpuscle or electromagnetic emanations.

Radiation

includes alpha rays, beta rays, and gamma rays. Alpha and beta rays are corpuscle (particle) emanations; gamma rays are electromagnetic emanations.

.adiation area

Radon

Real estate value

Recharge

Regulated substances

Releases

Rem

Remedial action

Restricted area

Restricted-use pesticides

any area accessible to personnel, in which radiation exposure could exceed 5 millirems in one hour, or 100 millirems in any five consecutive days.

a chemical element fomled by the disintegration of radium, is a heavy, colorless, odorless, and radioactive gas.

cost approach to value involves the estimation of the replacement cost of the utility of the improvements, from which is subtracted the estimated depreciation, to which is added to the value of the land. The land value is nomially obtained from the market approach to value, income approach is applicable in estimating the value of real estate that is purchased primarily for its income-producing potential. Market data approach is an appraisal process in which the estimated market value of a property is based upon prices paid in actual market transactions, or upon current offering prices for similar real estate. Selected properties are compared to that under appraisal in order to arrive at an indicated value of the subject. The various features of the comparables are considered with respect to their absence. presence, and quality in the subject and adjustments are made to the unit sale price of the comparable property for these major differences.

water management systems designed to inject water collected by surface systems back into ground water aquifers.

"The teml regulated substances means (1) any substance defined [as hazardous substance under CERCLA]...(but not including any substance regulated as hazardous waste under [RCRA]), and (2) petroleum."

defined by federal and most state laws as any spilling, leaking, pouring, dumping, emitting, discharging, injecting, escaping, leaching, or disposing of hazardous waste or hazardous waste constituents into the environment.

(roentgen equivalent man) a measure of ionizing radiation dosage with the same biological effect as a roentgen of X- or gamma rays.

a teml defined in (New Jersey's) Industrial Site Reclamation Act.

any area where access is controlled by the employer for the purpose of limiting employee exposure to radiation or radioactive materials.

pesticides that must be applied under the supervision of a certified applicator.

isk characterization

combines information on the potential magnitude of exposure to chemicals from the site with dose-response information derived from the "hazard assessment." The result is a description of the potential nature and magnitude of health or environmental risk associated with each chemical onsite.

Roentgen

the international unit of measurement for X-radiation or gamma radiation

Sample price

the total price for all samples including samples necessary to test for QA.

Sampling round

a consultant's visit to the site to gather samples.

Secondary standards (for airborne pollutants)

EPA's standards designed to protect against environmental damage, such as damage to soils, crops, wildlife, weather, climate, and personal comfort.

Small quantity generators (SQGs)

defined as facilities producing less than 1,000 kilograms of hazardous waste per calendar month (kilograms per month), which is the equivalent of about 300 gallons or about five 55-gallon drums; note, however, some states define SQGs more narrowly.

Soil and ground water analyses

tests used to determine the presence of surficial or subsurface contamination and concentration levels; may involve soil borings and installations of test pits and/or observation wells.

Soil vapor surveys

surveys using gas chromatography equipment to map potential soil and groundwater contamination.

Sophisticated surface water sampling program

consists of more samples taken at several different depths and tests of such physical parameters as pH, conductivity, presence of dissolved oxygen, and temperature.

Sounding

a radar technique used to determine the depth of a buried object at a specific location.

**Spikes** 

samples that have been fixed with a preservative.

Strict liability

indicates that fault is not a prerequisite to determining responsibility under the statue. The purchaser may be liable for cleanup costs even if the property was contaminated prior to his or her purchase. The original owner may also be held accountable for all or part of a property's cleanup costs despite compliance with all regulations in effect att he time of property transfer.

action piping

Super lien law

Tank testing

Tax Assessor's Map

**Technology-based limits** 

Thief

tle search

To-be-considered materials

Transportation-related release

Transported (radioactive materials)

Travel blanks

**Trenches** 

Trier

piping which does not require leak detection if it has the following two main characteristics Below-grade piping is sloped so that the contents will drain back into the storage tank if the suction is released. Each suction line has only one check valve which is located directly below the suction pump.

provides states the authority to impose a lien on any property requiring cleanup that involves state expense. The super lien law takes precedence over all other encumbrances, including first mortgage.

used to identify leaks in USTs.

provides legal description, property boundaries, locations, types of easement (if any), and the locations of properties bordering the subject site.

the minimum level of water pollution control technology that a discharger must apply, regardless of which water body receives the effluent discharge.

a long, hollow, outer tube with evenly-spaced openings along its length and an inner tube of the same configuration. It is used for collecting samples by aligning the openings after inserting it into the material to be samples.

a process used to confirm legal ownership (of property).

defined by EP A as "non-promulgated advisories or guidance used by federal or state government that are not legally binding and do not have the status of potential ARARs. In many cleanups, TBCs will be considered along with ARARs in determining the necessary level of cleanup.

a release of a hazardous substance during transportation or storage if the stored substance is moved under manifest and has not reached its designated destination.

not defined in OSHA regulations, but these are interpreted to mean moved from one location to another on a property, or from a restricted area to an unrestricted area.

containers filled with deionized (DI) water that should accompany each container or sample.

floor drains which may be used to discharge hazardous wastes; also called "pits."

a hollow rod that will produce a core sample when thrust into unconsolidated, moist materials.

#### nderground storage tanks (USTs)

User

Vadose

Warranty

Waste management units

Waters of the United States

ater quality-limited requirements

Well-casing volume

Wellhead protection areas

Wetlands

tanks that store regulated substances and have at least 10 percent of their volume, including the contents of connected pipes, underground.

ASTM terminology for the person [usually the client] responsible for providing this data to the environmental professional.

unsaturated zone.

a pledge that a certain matter is true. For example, a seller may warrant that the facility has obtained all federal and state environmental permits required for continued operation.

physical areas of the site where hazardous wastes are generated, used, stored, or treated.

- (i) navigable waters; waters of the u.s. subject to tidal action shore-ward to the mean high water mark and are presently used or may be used to transport interstate or foreign transport. The term includes coastal and inland waters, lakes, rivers, and streams that are navigable and the oceans;
- (ii) tributaries of navigable waters
- (iii) wetlands, including those adjacent to waters of the United States.

the pollution controls that dischargers in selected locations must apply to ensure their discharges do not cause violations of the water quality standards set for that receiving body.

determined by multiplying the total depth of the well from ground surface to the bottom of the water column by the cross-sectional area

surface and sub-surface areas surrounding water wells or well fields supplying public water systems

definition varies by state, generally one or more of the following criteria apply

- . Whether or not the area is permanently wet during most of the year.
- . Whether or not wetlands-related submergent and emergent plants are present. . Whether or not characteristic soil types are present.

# **Executive Summary**

# 2.0 Executive Summary

# 2.1 Subject Property Description

The Subject Property is located on the east side of 1st Street approximately 1000 feet northwest of the intersection of 1st Street and Main Street. The Subject Property is currently occupied by Z Castle Gallery, which is a fine arts/furniture/sculpture retailer. The current business was occupying the building for the last 10 years.

The building is a cinder block foundation Douglas fir framed two story structure with a subterranean parking area, and vertical transportation. The original design of the building appears to be that suitable for a restaurant; there is a full restaurant gall located at the street level and a wine cooler located at the second story.

The exterior is clad with stucco; the roof material is flat with asphalt roll roofing; there is a small patio area to the front of the structure which is heavily covered by foliage; the automobile parking beneath the structure does have a exhaust evacuation system (operational status unknown); the auto access door is damaged and barricaded.

The immediate neighborhood is retail and commercial operations, ranging from a grocery store, safe deposit box trusts, floor coverings, real estate, and auto repair. To the rear of the subject Site, there is primarily single family and apartment residences. The Site operation is commensurate with the surrounding area.

#### 2.2 Data Gaps

This report presents the findings of a Phase I Environmental Site Assessment (ESA) conducted by BENCHMARK on the subject property (the "Site"). This assessment was performed in accordance with the "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," issued by the American Society for Testing and Materials (ASTM Standard E1527-05). During the course of this investigation, BENCHMARK made appropriate due diligence inquiries into the previous ownership and uses of the Site consistent with good commercial or customary practice in an effort to minimize the Client's exposure to liability by conducting "all appropriate inquiry" necessary to establish the innocent landowner defense under CERCLA.

# 2.3 Environmental Report Summary

Benchmark Environmental Engineering has performed an Environmental Site Assessment, in conformance with the Scope of Work developed in cooperation with the client and the provisions of ASTM Practice E 1527-05. Any exceptions to, or deletions from, this practice are described in Appendix E of this report.

The historical evaluation uncovered a concern regarding an underground Carbon Tetrachloride plume, a strong solvent, to the east of the subject Site. An extensive investigation onto this plume indicated that the local oversight agency, Santa Clara Valley Water District (SCVWD) has capped the wells in the vicinity and well pumping which could affect the plume has been ceased.

There were a few underground storage tank (UST) releases identified; the sites are under control of the local oversight agencies and direct confirmation has indicated that the sites are either closed or in final review for closure.

Historical records indicated that the Site Radon levels could be elevated in comparison to the County norm; the Santa Clara County average Radon levels is <2 pCi where the EPA level of concern is >/= 4.0 pCi; historical records indicated that approx.11% of the sites within the are exceeded this level. A Radon screen was implemented as part of this investigation as a result. The Radon air levels as measured by samples taken at the Site indicate levels at or below 0.5 pCi.

Based upon the age and construction of the building, the building was presumed to contain Asbestos containing materials (ACM). As such, an Asbestos survey was requested as part of this investigation. With the exception of the roof materials (not accessible) there was no ACM detected within the structure.

In addition to the aforementioned Asbestos survey, a cursory visual mold investigation was requested; the investigation did indicate that there is some mold remediation needed; said remediation efforts are included herein.

Based upon the age and construction of the building, there exists a concern of lead-based paint existing within the coatings (paint) of the subject building; this is typically not a concern to occupants until the material is disturbed by renovation or wear by friction points. A lead-paint survey is not being recommended at this time, with the understanding that this will remain a concern upon the subject Site.

# 2.0 Executive Summary (continued)

2.3 Environmental Report Summary (continued)

Based upon the merits of this investigation, outside of the building specific mold and lead-paint assumption, there are no further environmental concerns in regards to the Site. The mold remediation should be conducted in harmony with the title transfer; the lead-based paint investigation can be conducted as part of building renovation.

Report	Section	No Further	REC	HREC	Issue/Further	Comments
		Action		100	Investigation	
4.4	Current Use of Property	X				
4.6	Adjoining Property Information	X				
6.1	Standard Environmental Records Sources	X				
6.4.1	Historical Summary	X				
6.4.6	Other Environmental Reports				Х	The Mold investigation indicated the need fr minimal mold remediation.
7.3.1	Hazardous Substances	X			• .	
7.3.3	USTs	X				1
7.3.4	ASTs	X	,			
7.3.5	Other Suspect Containers	X				
7.3.6	Equipment Likely to Contain PCBs	X				
7.3.11	Stained Soil/Stressed Vegetation	X				
9.1	Asbestos-Containing Materials					
9.2	Lead-Based Paint				X	Due to the age and construction of the building, there is the possibility of Lead-based paint located upon and
	<u> </u>			,		within the structure.
9.3	Radon	X		E 1	<u> </u>	<u> </u>

#### 2.4 Recommendations

Based on information obtained by Benchmark, UPIN, Inc. during the performance of this project, we concluded that the subject Site does not require a Phase II ESA at this time; however, please review the following environmental conditions regarding the subject property:

Due to the age of construction, the building materials located on the Site are presumed to contain Lead-based Paint. All of building materials located at the Site should be surveyed for Lead-Based Paint before demolition, remodeling or disturbance of any building materials. A lead-paint survey is suggested throughout the building.

Mold remediation is needed at various areas within the building; failure to correct the water intrusion sources that lead to the mold amplification, will likely lead to a more severed mold/water related condition; said condition, can lead to further property damage and indoor air quality (IAQ) problems.

Recommended Action	Cost Estimate
Mold remediation as outlined in the Mold Visual Inspection report	\$15,000.00
Lead-based paint investigation	\$1,500.00

# **Detail Report**

# 1.0 General Information

Project Information:

127 1st Street - Z Castle Gallery

E09-581-PES-ASU-MIV

Consultant Information:

Benchmark Environmental, Inc. 3732 Charter Park Drive, Ste#A

San Jose, CA 95136

Phone:

408-448-7594

Fax:

408-448-3849

E-mail Address:

bryanb@benchmarkenvironmental.com 07/16/09

Inspection Date: Report Date:

2009-07-17

Site Information:

Z Castle Gallery 127 1st Street

Los Altos, CA 94022-2706

County:

Santa Clara

Latitude, Longitude:

37.379999, -122.119053

Site Access Contact:

**Boyd Smith** 

Client Information:

Benchmark Environmental, Inc.

Bryan Buller

3732 Charter Park Drive, Ste#A

San Jose, CA 95136

Site Assessor:

Bryan K. Buller

Vice President/Engineering

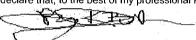
Senior Reviewer:

Bryan K. Buller

Vice President/Engineering

# **EP Certification:**

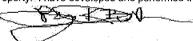
I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 312.10 of this part.



Bryan K. Buller - Vice President/Engineering

# AAI Certification:

I 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.



Bryan K. Buller - Vice President/Engineering

# 2.0 Executive Summary

#### 2.1 Subject Property Description

The Subject Property is located on the east side of 1st Street approximately 1000 feet northwest of the intersection of 1st Street and Main Street. The Subject Property is currently occupied by Z Castle Gallery, which is a fine arts/furniture/sculpture retailer. The current business was occupying the building for the last 10 years.

The building is a cinder block foundation Douglas fir framed two story structure with a subterranean parking area, and vertical transportation. The original design of the building appears to be that suitable for a restaurant; there is a full restaurant gall located at the street level and a wine cooler located at the second story.

# 2.0 Executive Summary (continued)

# 2.1 Subject Property Description (continued)

The exterior is clad with stucco; the roof material is flat with asphalt roll roofing; there is a small patio area to the front of the structure which is heavily covered by foliage; the automobile parking beneath the structure does have a exhaust evacuation system (operational status unknown); the auto access door is damaged and barricaded.

The immediate neighborhood is retail and commercial operations, ranging from a grocery store, safe deposit box trusts, floor coverings, real estate, and auto repair. To the rear of the subject Site, there is primarily single family and apartment residences. The Site operation is commensurate with the surrounding area.

#### 2.2 Data Gaps

This report presents the findings of a Phase I Environmental Site Assessment (ESA) conducted by BENCHMARK on the subject property (the "Site"). This assessment was performed in accordance with the "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," issued by the American Society for Testing and Materials (ASTM Standard E1527-05). During the course of this investigation, BENCHMARK made appropriate due diligence inquiries into the previous ownership and uses of the Site consistent with good commercial or customary practice in an effort to minimize the Client's exposure to liability by conducting "all appropriate inquiry" necessary to establish the innocent landowner defense under CERCLA.

# 2.3 Environmental Report Summary

Benchmark Environmental Engineering has performed an Environmental Site Assessment, in conformance with the Scope of Work developed in cooperation with the client and the provisions of ASTM Practice E 1527-05. Any exceptions to, or deletions from, this practice are described in Appendix E of this report.

The historical evaluation uncovered a concern regarding an underground Carbon Tetrachloride plume, a strong solvent, to the east of the subject Site. An extensive investigation onto this plume indicated that the local oversight agency, Santa Clara Valley Water District (SCVWD) has capped the wells in the vicinity and well pumping which could affect the plume has been ceased.

There were a few underground storage tank (UST) releases identified; the sites are under control of the local oversight agencies and direct confirmation has indicated that the sites are either closed or in final review for closure.

Historical records indicated that the Site Radon levels could be elevated in comparison to the County norm; the Santa Clara County average Radon levels is <2 pCi where the EPA level of concern is >/= 4.0 pCi; historical records indicated that approx.11% of the sites within the are exceeded this level. A Radon screen was implemented as part of this investigation as a result. The Radon air levels as measured by samples taken at the Site indicate levels at or below 0.5 pCi.

Based upon the age and construction of the building, the building was presumed to contain Asbestos containing materials (ACM). As such, an Asbestos survey was requested as part of this investigation. With the exception of the roof materials (not accessible) there was no ACM detected within the structure.

In addition to the aforementioned Asbestos survey, a cursory visual mold investigation was requested; the investigation did indicate that there is some mold remediation needed; said remediation efforts are included herein.

Based upon the age and construction of the building, there exists a concern of lead-based paint existing within the coatings (paint) of the subject building; this is typically not a concern to occupants until the material is disturbed by renovation or wear by friction points. A lead-paint survey is not being recommended at this time, with the understanding that this will remain a concern upon the subject Site.

Based upon the merits of this investigation, outside of the building specific mold and lead-paint assumption, there are no further environmental concerns in regards to the Site. The mold remediation should be conducted in harmony with the title transfer; the lead-based paint investigation can be conducted as part of building renovation.

# 2.0 Executive Summary (continued)

# 2.3 Environmental Report Summary (continued)

Report :	Section	No Further	REC	HREC	Issue/Further	Comments
		Action		100	Investigation	
4.4	Current Use of Property	X				
4.6	Adjoining Property Information	Х				
6.1	Standard Environmental Records	X				
	Sources			1.		.
6.4.1	Historical-Summary	-X				
6.4.6	Other Environmental Reports				X	The Mold
						investigation indicate
						the need fr minimal
						mold remediation.
7.3.1	Hazardous Substances	X		.		
7.3.3	USTs	X				
7.3.4	ASTs	X				
7.3.5	Other Suspect Containers	X				
7.3.6	<b>Equipment Likely to Contain PCBs</b>	X				
7.3.11	Stained Soil/Stressed Vegetation	X				
9.1	Asbestos-Containing Materials					
9.2	Lead-Based Paint				Х	Due to the age and
						construction of the
						building, there is the
						possibility of
						Lead-based paint
						located upon and
						within the structure.
9.3	Radon	X				

## 2.4 Recommendations

Based on information obtained by Benchmark, UPIN, Inc. during the performance of this project, we concluded that the subject Site does not require a Phase II ESA at this time; however, please review the following environmental conditions regarding the subject property:

Due to the age of construction, the building materials located on the Site are presumed to contain Lead-based Paint. All of building materials located at the Site should be surveyed for Lead-Based Paint before demolition, remodeling or disturbance of any building materials. A lead-paint survey is suggested throughout the building.

Mold remediation is needed at various areas within the building; failure to correct the water intrusion sources that lead to the mold amplification, will likely lead to a more severed mold/water related condition; said condition, can lead to further property damage and indoor air quality (IAQ) problems.

Recommended Action	Cost Estimate
Mold remediation as outlined in the Mold Visual Inspection report	\$15,000.00
Lead-based paint investigation	\$1,500.00

# 3:0 Introduction 3.1 Purpose

The purpose of the Phase I Environmental Site Assessment (ESA) was to evaluate the current and historical conditions of the Subject Property in an effort to identify recognized environmental conditions in connection with the Subject Property.

A recognized environmental condition is defined by ASTM as:

# 3.0 Introduction (continued)

# 3.1 Purpose (continued)

Recognized Environmental Condition - The presence of or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies.

The identification of recognized environmental conditions in connection with the subject property may impose an environmental liability on owners or operators of the site, reduce the value of the site, or restrict the use or marketability of the site, and therefore, further investigation may be warranted to evaluate the scope and extent of potential environmental liabilities.

The legal section of Subcommittee E50.02 on Environmental Assessments In Commercial Real Estate Transactions provides the following background to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended including amended by the Superfund Amendments and Reauthorization Act (SARA), 42 USC § 9601 et seq. The background to CERCLA, commonly known as the Superfund law, outlines the potential liability for the cleanup of hazardous substances, available defenses to such liability, appropriate inquiry under Superfund, statutory definition of hazardous substances, petroleum products and petroleum exclusion to CERCLA, and reasons why certain environmental-hazards are excluded from the scope of Superfund and this practice and Practice E 1528 (Transaction Screen only)[1].

[1] ASTM E 1527-00; Appendix X1; Legal Background To Federal Law And The Practices On Environmental Assessments In Commercial Real Estate Transactions

# 3.2 Scope of Work

The Phase I ESA conducted at the Subject Property was in general accordance with ASTM Standard E 1527-05 and included the following:

- Review of previous environmental site assessments;
- Records review;
- Interviews with regulatory officials and personnel associated with the subject and adjoining properties;
- A site visit; and
- Evaluation of information and preparation of the report provided herein.

Typically, a Phase I ESA does not include sampling or testing of air, soil, groundwater, surface water, or building materials. These activities would be carried out in a Phase II ESA, if required. For this Phase I ESA, no additions to the ASTM E 1527-05 standard were made with the exception of the following:

- 1) An ACM survey was conducted upon the bulk of the building; the roofing materials were inaccessible and not assessed. The report of the ACM survey is contained herein.
- 2) A visual mold investigation was conducted within the interior of the building; the report of the mold investigation is contained herein.
- 3) A radon air screen was also requested to be part of this investigation.

# 3.3 Significant Assumptions

It is assumed that this investigation is being conducted to identify recognized environmental conditions concerning the subject property, and to permit the user to satisfy one of the requirements to qualify for the innocent landowner defense to CERCLA liability. This investigation may mention but does not fully address non-scope considerations such as, but not limited to, asbestos containing materials (ACM), radon, lead-based paint (LBP), lead in drinking water, mold, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, and/or high voltage power lines, although, one or more may be mentioned in the report as a business environmental risk concern.

# 3.0 Introduction (continued)

#### 3.4 Limitations and Exceptions

Along with all of the limitations set forth in various sections of the ASTM E 1527-05 protocol, the accuracy and completeness of this report may be limited by the following:

Access Limitations - The roof area was inaccessible at the time of the assessments.

Physical Obstructions to Observations - None

Outstanding Information Requests - None

Historical Data Source Failure - None

Other - None

It should be noted that this assessment did not include a review or audit of operational environmental compliance issues, or of any environmental management systems (EMS) that may exist on the property. Where required, the documents listed in Appendices A and E were used as reference material for the completion of the Phase I ESA. Some of the information presented in this report was provided through existing documents and interviews. Although attempts were made, whenever possible, to obtain a minimum of two confirmatory sources of information, BENCHMARK ENVIRONMENTAL ENGINEERING in certain instances has been required to assume that the information provided is accurate.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted engineering and scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgment of BENCHMARK ENVIRONMENTAL ENGINEERING based on the data obtained from the work. Due to the nature of investigation and the limited data available, BENCHMARK ENVIRONMENTAL ENGINEERING cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be construed as legal advice.

Should additional information become available which differs significantly from our understanding of conditions presented in this report, we request that this information be brought to our attention so that we may reassess the conclusions provided herein.

# 3.5 Deviations

No deviations from the recommended scope of ASTM Standard E 1527-05 were performed as part of this Phase I ESA with the exception of any additions noted in Detailed Scope of Services; an asbestos containing building materials survey, a Radon gas screen and a limited mold investigation was added to this investigation.

## 3.6 Special Terms and Conditions

Authorization to perform this assessment was given by the client Fred Isaia on 06/17/09. Instructions as to the location of the property, access, and an explanation of the property and facilities to be assessed were provided by Fred Isaia of Permian Builders, Inc and Boyd Smith of NAIBT Commercial. All information was presumed to be correct and accurate as presented.

The findings of BENCHMARK's assessment are based on observations of existing conditions at the Site and surrounding areas by qualified personnel at the time of our Site visit. This assessment was conducted on behalf of, and for the exclusive use of the Client, identified herein, and is intended solely as a Phase I Environmental Site Assessment of the subject Site.

#### 3.7 Reliance

This report has been prepared for the sole benefit of the client. The report may not be relied upon by any other person or entity without the express written consent of Benchmark UPIN Inc. and the client with the following exceptions(s): None.

#### 4.0 Site Description

#### 4.1 Location and Legal Description

# TARGET PROPERTY INFORMATION ADDRESS:

There are no unusual entries that bear further inquiry in relation to the location or legal title search. The following information is provided:

#### ADDRESS:

COMMERCIAL PROPERTY 127 1ST STREET LOS ALTOS, CA 94022 RESEARCH SOURCE

Source 1: Santa Clara Assessor Santa Clara County, California Source 2: Santa Clara Recorder Santa Clara County, California

#### PROPERTY INFORMATION:

Deed 1:

Type of Deed: Corporation Grant Deed

Title is vested in: Intellicom, Inc. as to an undivided 2/3 interest and Enterprises Estate, Inc. as to an undivided 1/3

interest

Title received from: Intellcom, Inc. Deed Dated: August 20, 2004 Deed Recorded: January 18, 2005

Instrument: 18192910

Legal Description: Lot 25, Block 14, Santa Clara County, California.

Property Identifiers: 167-39-045

**ENVIRONMENTAL LIEN:** 

**Environmental Lien: Not Found** 

# OTHER ACTIVITY AND USE LIMITATIONS (AULs):

Other AUL's: Not Found

Deed information is located in Appendix F contained at the end of this report.

## 4.2 Activity/Use Limitations

There were no environmental liens found for the subject Site. There were no activity and use limitations (ALU's) found for the subject Site. The City of **Los Altos** has provided the following zoning restrictions:

127 1st Street- Lot zoned as a CS - Commercial service/retail property.

There are no unusual operations in contraband to the zoning requirements observed. The environmental lien search report indicated that there was no activity use limitations (AUL's) reported.

# 4.0 Site Description (continued)

# 4.3 Site and Vicinity Description

The property Site is bounded by 1st Street to the southwest of the parcel, Parcels 167-39-44 & 167-39-126 on either side, and an alley for tract 8724 to the northeast which is multi-family housing.

The building located upon the site consists of a two story restaurant with sub grade parking and vertical transportation. The Site ground surface is sloped to the rear (northeast to alleyway). The entire Site is covered with either the building pads, asphalt or concrete drives. Ample surface drainage is provided the Site.

The property does lie within a 500 year FEMA Federal flood zone; there are no adjacent National Wetlands. There are no records to indicate that the property is within close proximity of any coal sites. The street directly in front of the Site is considered a moderate use city thoroughfare into and out of the downtown area. There are no major railways or high tension electrical lines within ½ miles of the Site.

The predominant use of the immediate neighborhood is primarily commercial/retail and multi-family residential units. There are no heavy industrial or coal sites surrounding the property. The adjoining and surrounding sites usage is commensurate to that of the subject Site. The adjoining sites are operating as retail and service commercial operations, to include safe-deposit boxes, grocery operations, automotive repair, floor covering and retail.

#### 4.4 Current Use of Property

The subject property is currently occupied by Z Castle Gallery

The primary use associated with these businesses and occupant is retail/commercial operations (furniture and antique resale)which are producing "de minimus" levels of contaminants and are commensurate with the surrounding areas.

According to the City of Los Altos, the parcel is zoned as a commercial service (CS). The operations occurring at the Site are in keeping with the zoning limitations. There are no current operations occurring upon the Site that would suggest a concern for environmental liability.

# 4.5 Description of Structures and Other Improvements

The building on the property are of cinder block foundation and balloon Douglas fir wood framing construction, and have the following interior square footage: 7,000. The roof is constructed of flat asphalt roll with equipment secured at utility farms.

The interior of the building has been originally set-up as a restaurant with a lower galley/kitchen which is still in place; the upper floors and which were originally intended to be segregated private dining halls have been opened to allow for a complete display type environment. The interior areas are clearly staged for furniture and antique materials resale.

The City of Sunnyvale supplies drinking water to the Property from the municipal distribution system. Sanitary discharges on the subject site are discharged into the municipal sanitary sewer system. The subject site area is serviced by the City of Los Altos. Electricity is provided to the Property by Pacific Gas & Electric Co. Natural gas is provided by Pacific Gas & Electric Co.

There is a below grade parking are which is filled with product; the automobile access doors appear to be disabled; there is a elevator unit IN full operation providing vertical transportation from the sub area up through the second floor (license to operate appeared to be expired).

There is minimal evidence of water intrusion leading to suspected mold growth at the lower area of the front-most lower area of the stairwell and storage areas from the irrigation/drainage system at the street level above. The age and construction suggests that there may be Asbestos Containing Building materials as part of the structure. Lead-based paint is also suspected.

The over-all condition of the structure appears to be satisfactory and in good condition. There are no overt conditions of the building to suggest and environmental concern.

# 4.0 Site Description (continued)

# 4.5 Description of Structures and Other Improvements (continued)

Size of Property (approximate)	<1acre
General Topography of Property	General North
Adjoining and/or Access/Egress Roads	There is an access alley to the rear which is shared as a partial egress to the multifamily complex and the adjoining businesses for rear access. The primary access is the main street thoroughfare (1st Street) to the front.
Paved or Concrete Areas (including parking)	There is a concrete sub-grade parking area beneath the building; access to the sub-grade parking is via an asphalt-alley-to-th-rear. There is a passenger pull-out-to-the-front-of-the property.
Unimproved Areas	All areas are improved
Landscaped Areas	There are planter located at the front courtyard.
Surface Water	There is minimal surface water runoff areas
Potable Water Source	Municipal source reportedly supplied by city wells located in Sunnyvale.
Sanitary Sewer Utility	City of Los Altos
Storm Sewer Utility	City of Los Altos
Electrical Utility	Pacific Gas & Electric Co
Natural Gas Utility	Pacific Gas & Electric Co.

Building Name	None
Number of Floors	2
Total Square Feet of Space (approximate)	7000
Construction Completion Date (year)	Pre-1980
Construction Type	Cinder block foundation and wood Douglas fir platform framing
Interior Finishes Description	Drywall; carpeting; ceramic tile, sheet flooring
Exterior Finishes Description	Stucco
Cooling System Type	Closed forced air
Heating System Type	Natural gas fired closed forced air
Emergency Power	None None

#### 4.6 Adjoining Property Information

The operations of the adjoining properties fail to suggest that there is an environmental concern that would impact the subject Site. The adjoining properties operation consists of residential multi-family housing to the rear, banking to the northeast and flooring and automotive to the southwest.

The critical business operations which could impact the subject Site is the automotive repair shop located at 139 1st Street; however this business has been operating for over 20 years without liens or violations, as a matter of fact, the business is Clean Bay Certified (tm).

The rear of the Site is bounded by multi-family housing; the front is bounded by 1st street and commercial/retail operations of no consequence to the subject Site.

Direction From Site	Occupant	Use	Comments
Northwest	121 - Los Altos Vault & Safe	Safekeeping of Valuables &	No Environmental Concerns
la transfer de la companya de la com		Safe Boxes	
Northwest	101 - Los Altos Mail Office	Stationary, mail supplies,	No Environmental Concerns
1		mail boxes	
Southeast	129 - Stylers Floor Covering	Retail	No Environmental Concerns
Southeast	139 - California Automotive	Automobile Service - Low	No Environmental Concerns
		Volume	

# 5.0 User Provided Information

#### 5.1 Specialized Knowledge

No specialized knowledge in connection with the subject property or facility operations was identified by the user/client. Benchmark's only knowledge of the subject Site is contained herein.

#### 5.2 Valuation Reduction for Environmental Issues

No environmental issues were identified by the user/client that could result in property value reduction. This assessment does not include controlled or regulated building materials that may require specialized handling, such as asbestos containing materials or lead-based paint. All persons having direct and detailed knowledge of the Site (Owner) and long term adjoining properties indicated acceptable information and indicated that the site is being sold based upon fair market value.

# 5.3 Owner, Property Manager, and Occupant Information

It was reported, that the subject Site is undergoing refinancing for unknown purposes. An interview was conducted with Mike Shakier (sp) the reported owner of the property for at least 5 years. There were no known environmental concerns or past violations reported. Said interview questionnaire is included in the Appendices. The title owner appears to be vested in Intellcom, 2/3 interest and Enterprise Estate, 1/3 interest.

The property is currently occupied by Z Castle Gallery (interior furnishings). The occupant and business operations have minimal to no environmental impact onto the Site. The Site was, and is, set up to be used as a restaurant facility (there were 20-30 5 gal propane tanks located in the basement); the restaurant operations, if they commence, should not provide environmental concerns onto the Site.

An attempt was made to interview Boyd Smith (NAIBT Commercial) and Mike Costa (NAIBT Commercial), the reported representatives and agents of the seller; however, they chose not to participate in the investigative process. We were directed to interview the owner directly. Said interview is contained herein.

#### 5.4 Reason For Performing Phase I

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E 1527-05) in connection with the Property Benchmark Environmental Engineering understands that the findings of this study will be used to evaluate a pending financial transaction in connection with the Property. The Phase I ESA is being conducted as part of environmental due diligence prior to property transfer or refinancing.

# 6.0 Records Review

#### 6.1 Standard Environmental Records Sources

Benchmark UPIN Inc. contracted Environmental Data Resources, Inc. (EDR) to conduct a search of Federal and State databases containing known and suspected sites of environmental contamination. The number of listed sites identified within the approximate minimum search distance (AMSD) from the Federal and State environmental records database listings specified in ASTM Standard E 1527-05 are summarized in the following table. Detailed information for sites identified within the AMSDs is provided below, along with an opinion about the significance of the listing to the analysis of recognized environmental conditions in connection with the subject property. Copies of the EDR research data and a description of the databases are included in Appendix F of this report.

Although the number of hits in the radius search was quite extensive, the bulk of the files were either closed (no further action), notifications of waste generation or small controlled releases.

The two sites which were of concern to the subject Site were the Cheveron #9-5215 site and the Hillview-Eleanor plume; upon research, the Cheveron #9-5215 site has been, or is in final clean-up clearance. This was confirmed by the SCCDEH.

# 6.1 Standard Environmental Records Sources (continued)

The remaining site (area) of concern is the Hillview-Eleanor Area Plume. Said area is concerned with the solvent Carbon Tetrachloride, which is a strong solvent. The investigative trail ends in 1992 where the site was attempted to be listed as a NPL. The application as a NPL was rejected by the Federal Government. All public wells in the area were affectively closed to avoid human health exposure and vertical transportation. The groundwater of the area was delineated as predominantly NE in direction which is away from the subject Site. Based upon the information and location away from the Site available at this time, there appears little likelihood that the Site will be affected.

Database List	Subject Property Listings	Total Number of Listings	Environmental Concern Posed to the Subject Property
Federal NPL Sites (< 1 mile)	N	0	None
Federal CERCLIS Sites (< 0.5 mile)	N	1	None
Federal CERCLIS NFRAP Sites (Property & Adjoining)	N	0	None
RCRA CORRACTS Sites (< 1 mile)	N	0	None
RCRA TSD Facilities (< 0.5 mile)	N	0	None
RCRA SQG (Target & Adjacent)	N	2	None
RCRA LQG (Target & Adjacent)	N	1	None
Federal ERNS Sites (Target Property Only)	 N	0	None
State HW Sites (< 1 mile)	N	0	None
State CERCLIS Sites (< 0.5 mile)	N	1	None
Landfill/SW Disposal Sites (< 0.5 mile)	N	0	None
LUST Sites (< 0.5 mile)	N	11	Minimal
UST/AST Sites (Property & Adjacent)	N	. 0	None

Site Name:

CAL WEST LTD

Databases:

HAZNET

Address:

127 1ST ST

Distance:

0

Direction: Elevation:

Same

Comments:

Asbestos waste; proper disposal

Site Name:

GERARD HOMES, INC

Databases: Address:

HIST UST

Distance:

141 1ST ST

Direction:

0.011

Elevation:

SE

0-----

Same

Comments:

2000 gal gasoline tank; there is no evidence that the tank still exists; 1998 EPA required that all unused UST be closed, removed or filled-in; there is no evidence that a tank exists upon the property.

Site Name:

L. E. E. ASSOC.

Databases:

HIST UST

Address: Distance:

101-111 FIRST ST.

Direction:

0.023

Elevation:

NNW Same

Comments:

1000 gallons of premium gasoline; there is no evidence that the tank still exists; 1998 EPA required that all unused UST be

closed, removed or filled-in; there is no evidence that a tank exists upon the property

Site Name:

NIELSONS MARTINIZING DRY CLEANERS

Databases:

FINDS, RCRA-SQG, DRYCLEANERS, HAZNET

Address:

230 1ST STREET

Distance:

0.129

Direction: Elevation: SE High

2009-07-17

29

# 6.1 Standard Environmental Records Sources (continued)

Comments:

Small quantity waste generator; Halogenated solvents to include Perchloroethylene; no spills or releases; last entry 1987; all

waste recored to recyclers.

Site Name:

WOLF CAMERA NO RITZ CAMERA CENTERS INC

Databases:

RCRA-LQG, HAZNET

Address:

398 MAIN STREET

-Distance:-

-0-164-

Direction:

SE

Elevation:

High

Comments:

Large quantity generator of photographic waste; no violations; waste to recyclers.

Site Name:

CHEVRON #9-1875

Databases:

HIST CORTESE, HAZNET, SWEEPS UST, HIST LUST SANTA CLARA, LUST

Address:

401 MAIN ST

Distance:

0.164

Direction:

SE

Elevation:

High

Comments:

Gasoline station; leaking underground storage tanks have been cleaned-up; waste generator of automobile fluids to recyclers;

current UST are registered.

Site Name:

WALGREENS NO 7088

Databases:

RCRA-SQG, HAZNET

Address:

303 2ND ST

Distance:

0.212 SE

Direction: Elevation:

High

Comments:

Small quantity generator of photographic waste to recyclers.

Site Name:

SHELL (FORMER)

Databases:

HIST CORTESE, HIST LUST SANTA CLARA, LUST

Address:

45 MAIN ST

Distance: Direction:

0.269 ENE

Elevation:

Low

Cievation.

Low

Comments:

Down gradient if concerns exist; clean-up completed.

Site Name:

HON RESIDENCE

Databases:

SWEEPS UST, HIST LUST SANTA CLARA, LUST

Address:

386 UNIVERSITY AVE

Distance:

0.286

Direction: Elevation:

SSE

Comments:

High Leaking underground storage tank - fuel oil; clean-up and closure 1995.

Comments.

UNOCAL #5957

Site Name: Databases:

HIST LUST SANTA CLARA, LUST

Address:

330 S SAN ANTONIO RD

Distance: Direction:

0.342

Elevation:

SE

Comments:

Site clean-up active for gasoline - MTBE; site under final closure; final clearance underway by SCCDEH (Susan Mazzio); no

further action expected.

#### 6.1 Standard Environmental Records Sources (continued)

Site Name:

PACIFIC BELL

Databases:

FINDS, RCRA-SQG, HIST CORTESE, HAZNET, HIST UST, FID, SWEEPS UST, HIST LUST SANTA CLARA, LUST

Address:

61 N SAN ANTONIO RD

Distance:

0.348

Direction:

ENE

Elevation:

Low

Comments:

Business-use-generator-of-Asbestos-as-a-large-generator; organic residue-10% (PCB'S)-& Auto-fuel; All-disposal-acceptable; all-

residue and clean-up acceptable.

Site Name:

VILLA ANGELA RESIDENCE

Databases:

HIST CORTESE, HIST LUST SANTA CLARA, LUST

Address:

11 ANGELA DR

Distance:

0.384

Direction:

NE

Elevation:

Low

Comments:

Kerosene leaking underground tank; closed

Site Name:

PEERS ESTATE

Databases:

HIST CORTESE, HAZNET, HIST LUST SANTA CLARA, LUST

Address:

13721 ROBLEDA RD

Distance:

0.407

Direction:

WSW High

Elevation: Comments:

Leaking underground storage tank as gasoline; all oversight and clean-up activities are closed.

Site Name:

HILLVIEW MAINTENANCE YARD

Databases:

CERCLIS, FINDS

Address:

ADJ TO 97 HILLVIEW AVE, NRBY DRY CLEANER

Distance:

0.412

Direction:

East

Elevation:

Low

Comments:

Combined to same as HILLVIEW - ELENOR AREA PLUME.

Site Name:

HILLVIEW - ELEANOR AREA PLUME

Databases:

RESPONSE, ENVIROSTOR, CORTESE, HIST CALSITES

Address: Distance: BTW HILLVIEW;ELEANOR AVE / SAN ANTONIO R

Direction:

0.414

Elevation:

East Low

Comments:

This site is by far the most concern to the subject Site; There has been attempts to get the site listed as a NPL; all wells in the are have been closed to remove vertical translation via water; Plume abandoned by oversight agencies having not obtained NPL

status in 1992; the GW flow directional is away from the Site so long as well activity is not changed.

# 6.2 Additional Environmental Record Sources

Records from the **NAME** County Department of Environmental Heath concerning the oversight of the site located at **ADDRESS** Street. Copies of the final documents are included in Appendix F of this report.

#### 6.3 Physical Setting Sources

Physical Setting Source GeoCheck is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

# 6.3 Physical Setting Sources (continued)

Assessment of the impact of contaminant migration generally has two principle 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.

The general topographical gradient is **General North.** Based upon the Site setting and surrounding areas and business operations, there is little liklihood that contamination would be brought to the subject Site. The grownwater flow typicall anticipated should direct the susurface contamination away from the subject Site.

#### **USGS Topographic Maps**

Date:	1999			<del></del>			
Quad ID:	37122-D1	-					
Ft. Above MSL:	191				 		-
Latitude:	37.379999						
Longitude:	-122.119053						
Anticipated GW Flow D	irection:	NE					
Distance to SW Bodies		>1 mile					
Site Land Use:			60				
Finished site for commer	cial use.					sm. as a superior control of the con	
Adjoining Properties La	ind Use:		2.2				
Finished site for commer	cial use.						

#### USGS / Other Surficial Geology

Date:

1994

Source:

**USGS Digital Data Series** 

Findings:

Gradient is General North

#### USGS / Other Bedrock Maps

Date:

1994

Source:

USGS

Findings:

Depth to bedrock is >10"; the soil category is Stratified Sequence; Era: Cenozoic; System: Tertiary; Series: Miocene; Urban

Land - Not Hydric Soil

#### Soil Conservation Service Soil Map

Date:

1994

Source:

Soil Conservation Service STATSGO

Soil Description:

Soil is described at gravelly -loam and clay at surface; gravelly -loam and clay at surficial; clay loam and clay at shallow;

unweathered bedrock at deep levels.

# USGS / Other GW Maps

Date:

1995

Source:

USGS National Water Inventory System's

Findings:

NE on a regional basis, with local flow based upon pumping.

#### 6.3.1 Topography

ASTM E 1528-7.3.4.5 USGS 7.5 Minute Topographic Maps: The term USGS 7.5 Minute Topographic Maps means the map (if any) available from or produced by the United States Geological Survey, entitled "USGS 7.5 minute topographic map," and showing the property. Such maps are often available from government agencies or private collections unique to a local area.

# 6.3 Physical Setting Sources (continued)

# 6.3.1 Topography (continued)

The available map information for the site under assessment is outlined in the attached illustrations. There are no unusual documents that would bear further investigation identified. Map coverage reviewed for the subject Site was available for the years of 1899, 1902, 1943, 1947, 1948, 1953, 1961, 1968, 1973, 1991 & 1997.

#### 6.3.2 Surface Water Bodies

There are no significant water bodies within close proximity to the subject. The USGS does include the Site in the FEMA 500 year flood zone. The subsurface water flow would be a more significant indicator of past, present, and future Site contamination.

# 6.3.3 Geology and Hydrology

Some geological/hydrology information details are included below The full assessment is included in the Appendices. The primary surface/subsurface information that is germane to the subject Site, is the perceived groundwater flow direction. The perceived groundwater flow direction is described as northeast as a general area. This is an important factor, in that, there are few properties to the west, and southwest which have or can pose an environmental concern to the subject Site. Beyond the street to the front of the property lies business offices, a grocery store and parking lot, and then Foothill Expressway beyond that. Traveling farther to the west and southwest lies residential housing.

Moreover, the Hillview-Eleanor plume containing Carbon Tetrachloride is located a few miles to the east of the subject site. The general groundwater flow is northeast but can be influenced by pumping; there are no known wells to the southwest of the plume, and the wells nearest the plume have been destroyed. Based upon the information available, said plume and other leaks/discharges under mitigation are not anticipated to affect the subject Site.

#### **TARGET PROPERTY ADDRESS**

COMMERCIAL PROPERTY LOS ALTOS, CA 94022 127 1ST STREET

# **TARGET PROPERTY COORDINATES**

Latitude (North): 37.37980 - 37° 22' 47.3" Longitude (West): 122.1194 - 122° 7' 9.8" Universal Tranverse Mercator: Zone 10

UTM X (Meters): 577963.6 UTM Y (Meters): 4137165.8 Elevation: 191 ft. above sea level

# **USGS TOPOGRAPHIC MAP REFERENCES**

Target Property Map: 37122-D1 MOUNTAIN VIEW, CA

Most Recent Revision: 1999

South Map: 37122-C1 CUPERTINO, CA

Most Recent Revision: 1991

Southwest Map: 37122-C2 MINDEGO HILL, CA

Most Recent Revision: 1999

West Map: 37122-D2 PALO ALTO, CA

Most Recent Revision: 1999

#### TARGET PROPERTY TOPOGRAPHY

#### 6.3 Physical Setting Sources (continued)

6.3.3 Geology and Hydrology (continued)

General Topographic Gradient:

General North

#### Site-Specific Hydrogeological Data:

Search Radius: 1.25 miles

Site Name: Hillview Maintenance Yard Location Relative to TP: 1/4 - 1/2 Mile East Site EPA ID Number: CAD982400202

Groundwater Flow Direction: NE ON A REGIONAL BASIS, WITH LOCAL FLOW CONDITIONS INFLUENCED BY

PUMPING.

Inferred Depth to Water: 100 feet to 120 feet.

Hydraulic Connection: Information is not available about the hydraulic connection between aquifers under the site.

Sole Source Aquifer: No information about a sole source aquifer is available Data Quality: Information is inferred in the CERCLIS investigation report(s)

#### 6.4 Historical Use

#### 6.4.1 Historical Summary

Historical information identifying the past site use was obtained from a variety of sources as detailed in Appendix E of this report and included: city directories, aerial photographs, sanborn fire insurance maps, topographic maps, and tax maps. The Sanborn map coverage was minimal; therefore city directories and aerial photographs. There are no entries or observations in the historical records to suggest an environmental impact of the subject Site. The following briefly describes the Site's history:

The subject Site and surrounding site use have undergone slow progressive growth since the 1930's. The current use of the Site is a commercial/retail building as previously described. Based upon available records, the building was erected by 1974 (building records were unavailable). Aerial photographs taken in 1965 shows the site as vacant land; all prior photographs show the site as vacant undeveloped land. The oldest recognizable building in the immediate block is the Los Altos Vault and Safe building with appears circa 1940.

All surrounding areas remained more or less the same, as far as usage, retail and commercial operations; residential and orchard land, which was predominant in the area, appear to have diminished by the mid 1940's. There are no records to suggest heavy industry (other than lumber yards) operated in the immediate vicinity.

# 6.4.2 Title Records

A Chain of Title Report, an Environmental Lien Report, and a Property Tax Map Report were reviewed as a review of title for the subject Site. There are no unusual entries that would bear further investigation or suggest environmental liability of the Site.

# 6.4 Historical Use (continued)

#### 6.4.2 Title Records (continued)

Information Source	Date	Book/Page	Listed Owner
Public Records, County of Santa	Oct 25, 1907	167 Vol L/39	Instrument 18192910; Intelicom,
Clara			undivided 2/3 interest; Enterprise
			Estate, Inc., undivided 1/3 interest;
		· ·	Recorded 01/07/05

#### 6.4.3 City Directories

City directories have been published for cities and towns across the U.S. since the 1700s. Originally a list of residents, the city directory developed into a sophisticated tool for locating individuals and businesses in a particular urban or suburban area. Twentieth century directories are generally divided into three sections: a business index, a list of resident names and addresses, and a street index. With each address, the directory lists the name of the resident or, if a business is operated from this address, the name and type of business (if unclear from the name). While city directory coverage is comprehensive for major cities, it may be spotty for rural areas and small towns. ASTM E 1527 specifies that a "review of city directories (standard historical sources) at less than approximately five year intervals is not required by this practice." (ASTM E 1527-00, Section 7.3.4, page 12.).

Benchmark, UPIN Inc. reviewed city directories for the subject and adjoining properties provided by EDR Inc. that covered the years 1970 through present. The subject property address was first listed in 1975 as Glass Replacement - Los Altos Glass Company. Other enteries of the Site and some immediate surrounding areas are included in the table below. The bulk of the enteries was confirmed by interviews.

The available information for the site under assessment is outlined in the attached abstract. There are no unusual entries that would bear further investigation listed in the city abstract.

Date	Site Comments	Surrounding Area Comments
1975	Los Alto Glass Co.	145-Pump House (Rest.?); 141- Gerard Homes;
•		139-Casey's Auto Repair; 121- Garden Eqipment
		Clinic; 111- Barret & Assoc.; 110 Office Building
1980	Los Altos Glass; Stained Glass Works	145- Cameos Cobwebs; 141- Gerard Homes
· · · · · · · · · · · · · · · · · · ·		Field Ofc; 139- Casey's Auto Rep.; 121- Garden
		Equipment; 111- Office Building; 110- Qualtic
		Graphic Ctr.
1984	Los Altos Glass; Terra Stone Inc.	145- World of Legends; 141- Gerard Homes
		Sales Ctr; 139- Casey's Auto; 121- Garden
i ·		Equipment; 111- Conference Copy/Kaitek Media/
		Nine Par Co; 110- Qualtic Graphic
1991	Los Altos Glass; Creative Carol; Distictive	145- WR Investments; 141-Gerard
	Interiors; Ladies Nails;Rod Incerpi Const.	Developments; 139- Casey's Auto Repair; 121-
		Garden Equipment; 111 Schwartzman Dist.; 110
		Quatic Graphic Ctr.
1997	Los Altos Glass Co; Burch Investments; EL	145- residential; 141- Gerard Develop Corp;
	Hood Const; House of Treas Rpr; Ladies Nails;	139-CA Automotive Serv; 110- Cornish & Carey
	Languate Sftwre; Lolontino (rest.)	RE/ Ivy Company
2007	Z Castle Gallery	145- Cottage Green; 141- First Street Realty;
		Gerard Developments; 139- California
		Automotive; 111- Bay Area Body Wraps; 110-
		Coldwell Banker; North American Title

#### 6.4.4 Aerial Photos

ASTM E 1527-3.3.3 aerial photographs - photographs taken from an airplane or helicopter (from a low enough altitude to allow identification of development and activities) of areas encompassing the property. Aerial photographs are often available from government agencies or private collections unique to a local area. Area coverage was available for the following years 1939, 1948, 1956, 1965, 1974, 1982, 1993, 1998, & 2005.

#### 6.4 Historical Use (continued)

6.4.4 Aerial Photos (continued)

The available aerial photograph information for the site under assessment is outlined in the attached illustrations. There are no unusual documents that would bear further investigation identified.

#### 6.4.5 Sanborn/Historical Maps

Sanborn Maps are fire insurance archive maps that date back to the late 1800's. These maps are a useful tool for the environmental professional to determine the building and prior use of a target and surrounding properties. Based on client-supplied information, fire insurance maps for the following years were identified: 1926 & 1932.

The available information for the site under assessment is outlined in the attached abstract. There are no unusual entries that would bear further investigation.

#### 6.4.6 Other Environmental Reports

No previous environmental reports were identified by Benchmark UPIN Inc. or made available by the client/user during the Phase I ESA.

#### 6.4.7 Building Department Records

An attempt was made to obtain building and planning permits and other documents from the City of Los Altos. No records concerning the subject Site were reasonably obtainable. There were more than sufficient other sources giving insite into the Site obtained and are contained within this document.

#### 6.4.8 Other Land Use Records

Records from the Sant Clara County Fire Department were reviewed for evidence indicating the presence of underground storage tanks and for the use of hazardous materials. No record was found for the property address. There were no other land use records available.

## 6.5 Environmental Liens and Activity/Use Limitations

No environmental liens or activity/use restrictions in connection with the subject property were identified by the user/client. The Environmental Lien Search Report indicated that there are no liens or use restrictions of the Site.

# 7.0 Site Reconnaissance

# 7.1 Methodology and Limiting Conditions

The site reconnaissance was conducted on July 9th by Bryan K. Buller, Vice President/Engineering with Benchmark UPIN Inc. The inspector was accompanied by Fred Isaia during the site reconnaissance. Boyd Smith of NAIBT was on site representing the seller. Weather conditions at the time of the site reconnaissance were warm and dry. The visual reconnaissance consisted of observing the boundaries of the property and systematically traversing the site to provide an overlapping field of view, wherever possible. The periphery of the on-site structure was observed along with interior accessible common areas, parking areas, storage and equipment areas. Photographs of pertinent site features identified during the site reconnaissance are included in Appendix D. The roof area was not assessed during the investigation.

#### 7.2 General Site Setting

The property consists of approximately <1 acres and is developed with an approximately 7000 square-foot, cinder block and fir framed two story building. The ground surface at the site slopes gently downward to the northeast. Groundcover consists primarily of the building, landscaped green areas as planters to the front, asphalt, and sub area parking. The property is accessed from the front at 1st street and via an entrance from the rear alley.

# 7.0 Site Reconnaissance (continued)

# 7.2 General Site Setting (continued)

The front of the property is 1st street; the side property is 129 first street, a floor covering store, and 121 first street, Los Altos Vault & Safe. The rear of the building is an alley, and an apartment complex beyond that.

Date Developed:	 		
Property Size/Shape: <1acre			

UTILITIES (SERVICE PROVIDED	BY)
Electric	Pacific Gas & Electric Co
Gas:	
Water:	Municipal source reportedly supplied by city wells located in Sunnyvale.
Sewerage:	City of Los Altos

#### Groundcover:

#### Other Site Improvements:

# 7.3 Site Visit Findings

#### 7.3.1 Hazardous Substances

No hazardous substances were identified on the subject property during the site reconnaissance.

#### 7.3.2 Petroleum Products

No petroleum products were identified on the subject property during the site reconnaissance.

#### 7.3.3 USTs

No readily apparent evidence of underground storage tanks (USTs) was identified on the subject property during the site reconnaissance.

#### 7.3.4 ASTs

No readily apparent evidence of aboveground storage tanks (ASTs) was identified on the subject property during the site reconnaissance.

# 7.3.5 Other Suspect Containers

No other suspect containers were identified on the subject property during the site reconnaissance. There were approximately 30 5-gallon propane tanks stored in the basement area; said containers were reportedly used by catering during the restaurant operations.

#### 7.3.6 Equipment Likely to Contain PCBs

There was an elevators that serves the parking to 2nd floor. The system is an 208/240 v hydraulic lift. The reservoir system was inspected and found to be replaced after 2003; this suggests that the fluid would not contain PCB materials. There was ample records on Site to suggest the appropriate inspections and maintenance of said vertical transportation system.

# 7.0 Site Reconnaissance (continued)

# 7.3 Site Visit Findings (continued)

7.3.6 Equipment Likely to Contain PCBs (continued)

There is an electrical transformer located on the rear of the Site (easement); the device falls under the jurisdiction of the power supplier, as such, there is little likelihood that the device contains PCB's.

There are fluorescent light fixtures throughout the structure; as such, all such fixtures should be considered as having PCB containing ballasts until otherwise confirmed.

#### 7.3.7 Interior Staining/Corrosion

No interior staining or corrosion was observed in the subject building during the site reconnaissance.

# 7.3.8 Discharge Features

No discharge features (floor drains, catch basins, oil/water separators, etc.) were observed on the subject property during the site reconnaissance.

#### 7.3.9 Pits, Ponds, And Lagoons

No pits, ponds or lagoons were observed on the subject property during the site reconnaissance.

# 7.3.10 Solid Waste Dumping/Landfills

No readily apparent evidence of solid waste dumping, suspect fill material, or landfills was identified on the subject property during the site reconnaissance.

#### 7.3.11 Stained Soil/Stressed Vegetation

No stained soil or stressed vegetation was observed on the subject property during the site reconnaissance.

# 7.3.12 Wells

No evidence of water supply or groundwater monitoring wells was observed on the subject property during the site reconnaissance.

# 8.0 Interviews

Interviews were conducted of reasonably attainable individuals likely to have pertinent historical information of the subject Site. The following individuals were interviewed in connection with the subject Site:

# 8.0 Interviews (continued)

Role	Title	Name	Company	Method	Comments
Other Interviewee	Business Owner	Alan Pickett	California Automotive	In Person	Confirmed history of Site; gave access to recycling of all materials and view of facility; confirmed that the site is operating
					appropriately with no history of spills or releases.
Local Gov't Official	Environmental Specialist	Lonnie Lee	SCCDEH	Telephone	No environmental issues with Site; directed review to water district website; confirmed no issues with Unocal site.
Local Gov't Official	Environmental Specialist	Gerberto Horeva	SCCDEH	Telephone	No environmental issues with site; referred to other.
Site Contact - Wells	Contact	Elana Brunner	Owner	Attempted	No Contact.
Buyers Agent	Agent for Buyer	Fred Isaia	Permian Builders	Telephone	No known concerns
Owner	Owner	Mike Shakier	Owner	Telephone	No known concerns
Key Site Manager	Agent	Boyd Smith	NAIBT Commercial	Telephone	Refused interview
Key Site Manager	Agent	Mike Costa	Terranomics	Telephone	Refused interview; set-up owner interview.

# 9.0 Other Environmental Considerations

#### 9.1 Asbestos-Containing Materials

Asbestos is the name for a group of naturally occurring silicate minerals that can be separated into fibers. The fibers are strong, durable, and resistant to heat and fire. They are also long, thin and flexible, so they can even be woven into cloth. Because of these qualities, asbestos has been used in thousands of consumer, industrial, maritime, automotive, scientific and building products. During the 20th century, some 30 million tons of asbestos have been used in industrial sites, homes, schools, shipyards and commercial buildings in the United States. Common ACMs include pipe-covering, insulating cement, insulating block, refactory and boiler insulation materials, transite board, fireproofing spray, joint compound, vinyl floor tile, ceiling tile, mastics, roofing products, and duct insulation for HVAC applications. Inhalation of asbestos fibers can result in deleterious health effects.

The subject building was surveyed for ACM (see appendix). There was no ACM located upon or within the building. The roof area was not accessible; therefore, the roofing materials may contain and shall be presumed to contain ACM unless adequately sampled.

# 9.2 Lead-Based Paint

# Presumed Lead Based Paint

Due to the age of construction, all materials shall be presumed to contain lead-based paint unless adequately sampled, and laboratory analysis determines that the material does not contain lead-based paint.

## LBP Precautions During Maintenance or Remodeling

A clearance examination (visual inspection and dust sampling) should follow any activity, repair, remodeling, or renovation effort and any other work efforts that may disturb known or assumed lead-based paint in amounts that are above HUD's de minimis levels. Details concerning lead-safe work practices and acceptable lead-based paint hazard control methods can be found in the HUD "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in

# 9.0 Other Environmental Considerations (continued)

9.2 Lead-Based Paint (continued)

Housing." This document is available from the Web at www.hud.gov/offices/lead. Workers disturbing lead-based paint during maintenance, repair, or rehabilitation activities above HUD's de minimis levels must be trained in lead-safe work practices. For additional information regarding painting, home maintenance, and renovation work reference Lead Paint Safety: Field Guide for Painting, Home Maintenance, and Renovation Work (Source: EPA/CDC). The field guide is available from the HUD web site above, in English and Spanish. Information regarding lead-safe work practices training courses is available at The Lead Listing (www.leadlisting.org) and the HUD Office of Healthy Homes and Lead Hazard Control web site (www.hud.gov/offices/lead) links to "Lead Training" and "Lead Training Gurricula."

Lead-Based Paint Hazard Control Plan

Except in the case of the complete removal of all lead-based paint, ongoing management and maintenance of lead-based paint hazards will be required. The Owner should assign responsibility for managing the various aspects of a lead-based paint hazard control program either to a trained consultant, or he or she should train one of the trusted existing staff members. This program should be described in a lead-based paint hazard control policy statement. The statement should document the Owner's awareness of the lead-based paint hazard problem and his or her intention to control it. The statement should also authorize a specific individual to carry out the lead-based paint hazard control plan.

**OSHA Lead Regulation Summary** 

DOSH 8 CCR 1532.1 (d) (3) Basis of Initial Determination

The basis of initial determination or initial assessment of employee exposure will be employee exposure monitoring results and relevant considerations (e.g. observations, complaints) with the following two exceptions:

- 1. Where the employer has previously monitored for lead exposures, and the data were obtained in the past 12 months during closely similar workplace operations and conditions, the employer may rely on the earlier results; or
- 2. Where the employer has objective data, demonstrating that a particular product or material containing lead or specific process, operation, or activity involving lead cannot result in an employee exposure to lead at or above the AL (action level) during processing, use or handling, the employer may rely upon such data instead of implementing initial monitoring. Objective data confirming that materials or surface coatings contain less than 0.06% (600 parts per million) of lead may be used to demonstrate that employee exposure will not exceed the AL, as long as every unique surface or material has been sampled and analyzed.

The Federal Occupational Safety and Health Administration (OSHA) has enacted an interim lead standard, which was adopted by the Cal/OSHA as 8 CCR 1532.1. The purpose of both standards is to protect construction workers from exposure to lead. OSHA is primarily concerned with activities that disturb lead-containing paints. Lead was used in most paints until the mid 1950's and was banned in amounts in excess of 0.06% by weight in 1978 for most non-industrial paints by the Consumer Product Safety Commission (CPSC).

The new standard requires contractors and employers who perform paint removal activities to monitor their employees to determine whether they are being exposed in excess of the Action Level (AL) of 30 micrograms per cubic meter of air (ug/m3) over an eight-hour time weighted average (TWA) or the Permissible Exposure Limit (PEL) of 50 ug/m3 TWA. Monitoring is performed by personal exposure air sampling in controlled conditions.

Even when concentrations are below the AL, an employer must provide employees with High Efficiency Particulate Air (HEPA) filtered vacuums, wetting agents and hand-washing facilities. If the exposure exceeds the AL or the PEL, other procedures such as containing the area, decontamination facilities and medical monitoring are required.

OSHA has identified several activities that pose varying levels of potential lead exposure to laborers disturbing lead-containing paint. Estimated exposure levels of lead are founded on the activity itself, rather than the concentrations of lead present in paint. Therefore, as an example, paints that contain 0.5% versus 15% of lead by weight or 0.8 mg/cm2 versus 3.5 mg/cm2 of lead in paint could present the same levels of potential exposure to workers depending on the activities that cause the disturbance and the administrative and engineering controls that are followed.

# 9.0 Other Environmental Considerations (continued)

#### 9.3 Radon

Radon gas is a product of the decay series that begins with uranium. Radon is produced directly from radium, which can be commonly found in bedrock that contains black shale and/or granite. Radon gas can migrate through the ground and enter buildings through porous concrete or fractures. Radon tends to accumulate in poorly ventilated basements. Long-term exposure to radon has been associated with lung cancer.

#### AREA RADON INFORMATION

State Database: CA Radon

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 : Zone 3 indoor average level < 2 pCi/L.

The EPA minimum action level for Radon is 4 pCi/L

The records specific for the Site suggested that testing of 19 local areas indicated that approximately 11% of the sites tested indicated Radon levels > 4 pCi/L; as such, a radon screen was requested as part of this investigation:

An initial walk through was conducted to determine the locations appropriate for sample collection. Following the walk through, the inspector unsealed and removed the caps from two (2) test canisters and left them undisturbed for a period of approx. 72 hours prior to retrieval. Upon retrieval, the canisters were sealed, labeled, and shipped to AccuStar Labs (approved and accredited Laboratory).

Laboratory results indicated an average Radon level at 0.5 pCi/L. Results are below the EPA action level of 4pCi/L. No further action is required at this time. Laboratory Results are attached in the appendix.

#### 9.4 Wetlands

There are no significant bodies of water within 1-mile of the subject Site.

# 9.5 Microbial Contamination (Mold)

# Mold Discussion:

Molds are part of the natural environment. Outdoors, molds play a part in nature by breaking down dead organic matter such as fallen leaves and dead trees; but indoors, mold growth should be avoided. Molds reproduce by means of tiny spores; the spores are invisible to the naked eye and float through outdoor and indoor air. Mold may begin growing indoors when mold spores land on moist or wet surfaces. There are many types of mold; all require some level of moisture to grow.

Molds are usually not a problem indoors unless mold spores land on a wet or damp surface and begin growing. Molds have the potential to cause health problems. Molds produce allergens (substances that can cause allergic reactions), irritants, and in some cases, potentially toxic substances (mycotoxins). Inhaling or touching mold or mold spores may cause allergic reactions in sensitive individuals. Allergic responses include hay fever-type symptoms such as sneezing, runny nose, red eyes, and skin rash (dermatitis). Allergic reactions to mold are common; they can be immediate or delayed. Molds can also cause asthma attacks in people with asthma who are allergic to mold. In addition, mold exposure can irritate the eyes, skin, nose, throat, and lungs of both mold-allergic and non-allergic people. Symptoms other than the allergic and irritant types are not commonly reported as a result of inhaling mold. Research on mold and health effects is ongoing[1].

[1] Provided by the Environmental Protection Agency; A Brief Guide to Mold, Moisture and Your Home, September 2002

# 9.0 Other Environmental Considerations (continued)

# 9.5 Microbial Contamination (Mold) (continued)

As part of this assessment, a visual mold instigation was requested. The investigation revealed the need for remediation efforts at selected various area throughout the building. The mold related damage appeared to be normally occurring damage (still in need of remediation) of a building of this age and construction. The following areas are in need of remediation. A full report is contained within the Appendices:

# Basement Level - Dry Storage Area and Freezer Area

- Disengage the sink at wall # 4 to access the wall system
- Remove wallboard on wall #4 from the floor towards the ceiling 4-feet and 2-feet to either side of the water sink due to elevated moisture levels, and damage/discoloration. This is approximately 8-square feet of material
- Disengage the light fixture to access water stained/discolored ceiling area
- Remove the ceiling sheetrock material 8-feet from wall #1 towards the freezer area, and from the doorframe towards wall #2 due to damage/discoloration, and/or mold growth. This is approximately 64 square feet of material

#### Basement Level - Stairwell

Remove the sheetrock material from the rear of the first step (area underneath the stairwell leading to the 1st level) due to elevated moisture levels, and damage/discoloration. This is approximately 4 square feet of material.

# Second Level - Wine Storage Area

- Remove the ceiling sheetrock material 2-feet out from both ceiling exhaust/vents in every direction due to elevated moisture levels, and damage/discoloration. This is approximately 4 square feet of material
- The carpeting should undergo a thorough cleaning in order to remove the water stain

# Second Level - Men's Bathroom Area

Removal of the floor tile is NOT being recommended at this time. Attempt to dry down

#### General

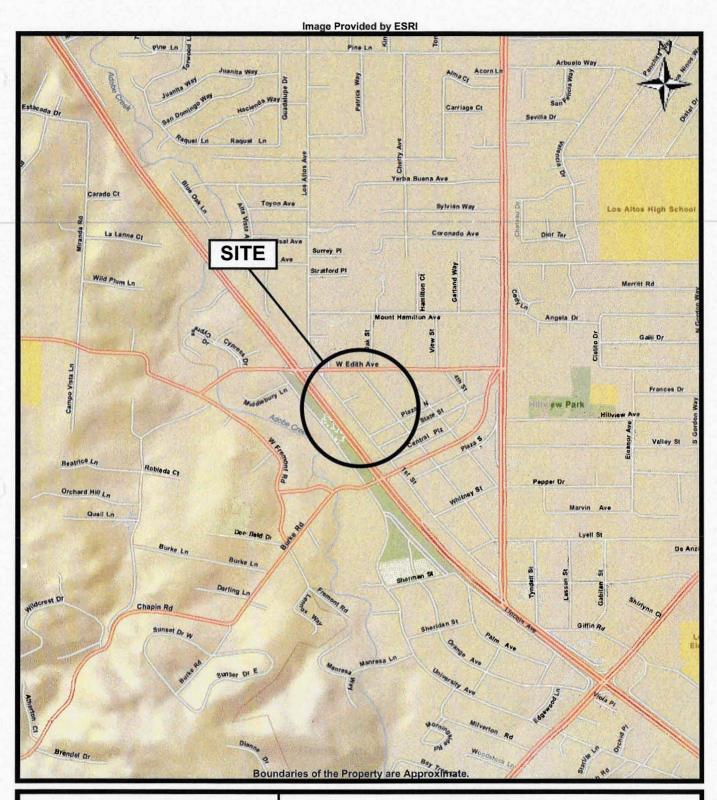
- Remove and discard wall/ceiling insulation, if present.
- If additional discoloration or suspected mold growth is identified following the recommended removal of the finishing materials, contact Benchmark immediately for evaluation and changes to the scope of work as needed.
- [1] United States Environmental Protection Agency, Office of Air and Radiation. *Mold Remediation in Schools and Commercial Buildings*. Publication EPA 402K-01-001 (2001)
- [2] Institute of Inspection, Cleaning and Restoration Certification. Standard IICRC S520, Standard Reference Guide for Professional Mold Remediation
- [3] CCR Title 8 § 1531 Respiratory Protection.

### 9.6 Client-Specific Items

There are no client-specific items entered for the Site.

Appendix A:

**Figures** 





SITE LOCATION MAP
Z Castle Gallery
127 1st Street
Los Altos, CA 94022-2706

PREPARED FOR: Benchmark Environmental, Inc.

PROJ. MGR:

DRAWN BY: Bryan Buller

DATE: 07/26/2009 PROJ. #: E09-581-PES





SITE LOCATION MAP
Z Castle Gallery
127 1st Street
Los Altos, CA 94022-2706

PREPARED FOR: Benchmark Environmental, Inc.

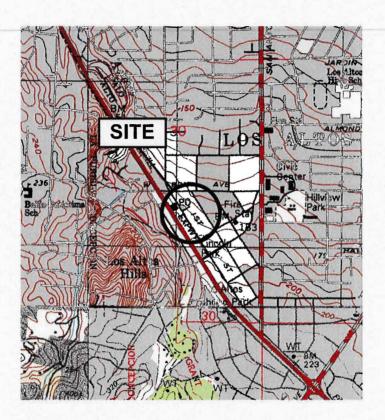
PROJ. MGR:

DATE: 07/26/2009

DRAWN BY: Bryan Buller

PROJ. #: E09-581-PE\$





Boundaries of the Property are Approximate.



SITE LOCATION MAP
Z Castle Gallery
127 1st Street
Los Altos, CA 94022-2706

PREPARED FOR: Benchmark Environmental, Inc.

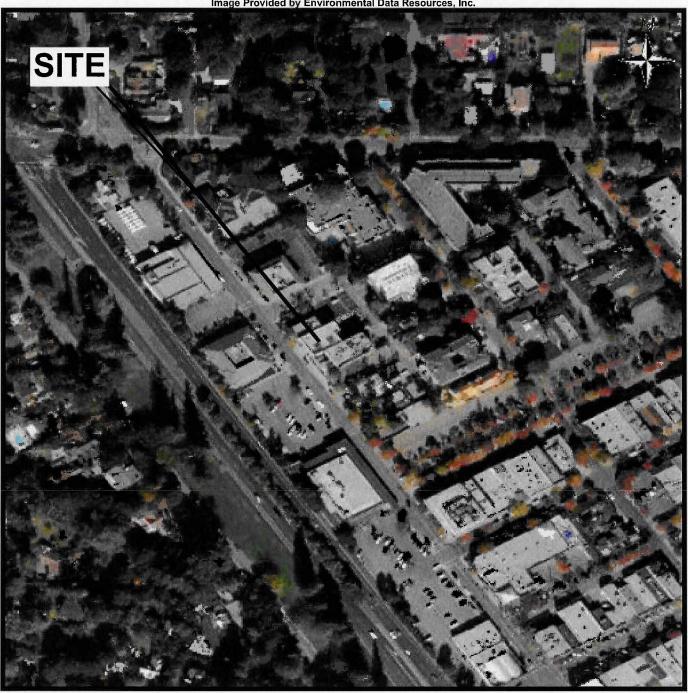
PROJ. MGR:

DRAWN BY: Bryan Buller

DATE: 07/26/2009

PROJ. #: E09-581-PES

Image Provided by Environmental Data Resources, Inc.





SITE LOCATION MAP Z Castle Gallery 127 1st Street Los Altos, CA

PREPARED FOR: Benchmark Environmental, Inc.

PROJ. MGR:

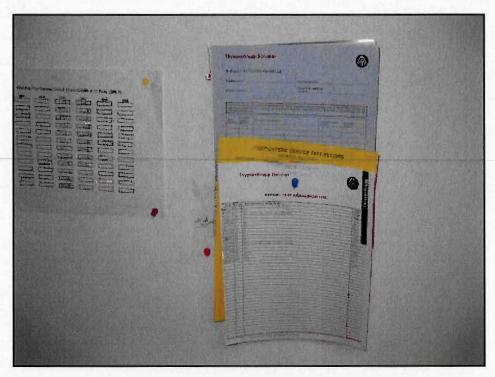
DATE: 07/26/2009

DRAWN BY: Bryan Buller

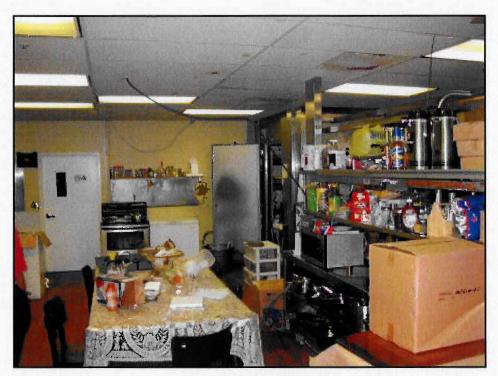
PROJ. #: E09-581-PES-AS J-MIV

**Appendix B:** 

**Photographs** 



E09-581; Evidence of Elevator Compliance



E09-581; Interior area, restaurant galley.



E09-581; Enterance of elevator at first floor.



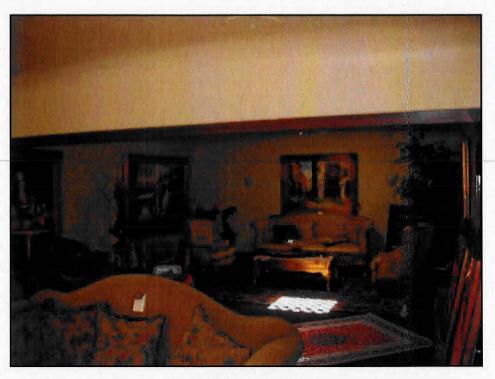
E09-581; PG & E Transformer to rear of subject.



E09-581; General Interior



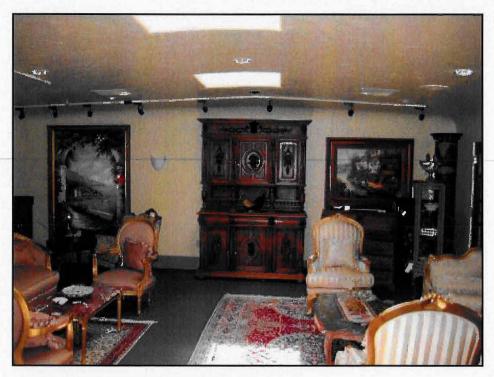
E09-581; General Interior



E09-581; General Interior



E09-581; General Interior.



E09-581; General Interior



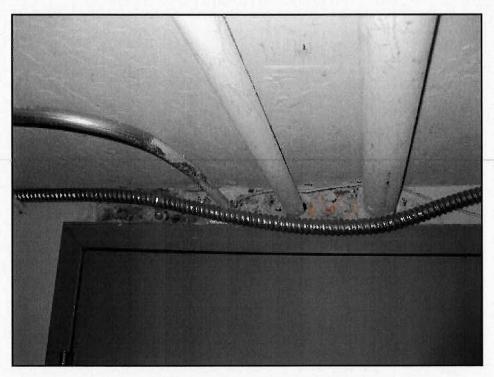
E09-581; Parking Garage



E09-581; Mold/water intrusion at basement area.



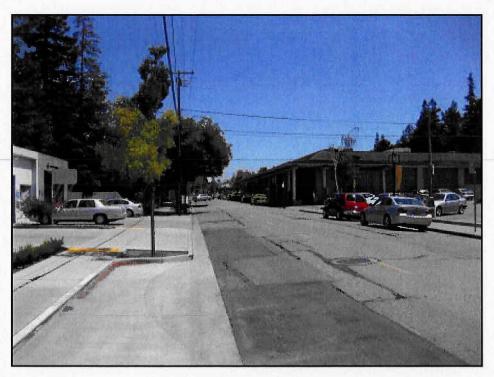
E09-581; Mold/water intrusion at basement area.



E09-581; Mold/water intrusion at basement/storage area



E09-581; electrical service



E09-581; southeast view down 1st street



E09-581; northwest view up street.



E09-581; Front view of Site



E09-581; Adjoining property to southeast (right)



E09-581; adjoining property to the northwest (left)



E09-581; rear view of property



E09-581; propane tank storage

# Appendix C:

**Historical Research** 

# **Commercial Property**

127 1st Street Los Atos, CA 94022

Inquiry-Number: 2532358.6 July 07, 2009

# The EDR-City Directory Abstract



440 Wheelers Farms Road Milford, CT 06461 800.352.0050 www.edmet.com

#### TABLE OF CONTENTS

#### **SECTION**

**Executive Summary** 

**Findings** 

Thank you for your business.
Please contact EDR at 1-800-352-0050 with any questions or comments.

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#### 2009 Enhancements to EDR City Directory Abstract

New for 2009, the EDR City Directory Abstract has been enhanced with additional information and features. These enhancements will make your city directory research process more efficient, flexible, and insightful than ever before. The enhancements will improve the options for selecting adjoining properties, and will speed up your review of the report.

**City Directory Report.** Three important enhancements have been made to the EDR City Directory Abstract:

- 1. Executive Summary. The report begins with an Executive Summary that lists the sources consulted in the preparation of the report. Where available, a parcel map is also provided within the report, showing the locations of properties researched.
- 2. Page Images. Where available, the actual page source images will be included in the Appendix, so that you can review them for information that may provide additional insight. EDR has copyright permission to include these images.
- 3. Findings Listed by Location. Another useful enhancement is that findings are now grouped by address. This will significantly reduce the time you need to review your abstracts. Findings are provided under each property address, listed in reverse chronological order and referencing the source for each entry.

**Options for Selecting Adjoining Properties.** Ensuring that the right adjoining property addresses are searched is one of the biggest challenges that environmental professionals face when conducting city directory historical research. EDR's new enhancements make it easier for you to meet this challenge. Now, when you place an order for the EDR City Directory Abstract, you have the following choices for determining which addresses should be researched.

- 1. You Select Addresses and EDR Selects Addresses. Use the "Add Another Address" feature to specify the addresses you want researched. Your selections will be supplemented by addresses selected by EDR researchers using our established research methods. Where available, a digital map will be shown, indicating property lines overlaid on a color aerial photo and their corresponding addresses. Simply use the address list below the map to check off which properties shown on the map you want to include. You may also select other addresses using the "Add Another Address" feature at the bottom of the list.
- 2. EDR Selects Addresses. Choose this method if you want EDR's researchers to select the addresses to be researched for you, using our established research methods.
- 3. You Select Addresses. Use this method for research based solely on the addresses you select or enter into the system.
- 4. Hold City Directory Research Option. If you choose to select your own adjoining addresses, you may pause production of your EDR City Directory Abstract report until you have had a chance to look at your other EDR reports and sources. Sources for property addresses include: your Certified Sanborn Map Report may show you the location of property addresses; the new EDR Property Tax Map Report may show the location of property addresses; and your field research can supplement these sources with additional address information. To use this capability, simply click "Hold City Directory research" box under "Other Options" at the bottom of the page. Once you have determined what addresses you want researched, go to your EDR Order Status page, select the EDR City Directory Abstract, and enter the addresses and submit for production.

Questions? Contact your EDR representative at 800-352-0050. For more information about all of EDR's 2009 report and service enhancements, visit <a href="https://www.edrnet.com/2009enhancements">www.edrnet.com/2009enhancements</a>

# **EXECUTIVE SUMMARY**

#### **DESCRIPTION**

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

#### **RESEARCH SUMMARY**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	Source	<u>TP</u>	<u>Adjoining</u>	Text Abstract	Source Image
2007	Haines Criss-Cross Directory	X	Χ	X	·-
1997	Haines Criss-Cross Directory	- <b>X</b>	X	<b>X</b>	-
1991	Haines Criss-Cross Directory	Χ .	X	X	-
1984	Haines Criss-Cross Directory	Χ	X	X	-
1980	Haines Criss-Cross Directory	Χ	X	X	
1975	Haines Criss-Cross Directory	X	X	X	-
1970	Haines Criss-Cross Directory	-	-	-	-

# TARGET PROPERTY INFORMATION

#### **ADDRESS**

127 1st Street Los Atos, CA 94022

# FINDINGS DETAIL

Target Property research detail.

<u>Uses</u>	Source
ZCastle Gallery	Haines Criss-Cross Directory
Burch Investments	Haines Criss-Cross Directory
E L Hood Constr	Haines Criss-Cross Directory
House Of Treas Rpr	Haines Criss-Cross Directory
Ladies Nails	Haines Criss-Cross Directory
Lady Nails	Haines Criss-Cross Directory
Languate Qst Sftwre	Haines Criss-Cross Directory
Lolontino	Haines Criss-Cross Directory
Los Altos Glass Co	Haines Criss-Cross Directory
Creative Carol Lse	Haines Criss-Cross Directory
Distinctive Inters	Haines Criss-Cross Directory
Ladies Nails	Haines Criss-Cross Directory
Lady Nails	Haines Criss-Cross Directory
Los Altos Glass Co	Haines Criss-Cross Directory
Rod Incerpi Const	Haines Criss-Cross Directory
Los Altos Glass Co	Haines Criss-Cross Directory
Terra Stone Inc	Haines Criss-Cross Directory
Los Altos Glass Co	Haines Criss-Cross Directory
Stained Glass Works	Haines Criss-Cross Directory
Glass Replacement	Haines Criss-Cross Directory
Los Altos Glass Co	Haines Criss-Cross Directory
	ZCastle Gallery Burch Investments E L Hood Constr House Of Treas Rpr Ladies Nails Lady Nails Languate Qst Sftwre Lolontino Los Altos Glass Co Creative Carol Lse Distinctive Inters Ladies Nails Lady Nails Los Altos Glass Co Rod Incerpi Const Los Altos Glass Co Terra Stone Inc Los Altos Glass Co Stained Glass Works Glass Replacement

#### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

#### 1st Street

#### 110 1st Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	Coldwell Bkr	Haines Criss-Cross Directory
	North Amer Ttle Co Inc LOS	Haines Criss-Cross Directory
1997	Cornish & Carey RE	Haines Criss-Cross Directory
	Ivy Company	Haines Criss-Cross Directory
1991	Qualtic Graphic Ctr	Haines Criss-Cross Directory
1984	Qualtic Graphic Ctr	Haines Criss-Cross Directory
1980	Qualtic Graphic Ctr	Haines Criss-Cross Directory
1975	Office Building (6 Occupants)	Haines Criss-Cross Directory

#### 111 1st Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	Bay Area Body Wraps	Haines Criss-Cross Directory
1997	No Return	Haines Criss-Cross Directory
1991	Schwartzman Distbn	Haines Criss-Cross Directory
1984	Conference Copy	Haines Criss-Cross Directory
	Kaitek Meida Inc	Haines Criss-Cross Directory
	Nine Par Co	Haines Criss-Cross Directory
1980	Office Building (5 Occupants)	Haines Criss-Cross Directory
1975	Barret & Assoc	Haines Criss-Cross Directory
	Nine Par Co	Haines Criss-Cross Directory

#### 121 1st Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	No Return	Haines Criss-Cross Directory
1991	Garden Equip Clinic	Haines Criss-Cross Directory
1984	Garden Equip Clinic	Haines Criss-Cross Directory
1980	Garden Equip Clinic	Haines Criss-Cross Directory
1975	Garden Equip Clinic	Haines Criss-Cross Directory

#### 139 1st Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
- No. 10		
2007	A Pickett's Ca Automotive Serv	Haines Criss-Cross Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	California Automotive	Haines Criss-Cross Directory
1997	CA Automotive Serv	Haines Criss-Cross Directory
1991	Caseys Auto Repair	Haines Criss-Cross Directory
1984	Caseys Auto Repair	Haines Criss-Cross Directory
1980	Caseys Auto Repair	Haines Criss-Cross Directory
1975	Caseys Auto Repair	Haines Criss-Cross Directory

#### 141 1st Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	First Street Realty	Haines Criss-Cross Directory
	Gerard Devlpo Corp	Haines Criss-Cross Directory
1997	Gerard Devlpo Corp	Haines Criss-Cross Directory
1991	Gerard Devlpo Corp	Haines Criss-Cross Directory
1984	Gerard Homes Ofc Sales Super	Haines Criss-Cross Directory
1980	Gerard Homes Field Inc	Haines Criss-Cross Directory
1975	Gerard Homes	Haines Criss-Cross Directory

#### 145 1st Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	Cottage Green	Haines Criss-Cross Directory
1997	Residential	Haines Criss-Cross Directory
1991	W R Investment Co	Haines Criss-Cross Directory
1984	World Of Legends	Haines Criss-Cross Directory
1980	Cameos Cobwebs	Haines Criss-Cross Directory
1975	Pump House	Haines Criss-Cross Directory

#### STREET NOT LISTED IN RESEARCH SOURCE

The following Streets were researched for this report, and the Streets were not listed in the research source.

**Street Researched** 

Street Not Listed in Research Source

1st Street

1970

#### ADJOINING PROPERTY: ADDRESSES NOT LISTED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not listed in research source.

**Address Researched** 

**Address Not Listed in Research Source** 

121 1st Street

1997

# **Commercial Property**

127 1st Street Los Atos, CA 94022

Inquiry Number: 2532358.5

July 06, 2009

# The EDR Aerial Photo Decade Package



# **EDR Aerial Photo Decade Package**

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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with any questions or comments.

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# **Date EDR Searched Historical Sources:**

Aerial Photography July 06, 2009

# **Target Property:** 127 1st Street

Los Atos, CA 94022

	<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
	1939	Aerial Photograph. Scale: 1"=555'	Flight Year: 1939	Fairchild
	1948	Aerial Photograph. Scale: 1"=555'	Flight Year: 1948	Exxon
	1956	Aerial Photograph. Scale: 1"=555'	Flight Year: 1956	Aero .
	1965	Aerial Photograph. Scale: 1"=333'	Flight Year: 1965	Cartwright
	1974	Aerial Photograph. Scale: 1"=601'	Flight Year: 1974 Best Copy Available from original source	NASA
	1982	Aerial Photograph. Scale: 1"=690'	Flight Year: 1982	USGS
	1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
ł	1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS
	2005	Aerial Photograph. 1" = 604'	Flight Year: 2005	EDR

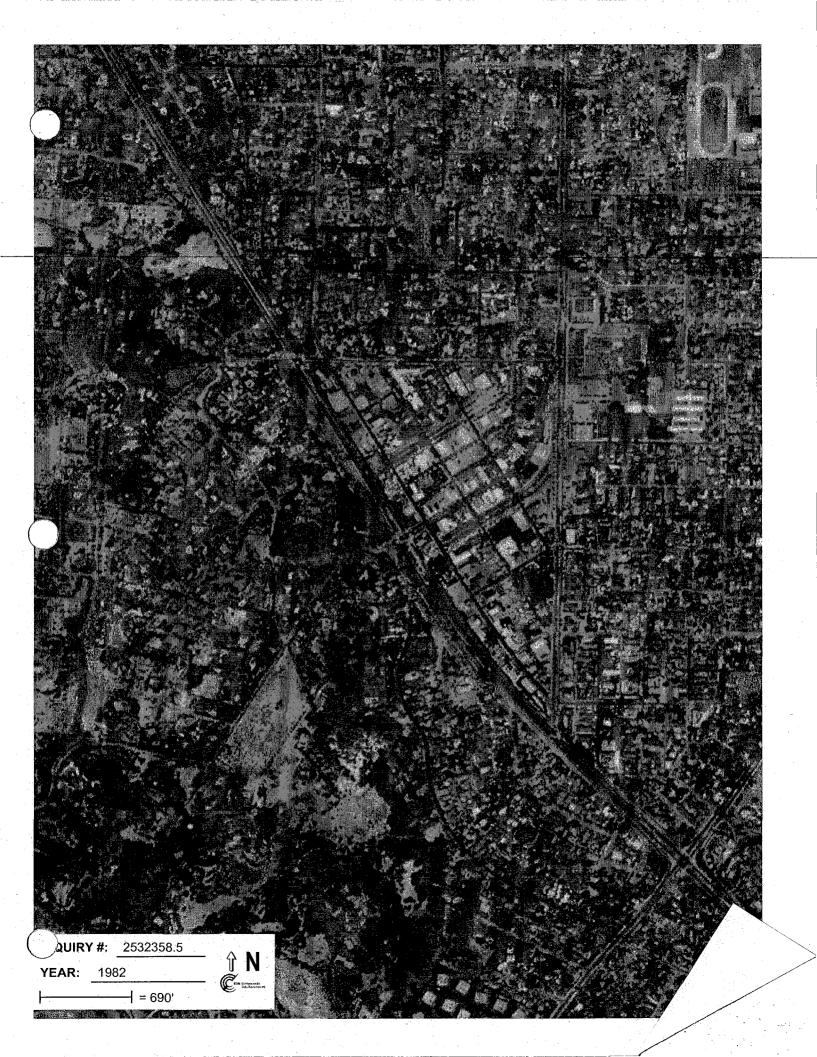


















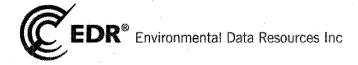
# **Commercial Property**

127 1st Street Los Atos, CA 94022

Inquiry Number: 2532358.4

July 02, 2009

# The EDR Historical Topographic Map Report



# **EDR Historical Topographic Map Report**

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

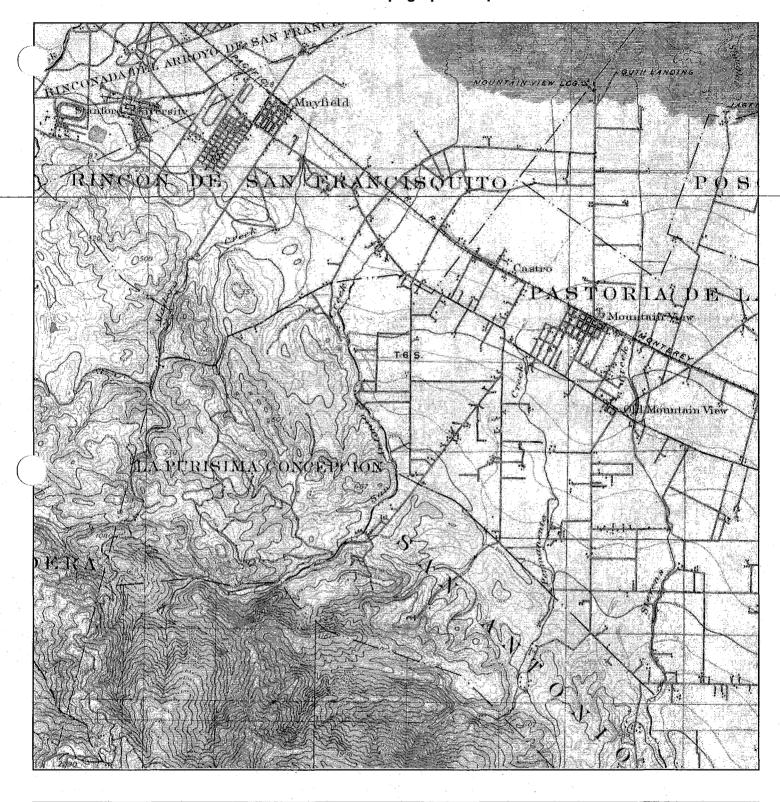
Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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TARGET QUAD

NAME: PALO ALTO

**MAP YEAR: 1899** 

SERIES:

15

1:62500 SCALE:

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG:

37.3798 / 122.119

CLIENT:

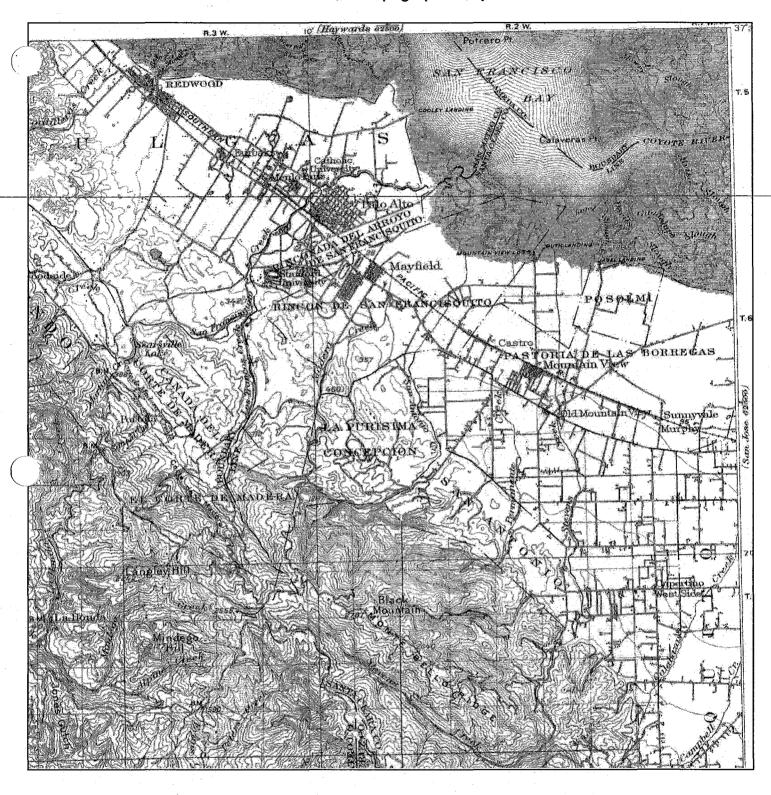
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



TARGET QUAD

NAME: SANTA CRUZ

MAP YEAR: 1902

SERIES:

30

SCALE:

1:125000

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG:

37.3798 / 122.119

CLIENT:

Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



TARGET QUAD

NAME: PALO ALTO

**MAP YEAR: 1943** 

SERIES:

15

SCALE:

1:62500

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119 CLIENT:

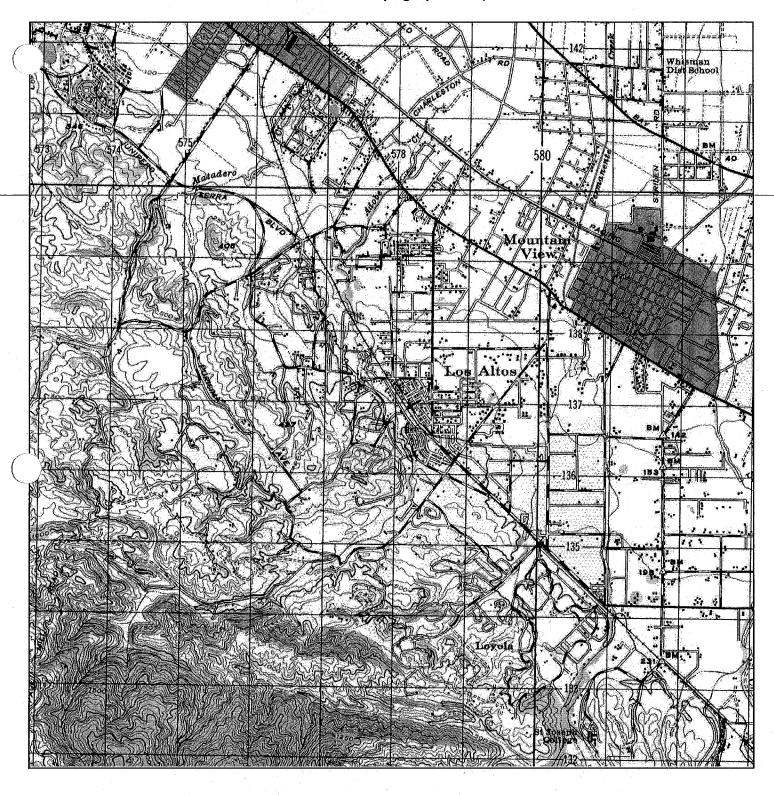
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



TARGET QUAD

NAME: PALO ALTO

15

1:50000

MAP YEAR: 1947

SERIES:

SCALE:

SITE NAME: Commercial Property

ADDRESS:

127 1st Street

Los Atos, CA 94022

LAT/LONG:

37.3798 / 122.119

CLIENT:

Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



N

TARGET QUAD

NAME: PALO ALTO

MAP YEAR: 1948

SERIES: 15

SCALE: 1:62500

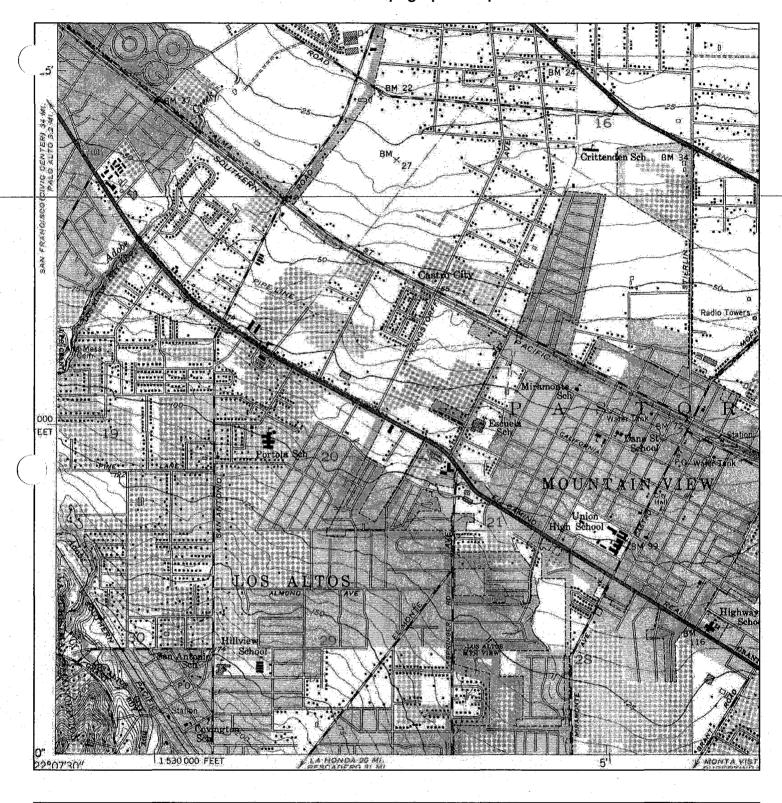
SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119

CLIENT: Benchmark
CONTACT: Bryan Buller
INQUIRY#: 2532358.4



TARGET QUAD

NAME: MOUNTAINVIEW

MAP YEAR: 1953

SERIES:

SCALE:

7.5 1:24000

SITE NAME: Commercial Property

ADDRESS:

127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119

CLIENT:

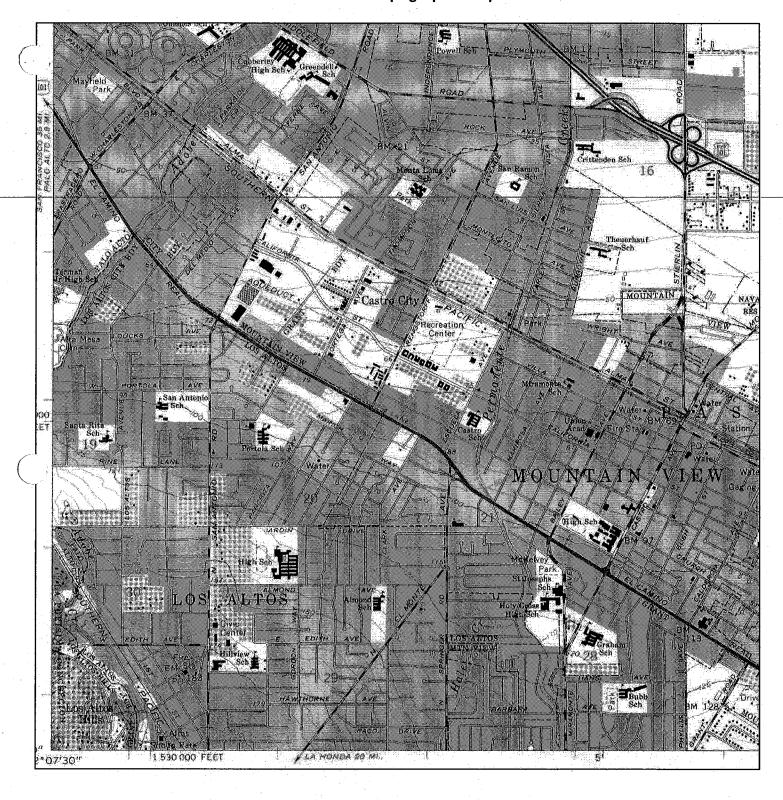
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



TARGET QUAD

NAME: MOUNTAINVIEW

MAP YEAR: 1961

SERIES:

7.5

SCALE:

1:24000

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG:

37.3798 / 122.119

CLIENT:

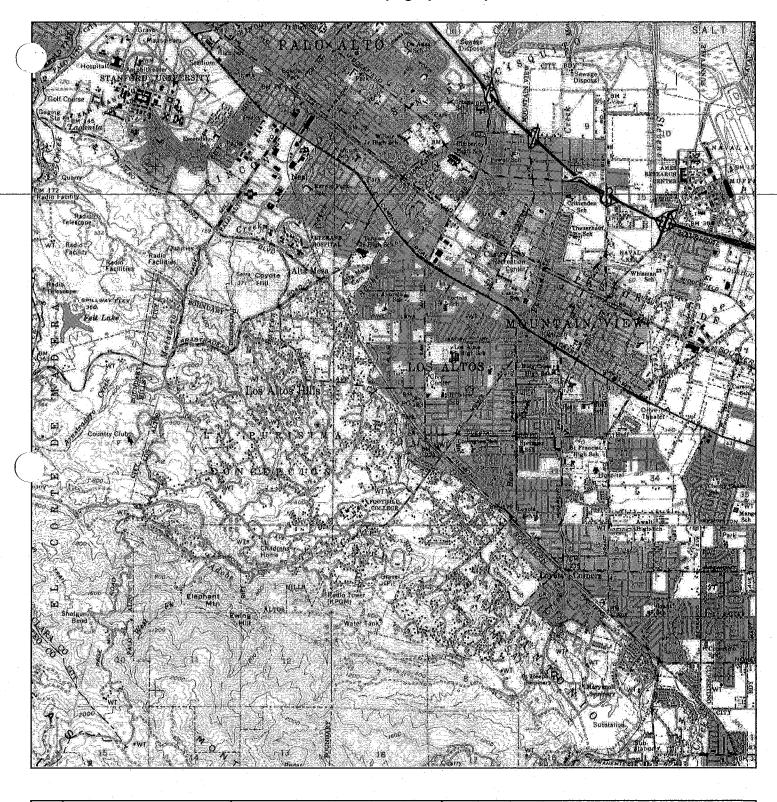
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



TARGET QUAD

NAME: PALO ALTO

MAP YEAR: 1961

SERIES:

15

SCALE: 1:62500

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119 CLIENT:

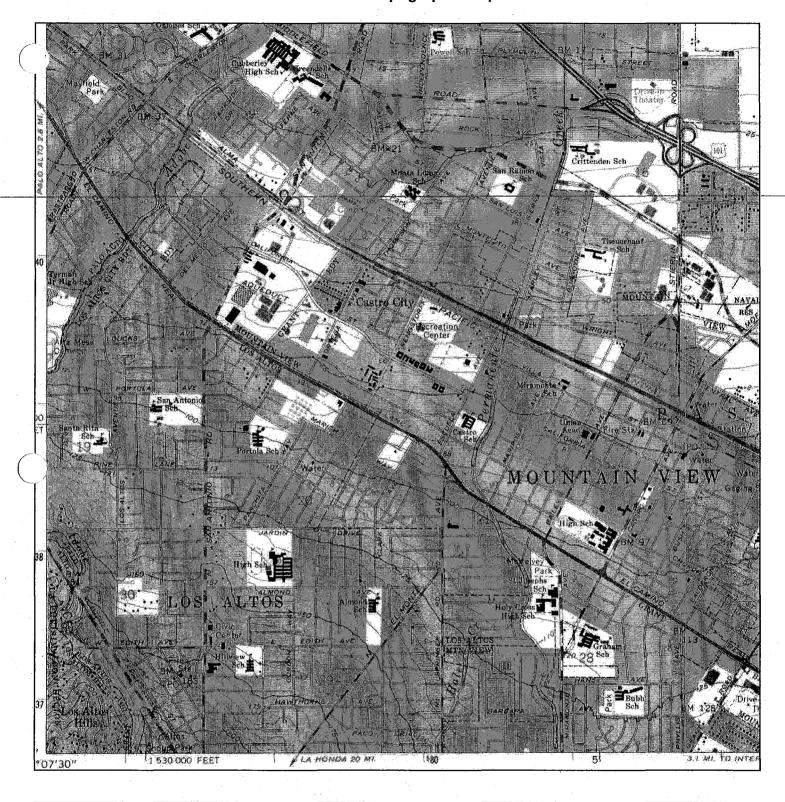
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



**TARGET QUAD** 

NAME: MOUNTAINVIEW

MAP YEAR: 1968

PHOTOREVISED FROM:1961

SERIES: 7.5

SCALE: 1:24000

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119 CLIENT:

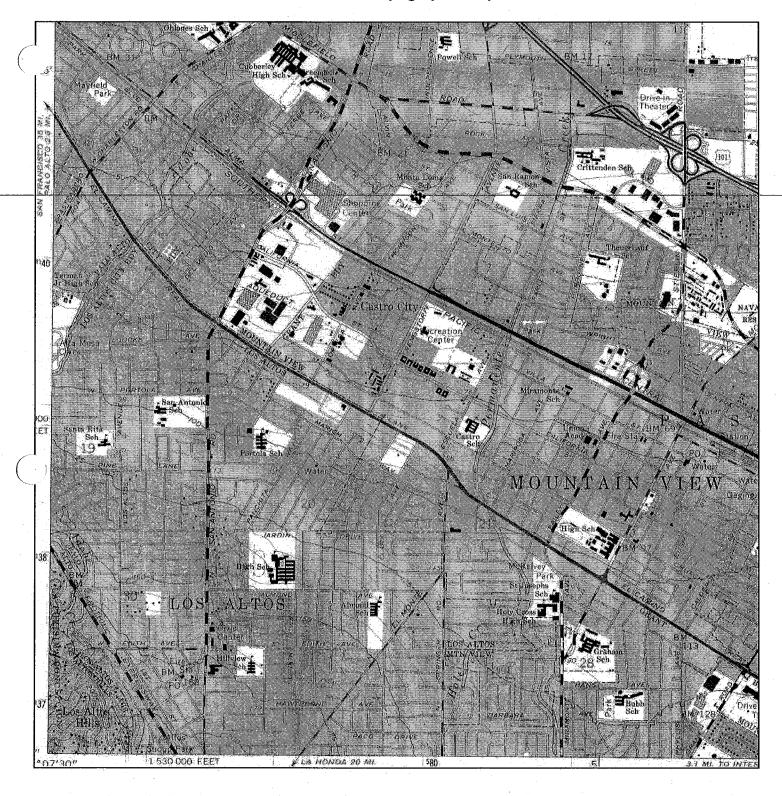
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



N/

TARGET QUAD

NAME: MOUNTAINVIEW

MAP YEAR: 1973

PHOTOREVISED FROM:1961

SERIES: 7.5

SCALE:

1:24000

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119

CLIENT:

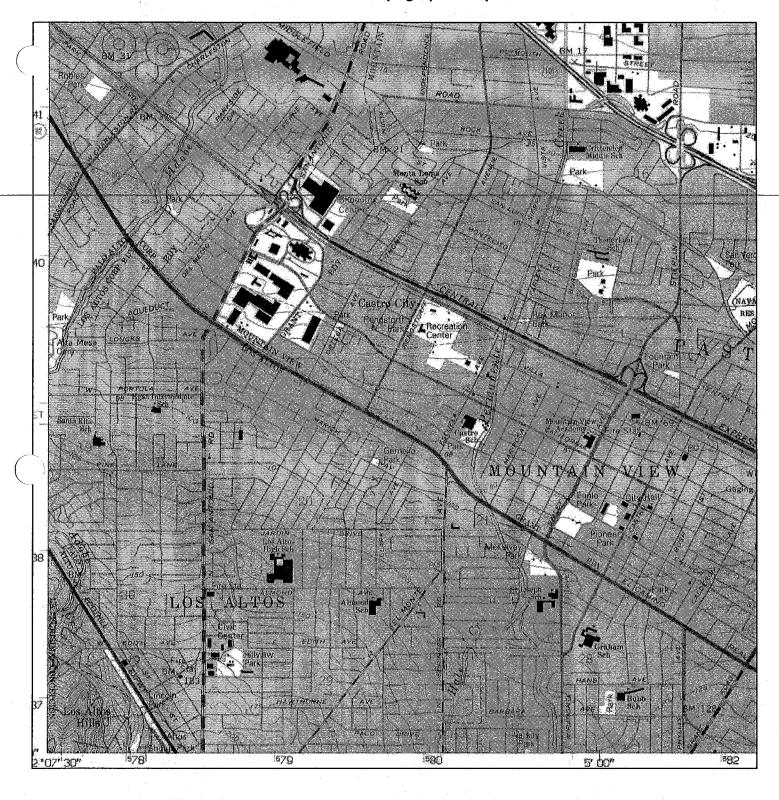
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



N T TARGET QUAD

NAME: MOUNTAINVIEW

MAP YEAR: 1991

.....

SERIES:

7.5 1:24000

SCALE:

SITE NAME:

ME: Commercial Property

ADDRESS:

127 1st Street

Los Atos, CA 94022

LAT/LONG:

37.3798 / 122.119

CLIENT:

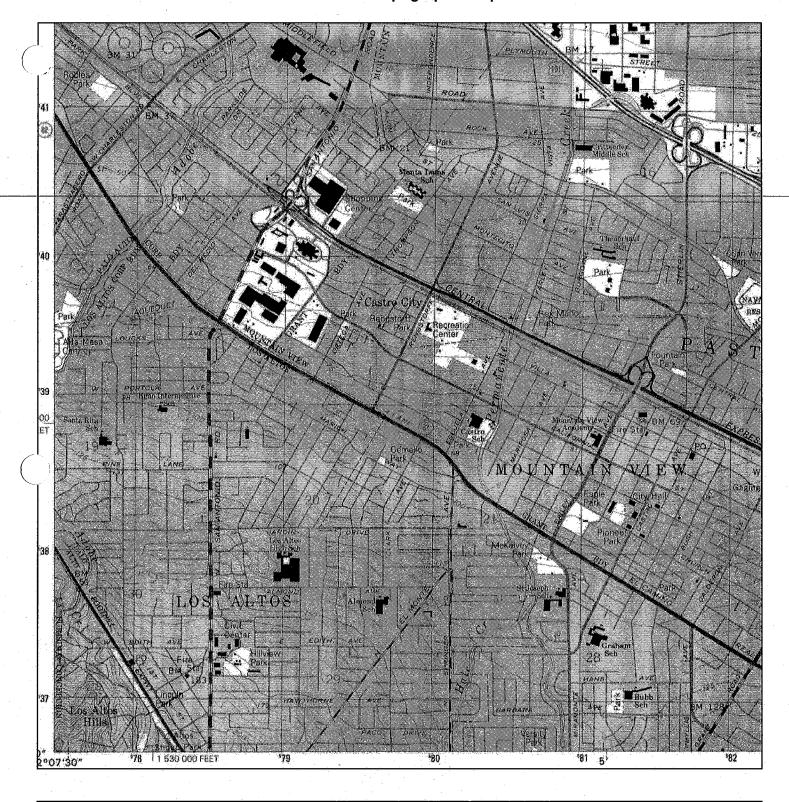
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



N

TARGET QUAD

NAME: MOUNTAINVIEW

MAP YEAR: 1997

SERIES: 7.5

SCALE: 1:24000

SITE NAME:

IE: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119

CLIENT:

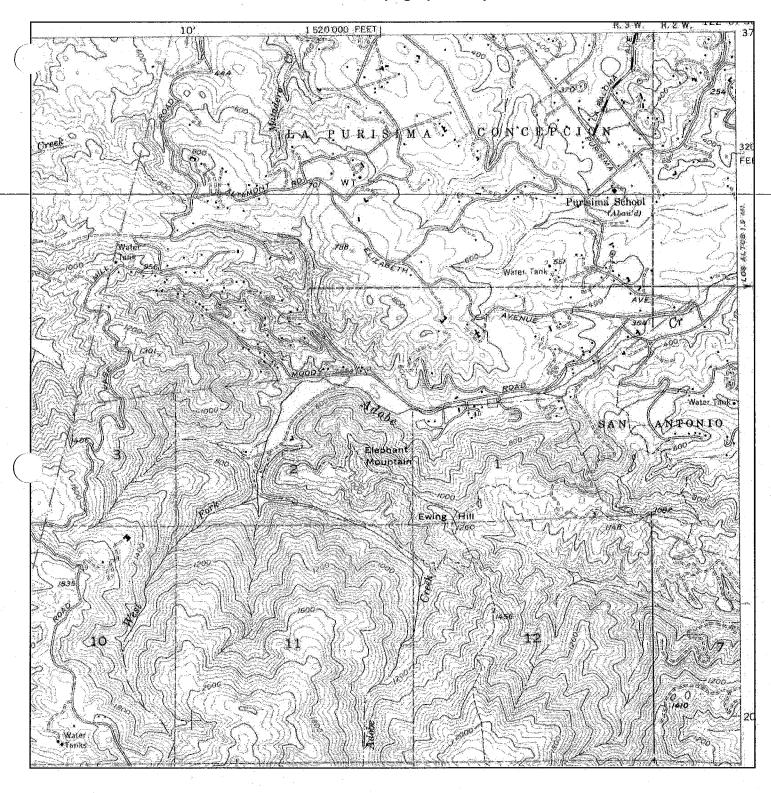
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



**ADJOINING QUAD** 

NAME: MINDEGO HILL

MAP YEAR: 1955

SERIES: 7.5

SCALE: 1:24000

SITE NAME: Commercial Property

ADDRESS:

127 1st Street Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119 CLIENT:

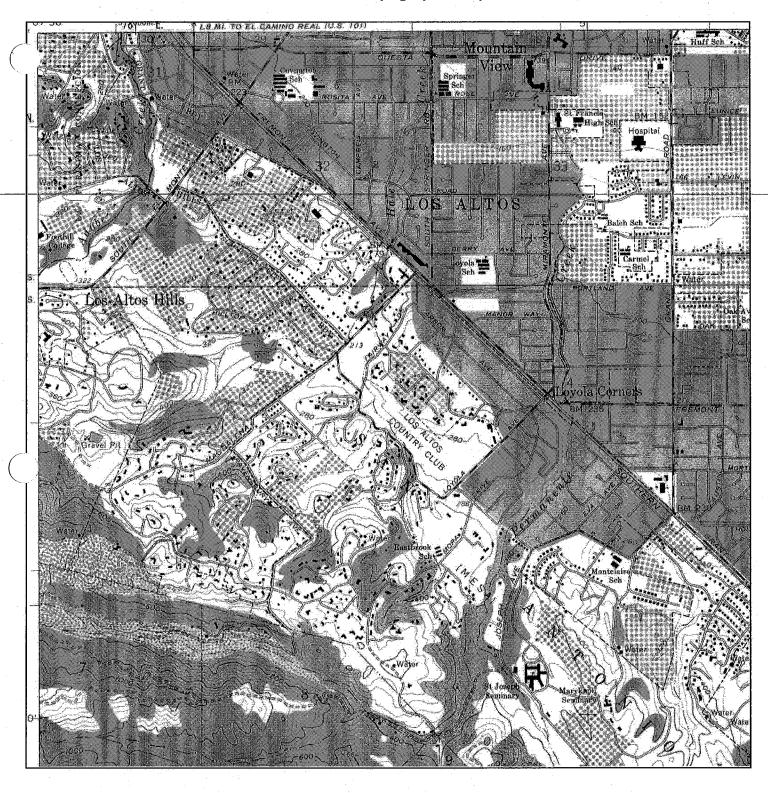
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



ADJOINING QUAD

NAME: **CUPERTINO** 

MAP YEAR: 1961

SERIES: SCALE:

7.5

1:24000

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119 CLIENT:

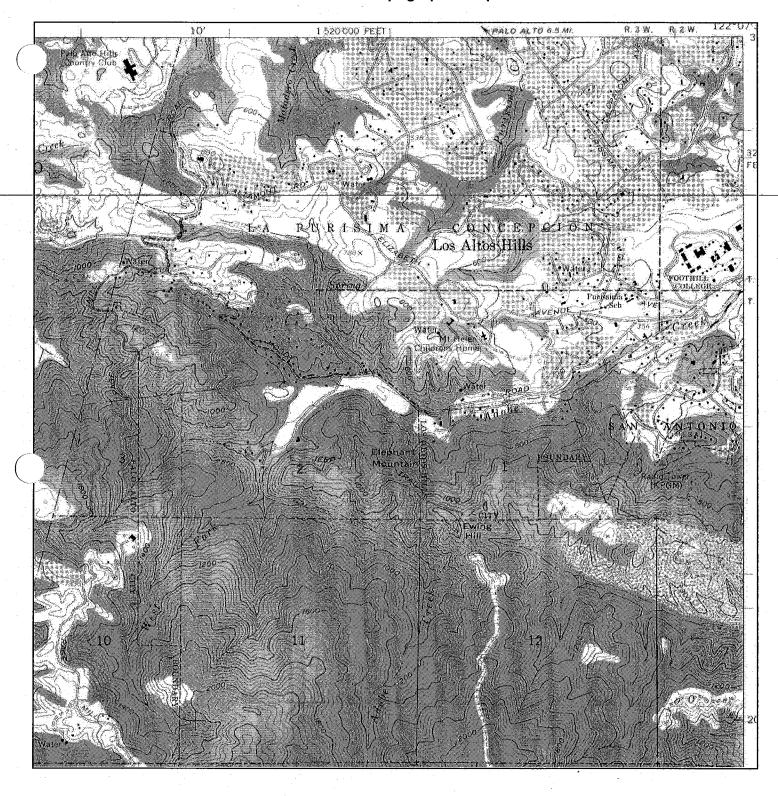
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



**ADJOINING QUAD** 

NAME: MINDEGO HILL

MAP YEAR: 1961

SERIES:

7.5

SCALE:

1:24000

SITE NAME: Commercial Property

ADDRESS:

127 1st Street

Los Atos, CA 94022

37.3798 / 122.119 LAT/LONG:

CLIENT:

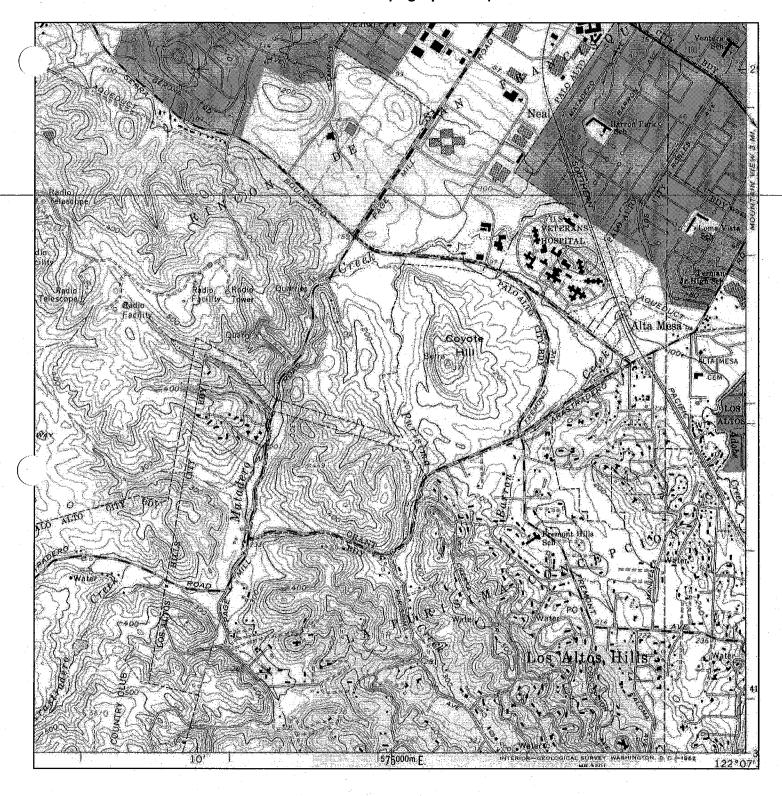
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



ADJOINING QUAD

NAME: PALO ALTO

MAP YEAR: 1961

SERIES:

7.5

SCALE:

1:24000

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119 CLIENT:

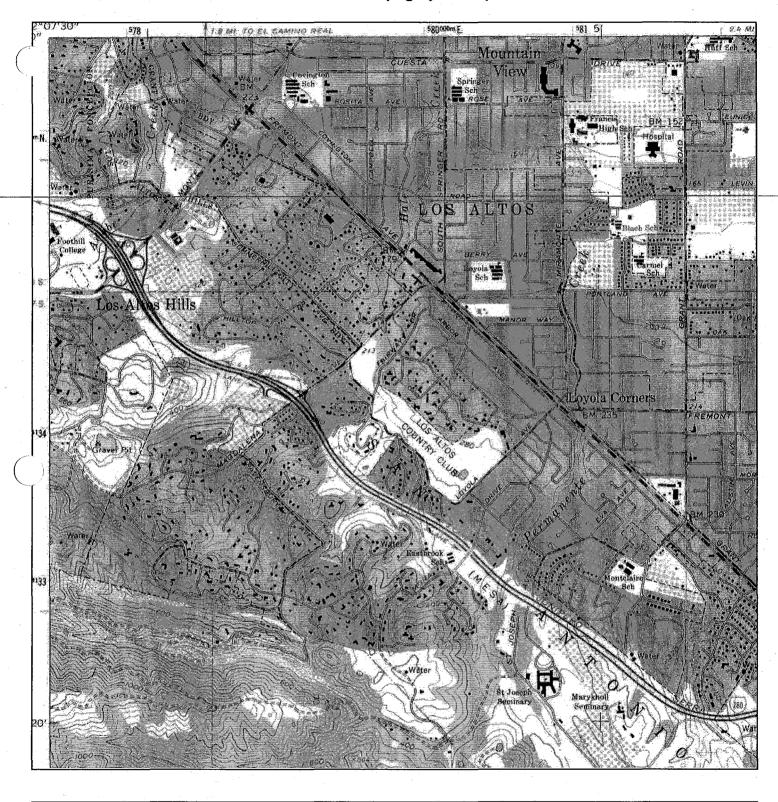
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



ADJOINING QUAD

**CUPERTINO** NAME:

MAP YEAR: 1968

PHOTOREVISED FROM: 1961

SERIES: 7.5

SCALE: 1:24000

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119 CLIENT:

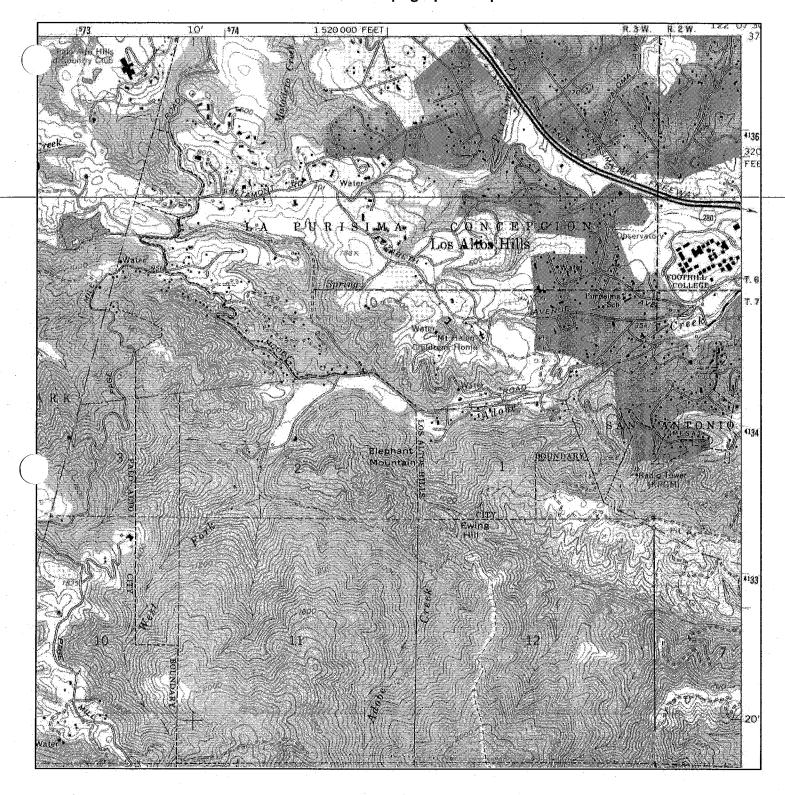
Benchmark

CONTACT:

Bryan Buller

INQUIRY#;

2532358.4



ADJOINING QUAD

MINDEGO HILL NAME:

MAP YEAR: 1968

PHOTOREVISED FROM: 1961

SERIES: 7.5 1:24000

SCALE:

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119 CLIENT:

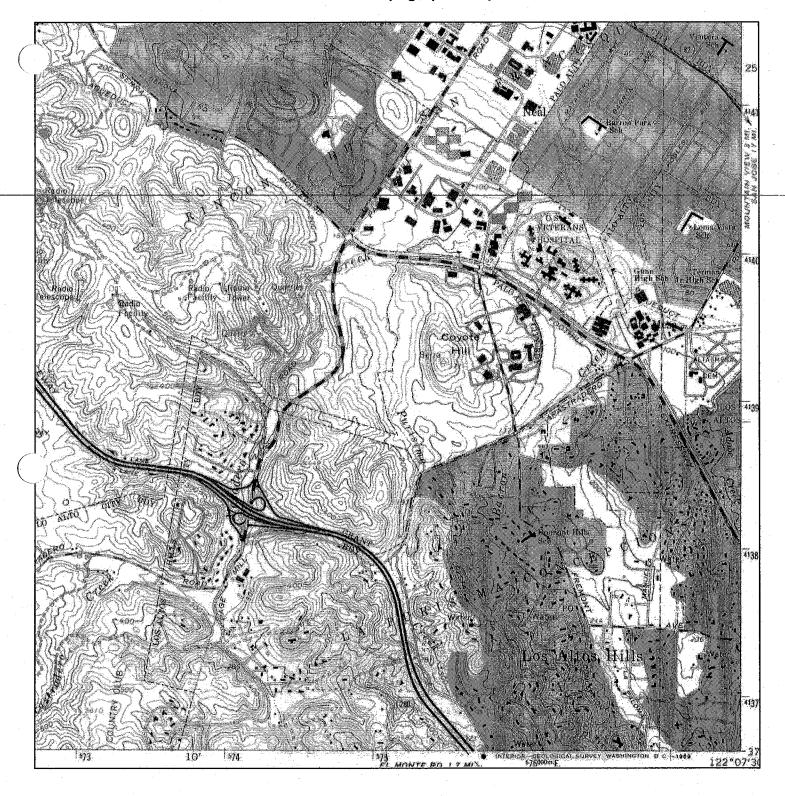
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



ADJOINING QUAD

NAME: PALO ALTO

MAP YEAR: 1968

PHOTOREVISED FROM:1961

SERIES: 7.5

SCALE: 1:24000

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119 CLIENT:

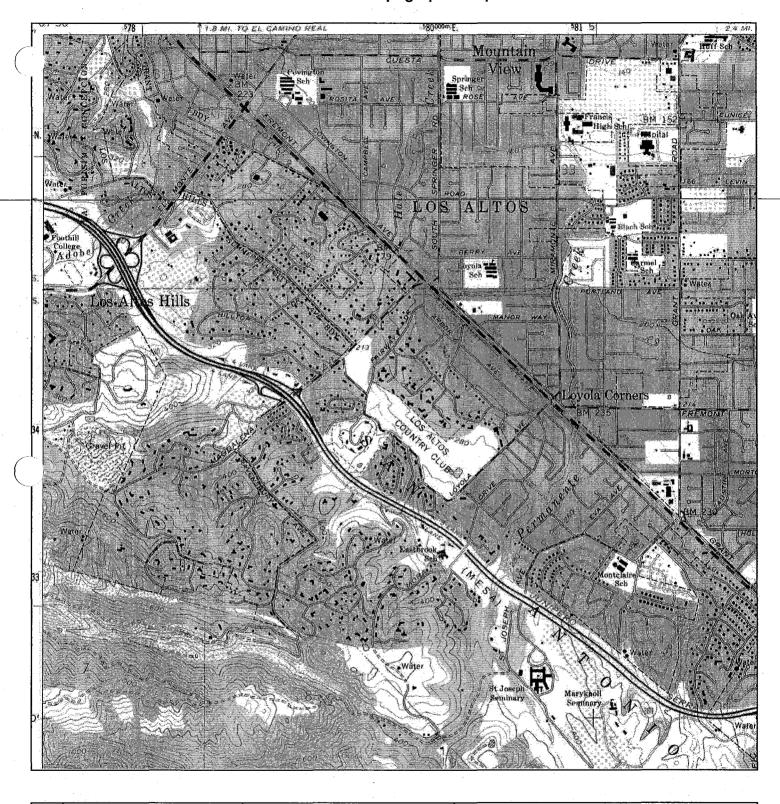
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



ADJOINING QUAD

CUPERTINO NAME:

MAP YEAR: 1973

PHOTOREVISED FROM:1961

SERIES:

SCALE:

7.5 1:24000

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119 CLIENT:

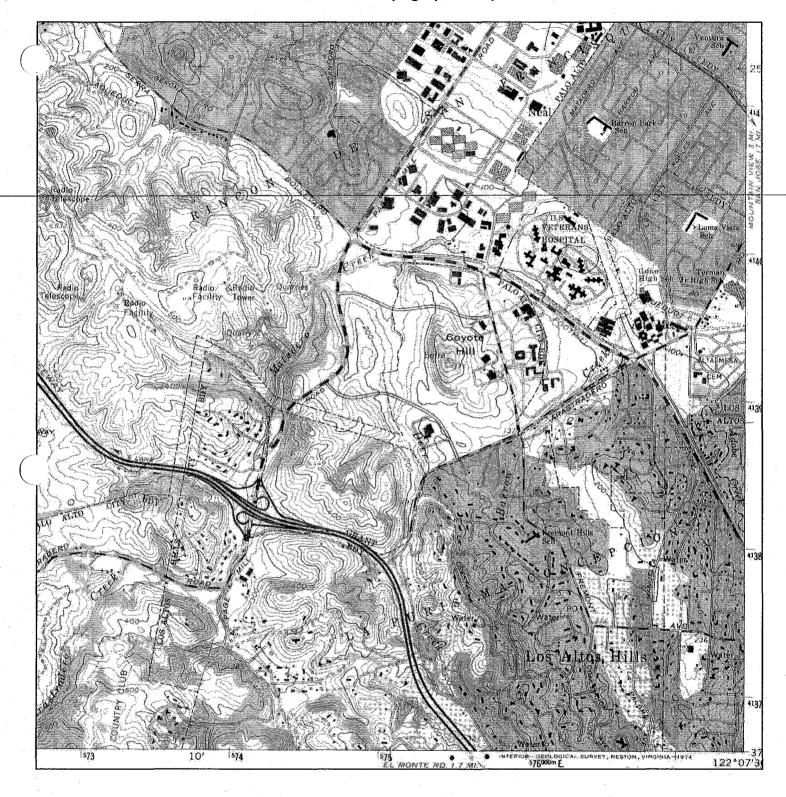
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



**ADJOINING QUAD** 

NAME: PALO ALTO

MAP YEAR: 1973

PHOTOREVISED FROM:1961

SERIES: 7.5

SCALE: 1:24000

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119 CLIENT:

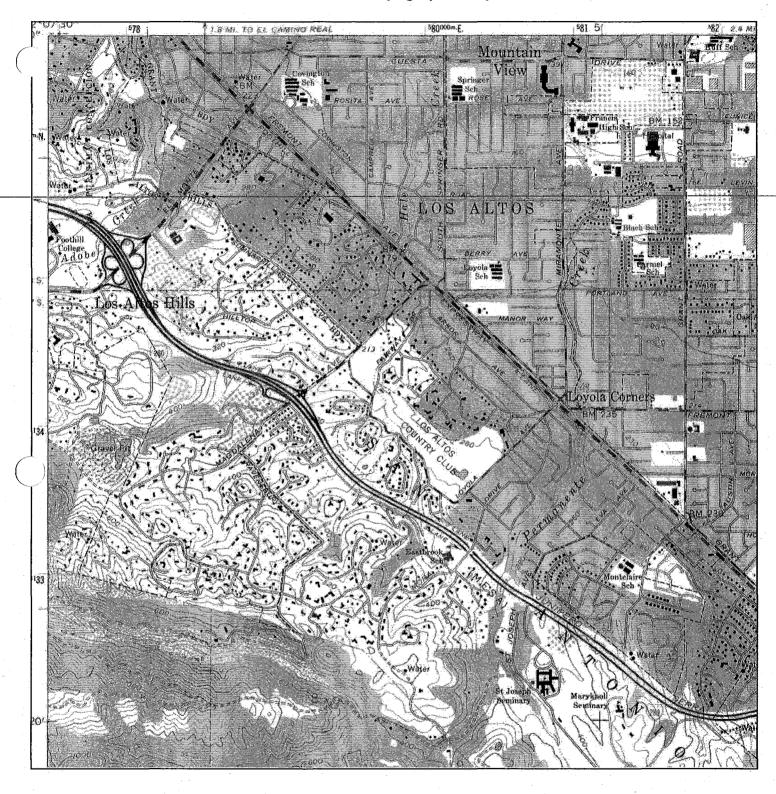
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



**ADJOINING QUAD** 

**CUPERTINO** NAME:

MAP YEAR: 1980

PHOTOREVISED FROM:1961

SERIES: 7.5

SCALE: 1:24000

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119 CLIENT:

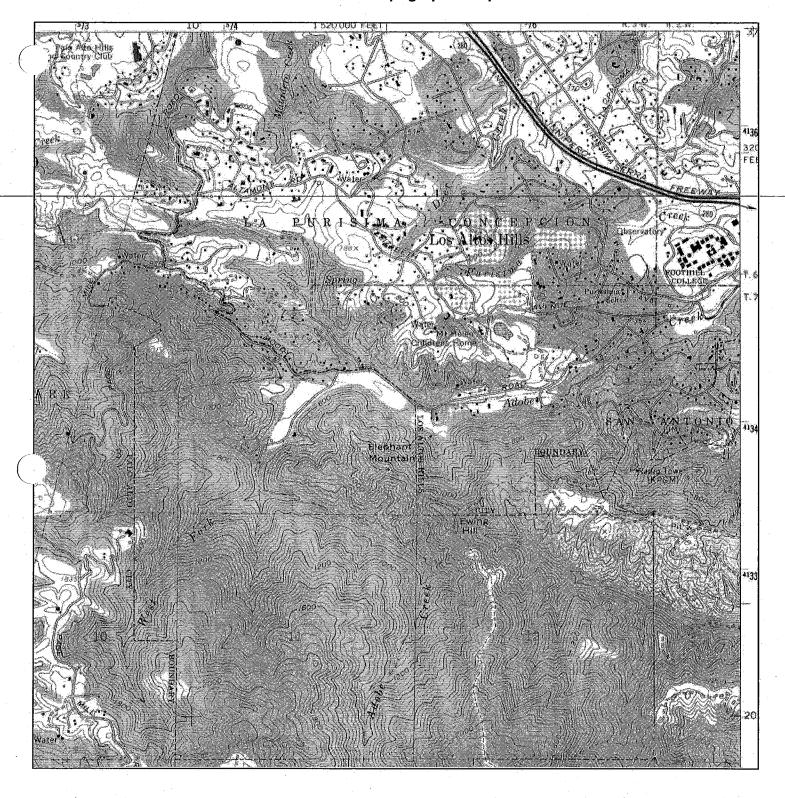
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



ADJOINING QUAD

MINDEGO HILL NAME:

MAP YEAR: 1980

PHOTOREVISED FROM:1961

SERIES: 7.5

SCALE:

1:24000

SITE NAME: Commercial Property

ADDRESS:

127 1st Street

Los Atos, CA 94022

LAT/LONG:

37.3798 / 122.119

CLIENT:

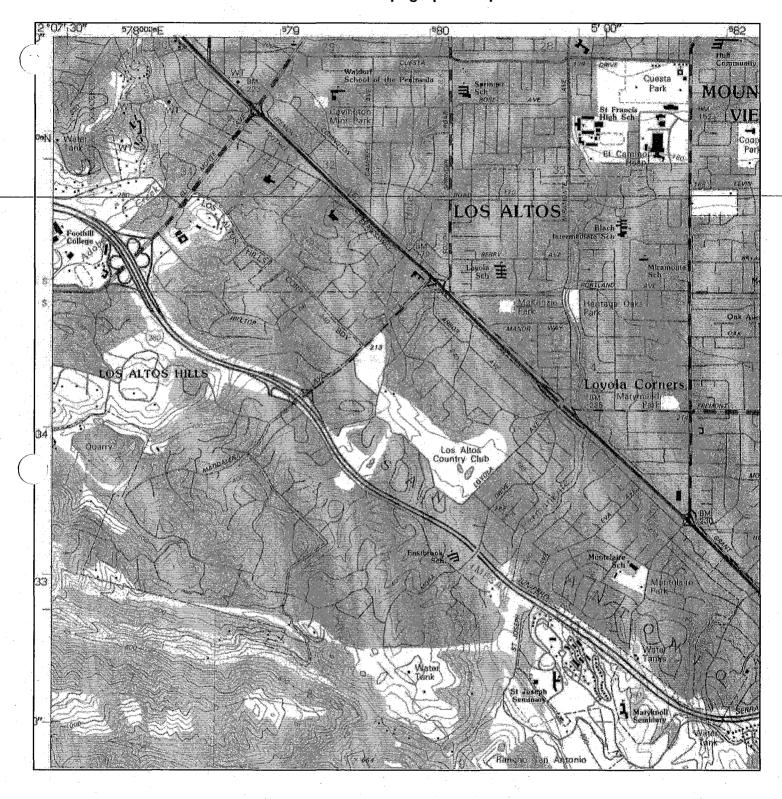
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



N  **ADJOINING QUAD** 

NAME: CUPERTINO

7.5

MAP YEAR: 1991

SERIES:

SCALE: 1:24000

SITE NAME:

: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119

CLIENT:

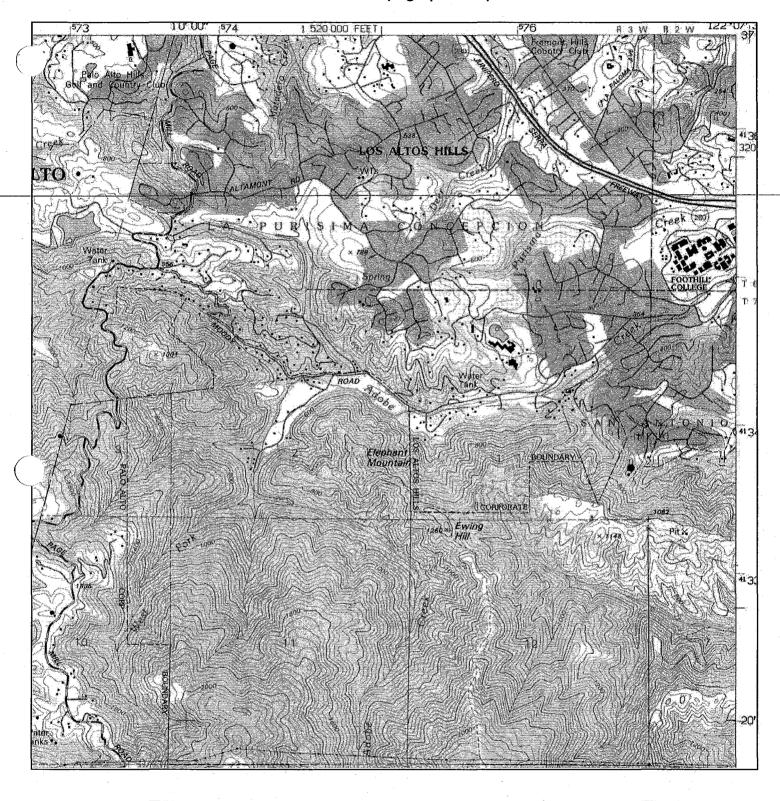
Benchmark

CONTACT:

Bryan Buller

022 INQUIRY#:

2532358.4



ADJOINING QUAD

NAME: MINDEGO HILL

MAP YEAR: 1991

SERIES: 7.5

SCALE: 1:24000

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119 CLIENT:

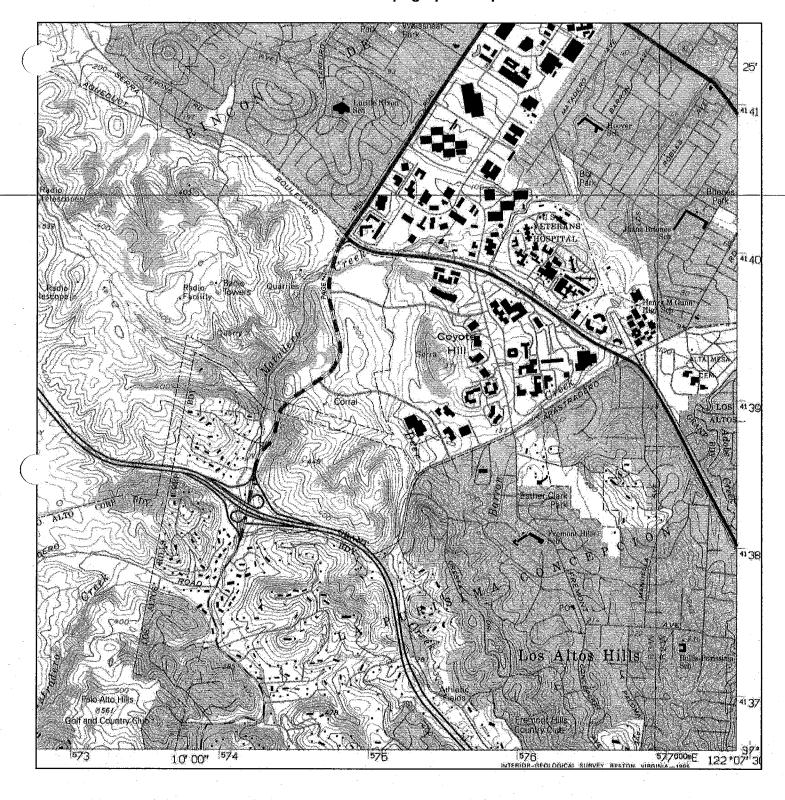
Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4



ADJOINING QUAD

NAME: PALO ALTO

MAP YEAR: 1991

SERIES:

7.5

SCALE:

1:24000

SITE NAME: Commercial Property

ADDRESS: 127 1st Street

Los Atos, CA 94022

LAT/LONG: 37.3798 / 122.119 CLIENT:

Benchmark

CONTACT:

Bryan Buller

INQUIRY#:

2532358.4

# **Commercial Property**

127 1st Street Los Atos, CA 94022

Inquiry Number: 2532358.3

July 02, 2009

Certified Sanborn® Map Report



# Certified Sanborn® Map Report

7/02/09

Site Name:

**Client Name:** 

Commercial Property

127 1st Street Los Atos, CA 94022 Benchmark 3732A Charter Park San Jose, CA 95136

EDR Inquiry # 2532358.3

Contact: Bryan Buller



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Benchmark were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

#### Certified Sanborn Results:

Site Name:

Commercial Property

Address:

127 1st Street

City, State, Zip:

Los Atos, CA 94022

**Cross Street:** 

P.O. #

NA

Project:

E09-581-PES

Certification #

5AC4-48C6-B406

Maps Provided:

1932

1926



Sanborn® Library search results Certification # 5AC4-48C6-B406

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, 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

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# Certified Sanborn® Map Report Enhancements for 2009

The accompanying Certified Sanborn Map Report reflects a number of enhancements that make it easier for you to review these historical maps. EDR has digitally joined together the more than one million fire insurance maps from the Sanborn Library collection so that your target property is centered, making it easier for you to review adjoining properties. Here is a list of the new features:

- Your target property is centered on each map. You can quickly locate your target property and view adjoining properties. Plus, adjoining properties are included more often, reducing your need to refer to additional maps.
- All maps are now displayed at a uniform scale. This makes it easier for you to view changes to the property over time.
- We've increased coverage by adding thousands of new maps from 40 cities for years 1994-2007.
- A new Map Key and Sheet Thumbnails let you reference sheet numbers, year and volume of original Sanborn Map panels used for this report.

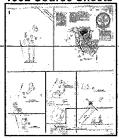
For more information about the new enhancements to the Certified Sanborn Map Report, contact your EDR representative at 800-352-0050.

## Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



## 1932 Source Sheets





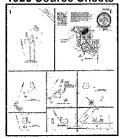


Volume 1, Sheet 1

Volume 1, Sheet 2

Volume 1, Sheet 4

## 1926 Source Sheets





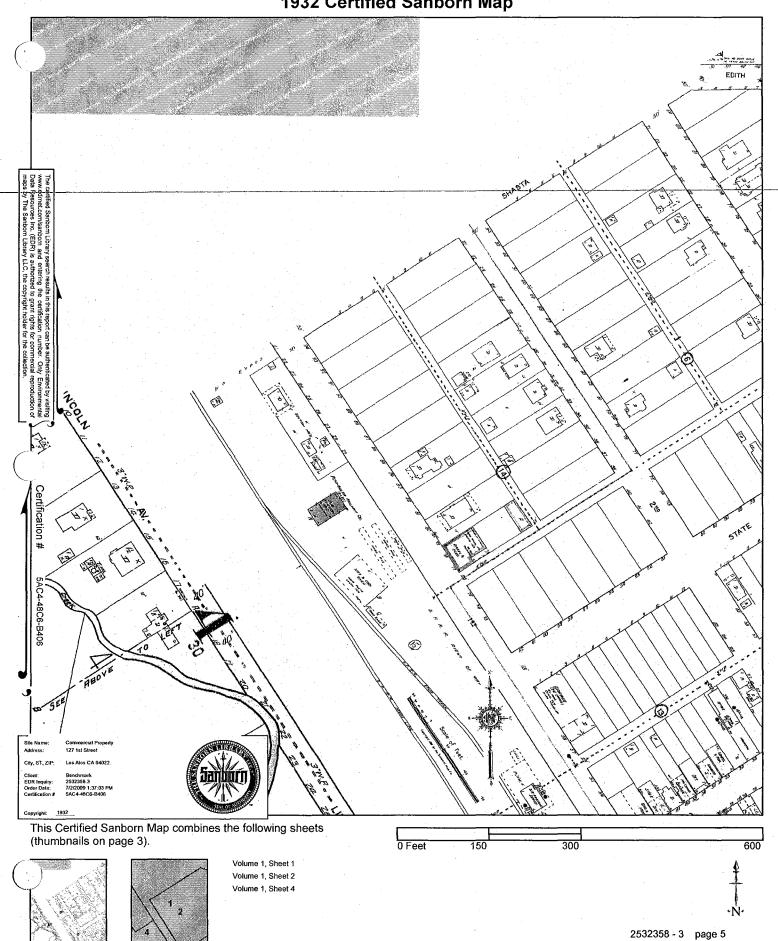


Volume 1, Sheet 1

Volume 1, Sheet 4

Volume 1, Sheet 2

# 1932 Certified Sanborn Map



# **Commercial Property**

127 1st Street Los Atos, CA 94022

Inquiry-Number<del>: 2532358.8</del> July 02, 2009

# The EDR Property Tax Map Report



## **EDR Property Tax Map Report**

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

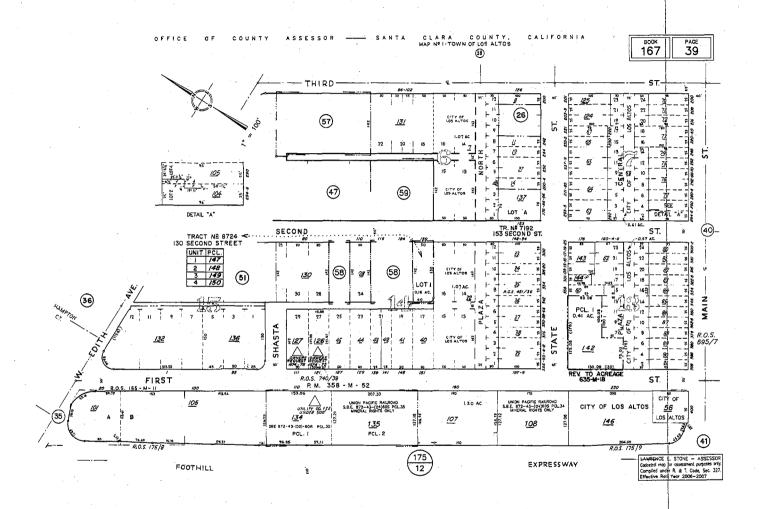
Thank you for your business.
Please contact EDR at 1-800-352-0050 with any questions or comments.

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# Appendix D:

**Regulatory Records** 

# **Commercial Property**

127 1st Street Los Atos, CA 94022

Inquiry Number: 2532358.2s

July 02, 2009

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road Milford, CT 06461 Toll Free: 800.352.0050 www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
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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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

#### TARGET PROPERTY INFORMATION

#### **ADDRESS**

127 1ST STREET LOS ATOS, CA 94022

#### **COORDINATES**

Latitude (North): 37.379800 - 37° 22' 47.3" Longitude (West):

122.119400 - 122° 7' 9.8" Universal Tranverse Mercator: Zone 10

UTM X (Meters): 577963.6 UTM Y (Meters): 4137165.8

Elevation: 191 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 37122-D1 MOUNTAIN VIEW, CA

Most Recent Revision: 1999

South Map: 37122-C1 CUPERTINO, CA

Most Recent Revision:

Southwest Map: 37122-C2 MINDEGO HILL, CA

Most Recent Revision: 1999

West Map: 37122-D2 PALO ALTO, CA

Most Recent Revision: 1999

#### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from: 2006, 2005 USDÁ Source:

#### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CAL WEST LTD 127 1ST ST	HAZNET	N/A
LOS ALTOS, CA 94022		

# **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 Proposed NPL NPL LIENS	Proposed National Priority List Sites	
Federal Delisted NPL site list		
Delisted NPL	National Priority List Deletions	
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-CORRA	CTS TSD facilities list	
RCRA-TSDF	RCRA - Transporters, Storage and Disposal	
Federal RCRA generators list		
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator	
Federal institutional controls / engineering controls registries		
US ENG CONTROLSUS INST CONTROL	Engineering Controls Sites List Sites with Institutional Controls	
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	
State and tribal leaking storage tank lists		
SLIC		
State and tribal registered storage tank lists		
AST	Aboveground Petroleum Storage Tank Facilities	

## **EXECUTIVE SUMMARY**

INDIAN UST...... Underground Storage Tanks on Indian Land

#### State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing VCP..... Voluntary Cleanup Program Properties

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

#### Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

Open Dump Inventory

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI\_\_\_\_\_Report on the Status of Open Dumps on Indian Lands

#### 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

#### Local Land Records

LIENS 2..... CERCLA Lien Information

LUCIS..... Land Use Control Information System

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

#### Other Ascertainable Records

RCRA-NonGen\_\_\_\_\_RCRA - Non Generators 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

MINES...... Mines Master Index File

TSCA...... Toxic Substances Control Act

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

FINDS Facility Index System/Facility Registry System
RAATS RCRA Administrative Action Tracking System

WIP..... Well Investigation Program Case List

EMI...... Emissions Inventory Data INDIAN RESERV...... Indian Reservations

SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

### **EDR PROPRIETARY RECORDS**

### **EDR Proprietary Records**

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants EDR Historical Auto Stations. EDR Proprietary Historic Gas Stations EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

### **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 CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System 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.

A review of the CERCLIS list, as provided by EDR, and dated 01/09/2009 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HILLVIEW MAINTENANCE YARD	ADJ TO 97 HILLVIEW AVE.	E 1/4 - 1/2 (0.412 mi.)	21	35

### Federal RCRA generators list

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 11/12/2008 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
	<del></del>			
WOLF CAMERA NO RITZ CAMERA CEN	398 MAIN STREET	SE 1/8 - 1/4 (0.164 mi.)	B7	15

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 11/12/2008 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NIELSONS MARTINIZING DRY CLEAN	230 1ST STREET	SE 1/8 - 1/4 (0.129 mi.)	6	10
WALGREENS NO 7088	303 2ND ST	SE 1/8 - 1/4 (0.213 mi.)	12	22

### 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 05/27/2009 has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HILLVIEW - ELEANOR AREA PLUME	BTW HILLVIEW;ELEAR	IOR AV E 1/4 - 1/2 (0.414 mi.)	22	36

#### 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 identifies 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 05/27/2009 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property

Lower Elevation	Address	Direction / Distance	Map ID	Page
HILLVIEW - ELEANOR AREA PLUME	BTW HILLVIEW;ELE	ANOR AV E 1/4 - 1/2 (0.414 mi.)	22	36
Status: Backlog				

### 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 04/08/2009 has revealed that there are 11 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #9-1875 Status: Completed - Case Closed	401 MAIN ST	SE 1/8 - 1/4 (0.164 mi.)	В9	17
HON RESIDENCE Status: Completed - Case Closed	386 UNIVERSITY AVE	SSE 1/4 - 1/2 (0.286 mi.)	C15	25
UNOCAL #5957	330 S SAN ANTONIO RD	SE 1/4 - 1/2 (0.343 mi.)	D16	26
UNOCAL #5957 Status: Open - Remediation	330 S. SAN ANTONIO ROAD	SE 1/4 - 1/2 (0.343 mi.)	D17	27
PEERS ESTATE Status: Completed - Case Closed	13721 ROBLEDA RD	WSW 1/4 - 1/2 (0.407 mi.)	. 20	33
MCELROY LUMBER Status: Completed - Case Closed	496 1ST ST	SE 1/4 - 1/2 (0.459 mi.)	E23	42
CHEVRON #9-5215	470 S SAN ANTONIO RD	SE 1/4 - 1/2 (0.472 mi.)	E25	44
CHEVRON #9-5215 Status: Open - Verification Monitoring	470 S. SAN ANTONIO ROAD	SE 1/4 - 1/2 (0.473 mi.)	E26	45
Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL (FORMER) Status: Completed - Case Closed	45 MAIN ST	ENE 1/4 - 1/2 (0.269 mi.)	13	24
PACIFIC BELL Status: Completed - Case Closed	61 N SAN ANTONIO RD	ENE 1/4 - 1/2 (0.348 mi.)	18	27

Lower Elevation	Address	Direction / Distance	Map ID	Page
VILLA ANGELA RESIDENCE	11 ANGELA DR	NE 1/4 - 1/2 (0.384 mi.)	19	32
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
CHEVRON #9-1875	401 MAIN ST	SE 1/8 - 1/4 (0.164 mi.)	B9	17
HON RESIDENCE	386 UNIVERSITY AVE	SSE 1/4 - 1/2 (0.286 mi.)	C15	25
UNOCAL #5957	330 S SAN ANTONIO RD	SE 1/4 - 1/2 (0.343 mi.)	D16	26
PEERS ESTATE	13721 ROBLEDA RD	WSW 1/4 - 1/2 (0,407 mi.)	20	33
MCELROY LUMBER	496 1ST ST	SE 1/4 - 1/2 (0.459 mi.)	E23	42
CHEVRON #9-5215	470 S SAN ANTONIO RD	SE 1/4 - 1/2 (0.472 mi.)	E25	44
Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL (FORMER)	45 MAIN ST	ENE 1/4 - 1/2 (0.269 mi.)	13	24
PACIFIC BELL	61 N SAN ANTONIO RD	ENE 1/4 - 1/2 (0.348 mi.)	18	27
VILLA ANGELA RESIDENCE	11 ANGELA DR	NE 1/4 - 1/2 (0.384 mi.)	19	32

### State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 04/08/2009 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VILLAGE CHEVRON	401 MAIN ST.	SE 1/8 - 1/4 (0.164 mi.)	B8	17

### ADDITIONAL ENVIRONMENTAL RECORDS

### 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.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HILLVIEW - ELEANOR AREA PLUME	BTW HILLVIEW;ELEA	NOR AV E 1/4 - 1/2 (0.414 mi.)	22	36

### 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 are 3 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
L. E. E. ASSOC.	101 001ST ST	S 0 - 1/8 (0.102 mi.)	4	8
GERARD HOMES, INC	141 001ST ST	S 1/8 - 1/4 (0.129 mi.)	5	9
91875	401 MAIN ST	SE 1/8 - 1/4 (0.164 mi.)	B11	22

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 3 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	<b>Direction / Distance</b>	Map ID	Page
GERARD HOMES, INC	141 1ST ST	SE 0 - 1/8 (0.011 mi.)	A2	7
L. E. E. ASSOC.	101-111 FIRST ST.	NNW 0 - 1/8 (0.024 mi.)	A3	8
91875	401 MAIN ST	SE 1/8 - 1/4 (0.164 mi.)	B10	21 .

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 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
L. E. E. ASSOC.	101 001ST ST	S 0 - 1/8 (0.102 mi.)	4	8	
GERARD HOMES, INC	141 001ST ST	S 1/8 - 1/4 (0.129 mi.)	5	9	
CHEVRON #9-1875	401 MAIN ST	SE 1/8 - 1/4 (0.164 mi.)	B9	17	

#### Other Ascertainable Records

CA BOND EXP. 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.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that

there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HILLVIEW-ELEANOR AREA PLUME	NEAR CORNER OF HILI	_VIEW E 1/4 - 1/2 (0.474 mi.)	27	46

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). This listing is no longer updated by the state agency.

A review of the Cortese list, as provided by EDR, and dated 04/20/2009 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HILLVIEW - ELEANOR AREA PLUME	BTW HILLVIEW;ELEAN	IOR AV E 1/4 - 1/2 (0.414 mi.)	22	36

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].

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		Page	
CHEVRON #9-1875	401 MAIN ST	SE 1/8 - 1/4 (0.164 mi.)	В9	17	
HON PROPERTY	386 UNIVERSITY	SSE 1/4 - 1/2 (0.286 mi.)	C14	25	
PEERS ESTATE	13721 ROBLEDA RD	WSW 1/4 - 1/2 (0.407 mi.)	20	33	
MCELROY LUMBER CO	496 1ST ST	SE 1/4 - 1/2 (0.459 mi.)	E24	43	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
SHELL (FORMER)	45 MAIN ST	ENE 1/4 - 1/2 (0.269 mi.)	13	24	
PACIFIC BELL	61 N SAN ANTONIO RD	ENE 1/4 - 1/2 (0.348 mi.)	18	27	
VILLA ANGELA RESIDENCE	11 ANGELA DR	NE 1/4 - 1/2 (0.384 mi.)	19	32	

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 05/06/2009 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NIELSONS MARTINIZING DRY CLEAN	230 1ST STREET	SE 1/8 - 1/4 (0.129 mi.)	6	10

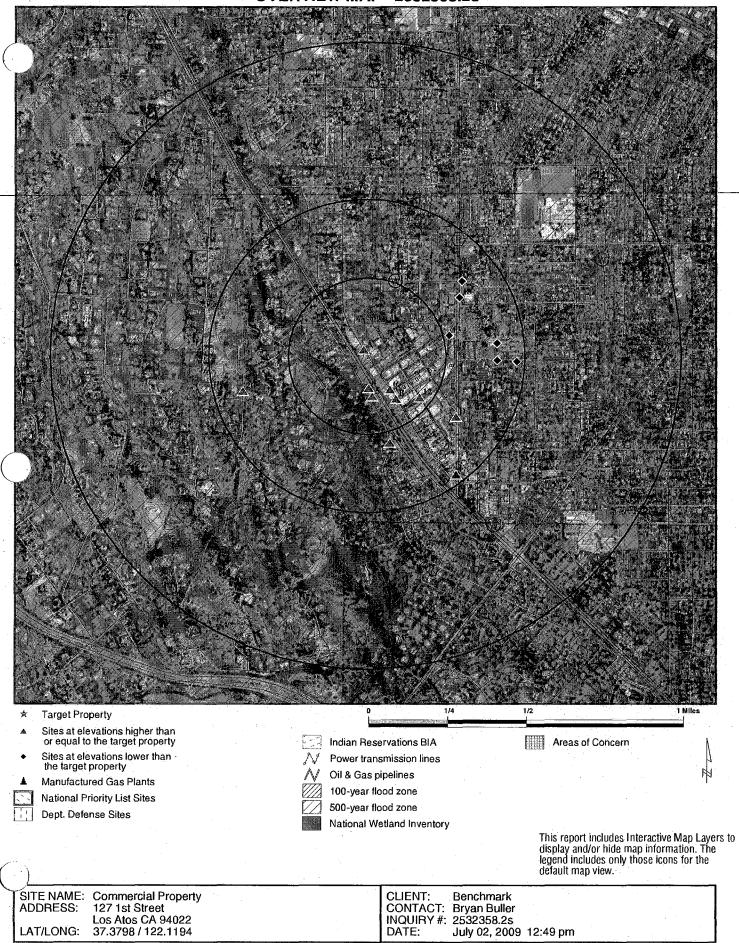
Due to poor or inadequate address information, the following sites were not mapped:

Site Name

LEE PROPERTY LOS ALTOS NURSERY DONS MOBIL SER. LOS ALTOS WELL FIELD HILLVIEW - ELEANOR DONS MOBIL SER. Database(s)

LUST, HIST LUST, HIST CORTESE LUST, HIST LUST, HIST CORTESE CA FID UST, SWEEPS UST CERC-NFRAP CERC-NFRAP HIST UST

## **OVERVIEW MAP - 2532358.2s**

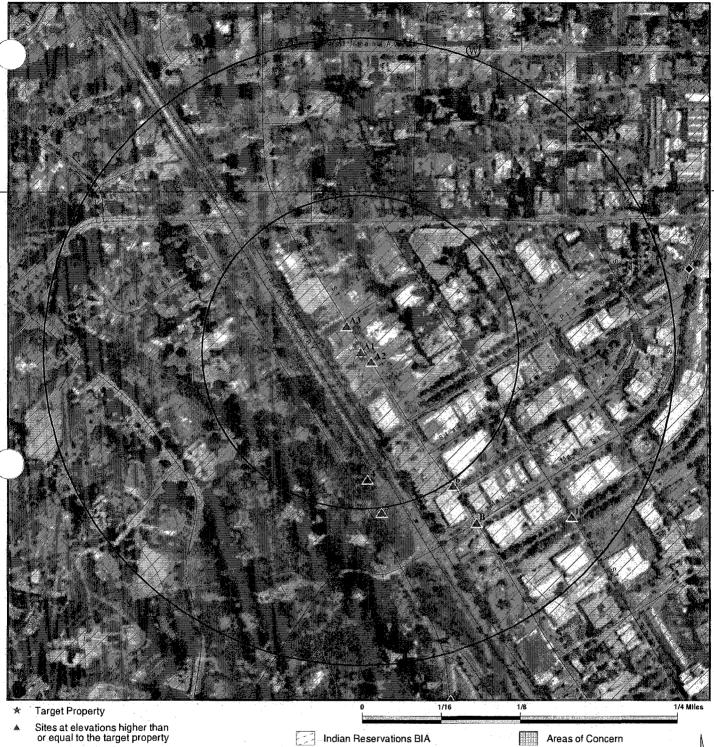


Los Atos CA 94022 37.3798 / 122.1194

LAT/LONG:

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## **DETAIL MAP - 2532358.2s**



Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Oil & Gas pipelines

100-year flood zone 500-year flood zone

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: ADDRESS: **Commercial Property** 

127 1st Street Los Atos CA 94022 LAT/LONG: 37.3798 / 122.1194

CLIENT: Benchmark CONTACT: Bryan Buller INQUIRY#: 2532358.2s

DATE: July 02, 2009 12:49 pm

# MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted
STANDARD ENVIRONMENT	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS		1.000 1.000 TP	0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	e list							
Delisted NPL		1.000	0	0	0	0.	NR	0
Federal CERCLIS list								
CERCLIS		0.500	0	0	. 1	NR	NR .	1
Federal CERCLIS NFRAI	P site List							
CERC-NFRAP	-	0.500	0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities lis	t						
CORRACTS		1.000	0	0 .	0	0 -	NR	0
Federal RCRA non-COR	RACTS TSD fa	cilities list						÷*,
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG		0.250 0.250 0.250	0 0 0	1 2 0	NR NR NR	NR NR NR	NR NR NR	1 2 0
Federal institutional con engineering controls reg		•						
US ENG CONTROLS US INST CONTROL		0.500 0.500	0 0	0 0	0	NR NR	NR NR	0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equiva	lent NPL							
RESPONSE	-	1.000	0	0	1	0	NR	1
State- and tribal - equiva	lent CERCLIS	-						
ENVIROSTOR		1.000	0	0	1	0	NR	1 .
State and tribal landfill a solid waste disposal site								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking s	storage tank lis	its						
LUST		0.500	0	1 ,	10	NŘ	NR	11
SLIC HIST LUST		0.500 0.500	0	1	8	NR NR	NR NR	0 9
			-					

# MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIANILLICT		0.500					ND.	
INDIAN LUST  State and tribal registere	d storage tai	0.500 ak lists	. 0	0,	0	NR	NR	0
UST UST	a storage tar	0.250	0	1	NR	NR	NR	1
AST INDIAN UST		0 <del>.25</del> 0	Θ	O	NR	NR	NR	0
State and tribal voluntary	, cloanun cit	0.250	0	0	NR	NR	NR	0
INDIAN VCP VCP	Cleanup Sik	0.500 0.500	0	0	0	NR NR	NR NR	. 0
ADDITIONAL ENVIRONMEN	TAL RECORD	S	*					
Local Brownfield lists		<b>-</b>						
US BROWNFIELDS		0.500	Ò	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	olid	0.000	•		ŭ	7417		
DEBRIS REGION 9 ODI WMUDS/SWAT SWRCY HAULERS		0.500 0.500 0.500 0.500 TP	0 0 0 0 NR	0 0 0 0 NR	0 0 0 0 .NR	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0
INDIAN ODI  Local Lists of Hazardous  Contaminated Sites	waste /	0.500	0	0	0	NR	NR	0
US CDL HIST Cal-Sites SCH Toxic Pits CDL		TP 1.000 0.250 1.000 TP	NR 0 0 0 NR	NR 0 0 0 0 NR	NR 1 NR 0 NR	NR 0 NR 0 NR	NR NR NR NR NR	0 1 0 0
Local Lists of Registered	Storage Tar	ıks						
CA FID UST HIST UST SWEEPS UST		0.250 0.250 0.250	1 2 1	2 1 2	NR NR NR	NR NR NR	NR NR NR	3 3 3
Local Land Records								
LIENS 2 LUCIS LIENS DEED		TP 0.500 TP 0.500	NR 0 NR 0	NR 0 NR 0	NR 0 NR 0	NR NR NR NR	NR NR NR NR	0 0 0 0
Records of Emergency R	elease Repo	rts						
HMIRS CHMIRS LDS MCS		TP TP TP TP	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0
Other Ascertainable Reco	ords							
RCRA-NonGen		0.250	0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

	Target	Search Distance			<b></b> *			Total
Database	Property	(Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	<u>1/2 - 1</u>	> 1	Plotted
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	ŏ
FUDS		1.000	ŏ	ŏ	ŏ	- ŏ	NR	ŏ
CONSENT		1.000	ŏ	Ö	ŏ	Ö	NR	ŏ
ROD		1.000	ō	. 0	0	0	NR	
UMTRA		0.500	. 0	0	0	NR	NR	0.
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	Ō
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	Ō
PADS		TP ·	NR	NR	NR	NR	NR	Ô
MLTS		TP	NR	NR	NR	NR	NR	Ō
RADINFO		TP	NR	NR	NR	NR	NR	Ō
FINDS		TP	NR	NR	NR	NR	NR	Ö
RAATS		ΤP	NR	NR	NR	NR -	NR	0
CA BOND EXP. PLAN		1.000	0	0	1	0	NR	1
CA WDS		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	ŏ
Cortese		0.500	0	0	1	NR	NR	1
HIST CORTESE		0.500	Ŏ	1	6	NR.	NR	7
SAN JOSE HAZMAT		0.250	ŏ	Ö	NR	NR	NR	Ó
Notify 65		1.000	Ö	Ö	0	0	NR	Ö
DRYCLEANERS		0.250	Õ	1	NR	NR.	NR	1
WIP		0.250	Õ-	0	NR	NR	NR	0
HAZNET	X	TP	NR	NR	NR	NR	NR	Ö
EMI		TP	NR	NR	NR	NR	NR	Ö
INDIAN RESERV		1.000	0	0	0	0	NR	Ö
SCRD DRYCLEANERS		0.500	ŏ	· 0	ŏ ·	NR.	NR	ŏ
00.12 271,022,112,10		0.000	Ŭ	ŭ	Ū			Ü
EDR PROPRIETARY RECOR	RDS							
	<del></del>							
EDR Proprietary Records	;				*			
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Station	ns ·	0.250	Ö	ŏ	NR	NR	NR	Ŏ
EDR Historical Cleaners		0.250	Õ	ŏ	NR	NR	NR	Ö
		3.200	•	·			•••	, ,

## NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID Direction MAP FINDINGS

Distance Elevation

Site

Database(s)

HIST UST

U001594138

N/A

EDR ID Number EPA ID Number

Α1

**CAL WEST LTD** 

Target 127 1ST ST

Property LOS ALTOS, CA 94022 HAZNET \$103627097 N/A

### Site 1 of 3 in cluster A

Telephone:

Actual: 191 ft.

HAZNET:

Gepaid: Contact: CAC001244000 CORPORATION 0000000000 Not reported

Facility Addr2: Mailing Name: Mailing Address:

Not reported 127 1ST ST

Mailing City, St, Zip: Gen County:

LOS ALTOS, CA 940220000

TSD EPA ID:

Santa Clara CAL000027741

TSD County:

Waste Category: Disposal Method: Asbestos-containing waste

Disposal, Land Fill .2528

Tons:

Facility County:

Santa Clara

**A2** SE **GERARD HOMES, INC** 

141 1ST ST

< 1/8

LOS ALTOS, CA 94022

0.011 mi.

59 ft. Site 2 of 3 in cluster A

Relative: Equal

HIST UST:

Region: Facility ID: STATE 00000002575

Actual: 191 ft.

Facility Type: Other Other Type: CONSTRUCTION

Total Tanks: Contact Name: 0001 ED TOWNSEND 4159414141

Telephone: Owner Name:

GERARD HOMES, INC

Owner Address:

141 FIRST ST.

Owner City, St, Zip:

LOS ALTOS, CA 94022

Tank Num: Container Num:

Year Installed: Tank Capacity: Tank Used for:

1978 00002000 **PRODUCT** 

None

001

Type of Fuel: Tank Construction: Leak Detection:

UNLEADED 3/16 inches

Map ID

MAP FINDINGS

Direction Distance

Site Elevation

Database(s)

HIST UST

CA FID UST

SWEEPS UST

S101622961

N/A

**EDR ID Number EPA ID Number** 

U001594143

N/A

А3 NNW L. E. E. ASSOC. 101-111 FIRST ST. LOS ALTOS, CA 94022

< 1/8 0.024 mi. 125 ft.

Site 3 of 3 in cluster A

HIST UST: Relative:

Equal

Region: STATE Facility ID:

Actual: 191 ft.

00000004262 Facility Type: Other STORAGE GAS TANK Other Type:

Total Tanks: Contact Name:

0001 Not reported

Telephone: Owner Name: 4153285998 L. E. E. ASSOCIATES

Owner Address: Owner City,St,Zip:

840 MADONNA WAY LOS ALTOS, CA 94022

Tank Num: Container Num:

Year Installed:

Tank Capacity: Tank Used for: Type of Fuel:

Not reported 00001000 **PRODUCT PREMIUM** Not reported None

001

Tank Construction: Leak Detection:

L. E. E. ASSOC.

South

101 001ST ST LOS ALTOS, CA 94022

< 1/8 0.102 mi.

538 ft.

Relative:

Higher Actual:

200 ft.

CA FID UST:

Facility ID: 43011963 Regulated By: UTNKA Regulated ID: 00004262 Cortese Code: Not reported

SIC Code: Not reported Facility Phone: 4153285998 Mail To: Not reported Mailing Address: 840 MADONNA WAY Mailing Address 2: Not reported

Mailing City, St, Zip: Contact: Contact Phone: **DUNs Number:** 

Not reported Not reported NPDES Number: Not reported EPA ID: Not reported Comments: Not reported

Status:

Active

SWEEPS UST:

Status: Comp Number: Number:

Α 4262

Board Of Equalization: Not reported Ref Date:

Act Date:

07-01-85 Not reported

LOS ALTOS 94022

Not reported

Map ID

MAP FINDINGS

Direction Distance Elevation

Site

Database(s)

CA FID UST

**SWEEPS UST** 

EDR ID Number **EPA ID Number** 

S101622961

S101622956

N/A

L. E. E. ASSOC. (Continued)

Created Date:

02-29-88

Tank Status:

Α

Owner Tank Id:

Swrcb Tank Id: 43-000-004262-000001

Actv Date:

07-01-85

Capacity: Tank Use: 1000

M.V. FUEL

Stg:

Content:

**REG UNLEADED** 

Number Of Tanks:

South 1/8-1/4 **GERARD HOMES, INC** 

141 001ST ST

0.129 mi.

LOS ALTOS, CA 94022

682 ft.

CA FID UST:

Relative: Higher

Actual:

201 ft.

Facility ID:

43011951 Regulated By:

UTNKA Regulated ID: 00002575

Cortese Code:

Not reported Not reported

SIC Code: Facility Phone:

4159414141

Mail To:

Not reported

Mailing Address:

141 001ST ST

Mailing Address 2:

Not reported

Mailing City,St,Zip:

**LOS ALTOS 94022** 

Contact:

Not reported

Contact Phone:

Not reported

DUNs Number: NPDES Number: Not reported

EPA ID:

Not reported Not reported

Comments:

Not reported

Status:

Active

SWEEPS UST:

Status:

Comp Number:

2575

Number:

Board Of Equalization: 44-025700 Ref Date:

07-01-85

Act Date:

Not reported

Created Date:

02-29-88

Tank Status:

Owner Tank Id:

Swrcb Tank Id:

43-000-002575-000001

Actv Date:

07-01-85

Capacity:

2000

Tank Use:

M.V. FUEL

Stg:

Content:

**REG UNLEADED** 

Number Of Tanks:

Map ID Direction MAP FINDINGS

Distance Elevation

Site

Database(s)

RCRA-SQG

**EDR ID Number EPA ID Number** 

1000292289

CAD981985393

6 SE **NIELSONS MARTINIZING DRY CLEANERS** 

230 1ST STREET

1/8-1/4 0.129 mi. 682 ft.

LOS ALTOS, CA 94022

**FINDS HAZNET DRYCLEANERS** 

Relative:

RCRA-SQG:

Higher

Date form received by agency: 03/27/1987

Facility name: Facility address: NIELSENS ONE HR MARTINIZING

Actual: 196 ft.

230 FIRST ST

LOS ALTOS, CA 94022

EPA ID: CAD981985393

Contact: ENVIRONMENTAL MANAGER Contact address: 230 FIRST ST

LOS ALTOS, CA 94022

Contact country:

Contact telephone:

(415) 949-0880 Not reported

Contact email: EPA Region:

09

US

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:

KIL C KWAK

Owner/operator address:

NOT REQUIRED

NOT REQUIRED, ME 99999 Not reported

Owner/operator country:

(415) 555-1212 Owner/operator telephone:

Legal status:

Private

Owner/Operator Type:

Owner

Owner/Op start date: Owner/Op end date:

Not reported Not reported

Owner/operator name:

NOT REQUIRED

Owner/operator address:

**NOT REQUIRED** 

Owner/operator country:

NOT REQUIRED, ME 99999

Owner/operator telephone:

Not reported (415) 555-1212

Legal status:

Private

Owner/Operator Type:

Operator Not reported

Owner/Op start date: Owner/Op end date:

Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:

Unknown Mixed waste (haz. and radioactive): Unknown

Recycler of hazardous waste:

No No

Transporter of hazardous waste:

No

Treater, storer or disposer of HW:

Nο

Underground injection activity: On-site burner exemption:

Unknown

Furnace exemption:

Unknown

Used oil fuel burner:

No

Used oil processor:

No

Site

Database(s)

**EDR ID Number EPA ID Number** 

### **NIELSONS MARTINIZING DRY CLEANERS (Continued)**

1000292289

User oil refiner:

No

Used oil fuel marketer to burner:

No

Used oil Specification marketer: Used oil transfer facility:

No No

Used oil transporter:

No

Off-site waste receiver:

Commercial status unknown

Violation Status:

No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

Registry ID:

110001172463

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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.

HAZNET:

Gepaid:

CAD981985393

Contact:

JIN C LEE

Telephone: Facility Addr2: 4159490880 Not reported

Mailing Name:

Not reported

Mailing Address:

230 1ST ST

Mailing City St Zip:

LOS ALTOS, CA 940222761

Gen County:

Santa Clara

TSD EPA ID:

CAD981397417

TSD County:

Los Angeles

Waste Category:

Halogenated solvents (chloroform, methyl chloride, perchloroethylene,

etc.)

Disposal Method: Tons:

Recycler .5234

Facility County:

Santa Clara

Gepaid:

CAD981985393

Contact:

JIN C LEE

Telephone: Facility Addr2: 4159490880 Not reported

Mailing Name: Mailing Address: Not reported 230 1ST ST

Mailing City, St, Zip:

LOS ALTOS, CA 940222761

Gen County:

Santa Clara

TSD EPA ID:

CAD981397417

TSD County:

Los Angeles

Waste Category:

Not reported

Disposal Method:

Recycler

MAP FINDINGS

Database(s)

EDR ID Number **EPA ID Number** 

### **NIELSONS MARTINIZING DRY CLEANERS (Continued)**

1000292289

Site

.0000

Facility County:

Santa Clara

Gepaid: Contact: CAD981985393 JIN C LEE

Telephone: Facility Addr2: 4159490880 Not reported

Mailing Name: Mailing Address: Not reported 230 1ST ST

Mailing City, St, Zip: Gen County:

LOS ALTOS, CA 940222761

TSD EPA ID:

Santa Clara CA0000084517

TSD County:

Sacramento

Waste Category:

Liquids with halogenated organic compounds > 1000 mg/l

Disposal Method:

Transfer Station .3900

Tons: Facility County:

Santa Clara

Gepaid: Contact: CAD981985393 JIN C LEE OWNER

Telephone:

4159490880 Not reported

Facility Addr2: Mailing Name:

Not reported

Mailing Address:

.230 1ST ST LOS ALTOS, CA 940222761

Mailing City, St, Zip: Gen County:

Santa Clara

TSD EPA ID: TSD County:

Not reported Contra Costa

Waste Category:

Off-specification, aged, or surplus organics

Disposal Method:

**Transfer Station** 

Tons: Facility County: 0.48 Not reported

Gepaid:

CAD981985393

Contact: Telephone: JIN C LEE OWNER

Facility Addr2: Mailing Name: 4159490880 Not reported Not reported

Mailing Address:

230 1ST ST

Mailing City, St, Zip:

LOS ALTOS, CA 940222761

Gen County: TSD EPA ID: Santa Clara Not reported

TSD County:

Contra Costa

Waste Category:

Liquids with halogenated organic compounds > 1000 mg/l

Disposal Method:

Not reported

Tons: Facility County: Not reported Not reported

Click this hyperlink while viewing on your computer to access 21 additional CA HAZNET: record(s) in the EDR Site Report.

CLEANERS:

EPA ld:

CAD981985393

NAICS Code:

81232

**NAICS** Description:

Drycleaning and Laundry Services (except Coin-Operated)

SIC Code:

7216

Create Date:

7/3/1987

Site

MAP FINDINGS

Database(s)

EDR ID Number **EPA ID Number** 

### **NIELSONS MARTINIZING DRY CLEANERS (Continued)**

1000292289

Facility Active:

Yes

Inactive Date: Facility Addr2: Mailing Name:

Not reported Not reported Not reported

Mailing Address: Mailing Address 2: 230 1ST ST Not reported

Mailing State: Mailing Zip:

CA

Region Code:

940222761 JIN C LEE

Owner Name: Owner Address: Owner Address 2:

230 1ST ST Not reported 4159490880

Owner Telephone: Contact Name:

JIN C LEE OWNER

Contact Address: Contact Address 2: 230 1ST ST

Not reported Contact Telephone: 4159490880

SIC Description: 7216 Drycleaning Plants, Except Rug Cleaning

SIC Description: 7212 Garment Pressing, and Agents for Laundries and Drycleaners

SIC Description: 7211 Power Laundries, Family and Commercial

SIC Description: Not reported SIC Description: 7219 Laundry and Garment Services, NEC (except diaper service and clothing

alteration and repair)

EPA Id:

CAD981985393

NAICS Code:

81232

NAICS Description:

Drycleaning and Laundry Services (except Coin-Operated)

SIC Code: Create Date: Facility Active: 7219 7/3/1987 Yes

Inactive Date: Facility Addr2: Mailing Name: Mailing Address: Mailing Address 2:

Not reported Not reported 230 1ST ST Not reported

Not reported

Mailing State: Mailing Zip: Region Code:

CA 940222761

Owner Name: Owner Address: Owner Address 2:

JIN C LEE 230 1ST ST Not reported 4159490880

Owner Telephone: Contact Name: Contact Address:

JIN C LEE OWNER 230 1ST ST

Contact Address 2: Contact Telephone: Not reported 4159490880

SIC Description: 7216

Drycleaning Plants, Except Rug Cleaning

SIC Description: 7212 SIC Description: 7211

Garment Pressing, and Agents for Laundries and Drycleaners Power Laundries, Family and Commercial

SIC Description: Not reported SIC Description:

7219 Laundry and Garment Services, NEC (except diaper service and clothing

alteration and repair)

EPA Id:

CAD981985393 81232

NAICS Code: NAICS Description:

Drycleaning and Laundry Services (except Coin-Operated)

SIC Code:

Site

MAP FINDINGS

.

EDR ID Number EPA ID Number

Database(s)

### **NIELSONS MARTINIZING DRY CLEANERS (Continued)**

1000292289

Create Date: 7/3/1987 Facility Active: Yes

Inactive Date: Not reported
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 230 1ST ST
Mailing Address 2: Not reported
Mailing State: CA

Mailing Zip: 940222761

Region Code:

Owner Name: JIN C LEE
Owner Address: 230 1ST ST
Owner Address 2: Not reported
Owner Telephone: 4159490880
Contact Name: JIN C LEE OWNER

Contact Address: 230 1ST ST Contact Address 2: Not reported Contact Telephone: 4159490880

SIC Description: 7216 Drycleaning Plants, Except Rug Cleaning

SIC Description: 7212 Garment Pressing, and Agents for Laundries and Drycleaners

SIC Description: 7211 Power Laundries, Family and Commercial

SIC Description: Not reported

SIC Description: 7219 Laundry and Garment Services, NEC (except diaper service and clothing

alteration and repair)

EPA ld: CAD981985393

NAICS Code: 8123

NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)

SIC Code: 7212
Create Date: 7/3/1987
Facility Active: Yes
Inactive Date: Not reported

Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 230 1ST ST
Mailing Address 2: Not reported
Mailing State: CA
Mailing Zip: 940222761

Region Code: 2
Owner Name: JIN C LEE
Owner Address: 230 1ST ST
Owner Address 2: Not reported
Owner Telephone: 4159490880

Contact Name: JIN C LEE OWNER
Contact Address: 230 1ST ST
Contact Address 2: Not reported
Contact Telephone: 4159490880

SIC Description: 7216 Drycleaning Plants, Except Rug Cleaning

SIC Description: 7212 Garment Pressing, and Agents for Laundries and Drycleaners

SIC Description: 7211 Power Laundries, Family and Commercial

SIC Description: Not reported

SIC Description: 7219 Laundry and Garment Services, NEC (except diaper service and clothing

alteration and repair)

MAP FINDINGS

Map ID Direction Distance

Elevation

Site

Database(s)

HAZNET

RCRA-LQG

EDR ID Number **EPA ID Number** 

1007200608

CAR000030304

В7 SE **WOLF CAMERA NO RITZ CAMERA CENTERS INC** 

**398 MAIN STREET** 

1/8-1/4 0.164 mi. LOS ALTOS, CA 94022

868 ft.

Site 1 of 5 in cluster B

Relative: Higher

HAZNET:

Gepaid: Contact: CAR000030304

Telephone:

TOM KELLY/DIRECTOR OPERATIONS 3014793305

Actual: 197 ft.

Facility Addr2: Mailing Name: Mailing Address: Not reported Not reported **6711 RITZ WY** 

Mailing City, St, Zip: Gen County:

BELTSVILLE, MD 20705 Santa Clara

TSD EPA ID:

CAD003963592 Santa Clara

TSD County: Waste Category:

Photochemicals/photoprocessing waste

Disposal Method:

Transfer Station

Tons: **Facility County:**  0.25 Santa Clara

Gepaid:

CAR000030304

Not reported

Contact:

TOM KELLY/DIRECTOR OPERATIONS

Telephone: Facility Addr2: 3014793305 Not reported

Mailing Name: Mailing Address:

6711 RITZ WY BELTSVILLE, MD 20705

Mailing City, St, Zip: Gen County:

Santa Clara

TSD EPA ID: TSD County: CAD003963592 Santa Clara

Waste Category:

Photochemicals/photoprocessing waste

Disposal Method: Tons:

H010 3.71

Facility County:

Santa Clara

Gepaid: Contact: CAR000030304

Telephone:

TOM KELLY/DIRECTOR OPERATIONS 3014793305

Facility Addr2: Mailing Name:

Not reported Not reported **6711 RITZ WY** 

Mailing Address: Mailing City, St, Zip:

BELTSVILLE, MD 20705

Gen County: TSD EPA ID: Santa Clara CAD003963592 Santa Clara

TSD County: Waste Category:

Photochemicals/photoprocessing waste

Disposal Method:

Not reported

Tons: Facility County: 0.25

Not reported

Gepaid:

CAR000030304

Contact: Telephone: Facility Addr2: TOM KELLY/DIRECTOR OPERATIONS 3014793305

Mailing Name:

Not reported Not reported

Mailing Address:

**6711 RITZ WY** 

Mailing City, St, Zip:

BELTSVILLE, MD 20705

Site

Database(s)

EDR ID Number **EPA ID Number** 

### WOLF CAMERA NO RITZ CAMERA CENTERS INC (Continued)

1007200608

Gen County:

Santa Clara

TSD EPA ID: TSD County:

CAD003963592 Santa Clara

Waste Category:

Photochemicals/photoprocessing waste

Disposal Method:

Not reported 0.25

Tons: Facility County:

Not reported

Click this hyperlink while viewing on your computer to access -1 additional CA HAZNET: record(s) in the EDR Site Report.

### RCRA-LQG:

Date form received by agency: 10/12/2000

Facility name:

WOLF CAMERA NO RITZ CAMERA CENTERS INC

Site name:

WOLF CAMERA & 962

Facility address:

398 MAIN STREET LOS ALTOS, CA 94022

EPA ID:

CAR000030304

Mailing address:

4955 MARCONI DRIVE

ALPHARETTA, GA 30005

Contact:

JAMES LEAGAN

Contact address:

Not reported Not reported

Contact country: Contact telephone: Not reported (678) 297-9653

Telephone ext.:

8897

Contact email:

Not reported

EPA Region:

Classification:

Large Quantity Generator

Description:

Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

hazardous waste during any calendar month, and accumulates more than

100 kg of that material at any time

Handler Activities Summary:

U.S. importer of hazardous waste: Mixed waste (haz. and radioactive): Recycler of hazardous waste:

Unknown Unknown Unknown Unknown

Treater, storer or disposer of HW: Underground injection activity: On-site burner exemption:

Transporter of hazardous waste:

No Unknown Unknown Unknown

Furnace exemption: Used oil fuel burner: Used oil processor:

Unknown Unknown

User oil refiner: Used oil fuel marketer to burner: Used oil Specification marketer:

Unknown Unknown Unknown

Map ID Direction MAP FINDINGS

Distance Elevation

Site

Database(s)

HAZNET

HIST LUST

**SWEEPS UST** 

HIST CORTESE

LUST

EDR ID Number **EPA ID Number** 

1007200608

UST U004049679

N/A

S103657495

N/A

WOLF CAMERA NO RITZ CAMERA CENTERS INC (Continued)

Used oil transfer facility:

Used oil transporter: Off-site waste receiver: Unknown

Commercial status unknown

Violation Status:

No violations found

Unknown

**B8** SE VILLAGE CHEVRON

401 MAIN ST. 1/8-1/4 LOS ALTOS, CA 94022

0.164 mi. 868 ft.

Site 2 of 5 in cluster B

Relative: Higher

UST:

Global ID:

10197

Latitude:

37.37759759

Actual: 197 ft.

Longitude:

-122.117687

**B9** 

**CHEVRON #9-1875** 

SE **401 MAIN ST** 

LOS ALTOS, CA 94022

1/8-1/4 0.164 mi.

868 ft.

Site 3 of 5 in cluster B

Relative:

Higher

HAZNET:

Gepaid:

CAL000029729

Not reported

Not reported

Contact: Telephone: CHERVON PRODUCTS CO 9258425931

Actual: 197 ft.

Facility Addr2: Mailing Name:

Mailing Address:

PO BOX 6004 Mailing City, St, Zip: SAN RAMON, CA 945830000

Gen County:

Santa Clara CAD009452657

TSD EPA ID:

TSD County:

Waste Category:

Disposal Method:

Unspecified organic liquid mixture Recycler

Tons:

.7923

San Mateo

Facility County:

Santa Clara

Gepaid:

CAL000029729

Contact:

KATHY NORRIS 9258425931

Telephone: Facility Addr2:

Not reported

Mailing Name: Mailing Address: Not reported PO BOX 6004

Mailing City, St, Zip:

SAN RAMON, CA 945830000

Gen County:

Santa Clara

TSD EPA ID:

Not reported

TSD County:

Contra Costa

Waste Category:

Other empty containers 30 gallons or more

Disposal Method:

Recycler

Tons: Facility County: 0.3 Not reported

Gepaid:

CAL000029729

Contact:

CHERVON PRODUCTS CO

Telephone:

9258425931

Site

MAP FINDINGS

Database(s)

EDR ID Number **EPA ID Number** 

S103657495

### CHEVRON #9-1875 (Continued)

Facility Addr2:

Mailing Name:

Not reported Not reported PO BOX 6004

Mailing Address: Mailing City, St, Zip:

SAN RAMON, CA 945830000

Gen County:

Santa Clara

TSD EPA ID: TSD County:

CAD009452657 San Mateo

Waste Category:

Unspecified organic liquid mixture

Disposal Method: Tons:

Recycler 1.8555

Facility County:

Santa Clara

Gepaid:

CAL000029729

Contact: Telephone: CHERVON PRODUCTS CO 9258425931

Facility Addr2: Mailing Name: Not reported Not reported PO BOX 6004

Mailing Address: Mailing City, St, Zip:

SAN RAMON, CA 945830000

Gen County:

Santa Clara CAD009452657

TSD EPA ID: TSD County:

San Mateo

Waste Category:

Unspecified organic liquid mixture Recycler

Disposal Method: Tons:

1,6263

Facility County:

Santa Clara

Gepaid: Contact:

CAL000029729 CHERVON PRODUCTS CO

Telephone: Facility Addr2: 9258425931 Not reported

Mailing Name: Mailing Address:

Not reported PO BOX 6004

Mailing City, St, Zip:

SAN RAMON, CA 945830000

Gen County:

Santa Clara CAD009452657

TSD EPA ID: TSD County:

San Mateo

Waste Category:

Unspecified organic liquid mixture

Disposal Method:

Not reported .4170

Tons: Facility County:

Santa Clara

Click this hyperlink while viewing on your computer to access 17 additional CA\_HAZNET: record(s) in the EDR Site Report.

LUST:

Region:

STATE

Global Id: Latitude:

T0608502130 37.374343 -122.114372

Longitude: Case Type:

LUST Cleanup Site

Status: Status Date: Completed - Case Closed 1996-10-01 00:00:00

Lead Agency:

SANTA CLARA VALLEY WATER DISTRICT

Case Worker:

Not reported

Local Agency:

SANTA CLARA VALLEY WATER DISTRICT

RB Case Number:

Not reported

Map ID Direction Distance

MAP FINDINGS

Elevation Site

Database(s)

**EDR ID Number EPA ID Number** 

### CHEVRON #9-1875 (Continued)

S103657495

LOC Case Number:

06S2W30R05f Soil

File Location:

Stored electronically as an E-file

Potential Media Affect:

Gasoline

Potential Contaminats of Concern:

Site History:

Not reported

### LUST:

Region:

Facility ld: Facility Status:

Not reported Case Closed

Case Number: How Discovered: 06S2W30R05f Not reported

Leak Cause: Leak Source:

Not reported Not reported

Date Leak Confirmed:

Not reported LUST

Oversight Program: Prelim. Site Assesment Wokplan Submitted:

Not reported 9/7/1995

Preliminary Site Assesment Began: Pollution Characterization Began: Pollution Remediation Plan Submitted:

Not reported Not reported

Date Remediation Action Underway: Date Post Remedial Action Monitoring Began: Not reported

Not reported

### LUST SANTA CLARA:

Region: SCVWD ID: SANTA CLARA 06S2W30R05f

Closed Date:

10/1/1996

### HIST LUST SANTA CLARA:

Region:

SANTA CLARA

Region Code:

SCVWD ID: 06S2W30R05 Oversite Agency: **SCVWD** 

Date Listed:

1996-03-06 00:00:00

Closed Date:

1996-10-01 00:00:00

### SWEEPS UST:

Status:

Comp Number:

62160 2

Number: Board Of Equalization:

44-031913

Ref Date:

09-17-93 04-01-94

Act Date: Created Date:

02-29-88

Tank Status:

Owner Tank Id:

WC5524C 43-000-062160-000001

Swrcb Tank Id:

10-01-93

Actv Date: Capacity:

10000

M.V. FUEL

Tank Use:

Stg:

Content:

**REG UNLEADED** 

Number Of Tanks:

4

Status:

Site

MAP FINDINGS

Database(s)

EDR ID Number **EPA ID Number** 

S103657495

CHEVRON #9-1875 (Continued)

Comp Number:

62160

Number:

Board Of Equalization: 44-031913

Ref Date:

09-17-93

Act-Date:

Created Date:

04-01-94

02-29-88

Tank Status:

Owner Tank Id:

WC5524C

Swrcb Tank Id:

43-000-062160-000002

Actv Date:

10-01-93

Capacity:

10000

Tank Use:

M.V. FUEL

Stg:

Content:

Number Of Tanks:

PRM UNLEADED Not reported

Status:

Comp Number:

62160

Number:

2

Board Of Equalization:

44-031913

Ref Date:

09-17-93

Act Date:

04-01-94

Created Date:

02-29-88

Tank Status:

Owner Tank Id:

WC5524C

Swrcb Tank Id:

43-000-062160-000003

Actv Date: Capacity:

09-17-93

10000

Tank Use:

M.V. FUEL

Stg:

Content:

PLUS UNLEADED

Number Of Tanks:

Not reported

Status:

Comp Number:

62160

Number:

Board Of Equalization: 44-031913

Ref Date:

09-17-93

Act Date:

04-01-94

Created Date:

02-29-88

Tank Status: Owner Tank Id:

WC5524C

Swrcb Tank Id:

43-000-062160-000004

Actv Date:

09-17-93

Capacity:

Tank Use:

1000 OIL

Stg:

W

Content: Number Of Tanks: WASTE OIL Not reported

CORTESE:

Region:

CORTESE

Facility County Code:

43

Reg By: Reg Id:

LTNKA 43-0326 Map ID Direction Distance

Elevation

Site

Database(s)

HIST UST

**EDR ID Number** EPA ID Number

U001594126

N/A

B10

91875

SE

1/8-1/4 0.164 mi. 401 MAIN ST

LOS ALTOS, CA 94022

868 ft. Site 4 of 5 in cluster B

Relative:

HIST UST:

Higher

Actual: 197 ft.

Region:

Facility ID: Facility Type: STATE 00000062160 Gas Station Not reported

Other Type: Total Tanks: 0004

Contact Name:

RULLHAUSEN, HENRY L

Telephone:

4159489837

Owner Name:

CHEVRON U.S.A. INC.

Owner Address:

575 MARKET

Owner City, St, Zip:

SAN FRANCISCO, CA 94105

Tank Num:

Container Num: Year Installed:

001 1969 00010000

002

1969

003

1969 00010000

004

1969

3

2

Tank Capacity: Tank Used for: Type of Fuel:

**PRODUCT** Not reported 0000250 unknown

Tank Construction: Leak Detection:

Stock Inventor

Tank Num:

Container Num:

Year Installed: Tank Capacity: Tank Used for:

00005000 **PRODUCT** Not reported 0000250 unknown

Type of Fuel: Tank Construction: Leak Detection:

Stock Inventor

Tank Num:

Container Num:

Year Installed: Tank Capacity:

Tank Used for:

**PRODUCT** Type of Fuel: Not reported Tank Construction: 0000250 unknown Leak Detection: Stock Inventor

Tank Num:

Container Num: Year Installed:

Tank Capacity: Tank Used for: Type of Fuel:

00001000 WASTE Not reported

Tank Construction: Leak Detection:

0000130 unknown Stock Inventor

Map ID

MAP FINDINGS

Direction Distance Elevation

Site

Database(s)

EDR ID Number **EPA ID Number** 

**B11** SE

91875

**401 MAIN ST** 

1/8-1/4

LOS ALTOS, CA 94022

0.164 mi.

868 ft.

Site 5 of 5 in cluster B

CA FID UST \$101622946 N/A

RCRA-SQG 1010562082

CAR000186619

HAZNET

Relative:-

Actual:

197 ft.

Higher

CA FID UST: Facility ID:

Regulated By: **UTNKA** Regulated ID: 00062160 Cortese Code: Not reported SIC Code: Not reported Facility Phone: 4159489837

Mail To: Mailing Address: Mailing Address 2:

Mailing City, St, Zip:

Not reported 401 MAIN ST Not reported **LOS ALTOS 94022** Not reported

43000522

Contact: Contact Phone: **DUNs Number:** NPDES Number: EPA ID: Comments:

Not reported Not reported Not reported Not reported Not reported Active

12 SE 1/8-1/4 **WALGREENS NO 7088 303 2ND ST** 

LOS ALTOS, CA 94022

0.213 mi. 1123 ft.

Relative: Higher

Actual:

193 ft.

RCRA-SQG:

Status:

Date form received by agency: 08/20/2007

Facility name:

WALGREENS NO 7088 Facility address: 303 2ND ST

EPA ID:

LOS ALTOS, CA 94022

Contact:

CAR000186619 ALI ANJUM

Contact address:

303 2ND ST

Contact country:

LOS ALTOS, CA 94022 US

Contact telephone: Contact email:

847-914-3195

EPA Region:

Not reported

09 Small Small Quantity Generator

Classification: 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: Owner/operator address: WALGREENS Not reported

Owner/operator country:

Not reported Not reported

Owner/operator telephone:

Not reported

Legal status:

Private Operator

Site

MAP FINDINGS

Database(s)

EDR ID Number **EPA ID Number** 

WALGREENS NO 7088 (Continued)

1010562082

Owner/Op start date:

Owner/Op end date:

06/20/2003 Not reported

Owner/operator name:

**WALGREENS** Not reported

Owner/operator address:

Not reported

Owner/operator country: Owner/operator telephone: Not reported

Legal status:

Not reported

Owner/Operator Type:

Private Owner

Owner/Op start date: Owner/Op end date:

06/20/2003 Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:

No Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: Nο

Transporter of hazardous waste:

No

Treater, storer or disposer of HW:

No

Underground injection activity:

No No

On-site burner exemption:

Furnace exemption: Used oil fuel burner: No

Used oil processor:

No No

User oil refiner:

No

Used oil fuel marketer to burner: Used oil Specification marketer:

Νo No

Used oil transfer facility:

Nο

Used oil transporter:

Off-site waste receiver:

Commercial status unknown

Hazardous Waste Summary:

Waste code:

D011

Waste name:

**SILVER** 

Violation Status:

No violations found

HAZNET:

Gepaid:

CAR000186619

Contact:

ALI ANJUM

Telephone:

8479143195

Facility Addr2:

Not reported

Mailing Name:

Not reported

Mailing Address:

303 2ND ST LOS ALTOS, CA 940220000

Mailing City, St, Zip: Gen County:

Santa Clara

TSD EPA ID:

TSD County:

CAD981402522

Kern Photochemicals/photoprocessing waste

Waste Category: Disposal Method:

H010

Tons:

0.65

Facility County:

Santa Clara

MAP FINDINGS

Map ID Direction Distance

Elevation Site

Database(s)

LUST

EDR ID Number EPA ID Number

S103880891

N/A

13 ENE SHELL (FORMER) 45 MAIN ST

1/4-1/2

LOS ALTOS, CA 94022

HIST LUST HIST CORTESE

0.269 mi. 1421 ft.

Relative:

LUST:

Lower Actual:

177 ft.

Region: Global Id:

Latitude: Longitude:

Case Type:

Status:

Status Date: Lead Agency:

Case Worker: Local Agency:

RB Case Number: LOC Case Number:

File Location: Potential Media Affect:

Potential Contaminats of Concern: Site History:

STATE

T0608500089 37.380843 -122.113338

**LUST Cleanup Site** Completed - Case Closed 1992-08-27 00:00:00 SANTA CLARA VALLEY WATER DISTRICT

Not reported SANTA CLARA VALLEY WATER DISTRICT

Not reported 06S2W30J01f Stored on Microfiche

Soil

Gasoline

Not reported

LUST:

Region:

Facility Id: Not reported Facility Status: Case Closed 06S2W30J01f Case Number: 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: 6/1/1992 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

HIST LUST SANTA CLARA:

SANTA CLARA Region: Region Code:

SCVWD ID: 06S2W30J01

Oversite Agency: SCVWD Date Listed: 1992-05-06 00:00:00 Closed Date: 1992-08-27 00:00:00

CORTESE:

Reg Id:

Region: Facility County Code: Reg By:

43 LTNKA 43-0017

CORTESE

TC2532358.2s Page 24

Map ID

MAP FINDINGS

Direction

Distance Elevation

Site

Database(s)

HIST CORTESE \$103472903

LUST

HIST LUST

**SWEEPS UST** 

N/A

S103474330

N/A

EDR ID Number **EPA ID Number** 

C14 SSE HON PROPERTY **386 UNIVERSITY** 

1/4-1/2

LOS ALTOS, CA 94305

0.286 mi.

1510 ft. Site 1 of 2 in cluster C

Relative

Higher Actual:

209 ft.

Region: Facility County Code:

Reg By:

CORTESE:

Reg Id:

CORTESE

43 LTNKA 43-1854

STATE

C15

**HON RESIDENCE** SSE 1/4-1/2

386 UNIVERSITY AVE LOS ALTOS, CA 94022

0.286 mi. 1510 ft.

Site 2 of 2 in cluster C

Relative: Higher

Actual:

209 ft.

LUST:

Region:

Global Id:

T0608501780 37,375079 Latitude: Longitude: -122.1173 LUST Cleanup Site

Case Type: Status: Status Date:

Completed - Case Closed 1995-10-10 00:00:00 SANTA CLARA VALLEY WATER DISTRICT

Lead Agency: Case Worker:

Not reported SANTA CLARA VALLEY WATER DISTRICT

Local Agency: RB Case Number:

Not reported

LOC Case Number: File Location:

06S2W30R03f Stored electronically as an E-file

Potential Media Affect:

Potential Contaminats of Concern:

Heating Oil / Fuel Oil

Site History:

Not reported

LUST:

Region:

Facility Id: Facility Status: Not reported Case Closed 06S2W30R03f

Case Number: How Discovered: Leak Cause:

Leak Source:

Not reported Not reported Not reported Not reported

Date Leak Confirmed: Oversight Program:

LUST

Prelim. Site Assesment Wokplan Submitted: Not reported Preliminary Site Assesment Began: Pollution Characterization Began:

Pollution Remediation Plan Submitted: Date Remediation Action Underway:

Not reported Not reported Not reported Not reported

Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Region: SCVWD ID: SANTA CLARA 06S2W30R03f

Closed Date:

10/10/1995

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s)

LUST

**HIST LUST** 

S103880893

N/A

EDR ID Number **EPA ID Number** 

### **HON RESIDENCE (Continued)**

S103474330

HIST LUST SANTA CLARA:

Region:

SANTA CLARA

Region Code:

SCVWD ID:

06S2W30R03

Oversite Agency: SCVWD

Date Listed:

1994-04-20 00:00:00

Closed Date:

1995-10-10 00:00:00

SWEEPS UST:

Status:

Not reported

Comp Number:

9494

Number:

Not reported

Board Of Equalization:

44-035726

Ref Date:

Not reported

Act Date:

Not reported

Created Date:

Not reported

Tank Status;

Not reported

Owner Tank Id:

Not reported

Swrcb Tank Id:

43-000-009494-000001

Actv Date:

Not reported

Capacity:

550

Tank Use:

OIL **PRODUCT** 

Stg: Content:

**HEATING OIL** 

Number Of Tanks:

D16 SE

**UNOCAL #5957** 

330 S SAN ANTONIO RD LOS ALTOS, CA 94022

1/4-1/2

0.343 mi.

1809 ft. Site 1 of 2 in cluster D

Relative: Higher

Actual:

198 ft.

LUST:

Region:

Facility Id:

Not reported

Facility Status: Case Number:

**Pollution Characterization** 06S2W30R01f

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 5/22/1991

Preliminary Site Assesment Began:

Pollution Characterization Began: Pollution Remediation Plan Submitted: 12/12/1991

Date Remediation Action Underway:

Not reported

Date Post Remedial Action Monitoring Began: Not reported

Not reported

LUST SANTA CLARA:

Region: SCVWD ID: SANTA CLARA 06S2W30R01f

Closed Date:

Not reported

HIST LUST SANTA CLARA:

Region:

SANTA CLARA

Map ID Direction MAP FINDINGS

Distance

Elevation

Site

Database(s)

RCRA-SQG

CA FID UST

**HIST UST** 

HIST LUST

**SWEEPS UST HIST CORTESE** 

**FINDS** 

LUST

HAZNET

1000251159

CAT080019912

EDR ID Number EPA ID Number

UNOCAL #5957 (Continued)

Region Code:

SCVWD ID:

06S2W30R01 Oversite Agency: SCCDEH

Date Listed:

1985-01-01 00:00:00

STATE

T0608502323

37.377154172

Not reported

06\$2W30R01f

21-028

-122.114498769

**LUST Cleanup Site** 

Open - Remediation

2005-11-04 00:00:00

SANTA CLARA COUNTY LOP

SANTA CLARA COUNTY LOP

Stored electronically as an E-file

Closed Date:

Not reported

D17

UNOCAL #5957

SE 1/4-1/2 330 S. SAN ANTONIO ROAD LOS ALTOS, CA 94022

0.343 mi.

1809 ft.

Site 2 of 2 in cluster D

Relative: Higher

Actual:

198 ft.

LUST:

Region:

Global Id:

Latitude:

Longitude: Case Type:

Status:

Status Date: Lead Agency:

Case Worker: Local Agency: **RB** Case Number:

LOC Case Number: File Location:

Potential Media Affect:

Aquifer used for drinking water supply Potential Contaminats of Concern: Gasoline

Site History:

61 N SAN ANTONIO RD

LOS ALTOS, CA 94022

**PACIFIC BELL** 

Not reported

18. ENE

1/4-1/2 0.348 mi.

1839 ft.

Relative: Lower

Actual:

171 ft.

RCRA-SQG:

Date form received by agency: 09/01/1996 PACIFIC BELL Facility name:

Facility address:

61 N SAN ANTONIO RD LOS ALTOS, CA 94022

EPA ID:

Mailing address:

CAT080019912

2 NORTH SECOND ST ROOM 1125

SAN JOSE, CA 95113 Not reported

Contact: Contact address:

Not reported Not reported

09

Contact country: Not reported Contact telephone: Not reported Contact email: Not reported

EPA Region:

Classification:

Small Small Quantity Generator

S103880893

LUST S109285911

N/A

Site

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

PACIFIC BELL (Continued)

1000251159

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:
Owner/operator address:

THE PACIFIC TELEPHONE AND TELEGRAPH CO

NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country:
Owner/operator telephone:

Not reported (415) 555-1212

Legal status:

Private

Owner/Operator Type: Owner/Op start date: Owner/Op end date: Owner Not reported Not reported

Owner/operator name: Owner/operator address:

NOT REQUIRED NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country:

Not reported

Owner/operator telephone: Legal status:

(415) 555-1212 Private Operator

Owner/Operator Type: Owner/Op start date: Owner/Op end date:

Not reported Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown Mixed waste (haz. and radioactive): Unknown

Recycler of hazardous waste: Transporter of hazardous waste: Treater, storer or disposer of HW: No No

Treater, storer or disposer of HW Underground injection activity: On-site burner exemption:

No Unknown

Furnace exemption: Used oil fuel burner: Used oil processor: Unknown No No

No

User oil refiner:
Used oil fuel marketer to burner:
Used oil Specification marketer:
Used oil transfer facility:

No No

Used oil transporter:

No No No

Off-site waste receiver:

Commercial status unknown

Historical Generators:

Date form received by agency: 01/19/1981
Facility name: PACIFIC BELL

Classification:

Large Quantity Generator

Violation Status:

No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

Registry ID:

110002948810

Site

MAP FINDINGS

Database(s)

**EDR ID Number EPA ID Number** 

#### **PACIFIC BELL (Continued)**

1000251159

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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.

HAZNET:

Gepaid:

CAT080019912

Contact:

SHARON BAYLE/STAFF ASSOC

Telephone:

9258675741

Facility Addr2:

Not reported

Mailing Name:

Not reported

Mailing Address: Mailing City, St, Zip: PO BOX 5095 RM 3E000

Gen County:

SAN RAMON, CA 945830995 Santa Clara

TSD EPA ID:

Not reported

TSD County:

Los Angeles

Waste Category: Disposal Method: Aqueous solution with 10% or more total organic residues

Tons:

Recycler 0.04

Facility County:

Not reported

Gepaid: Contact:

CAT080019912 PACIFIC BELL

Telephone: Facility Addr2:

9258236161 Not reported

Mailing Name:

Not reported

Mailing Address: Mailing City, St, Zip: RM 3E000 SAN RAMON, CA 945830995

Gen County: TSD EPA ID:

Santa Clara CAD009466392

TSD County:

Waste Category:

Empty containers less than 30 gallons

Disposal Method:

Recycler

Tons:

.1500

Facility County:

Santa Clara

Gepaid: Contact: CAT080019912 PACIFIC BELL 9258236161

Telephone: Facility Addr2:

Not reported Not reported

Mailing Name: Mailing Address:

RM 3E000 SAN RAMON, CA 945830995

Mailing City, St, Zip: Gen County: TSD EPA ID:

Santa Clara

TSD County:

CAD981382732

Waste Category:

Asbestos-containing waste

Disposal Method:

Disposal, Land Fill

Site

MAP FINDINGS

Database(s)

EDR ID Number **EPA ID Number** 

1000251159

**PACIFIC BELL (Continued)** 

Tons:

2.1070

**Facility County:** 

Santa Clara

Gepaid: Contact: CAT080019912

Telephone:

EH & S. RECORDKEEPER-RRC 8005669347

Facility Addr2: Mailing Name:

Not reported Not reported

Mailing Address: Mailing City, St, Zip:

308 S AKARD RM 900 DALLAS, TX 752025399

Gen County:

Santa Clara CAD008302903

TSD EPA ID: TSD County:

Los Angeles

Waste Category:

Off-specification, aged, or surplus organics

Disposal Method:

H061

Tons:

0.1

Facility County:

Santa Clara

Gepaid: Contact: CAT080019912 PACIFIC BELL 9258236161

Telephone: Facility Addr2:

Not reported Not reported

Mailing Name: Mailing Address:

RM 3E000 SAN RAMON, CA 945830995

Mailing City, St, Zip: Gen County:

Santa Clara CAD981388952

TSD EPA ID: TSD County:

Shasta Asbestos-containing waste

Waste Category: Disposal Method:

Disposal, Land Fill

Tons:

.1500

Facility County: Santa Clara

> Click this hyperlink while viewing on your computer to access 3 additional CA\_HAZNET: record(s) in the EDR Site Report.

LUST:

Region:

STATE

Global Id: Latitude: Longitude:

T0608501964 37.382494 -122.114026

Case Type: Status:

LUST Cleanup Site Completed - Case Closed 1998-07-01 00:00:00

Status Date:

SANTA CLARA VALLEY WATER DISTRICT

Lead Agency: Case Worker:

Not reported

Local Agency:

SANTA CLARA VALLEY WATER DISTRICT

RB Case Number: LOC Case Number:

Not reported 06S2W29E02f

File Location:

Stored electronically as an E-file

Potential Media Affect:

Soil Diesel

Potential Contaminats of Concern: Site History:

Not reported

LUST:

Region:

2

MAP FINDINGS

Map ID Direction Distance Elevation

Site

Database(s)

EDR ID Number **EPA ID Number** 

1000251159

## **PACIFIC BELL (Continued)**

Facility Id: Facility Status: Not reported Case Closed 06S2W29E02f

Case Number: How Discovered: Leak Cause:

Leak Source:

Not reported Not reported Not reported

Date Leak Confirmed:

Not reported

Oversight Program:

LUST

Prelim. Site Assesment Wokplan Submitted: Preliminary Site Assesment Began:

Pollution Characterization Began: Pollution Remediation Plan Submitted:

Not reported Not reported

Not reported

Not reported

Date Remediation Action Underway:

Not reported

Date Post Remedial Action Monitoring Began: Not reported

## LUST SANTA CLARA:

Region:

SANTA CLARA

SCVWD ID: Closed Date: 06S2W29E02f 7/1/1998

## CA FID UST:

Facility ID:

43010955

Regulated By: Regulated ID:

UTNKA 00057529

Cortese Code: SIC Code:

Not reported Not reported 4155426758

Facility Phone: Mail To: Mailing Address:

Not reported 370 003RD ST

Mailing Address 2: Mailing City, St, Zip: Not reported **LOS ALTOS 94022** 

Contact: Contact Phone: DUNs Number: Not reported Not reported Not reported Not reported

NPDES Number: EPA ID: Comments:

Not reported Not reported

Status:

Active

## HIST UST:

Region:

STATE

Facility ID: Facility Type: 00000057529 Other

Other Type:

SIC 4800 0001

Total Tanks: Contact Name:

E.J. KOEHLER 4155426758

Telephone: Owner Name:

PACIFIC BELL 370 THIRD STREET

Owner Address: Owner City,St,Zip:

SAN FRANCISCO, CA 94107

Tank Num:

001

Container Num: Year Installed:

1971

Tank Capacity: Tank Used for:

00006000 **PRODUCT** 

MAP FINDINGS

Site

Database(s)

EDR ID Number EPA ID Number

1000251159

**PACIFIC BELL (Continued)** 

Type of Fuel: Tank Construction: Not reported

DIESEL

Leak Detection:

None

HIST-LUST SANTA GLARA:

Region:

SANTA CLARA

Region Code:

SCVWD ID: 06S2W29E02

Oversite Agency: SCVWD

Date Listed:

1998-07-01 00:00:00

Closed Date:

1998-07-01 00:00:00

SWEEPS UST:

Status:

Comp Number:

57529

Number:

Board Of Equalization: 44-025806

Ref Date:

07-01-85

Act Date:

Not reported

Created Date:

02-29-88

Tank Status:

Owner Tank Id:

Swrcb Tank Id:

43-000-057529-000001

Actv Date: Capacity:

07-01-85

6000

Tank Use:

M.V. FUEL

Stg:

Content:

DIESEL

Number Of Tanks:

1

CORTESE:

Region:

CORTESE

Facility County Code:

43 LTNKA

Reg By: Reg ld:

43-2139

19

**VILLA ANGELA RESIDENCE** 

NE 1/4-1/2 11 ANGELA DR

LOS ALTOS, CA 94022

0.384 mi.

LUST HIST LUST

2029 ft.

Relative:

LUST:

Lower Actual: Region:

Global Id: Latitude:

STATE T0608501563

166 ft.

37.383293 Longitude: -122.112024 Case Type:

Status: Status Date: **LUST Cleanup Site** Completed - Case Closed

Lead Agency:

1989-09-26 00:00:00 SANTA CLARA VALLEY WATER DISTRICT

Case Worker:

Not reported

Local Agency:

SANTA CLARA VALLEY WATER DISTRICT Not reported

RB Case Number: LOC Case Number:

06S2W29E01f

File Location:

Stored electronically as an E-file

S103472899

N/A

**HIST CORTESE** 

MAP FINDINGS

Database(s)

EDR ID Number **EPA ID Number** 

S103472899

VILLA ANGELA RESIDENCE (Continued)

Potential Media Affect: Soil

Potential Contaminats of Concern: Kerosene Not reported

Site History:

LUST:

Site

Region:

Facility Id: Not reported

Case Closed Facility Status: Case Number: 06S2W29E01f

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: 6/19/1989 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: 06S2W29E01f

Closed Date: 9/26/1989

HIST LUST SANTA CLARA:

Region: SANTA CLARA

Region Code:

SÇVWD ID: 06S2W29E01 Oversite Agency: SCVWD

Date Listed: 1989-01-01 00:00:00 Closed Date: 1989-09-26 00:00:00

CORTESE:

CORTESE Region:

Facility County Code:

43 Reg By: LTNKA

Reg Id:

43-1608

20 **PEERS ESTATE** WSW 13721 ROBLEDA RD

1/4-1/2 UNINCORPORATED, CA 94022

0.407 mi. 2151 ft.

HAZNET: Relative: Higher

Gepaid: CAC000908968

Contact: **ELIZABETH G PEERS LVNG TRUST** Actual: Telephone: 0000000000

194 ft. Facility Addr2:

Not reported Mailing Name: Not reported Mailing Address: 13721 ROBLEDA

Mailing City, St, Zip: LOS ALTOS, CA 940220000

Gen County: Santa Clara

TSD EPA ID: CAD009466392 S102435054

N/A

HAZNET

HIST LUST

**HIST CORTESE** 

LUST

Site

MAP FINDINGS

Database(s)

EDR ID Number **EPA ID Number** 

PEERS ESTATE (Continued)

S102435054

TSD County:

Waste Category: Disposal Method: Other empty containers 30 gallons or more Recycler

Tons:

.2750

Facility County:

Santa Clara

LUST:

Region:

STATE

Global Id: Latitude:

T0608537102 Not reported Not reported

Longitude: Case Type: Status:

**LUST Cleanup Site** Completed - Case Closed

Status Date:

1996-05-28 00:00:00

Lead Agency:

SANTA CLARA VALLEY WATER DISTRICT

Case Worker:

Not reported

Local Agency:

SANTA CLARA VALLEY WATER DISTRICT

RB Case Number: LOC Case Number: Not reported 06S2W30M01f

File Location:

Stored electronically as an E-file

Potential Media Affect:

Soil

Potential Contaminats of Concern: Site History:

Gasoline Not reported

LUST:

Region:

Facility Id:

Not reported Case Closed

Facility Status: Case Number: How Discovered:

06S2W30M01f Not reported

Leak Cause: Leak Source:

Not reported Not reported

Date Leak Confirmed:

Oversight Program:

Not reported

LUST

Prelim. Site Assesment Wokplan Submitted:

Not reported

Preliminary Site Assesment Began:

Not reported

Pollution Characterization Began: Pollution Remediation Plan Submitted: Not reported Not reported

Date Remediation Action Underway:

Not reported Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Region:

SANTA CLARA

SCVWD ID: Closed Date: 06S2W30M01f 5/28/1996

HIST LUST SANTA CLARA:

Region:

SANTA CLARA

Region Code:

SCVWD ID: Oversite Agency: SCVWD

06S2W30M01

Date Listed:

1996-05-28 00:00:00

1996-05-28 00:00:00

MAP FINDINGS

Site

Database(s)

CERCLIS

**FINDS** 

**EDR ID Number EPA ID Number** 

PEERS ESTATE (Continued)

S102435054

1000293149

CAD982400202

CORTESE:

Region:

CORTESE

Facility County Code:

43 LTNKA

Reg By: Reg ld:

43-2046

21 East **HILLVIEW MAINTENANCE YARD** 

ADJ TO 97 HILLVIEW AVE, NRBY DRY CLEANER

LOS ALTOS, CA 94022

1/4-1/2 0.412 mi. 2177 ft.

Relative: Lower

CERCLIS:

Site ID: Federal Facility:

NPL Status:

0903430

Not a Federal Facility

Actual:

Not on the NPL

178 ft.

Non NPL Status:

SI Start Needed

CERCLIS Site Contact Name(s):

Contact Name:

Karen Jurist

Contact Tel:

(415) 972-3219

Contact Title:

Site Assessment Manager (SAM)

Contact Name:

Jeff Inalis

Contact Tel:

(415) 972-3095

Contact Title:

Site Assessment Manager (SAM)

Contact Name:

Carl Brickner

Contact Tel: Contact Title: (415) 972-3814 Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS Assessment History:

Action:

DISCOVERY

Date Started:

Not reported

Date Completed: Priority Level:

05/01/1988

Not reported

Action: Date Started: PRELIMINARY ASSESSMENT

Date Completed:

Not reported 12/13/1989

Priority Level:

Low priority for further assessment

FINDS:

Other Pertinent Environmental Activity Identified at Site

Registry ID:

110009329413

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

MAP FINDINGS

Map ID Direction Distance Elevation

Site

Database(s)

EDR ID Number **EPA ID Number** 

S101482393

N/A

22 East **HILLVIEW - ELEANOR AREA PLUME** 

1/4-1/2

BTW HILLVIEW; ELEANOR AVE / SAN ANTONIO RD

LOS ALTOS, CA 94022

0.414 mi. 2187 ft.

Cortese RESPONSE

**ENVIROSTOR HIST Cal-Sites** 

Relative:

Cortese:

Lower Actual:

175 ft.

Region: Envirostor Id:

Site/Facility Type: Cleanup Status:

STATE RESPONSE **BACKLOG** 

Status Date: Site Code:

10/5/2005 200047

CORTESE

43490059

Latitude: Longitude: 37.378900000000002

-122.1103

ÂWP:

AWP Facility ID: Region Code:

43490059

Region:

**BERKELEY** 

SMBR Branch Code:

NORTH COAST

SMBR Branch Unit: Site Name.:

Not reported 07012004

**Current Status Date: Current Status:** 

ANNUAL WORKPLAN - ACTIVE SITE

Lead Agency Code:

DTSC

Lead Agency: Facility Type:

DEPT OF TOXIC SUBSTANCES CONTROL

**LTORP** 

Awp Site Type:

LONG TERM ORPHAN SITE Not Listed

NPL:

Tier Of AWP Site: Not reported Source Of Funding: Responsible Staff Member: Not reported Supervisor Responsible: Not reported

SIC Code:

11

Facility SIC:

**ELECTRIC, GAS & SANITARY SERVICES** 

**RWQCB Code:** Not reported Not reported RWQCB Associated With Site: Site Access Controlled: Not reported Site Listed HWS List: Not reported Hazard Ranking Score: Not reported Not reported Date Site Hazard Ranked: Groundwater Contamination: Confirmed

# Of Contamination Sources:

Lat/Long: Not reported Lat/Long (dms): 000/000 Lat/long Method: Not reported Description Of Entity: Not reported 21

State Assembly Distt Code: State Senate District:

RESPONSE:

Facility ID: 43490059 Site Type: State Response

State Response or NPL Site Type Detail:

Not reported Acres: National Priorities List:

Cleanup Oversight Agencies: SMBRP

Database(s)

**EDR ID Number EPA ID Number** 

### **HILLVIEW - ELEANOR AREA PLUME (Continued)**

S101482393

Lead Agency:

Lead Agency Description:

Project Manager: Supervisor: Division Branch:

Site Code:

Assembly:

Senate:

NONE SPECIFIED Not reported Not reported Mark Piros

Not reported Backlog

Berkeley 200047 21 11

Special Program Status:

Status: Status Date:

2005-10-05 00:00:00 NO

Restricted Use:

Funding: Orphan Funds 37.3789 Latitude: Longitude: -122.1103 Alias Name: P21030 Alias Type: **PCode** 

Alias Name: CAD982400053 Alias Type: **EPA Identification Number** 

Alias Name:

200047 Alias Type: Project Code (Site Code)

Alias Name: Alias Type: Alias Name: 110033614863

EPA (FRS #) 43490059

**Envirostor ID Number** 

APN:

NONE SPECIFIED Not reported

APN Description: Comments:

Alias Type:

Completed RA. Two wells, California Water Service well #110 and City

of Los Altos well #10, were abandoned and properly destroyed. Issued I & SE Order.Issued I & SE Determination.Fact Sheet on ongoing field

work.

Completed Info:

Completed Area Name: Completed Sub Area Name: Completed Document Type:

PROJECT WIDE Not reported **Fact Sheets** 

Completed Date:

1988-08-15 00:00:00

Completed Area Name: Completed Sub Area Name:

PROJECT WIDE Not reported Completed Document Type:

Completed Date:

Amendment - Order/Agreement

1992-03-26 00:00:00

Completed Area Name: Completed Sub Area Name: PROJECT WIDE Not reported

Completed Document Type:

Unilateral Order (I/SE, RAO, CAO, EPA AO)

Completed Date:

1991-01-15 00:00:00

Completed Area Name:

PROJECT WIDE Not reported

Completed Sub Area Name: Completed Document Type:

Removal Action Completion Report

Completed Date:

1992-11-06 00:00:00

Confirmed:

Confirmed Description:

30116

Future Area Name: Future Sub Area Name: Carbon tetrachloride Not reported Not reported

MAP FINDINGS

Map ID Direction Distance Elevation

Site

Database(s)

**EDR ID Number** EPA ID Number

#### **HILLVIEW - ELEANOR AREA PLUME (Continued)**

S101482393

Future Document Type:

Future Due Date:

Not reported 30116

Media Affected:

Media Affected Desc:

Not reported

Not reported

Management:

Management Required:

NONE SPECIFIED

Management Required Desc:

Not reported

Potential:

AQUI, WELL

Potenital Description: Potenital Description:

Not reported

Schedule Area Name:

Not reported Not reported

Schedule Sub Area Name: Schedule Document Type:

Not reported Not reported

Schedule Due Date: Schedule Revised Date: Not reported. Not reported

PastUse:

NONE SPECIFIED

## **ENVIROSTOR:**

Site Type:

State Response

Site Type Detailed:

State Response or NPL

Acres:

Not reported

NPL:

NO

Regulatory Agencies:

**SMBRP** 

Lead Agency:

NONE SPECIFIED Not reported

Program Manager: Supervisor:

Mark Piros

Division Branch: Facility ID:

Berkeley 43490059

Site Code: Assembly: 200047

Senate:

21 11

Special Program: Status:

Not reported Backlog

Status Date:

2005-10-05 00:00:00

Restricted Use: Funding:

NO Orphan Funds 37.3789

Latitude: Longitude:

-122.1103

Alias Name: Alias Type:

P21030 **PCode** 

Alias Name:

CAD982400053

Alias Type:

**EPA Identification Number** 

Alias Name:

200047

Alias Type:

Project Code (Site Code) 110033614863

Alias Name: Alias Type:

EPA (FRS #) 43490059

Alias Name: Alias Type:

**Envirostor ID Number** 

APN:

NONE SPECIFIED

APN Description:

Comments:

Completed RA. Two wells, California Water Service well #110 and City of Los Altos well #10, were abandoned and properly destroyed. Issued I & SE Order Issued I & SE Determination. Fact Sheet on ongoing field

work.

Site

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

#### **HILLVIEW - ELEANOR AREA PLUME (Continued)**

S101482393

Completed Info:

Completed Area Name: Completed Sub Area Name:

PROJECT WIDE Not reported **Fact Sheets** 

Completed Document Type: Completed Date:

1988-08-15.00:00:00

Completed Area Name:

Completed Sub Area Name: Completed Document Type:

Completed Date:

Not reported Amendment - Order/Agreement

PROJECT WIDE

1992-03-26 00:00:00

Completed Area Name: Completed Sub Area Name:

Completed Document Type:

Completed Date:

PROJECT WIDE Not reported

Unilateral Order (I/SE, RAO, CAO, EPA AO)

1991-01-15 00:00:00

Completed Area Name:

Completed Sub Area Name: Completed Document Type:

Completed Date:

PROJECT WIDE

Not reported

Removal Action Completion Report

1992-11-06 00:00:00

Carbon tetrachloride

Confirmed:

Confirmed Description:

Future Area Name: Future Sub Area Name:

Future Document Type: Future Due Date: Media Affected:

Media Affected Desc:

Not reported Not reported 30116 Not reported

Not reported

Not reported

30116

Management:

Management Required: Management Required Desc.

Potential: Potenital Description: Potenital Description: Schedule Area Name:

Schedule Sub Area Name: Schedule Document Type: Schedule Due Date: Schedule Revised Date:

PastUse:

NONE SPECIFIED

Not reported AQUI, WELL Not reported Not reported Not reported Not reported Not reported

Not reported Not reported NONE SPECIFIED

HISTORICAL CAL-SITES:

Facility ID:

43490059

Region: Region Name:

**BERKELEY** 

Branch:

NC NORTH COAST

Branch Name: File Name:

Not reported

State Senate District:

07012004

Status:

AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE ANNUAL WORKPLAN - ACTIVE SITE

Status Name:

DTSC

Lead Agency: Lead Agency:

DEPT OF TOXIC SUBSTANCES CONTROL

Facility Type:

**LTORP** 

Type Name:

LONG TERM ORPHAN SITE

Database(s)

EDR ID Number EPA ID Number

### **HILLVIEW - ELEANOR AREA PLUME (Continued)**

S101482393

NPL:

Not Listed

SIC Code:

49

SIC Name: Access: ELECTRIC, GAS & SANITARY SERVICES

Access:

Not reported Not reported

Cortese: N Hazardous Ranking Score:

Not reported Not reported Confirmed

Groundwater Contamination: Staff Member Responsible for Site: Supervisor Responsible for Site:

Date Site Hazard Ranked:

Not reported Not reported Not reported

Region Water Control Board: Region Water Control Board Name: Lat/Long Direction:

Not reported Not reported 0 0 0 / 0 0 0

Lat/Long (dms): Lat/long Method: Lat/Long Description:

Not reported Not reported 21

State Assembly District Code: State Senate District Code:

11 43490059 ORDER

Facility ID: Activity: Activity Name:

I/SE, IORSE, FFA, FFSRA, VCA, EA

AWP Code: ISE Proposed Budget: 0

AWP Completion Date:

Revised Due Date:

Comments Date:

0

Not reported
Not reported
01151991

Est Person-Yrs to complete: 0
Estimated Size: Not reported

Request to Delete Activity:
Activity Status:

Not reported BKLG BACKLOG - POTENTIAL AWP SITE

Definition of Status: B 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: 434

Facility ID: 43490059
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA

AWP Code: ISED
Proposed Budget: 0
AWP Completion Date: Not reported

AWP Completion Date: Not reported Revised Due Date: Not reported Comments Date: 03261992 Est Person-Yrs to complete: 0

Estimated Size: Not reported Request to Delete Activity: Not reported

Activity Status: BKLG
Definition of Status: BACKLOG - POTENTIAL AWP SITE

Liquids Removed (Gals): 0 Liquids Treated (Gals): 0

Database(s)

**EDR ID Number EPA ID Number** 

### **HILLVIEW - ELEANOR AREA PLUME (Continued)**

S101482393

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: For Industrial Reuse: For Residential Reuse: Unknown Type:

Facility ID: Activity:

Activity Name: REMOVAL ACTION AWP Code: **WELLS** 

n

n

43490059

Proposed Budget: **AWP Completion Date:** Not reported Revised Due Date: Not reported Comments Date: 11061992 Est Person-Yrs to complete:

Estimated Size: Not reported Request to Delete Activity:

Not reported **Activity Status: BKLG** Definition of Status: **BACKLOG - POTENTIAL AWP SITE** 

Liquids Removed (Gals): Liquids Treated (Gals): Action Included Capping: Not reported

Well Decommissioned: Action Included Fencing: Not reported

Removal Action Certification:

**Activity Comments:** TWO WELLS ABANDONED AND PROPERLY DESTROYED.

For Commercial Reuse: For Industrial Reuse: For Residential Reuse: Unknown Type:

Alternate Address: Alternate City, St, Zip: Background Info:

BTW HILLVIEW; ELEANOR AVE&SAN ANTONIO RD

LOS ALTOS, CA 94022

This site consists of two wells serving the City of Los Altos and parts of Sunnyvale, Mountain View, and Cupertino. Levels of carbon tetrachloride between 4 and 17 parts per billion (ppb) have been found in groundwater from the wells. No point of contamination has been confirmed. The most probable receptors are the people who may inhale carbon tetrachloride vapor from the use and treatment of water from the contaminated wells: this includes people served by the California Water Service well, local residents, and the children who attend the local day care center. Since 1986, extensive remedial investigation activities have been conducted at the site, including a search of historical chemical use in the area, drilling bore holes to determine sub-surface lithology, and a soil gas survey. A 1990 activity stabilized the site by discontinuing the lifting of contaminated water to the surface thus preventing the release of carbon tetrachloride vapor to the ambient air. This action also included sampling the well water column stratigraphically to further investigate the vertical extent of the contamin- ation. In 1985, DHS referred this site to EPA for consideration for listing on the NPL. The site was rejected as a candidate for the NPL.

Comments Date:

01151991

Database(s)

EDR ID Number EPA ID Number

## HILLVIEW - ELEANOR AREA PLUME (Continued)

S101482393

Comments:

Issued I & SE Order.

Comments Date:

01251991

Comments:

DHS received EPA Federal Investigation Team SSI Reassessment

Comments Date:

Comments:

Report. EPA is taking no further action as of 09/10/90. 03261992

Comments Date: Comments:

Issued I & SE Determination.

Comments Date:

07251991

Comments:

Comments Date:

Two wells have been found to be contaminated with levels of

Comments:

carbon tetrachloride above the state primary MCL. No point

Comments Date:

Comments:

source has been confirmed, although three potential sources have

Comments Date: Comments:

07251991

Comments Date:

been identified. Site is located between corner of Hillview and 07251991

Comments:

Comments Date:

Eleanor Avenues, and San Antonio Road. 11061992

Comments:

Completed RA. Two wells, California Water Service well #110 and

Comments Date:

Comments:

City of Los Altos well #10, were abandoned and properly

Comments Date:

11061992 destroyed.

Comments:

CALSTARS CODE

ID Name: ID Value:

200047

ID Name:

BEP DATABASE PCODE

ID Value:

P21030

ID Name:

**EPA IDENTIFICATION NUMBER** 

ID Value: Alternate Name: CAD982400053 HILLVIEW - ELEANOR AREA PLUME

Special Programs Code: Not reported Special Programs Name: Not reported

E23

**MCELROY LUMBER** 

SE 1/4-1/2 496 1ST ST

HIST LUST

S105032701 LUST N/A

0.459 mi.

LOS ALTOS, CA 94022

2426 ft.

Site 1 of 4 in cluster E

Relative:

LUST:

Region:

STATE

Higher

Global.ld: T0608501872 Latitude: 37.373942

Actual: 212 ft.

Longitude: -122.113137 Case Type:

Status:

LUST Cleanup Site Completed - Case Closed

Status Date:

1995-04-06 00:00:00

Lead Agency:

SANTA CLARA VALLEY WATER DISTRICT

Case Worker: Local Agency: Not reported SANTA CLARA VALLEY WATER DISTRICT

RB Case Number:

Not reported

LOC Case Number:

06S2W30R04f

File Location:

Stored electronically as an E-file

Potential Media Affect:

Soil

Potential Contaminats of Concern:

Diesel

Site History:

Not reported

Database(s)

HIST UST

HIST CORTESE

U001594152

N/A

EDR ID Number EPA ID Number

### MCELROY LUMBER (Continued)

S105032701

LUST:

Region:

Facility Id: Facility Status: Not reported Case Closed

Case Number:

06S2W30R04f Not reported

How Discovered: 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:

Not reported Not reported

Pollution Characterization Began:

Not reported

Pollution Remediation Plan Submitted:

Date Remediation Action Underway:

Not reported

Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Region:

SANTA CLARA

SCVWD ID: Closed Date: 06S2W30R04f 4/6/1995

HIST LUST SANTA CLARA:

Region:

SANTA CLARA

Region Code:

SCVWD ID:

06S2W30R04

Oversite Agency: SCVWD

Date Listed:

1995-02-14 00:00:00

Closed Date:

1995-04-06 00:00:00

E24 SE

MCELROY LUMBER CO LOS ALTOS, CA 94022

496 1ST ST

1/4-1/2

2426 ft.

0.459 mi.

Relative: Higher

Actual:

212 ft.

HIST UST:

Region: Facility ID: STATE

Facility Type:

Site 2 of 4 in cluster E

00000004149

Other Type:

Other **LUMBER SALES** 

Total Tanks:

0002

Contact Name:

Not reported

Telephone:

4159482501

Owner Name:

MCELROY LUMBER CO

Owner Address:

496 FIRST STREET

Owner City, St, Zip:

LOS ALTOS, CA 94022

Tank Num:

Container Num:

Year Installed:

001 1976

Tank Capacity:

00001000

Tank Used for:

**PRODUCT** 

Type of Fuel:

DIESEL

Tank Construction:

Not reported

Leak Detection:

Stock Inventor

Map ID Direction Distance

MAP FINDINGS

Elevation Site

Database(s)

**EDR ID Number EPA ID Number** 

U001594152

U001594128

N/A

LUST

HIST UST

HIST LUST

MCELROY LUMBER CO (Continued)

Tank Num:

Container Num:

Year Installed:

1979 Tank Capacity: 00001000

Tank Used for: Type of Fuel:

Tank Construction: Leak Detection:

**PRODUCT** REGULAR

002

В

Not reported Stock Inventor

CORTESE:

Region:

CORTESE

Facility County Code:

Reg By:

43 **LTNKA** 

Reg Id:

43-2034

E25

SE 1/4-1/2 **CHEVRON #9-5215** 470 S SAN ANTONIO RD LOS ALTOS, CA 94022

0.472 mi. 2491 ft.

Site 3 of 4 in cluster E

Relative: Higher

Actual:

LUST:

Region:

Facility Id:

Not reported Facility Status: Remedial action (cleanup) Underway

212 ft. Case Number:

06S2W30R06f How Discovered: Not reported

Leak Cause: Leak Source:

Not reported Not reported Date Leak Confirmed: Not reported

Oversight Program:

LUST

Prelim. Site Assesment Wokplan Submitted: Not reported Preliminary Site Assesment Began: 7/16/1998 Pollution Characterization Began: 1/7/1999 Not reported

Pollution Remediation Plan Submitted: Date Remediation Action Underway:

1/7/1999

Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Region:

SANTA CLARA 06S2W30R06f

SCVWD ID: Closed Date:

Not reported

HIST UST:

Region:

STATE

Facility ID: Facility Type: 00000062721 **Gas Station** Not reported

Other Type: Total Tanks:

0004

Contact Name: ZIMMERMAN, ARTHUR

Telephone: Owner Name: 4159482247 CHEVRON U.S.A. INC.

Owner Address:

575 MARKET

Owner City,St,Zip:

SAN FRANCISCO, CA 94105

Tank Num:

001

Site

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

U001594128

CHEVRON #9-5215 (Continued)

Container Num:

Year Installed: Tank Capacity: Tank Used for:

Type of Fuel:

00008000 **PRODUCT** Not reported 0000250 unknown

Not reported

Tank Construction: Leak Detection:

Stock Inventor

002

Tank Num:

Container Num:

Year Installed:

Not reported 00008000 Tank Capacity: Tank Used for: **PRODUCT** Type of Fuel: Not reported 0000250 unknown Tank Construction:

Leak Detection:

Stock Inventor

Tank Num: Container Num:

003

Year Installed: Tank Capacity: Tank Used for: Type of Fuel:

Not reported 000080000 **PRODUCT** Not reported 0000250 unknown

Leak Detection:

Tank Construction:

Stock Inventor

004

Tank Num: Container Num:

Year Installed: Tank Capacity: Tank Used for:

Type of Fuel:

Not reported 00001000 WASTE Not reported 0000250 unknown

Tank Construction: Leak Detection:

Stock Inventor

HIST LUST SANTA CLARA:

Region:

SANTA CLARA

Region Code:

SCVWD ID:

06S2W30R06 Oversite Agency: SCCDEH

Date Listed:

1998-11-02 00:00:00

Closed Date:

Not reported

E26

**CHEVRON #9-5215** 

SE 1/4-1/2 470 S. SAN ANTONIO ROAD LOS ALTOS, CA 94022

0.473 mi. 2498 ft.

Site 4 of 4 in cluster E

Relative: Higher

LUST:

STATE

Actual: 212 ft.

Global Id: Latitude:

T0608502364 37.374386702 -122.114485237 LUST Cleanup Site

Case Type: Status:

Open - Verification Monitoring

Status Date:

2007-03-06 00:00:00

TC2532358.2s Page 45

LUST

S109285921 N/A

Region:

Longitude:

Site

MAP FINDINGS

Database(s)

**EDR ID Number** EPA ID Number

CHEVRON #9-5215 (Continued)

S109285921

Lead Agency: Case Worker: SANTA CLARA COUNTY LOP

Local Agency:

Not reported

RB Case Number:

SANTA CLARA COUNTY LOP

LOC Case Number:

13-029 06S2W30R06f

File Location:

Stored electronically as an E-file Aquifer used for drinking water supply

Potential Media Affect: Potential Contaminats of Concern:

Gasoline

Site History:

Not reported

27 East **HILLVIEW-ELEANOR AREA PLUME** 

CA BOND EXP. PLAN S100833363

N/A

1/4-1/2

**NEAR CORNER OF HILLVIEW AND ELEANOR AVENUES** 

LOS ALTOS, CA 94022

0.474 mi. 2504 ft.

Relative:

CA BOND EXP. PLAN:

Reponsible Party:

DETAILED SITE EXPENDITURE PLAN Not reported

Lower Actual:

175 ft.

Project Revenue Source Company: Project Revenue Source Addr:

Not reported

Project Revenue Source City, St, Zip: Not reported

Project Revenue Source Desc:

No responsible parties or other potential revenue sources have been identified.

It appears at this time that it will be necessary to utilize Bond funds to remediate this site. If Bond funds are expended, the Department will undertake appropriate cost recovery action. In 1985, DHS referred this site to EPA for consideration for listing on the NPL. The site was rejected as a candidate for

the NPL.

Site Description:

This site is a municipal well serving the City of Los Altos and parts of Sunnyvale, Mountain View and Cupertino. The site is owned by the California

Water Service company.

Hazardous Waste Desc:

Carbon tetrachloride, a metal cleaning solvent, has been detected in this well and in a nearby irrigation well. Concentrations up to 17.1 micrograms per liter

(ug/l) have been detected.

Threat To Public Health & Env:

The direct threat to public health is by drinking, irrigating, or coming into

direct contact with contaminated water. The contamination plume may spread to

other wells and/or aquifers.

Site Activity Status:

No potential responsible parties have been identified. Remedial investigations have been initiated by DHS to identify the source of contaminants. California Water Service currently is using air-stripping techniques to treat water prior to returning it to the system. No treatment of water from irrigation wells occurs prior to use on orchards. A soil gas survey was conducted on September

17-18, 1987 to identify potential sources of contamination. Field investigations to determine regional hydrogeologic characteristics and

determine potential contaminant sources are ongoing.



City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ALTOS	1003878724	LOS ALTOS WELL FIELD	COR OF HILL VIEW & ELEANOR	94022	CERC-NFRAP
LOS ALTOS	1003879379	HILLVIEW - ELEANOR	HILLVIEW - ELEANOR	94022	CERC-NFRAP
LOS ALTOS	S101622953	DONS MOBIL SER.	LOS ALTOS	94022	CA FID UST, SWEEPS UST
LOS ALTOS	U001594134	DONS MOBIL SER.	LOS ALTOS	94022	HIST UST
LOS ALTOS HILLS	S103472913	LEE PROPERTY	1400 TRACY CT	94022	LUST, HIST LUST, HIST CORTESE
UNINCORPORATED	S102432751	LOS ALTOS NURSERY	245 HAWTHORNE AVE	94022	LUST, HIST LUST, HIST CORTESE

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: 06/04/2009 Date Data Arrived at EDR: 06/05/2009 Date Made Active in Reports: 06/17/2009

Number of Days to Update: 12

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 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: 12/15/2008 Date Data Arrived at EDR: 12/16/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 90

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Quarterly

## State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisiting

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

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: 04/02/2008 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 1 Telephone: 617-918-1102 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

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: 05/27/2009 Date Data Arrived at EDR: 05/27/2009 Date Made Active in Reports: 06/15/2009 Number of Days to Update: 19

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/27/2009

Next Scheduled EDR Contact: 08/24/2009 Data Release Frequency: Quarterly

## ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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: 02/02/2009 Date Data Arrived at EDR: 02/12/2009 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 46

Source: EPA

Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/27/2009

**NPL Site Boundaries** 

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 3 Telephone 215-814-5418

**FPA Region 4** 

Telephone 404-562-8033

EPA Region 5

Telephone 312-886-6686

**EPA Region 10** 

Telephone 206-553-8665

Telephone: N/A

Data Release Frequency: Quarterly

EPA Region 6

Telephone: 214-655-6659

**EPA Region 7** 

Telephone: 913-551-7247

**EPA Region 8** 

Telephone: 303-312-6774

**EPA Region 9** 

Telephone: 415-947-4246

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: 04/23/2009 Date Data Arrived at EDR: 04/28/2009

Date Made Active in Reports: 05/19/2009

Number of Days to Update: 21

Source: EPA Telephone: N/A

Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/27/2009 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: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 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: 02/02/2009 Date Data Arrived at EDR: 02/12/2009 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 46

Source: EPA Telephone: N/A

Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/27/2009

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: 01/09/2009 Date Data Arrived at EDR: 01/30/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 101

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 05/29/2009

Next Scheduled EDR Contact: 07/13/2009 Data Release Frequency. Quarterly

### 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: 12/03/2007 Date Data Arrived at EDR: 12/06/2007 Date Made Active in Reports: 02/20/2008

Number of Days to Update: 76

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 06/15/2009

Next Scheduled EDR Contact: 09/14/2009 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: 03/25/2009 Date Data Arrived at EDR: 04/02/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 39

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 06/01/2009

Next Scheduled EDR Contact: 08/31/2009 Data Release Frequency: Quarterly

## Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Transporters, 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: 11/12/2008 Date Data Arrived at EDR: 11/18/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 118

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 04/23/2009

Next Scheduled EDR Contact: 07/20/2009 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: 11/12/2008 Date Data Arrived at EDR: 11/18/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 118

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 04/23/2009

Next Scheduled EDR Contact: 07/20/2009 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: 11/12/2008 Date Data Arrived at EDR: 11/18/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 118

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 04/23/2009

Next Scheduled EDR Contact: 07/20/2009 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: 11/12/2008 Date Data Arrived at EDR: 11/18/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 118

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 04/23/2009

Next Scheduled EDR Contact: 07/20/2009 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: 03/31/2009 Date Data Arrived at EDR: 04/22/2009 Date Made Active in Reports: 05/05/2009

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/29/2009

Next Scheduled EDR Contact: 09/28/2009

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: 03/31/2009 Date Data Arrived at EDR: 04/22/2009 Date Made Active in Reports: 05/05/2009

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/29/2009

Next Scheduled EDR Contact: 09/28/2009

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: 12/31/2008 Date Data Arrived at EDR: 01/30/2009 Date Made Active in Reports: 05/19/2009

Number of Days to Update: 109

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 05/12/2009

Next Scheduled EDR Contact: 07/20/2009 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: 05/27/2009 Date Data Arrived at EDR: 05/27/2009 Date Made Active in Reports: 06/15/2009

Number of Days to Update: 19

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/27/2009

Next Scheduled EDR Contact: 08/24/2009 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: 05/27/2009 Date Data Arrived at EDR: 05/27/2009 Date Made Active in Reports: 06/15/2009

Number of Days to Update: 19

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/27/2009

Next Scheduled EDR Contact: 08/24/2009 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 inventory 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: 03/09/2009 Date Data Arrived at EDR: 03/10/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 29

Source: Integrated Waste Management Board

Telephone: 916-341-6320 Last EDR Contact: 03/10/2009

Next Scheduled EDR Contact: 06/08/2009 Data Release Frequency: Quarterly

### State and tribal leaking storage tank lists

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-L-UST-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: 04/13/2009

Next Scheduled EDR Contact: 07/13/2009
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: 05/04/2009

Next Scheduled EDR Contact: 08/03/2009

Data Release Frequency: Varies

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: 06/01/2009

Next Scheduled EDR Contact: 08/31/2009
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: 05/18/2009

Next Scheduled EDR Contact: 08/17/2009 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: 06/29/2009

Next Scheduled EDR Contact: 09/28/2009 Data Release Frequency: No Update Planned

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: 04/08/2009. Date Data Arrived at EDR: 04/08/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 33

Source: State Water Resources Control Board

Telephone: see region list Last EDR Contact: 04/08/2009

Next Scheduled EDR Contact: 07/06/2009 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

Telephone: 707-570-3769

Last EDR Contact: 05/18/2009 Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: No Update Planned

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)

Source:- Galifornia-Regional-Water-Quality-Gontrol-Board-North-Goast-(1)

Telephone: 510-622-2433 Last EDR Contact: 04/07/2009

Next Scheduled EDR Contact: 07/06/2009 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: 05/11/2009

Next Scheduled EDR Contact: 08/10/2009 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: 06/22/2009

Next Scheduled EDR Contact: 09/21/2009 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: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Quarterly

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: 04/08/2009 Date Data Arrived at EDR: 04/08/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 33

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 04/08/2009

Next Scheduled EDR Contact: 07/06/2009 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: 05/18/2009 Next Scheduled EDR Contact: 08/17/2008 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: 04/07/2009

Next Scheduled EDR Contact: 07/06/2009 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: 05/11/2009

Next Scheduled EDR Contact: 08/10/2009 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: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

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: 06/28/2009

Next Scheduled EDR Contact: 09/28/2009 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: 06/28/2009

Next Scheduled EDR Contact: 09/28/2009 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: 06/01/2009 Next Scheduled EDR Contact: 08/31/2009 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: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 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: 06/28/2009

Next Scheduled EDR Contact: 09/28/2009 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: 05/26/2009

Next Scheduled EDR Contact: 08/24/2009 Data Release Frequency: Annually

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: 12/15/2008 Date Data Arrived at EDR: 12/16/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 90

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/20/2009 Date Data Arrived at EDR: 05/20/2009 Date Made Active in Reports: 05/29/2009

Number of Days to Update: 9

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 06/04/2009 Date Data Arrived at EDR: 06/05/2009 Date Made Active in Reports: 06/17/2009 Number of Days to Update: 12

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs-on-Indian-land-in-lowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009 Date Data Arrived at EDR: 05/20/2009 Date Made Active in Reports: 06/17/2009

Number of Days to Update: 28

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/20/2009

Next Scheduled EDR Contact: 08/17/2009 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: 06/01/2009 Date Data Arrived at EDR: 06/03/2009 Date Made Active in Reports: 06/17/2009

Number of Days to Update: 14

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Quarterly

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: 02/19/2009 Date Data Arrived at EDR: 02/19/2009 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 25

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009

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: 02/24/2009 Date Data Arrived at EDR: 03/03/2009 Date Made Active in Reports: 05/05/2009

Number of Days to Update: 63

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 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: 04/08/2009 Date Data Arrived at EDR: 04/08/2009 Date Made Active in Reports: 05/14/2009

Number of Days to Update: 36

Source: SWRCB Telephone: 916-480-1028 Last EDR Contact: 04/08/2009

Next Scheduled EDR Contact: 07/06/2009 Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities Registered Aboveground Storage Tanks.

> Date of Government Version: 11/01/2007 Date Data Arrived at EDR: 02/10/2009 Date Made Active in Reports: 04/14/2009 Number of Days to Update: 63

Source: State Water Resources Control Board Telephone: 916-341-5712 Last EDR Contact: 05/29/2009

Next Scheduled EDR Contact: 07/27/2009 Data Release Frequency: Quarterly

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: 02/19/2009 Date Data Arrived at EDR: 02/19/2009 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 25

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009

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: 02/24/2009 Date Data Arrived at EDR: 03/03/2009 Date Made Active in Reports: 05/05/2009

Number of Days to Update: 63

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 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: 09/08/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 10/16/2008

Number of Days to Update: 27

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 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: 05/20/2009 Date Data Arrived at EDR: 05/20/2009 Date Made Active in Reports: 05/29/2009 Number of Days to Update: 9

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Semi-Annually

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: 04/01/2008 Date Data Arrived at EDR: 12/30/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 76

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/22/2009

Next Scheduled EDR Contact: 08/17/2009

Data Release Frequency: Varies

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: 06/01/2009 Date Data Arrived at EDR: 06/03/2009 Date Made Active in Reports: 06/17/2009

Number of Days to Update: 14

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Quarterly

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2008 Date Data Arrived at EDR: 11/14/2008 Date Made Active in Reports: 12/23/2008 Number of Days to Update: 39

Source: Environmental Protection Agency Telephone: 202-566-2777 Last EDR Contact: 05/20/2009 Next Scheduled EDR Contact: 07/13/2009

Data Release Frequency: Semi-Annually

### Local Lists of Landfill / Solid Waste Disposal Sites

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: 03/25/2008 Date Data Arrived at EDR: 04/17/2008 Date Made Active in Reports: 05/15/2008

Source: EPA, Region 9 Telephone: 415-972-3336 Last EDR Contact: 06/21/2009

Next Scheduled EDR Contact: 09/21/2009

Number of Days to Update: 28

Data Release Frequency: Varies

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

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: 06/01/2009

Next Scheduled EDR Contact: 08/31/2009 Data Release Frequency: Quarterly

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 04/07/2009 Date Data Arrived at EDR: 04/08/2009 Date Made Active in Reports: 05/11/2009 Number of Days to Update: 33

Source: Department of Conservation Telephone: 916-323-3836

Last EDR Contact: 04/08/2009 Next Scheduled EDR Contact: 07/06/2009

Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing A listing of registered waste tire haulers.

> Date of Government Version: 05/28/2009 Date Data Arrived at EDR: 05/29/2009 Date Made Active in Reports: 06/15/2009

Number of Days to Update: 17

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 06/08/2009

Next Scheduled EDR Contact: 09/07/2009

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: 05/26/2009

Next Scheduled EDR Contact: 08/24/2009

Data Release Frequency: Varies

### Local Lists of Hazardous waste / Contaminated Sites

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: 07/01/2008 Date Data Arrived at EDR: 10/31/2008 Date Made Active in Reports: 12/23/2008

Number of Days to Update: 53

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/26/2009

Next Scheduled EDR Contact: 06/22/2009 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: 05/27/2009 Date Data Arrived at EDR: 05/27/2009 Date Made Active in Reports: 06/15/2009

Number of Days to Update: 19

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/27/2009

Next Scheduled EDR Contact: 08/24/2009 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: 09/30/2008 Date Data Arrived at EDR: 10/06/2008 Date Made Active in Reports: 10/13/2008

Number of Days to Update: 7

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 05/22/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

### 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: 04/07/2009 Date Data Arrived at EDR: 04/07/2009 Date Made Active in Reports: 05/14/2009

Number of Days to Update: 37

Source: Department of Public Health

Telephone: 707-463-4466 Last EDR Contact: 06/21/2009

Next Scheduled EDR Contact: 09/21/2009

Data Release Frequency: Varies

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: 05/29/2009 Date Data Arrived at EDR: 06/03/2009 Date Made Active in Reports: 06/17/2009

Number of Days to Update: 14

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 05/18/2009

Next Scheduled EDR Contact: 08/17/2009

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: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 31

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 06/08/2009

Next Scheduled EDR Contact: 09/07/2009

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: 05/15/2009 Date Data Arrived at EDR: 05/19/2009 Date Made Active in Reports: 06/15/2009

Number of Days to Update: 27

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/04/2009

Next Scheduled EDR Contact: 08/03/2009

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: 03/30/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 8

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 12/30/2009

Next Scheduled EDR Contact: 09/28/2009 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: 03/31/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/29/2009

Number of Days to Update: 43

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 04/16/2009

Next Scheduled EDR Contact: 07/13/2009 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: 12/31/2007 Date Data Arrived at EDR: 05/09/2008 Date Made Active in Reports: 06/20/2008

Number of Days to Update: 42

Source: Office of Emergency Services

Telephone: 916-845-8400 Last EDR Contact: 05/18/2009

Next Scheduled EDR Contact: 08/17/2009

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

Date of Government Version: 04/08/2009 Date Data Arrived at EDR: 04/08/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 33

Source: State Water Quality Control Board

Telephone: 866-480-1028 Last EDR Contact: 04/08/2009

Next Scheduled EDR Contact: 07/06/2009 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: 04/08/2009 Date Data Arrived at EDR: 04/08/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 33

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 04/08/2009

Next Scheduled EDR Contact: 07/06/2009 Data Release Frequency: Quarterly

### Other Ascertainable Records

RCRA-NonGen: 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: 11/12/2008 Date Data Arrived at EDR: 11/18/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 118

Source: Environmental Protection Agency

Telephone: (415) 495-8895

Data Release Frequency: Varies

Last EDR Contact: 04/23/2009 Next Scheduled EDR Contact: 07/20/2009

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 05/14/2008 Date Data Arrived at EDR: 05/28/2008 Date Made Active in Reports: 08/08/2008

Number of Days to Update: 72

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 05/27/2009

Next Scheduled EDR Contact: 08/24/2009

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: 703-692-8801 Last EDR Contact: 05/08/2009

Next Scheduled EDR Contact: 08/03/2009 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: 12/31/2007-Date Data Arrived at EDR: 09/05/2008 Date Made Active in Reports: 09/23/2008

Number of Days to Update: 18

Source: U.S. Army-Gorps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 07/01/2009

Next Scheduled EDR Contact: 09/28/2009 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: 01/27/2009 Date Data Arrived at EDR: 04/23/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 18

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/21/2009

Next Scheduled EDR Contact: 07/20/2009 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: 04/23/2009 Date Data Arrived at EDR: 04/28/2009 Date Made Active in Reports: 05/19/2009

Number of Days to Update: 21

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 06/29/2009

Next Scheduled EDR Contact: 09/28/2009 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: 01/05/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 05/08/2009

Number of Days to Update: 1

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 06/15/2009

Next Scheduled EDR Contact: 09/14/2009 Data Release Frequency: Varies

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: 02/19/2009 Date Data Arrived at EDR: 03/24/2009 Date Made Active in Reports: 05/05/2009

Number of Days to Update: 42

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 06/23/2009

Next Scheduled EDR Contact: 09/21/2009 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: 12/31/2007 Date Data Arrived at EDR: 04/09/2009 Date Made Active in Reports: 06/17/2009

Number of Days to Update: 69

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 06/16/2009

Next Scheduled EDR Contact: 09/14/2009 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: 12/31/2002 Date Data Arrived at EDR: 04/14/2006 Date Made Active in Reports: 05/30/2006

Number of Days to Update: 46

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 04/14/2009

Next Scheduled EDR Contact: 07/13/2009 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: 06/15/2009

Next Scheduled EDR Contact: 09/14/2009 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: 06/15/2009

Next Scheduled EDR Contact: 09/14/2009 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: 12/31/2006 Date Data Arrived at EDR: 03/14/2008 Date Made Active in Reports: 04/18/2008

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 05/18/2009

Next Scheduled EDR Contact: 07/13/2009 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: 03/20/2009 Date Data Arrived at EDR: 03/20/2009 Date Made Active in Reports: 05/05/2009

Number of Days to Update: 46

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 04/13/2009

Next Scheduled EDR Contact: 07/13/2009 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: 02/26/2009 Date Data Arrived at EDR: 05/20/2009 Date Made Active in Reports: 05/29/2009

Number of Days to Update: 9

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 05/04/2009

Next Scheduled EDR Contact: 08/03/2009 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: 04/02/2009 Date Data Arrived at EDR: 04/24/2009 Date Made Active in Reports: 05/19/2009

Number of Days to Update: 25

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 06/29/2009

Next Scheduled EDR Contact: 09/28/2009
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: 04/28/2009 Date Data Arrived at EDR: 04/29/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 04/29/2009

Next Scheduled EDR Contact: 07/27/2009 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: 04/28/2009 Date Data Arrived at EDR: 05/01/2009 Date-Made-Active-in-Reports: 05/19/2009

Number of Days to Update: 18

Source: EPA

Telephone: (415) 947-8000 -Last-EDR-Contact: 06/29/2009

Next Scheduled EDR Contact: 09/28/2009 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

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: 12/31/2007 Date Data Arrived at EDR: 02/19/2009 Date Made Active in Reports: 05/22/2009

Number of Days to Update: 92

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 06/08/2009

Next Scheduled EDR Contact: 09/07/2009 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: 03/09/2009 Date Data Arrived at EDR: 03/13/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 26

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 06/11/2009

Next Scheduled EDR Contact: 09/07/2009 Data Release Frequency: Quarterly

CA 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: 06/15/2009

Next Scheduled EDR Contact: 09/14/2009 Data Release Frequency: Quarterly

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). This listing is no longer updated by the state agency.

Date of Government Version: 04/20/2009 Date Data Arrived at EDR: 04/22/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 19

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 04/22/2009

Next Scheduled EDR Contact: 07/20/2009 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].

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

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

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: 04/13/2009

Next Scheduled EDR Contact: 07/13/2009 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: 05/06/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 4

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 06/29/2009

Next Scheduled EDR Contact: 09/28/2009 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: 03/31/2009 Date Data Arrived at EDR: 04/24/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 17

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726 Last EDR Contact: 04/24/2009

Next Scheduled EDR Contact: 07/20/2009

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: 12/31/2007 Date Data Arrived at EDR: 02/17/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 50

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 05/08/2009

Next Scheduled EDR Contact: 08/03/2009 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: 12/31/2006 Date Data Arrived at EDR: 10/16/2008 Date Made Active in Reports: 11/26/2008

Number of Days to Update: 41

Source: California Air Resources Board

Telephone: 916-322-2990... Last EDR Contact: 04/17/2009

Next Scheduled EDR Contact: 04/13/2009

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: 05/08/2009

Next Scheduled EDR Contact: 08/03/2009 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: 04/13/2009 Date Data Arrived at EDR: 04/14/2009 Date Made Active in Reports: 06/17/2009

Number of Days to Update: 64

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 06/22/2009

Next Scheduled EDR Contact: 08/10/2009

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: 05/08/2009

Next Scheduled EDR Contact: 08/03/2009

Data Release Frequency: N/A

### **EDR PROPRIETARY RECORDS**

### **EDR Proprietary Records**

Manufactured Gas Plants: 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 Historical Auto Stations: EDR Proprietary 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.

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

Telephone: N/A Last EDR Contact: N/A

Source: EDR, Inc.

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary 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.

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

### **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: 04/24/2009 Date Data Arrived at EDR: 04/28/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 13

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Semi-Annually

### **Underground Tanks**

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/24/2009 Date Data Arrived at EDR: 04/28/2009 Date Made Active in Reports: 05/14/2009

Number of Days to Update: 16

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

#### Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/27/2009 Date Data Arrived at EDR: 05/28/2009 Date Made Active in Reports: 06/15/2009

Number of Days to Update: 18

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 05/26/2009

Next Scheduled EDR Contact: 08/24/2009 Data Release Frequency: Semi-Annually

#### FRESNO-GOUNTY:

#### 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: 04/17/2009 Date Data Arrived at EDR: 04/17/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 24

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 05/04/2009

Next Scheduled EDR Contact: 08/03/2009 Data Release Frequency: Semi-Annually

### KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

> Date of Government Version: 03/30/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 04/09/2009 Number of Days to Update: 9

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 06/15/2009

Next Scheduled EDR Contact: 08/31/2009 Data Release Frequency: Quarterly

### 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: 12/31/1998 Date Data Arrived at EDR: 07/07/1999 Date Made Active in Reports: N/A Number of Days to Update: 0

Source: EPA Region 9 Telephone: 415-972-3178 Last EDR Contact: 04/13/2009

Next Scheduled EDR Contact: 07/13/2009 Data Release Frequency: No Update Planned

### **HMS: Street Number List**

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/26/2008 Date Data Arrived at EDR: 01/27/2009 Date Made Active in Reports: 04/08/2009 Number of Days to Update: 71

Source: Department of Public Works Telephone: 626-458-3517

Last EDR Contact: 05/11/2009

Next Scheduled EDR Contact: 08/10/2009 Data Release Frequency: Semi-Annually

### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 05/12/2009 Date Data Arrived at EDR: 05/14/2009 Date Made Active in Reports: 06/15/2009

Number of Days to Update: 32

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 05/12/2009

Next Scheduled EDR Contact: 08/10/2009 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: 06/08/2009

Next Scheduled EDR Contact: 09/07/2009 Data Release Frequency: Varies

### Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/11/2009 Date Data Arrived at EDR: 04/23/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 18

Source: Community Health Services Telephone: 323-890-7806 Last EDR Contact: 05/11/2009

Next Scheduled EDR Contact: 08/10/2009

Data Release Frequency: Annually

### City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 05/11/2009 Date Data Arrived at EDR: 05/19/2009 Date Made Active in Reports: 06/12/2009 Number of Days to Update: 24

Source: City of El Segundo Fire Department Telephone: 310-524-2236 Last EDR Contact: 05/11/2009 Next Scheduled EDR Contact: 08/10/2009 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: 03/28/2003 Date Data Arrived at EDR: 10/23/2003 Date Made Active in Reports: 11/26/2003

Number of Days to Update: 34

Source: City of Long Beach Fire Department Telephone: 562-570-2563

Last EDR Contact: 06/03/2009

Next Scheduled EDR Contact: 08/17/2009 Data Release Frequency: Annually

#### City of Torrance Underground Storage Tank Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/23/2009 Date Data Arrived at EDR: 02/24/2009 Date Made Active in Reports: 04/09/2009

Number of Days to Update: 44

Source: City of Torrance Fire Department Telephone: 310-618-2973

Last EDR Contact: 06/12/2009 Next Scheduled EDR Contact: 08/10/2009 Data Release Frequency: Semi-Annually

### MARIN COUNTY:

**Underground Storage Tank Sites** Currently permitted USTs in Marin County.

> Date of Government Version: 02/05/2009 Date Data Arrived at EDR: 02/17/2009 Date Made Active in Reports: 04/09/2009 Number of Days to Update: 51

Source: Public Works Department Waste Management

Telephone: 415-499-6647 Last EDR Contact: 04/27/2009

Next Scheduled EDR Contact: 07/27/2009 Data Release Frequency: Semi-Annually

### NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 07/09/2008 Date Data Arrived at EDR: 07/09/2008 Date Made Active in Reports: 07/31/2008 Number of Days to Update: 22

Last EDR Contact: 06/21/2009 Next Scheduled EDR Contact: 09/21/2009

Telephone: 707-253-4269

Next Scheduled EDR Contact: 09/21/200 Data Release Frequency: Semi-Annually

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

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 06/22/2009

Next Scheduled EDR Contact: 09/21/2009 Data Release Frequency: Annually

**ORANGE COUNTY:** 

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/06/2009 Date Data Arrived at EDR: 06/09/2009 Date Made Active in Reports: 06/15/2009

Number of Days to Update: 6

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 06/03/2009

Next Scheduled EDR Contact: 08/31/2009

Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/02/2009 Date Data Arrived at EDR: 03/27/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 12

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 06/03/2009

Next Scheduled EDR Contact: 08/31/2009 Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/06/2009 Date Data Arrived at EDR: 06/09/2009 Date Made Active in Reports: 06/12/2009

Number of Days to Update: 3

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 12/02/2009

Next Scheduled EDR Contact: 08/31/2009 Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/27/2009 Date Data Arrived at EDR: 04/28/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 13

Source: Placer County Health and Human Services

Telephone: 530-889-7312 Last EDR Contact: 06/28/2009

Next Scheduled EDR Contact: 09/28/2009 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: 04/14/2009 Date Data Arrived at EDR: 04/15/2009 Date Made Active in Reports: 05/11/2009

Date Made Active in Reports: 05/11/2009 Last EDR Contact: 04/13/2009
Number of Days to Update: 26 Next Scheduled EDR Contact:

Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Quarterly

Source: Department of Public Health

Telephone: 951-358-5055

Underground Storage Tank Tank List

-Underground-storage-tank-sites-located-in-Riverside-county-

Date of Government Version: 05/06/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 05/14/2009

Number of Days to Update: 7

Source: Health Services Agency Telephone: 951-358-5055 Last EDR Contact: 04/13/2009

Next Scheduled EDR Contact: 07/13/2009 Data Release Frequency: Quarterly

#### SACRAMENTO COUNTY:

#### Contaminated Sites

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/04/2009 Date Data Arrived at EDR: 04/29/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 12

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 04/29/2009

Next Scheduled EDR Contact: 07/27/2009
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/04/2009 Date Data Arrived at EDR: 04/29/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 12

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 04/29/2009

Next Scheduled EDR Contact: 07/27/2009 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: 04/08/2009 Date Data Arrived at EDR: 04/08/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 33

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 06/01/2009

Next Scheduled EDR Contact: 08/31/2009 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: 07/16/2008 Date Data Arrived at EDR: 10/29/2008 Date Made Active in Reports: 11/26/2008

Number of Days to Update: 28

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 07/02/2009

Next Scheduled EDR Contact: 09/28/2009 Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2008 Date-Data-Arrived-at-EDR:-12/23/2008 Date Made Active in Reports: 01/27/2009

Number of Days to Update: 35

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 05/18/2009

Next Scheduled EDR Contact: 08/17/2009

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: 01/22/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 8

Source: San Diego County Department of Environmental Health

Telephone: 619-338-2371 Last EDR Contact: 07/01/2009

Next Scheduled EDR Contact: 09/28/2009

Data Release Frequency: Varies

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: 06/01/2009

Next Scheduled EDR Contact: 08/31/2009 Data Release Frequency: Quarterly

**Underground Storage Tank Information** 

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: 10/01/2008

Number of Days to Update: 12

Source: Department of Public Health Telephone: 415-252-3920

Last EDR Contact: 06/15/2009

Next Scheduled EDR Contact: 08/31/2009 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: 04/22/2009 Date Data Arrived at EDR: 05/12/2009 Date Made Active in Reports: 06/12/2009

Number of Days to Update: 31

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 04/13/2009

Next Scheduled EDR Contact: 07/13/2009 Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

#### **Business Inventory**

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/29/2009 Date Data Arrived at EDR: 05/01/2009 Date Made Active in Reports: 05/11/2009 Number of Days to Update: 10

Source: San Mateo County Environmental Health Services Division Telephone: 650-363-1921 Last EDR Contact: 04/07/2009 Next Scheduled EDR Contact: 07/06/2009 Data Release Frequency: Annually

### Fuel Leak List

-A-listing-of-leaking-underground-storage-tank-sites-located-in-San-Mateo-county.

Date of Government Version: 04/07/2009 Date Data Arrived at EDR: 04/07/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 34

Source: San Mateo County Environmental Health Services Division Telephone: 650-363-1921

Last EDR Contact: 04/07/2009

Next Scheduled EDR Contact: 07/06/2009 Data Release Frequency: Semi-Annually

#### SANTA CLARA COUNTY:

#### 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: 05/29/2009 Date Data Arrived at EDR: 06/01/2009 Date Made Active in Reports: 06/15/2009

Number of Days to Update: 14

Source: Department of Environmental Health Telephone: 408-918-3417

Last EDR Contact: 06/22/2009

Next Scheduled EDR Contact: 09/21/2009 Data Release Frequency: Varies

#### Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 06/01/2009 Date Data Arrived at EDR: 06/01/2009 Date Made Active in Reports: 06/15/2009 Number of Days to Update: 14 Source: City of San Jose Fire Department Telephone: 408-277-4659 Last EDR Contact: 06/01/2009

Next Scheduled EDR Contact: 08/31/2009 Data Release Frequency: Annually

### SOLANO COUNTY:

#### Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/23/2009 Date Data Arrived at EDR: 04/07/2009 Date Made Active in Reports: 05/11/2009 Number of Days to Update: 34 Source: Solano County Department of Environmental Management Telephone: 707-784-6770

Last EDR Contact: 06/22/2009

Next Scheduled EDR Contact: 09/21/2009 Data Release Frequency: Quarterly

### **Underground Storage Tanks**

Underground storage tank sites located in Solano county.

Date of Government Version: 03/23/2009 Date Data Arrived at EDR: 04/10/2009 Date Made Active in Reports: 05/14/2009

Number of Days to Update: 34

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 06/22/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: Quarterly

#### SONOMA COUNTY:

### Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/20/2009 Date Data Arrived at EDR: 04/21/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 20

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Quarterly

### SUTTER COUNTY:

#### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 04/01/2009 Date Data Arrived at EDR: 04/02/2009 Date Made Active in Reports: 04/09/2009 Number of Days to Update: 7 Source: Sutter County Department of Agriculture

Telephone: 530-822-7500 Last EDR Contact: 06/29/2009

Next Scheduled EDR Contact: 09/28/2009 Data Release Frequency: Semi-Annually

### 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: 02/26/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 8

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 06/12/2009

Next Scheduled EDR Contact: 09/07/2009 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: 08/01/2008 Date Data Arrived at EDR: 09/04/2008 Date Made Active in Reports: 09/18/2008

Number of Days to Update: 14

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 05/17/2009

Next Scheduled EDR Contact: 08/17/2009 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: 06/09/2009

Next Scheduled EDR Contact: 09/07/2009 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: 03/31/2009 Date Data Arrived at EDR: 04/08/2009 Date Made Active in Reports: 05/14/2009

Number of Days to Update: 36

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 04/08/2009

Next Scheduled EDR Contact: 07/06/2009 Data Release Frequency: Quarterly

#### YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report Underground storage tank sites located in Yolo county.

Date of Government Version: 04/21/2009 Date Data Arrived at EDR: 05/06/2009 Date Made Active in Reports: 05/14/2009

Number of Days to Update: 8

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 04/13/2009

Next Scheduled EDR Contact: 07/13/2009 Data Release Frequency: Annually

### 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: 12/31/2006 Date Data Arrived at EDR: 12/11/2008 Date Made Active in Reports: 03/19/2009

Number of Days to Update: 98

Source: Department of Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 06/12/2009

Next Scheduled EDR Contact: 09/07/2009 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information Hazardous waste manifest information.

> Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 05/05/2009 Date Made Active in Reports: 05/22/2009

Number of Days to Update: 17

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 05/05/2009

Next Scheduled EDR Contact: 08/03/2009 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

Date of Government Version: 05/22/2009 Date Data Arrived at EDR: 05/27/2009 Date Made Active in Reports: 07/01/2009

Number of Days to Update: 35

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/27/2009

Next Scheduled EDR Contact: 08/24/2009 Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 09/11/2008

Date Made Active in Reports: 10/02/2008

Number of Days to Update: 21

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 06/08/2009

Next Scheduled EDR Contact: 09/07/2009

Data Release Frequency: Annually

RI MANIFEST: Manifest information

-Hazardous-waste-manifest-information

Date of Government Version: 06/01/2009 Date Data Arrived at EDR: 06/12/2009 Date Made Active in Reports: 06/29/2009

Number of Days to Update: 17

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 06/15/2009

Next Scheduled EDR Contact: 09/14/2009 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 08/22/2008 Date Made Active in Reports: 09/08/2008

Number of Days to Update: 17

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 04/07/2009

Next Scheduled EDR Contact: 07/06/2009 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.

Electric Power Transmission Line Data

Source: PennWell Corporation Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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 1999 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 and 2005 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**

COMMERCIAL PROPERTY 127 1ST STREET LOS ATOS, CA 94022

#### TARGET PROPERTY COORDINATES

Latitude (North): Longitude (West): 37.37980 - 37° 22' 47.3"

Universal Tranverse Mercator:

122.1194 - 122° 7' 9.8" Zone 10

UTM X (Meters): UTM Y (Meters): 577963.6 4137165.8

UTM Y (Meters): Elevation:

191 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:

37122-D1 MOUNTAIN VIEW, CA

Most Recent Revision:

1999

South Map:

37122-C1 CUPERTINO, CA

Most Recent Revision:

1991

Southwest Map:

37122-C2 MINDEGO HILL, CA

Most Recent Revision:

1999

West Map:

37122-D2 PALO ALTO, CA

Most Recent Revision:

1999

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 principle 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.

### 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).

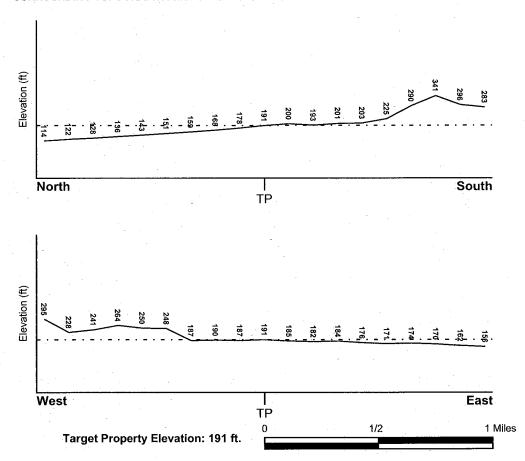
### TOPOGRAPHIC INFORMATION

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 North

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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.

### 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** 

**FEMA Flood** 

Target Property County SANTA CLARA, CA

**Electronic Data** 

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

0603410001B

Additional Panels in search area:

0603480005D 0603420001B 0603470001C

0603370205D 0603420002B

NATIONAL WETLAND INVENTORY

**NWI Electronic** 

**NWI Quad at Target Property** 

**Data Coverage** 

**MOUNTAIN VIEW** 

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

Location Relative to TP:

1/4 - 1/2 Mile East

Site Name:

Hillview Maintenance Yard

Site EPA ID Number:

CAD982400202

Groundwater Flow Direction:

NE ON A REGIONAL BASIS, WITH LOCAL FLOW CONDITIONS INFLUENCED BY

PUMPING.

Inferred Depth to Water:

100 feet to 120 feet.

Hydraulic Connection:

Information is not available about the hydraulic connection between

aquifers under the site.

Sole Source Aquifer:

No information about a sole source aquifer is available

Data Quality:

Information is inferred in the CERCLIS investigation report(s)

### **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 Not Reported

LOCATION FROM TP

**GENERAL DIRECTION GROUNDWATER FLOW** 

### **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**

### **GEOLOGIC AGE IDENTIFICATION**

Era:

Cenozoic

Category: Stratified Sequence

System:

Tertiary

Series:

Miocene

Code:

Tm (decoded above as Era, System & Series)

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:

**URBAN LAND** 

Soil Surface Texture:

variable

Hydrologic Group:

Not reported

Soil Drainage Class:

Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min:

> 10 inches

Depth to Bedrock Max:

> 10 inches

		*	Soil Layer	Information			
	Во	undary		Classi	fication		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6-inches	variable	Not-reported	Not reported-	Max: 0.00 Min: 0.00	-Max: -0.00 Min: 0.00

### 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: gravelly - loam

clay

Surficial Soil Types: gravelly - loam

clay

Shallow Soil Types:

clay loam

clay

Deeper Soil Types:

unweathered bedrock

#### 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

### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
3	USGS3236092	1/2 - 1 Mile SE
4	USGS3236095	1/2 - 1 Mile ENE

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID LOCATION FROM TP

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID

WELL ID

LOCATION FROM TP

2

CA2700772

1/4 - 1/2 Mile NE

Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	
1	6880	
A5	6909	
A6	6907	

LOCATION FROM TP

1/4 - 1/2 Mile NNE 1/2 - 1 Mile South 1/2 - 1 Mile South

### PHYSICAL SETTING SOURCE MAP - 2532358.2s



SITE NAME: Commercial Property ADDRESS: 127 1st Street Los Atos CA 94022 LAT/LONG: 37.3798 / 122.1194 CLIENT: Benchmark CONTACT: Bryan Buller INQUIRY #: 2532358.2s

DATE: July 02, 2009 12:49 pm

Map ID Direction Distance Elevation

Database

**EDR ID Number** 

1 NNE 1/4 - 1/2 Mile Lower

**CA WELLS** 

6880

Water System Information:

Prime Station Code: FRDS Number:

06S/02W-20N01 M

4310001028

05

District Number: Water Type: Source Lat/Long:

Well/Groundwater 372300.0 1220700.0 WELL 115-01

Source Name: System Number:

4310001

System Name:

CWSC Los Altos Suburban

Organization That Operates System:

949 B Street

Los Altos, CA 94024 53940

Pop Served: Area Served: Sample Collected: Chemical:

LOS ALTOS 10/23/2007 00:00:00

Chemical: NITRATE (AS NO3)
Sample Collected: 07/10/2007 00:00:00

Chemical: BICARBONATE ALKALINITY

Sample Collected: 07/10/2007 00:00:00 Chemical: CARBONATE ALKALINITY

Sample Collected: 07/10/2007 00:00:00
Chemical: HARDNESS (TOTAL) AS CACO3

Chemical: HARDNESS (TOTAL) AS CACO
Sample Collected: 07/10/2007 00:00:00

Chemical: CALCIUM
Sample Collected: 07/10/2007 00:00:00
Chemical: MAGNESIUM

Sample Collected: 07/10/2007 00:00:00
Chemical: SODIUM

Sample Collected: 07/10/2007 00:00:00
Chemical: SODIUM ABSORPTION RATIO

Sample Collected: 07/10/2007 00:00:00 Chemical: POTASSIUM

 Sample Collected:
 07/10/2007 00:00:00

 Chemical:
 CHLORIDE

 Sample Collected:
 07/10/2007 00:00:00

Sample Collected: 07/10//.
Chemical: TOTAL

Sample Collected: Chemical: Sample Collected:

Chemical:
Sample Collected:
Chemical:

07/10/2007 00:00:00 TOTAL DISSOLVED SOLIDS

07/10/2007 00:00:00 NITRATE (AS NO3)

07/10/2007 00:00:00 TURBIDITY, LABORATORY

07/10/2007 00:00:00 AGGRSSIVE INDEX (CORROSIVITY)

User ID: HEN

County: Station Type: Well Status:

Connections:

Precision:

Santa Clara

WELL/AMBNT/MUN/INTAKE/SUPPLY Active Untreated

1 Mile (One Minute)

17895

Findings: 12.291 MG/L

..

Findings: 344.425 MG/L

Findings: 1.574 MG/L

Findings: 382 MG/L

Findings: 96.8 MG/L

Findings: 32.468 MG/L

36,663 MG/L

Findings: 2.653

Findings:

Findings:

Findings:

Findings:

Findings:

Findings: 1.148 MG/L

Findings: 46.797 MG/L
Findings: 11.431 UG/L

Findings: 9.728 UG/L

528 MG/L

17.781 MG/L

.1 NTU

12.641

	Sample Collected: Chemical:	07/10/2007 00:00:00 NITRATE + NITRITE (AS N)	Findings:	4016.728 UG/L
	Sample Collected: Chemical:	07/10/2007 00:00:00 SOURCE TEMPERATURE C	Findings:	19 C
	Sample Collected: Chemical:	07/10/2007 00:00:00 COLOR	Findings:	1 UNITS
-	Sample Collected: Chemical:	07/10/2007 00:00:00 SPECIFIC CONDUCTANCE	Findings:	838 US
	Sample Collected: Chemical:	07/10/2007 00:00:00 PH, LABORATORY	Findings:	7.52
	Sample Collected: Chemical:	07/10/2007 00:00:00 ALKALINITY (TOTAL) AS CACO3	Findings:	346 MG/L
	Sample Collected: Chemical:	04/17/2007 00:00:00 NITRATE (AS NO3)	Findings:	12.223 MG/L
	Sample Collected: Chemical:	01/23/2007 00:00:00 NITRATE (AS NO3)	Findings:	12.081 MG/L
	Sample Collected: Chemical:	10/03/2006 00:00:00 NITRATE (AS NO3)	Findings:	21.653 MG/L
	Sample Collected: Chemical:	07/11/2006 00:00:00 NITRATE (AS NO3)	Findings:	20.822 MG/L
	Sample Collected: Chemical:	04/18/2006 00:00:00 NITRATE (AS NO3)	Findings:	14 MG/L
	Sample Collected: Chemical:	01/17/2006 00:00:00 NITRATE (AS NO3)	Findings:	10.705 MG/L
	Sample Collected: Chemical:	12/12/2005 00:00:00 PH, FIELD	Findings:	7.5
	Sample Collected: Chemical:	10/18/2005 00:00:00 NITRATE (AS NO3)	Findings:	10.851 MG/L
	Sample Collected: Chemical:	07/05/2005 00:00:00 NITRATE (AS NO3)	Findings:	18.498 MG/L
	Sample Collected: Chemical:	04/05/2005 00:00:00 NITRATE (AS NO3)	Findings:	10.545 MG/L
	Sample Collected: Chemical:	01/27/2005 00:00:00 NITRATE (AS NO3)	Findings:	11.294 MG/L
	Sample Collected: Chemical:	10/26/2004 00:00:00 NITRATE (AS NO3)	Findings:	11.046 MG/L
	Sample Collected: Chemical:	10/12/2004 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	1.3 PCI/L
	Sample Collected: Chemical:	10/12/2004 00:00:00 RADIUM 228 COUNTING ERROR	Findings:	.4 PCI/L
	Sample Collected: Chemical:	07/27/2004 00:00:00 HARDNESS (TOTAL) AS CACO3	Findings:	380 MG/L
	Sample Collected: Chemical:	07/27/2004 00:00:00 CALCIUM	Findings:	95 MG/L
	Sample Collected: Chemical:	07/27/2004 00:00:00 MAGNESIUM	Findings:	35 MG/L
	Sample Collected: Chemical:	07/27/2004 00:00:00 SODIUM	Findings:	42 MG/L
	Sample Collected: Chemical:	07/27/2004 00:00:00 CHLORIDE	Findings:	48 MG/L
			i i	

		•	
Sample Collected: Chemical:	07/27/2004 00:00:00 TOTAL DISSOLVED SOLIDS	Findings:	500 MG/L
Sample Collected: Chemical:	07/27/2004 00:00:00 LANGELIER INDEX @ 60 C	Findings:	1.2
Sample Collected: Chemical:	07/27/2004 00:00:00 NITRATE (AS NO3)	Findings:	20 MG/L
Sample Collected: Chemical:	07/27/2004 00:00:00 TURBIDITY, LABORATORY	Findings:	.2 NTU
Sample Collected: Chemical:	07/27/2004 00:00:00 BICARBONATE ALKALINITY	Findings:	360 MG/L
Sample Collected: Chemical:	07/27/2004 00:00:00 ALKALINITY (TOTAL) AS CACO3	Findings:	360 MG/L
Sample Collected: Chemical:	07/27/2004 00:00:00 PH, LABORATORY	Findings:	8
Sample Collected: Chemical:	07/27/2004 00:00:00 SPECIFIC CONDUCTANCE	Findings:	840 US
Sample Collected: Chemical:	07/20/2004 00:00:00 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	07/07/2004 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	1.5 PCI/L
Sample Collected: Chemical:	07/07/2004 00:00:00 RADIUM 228 COUNTING ERROR	Findings:	3 PCI/L
Sample Collected: Chemical:	06/01/2004 00:00:00 NITRATE (AS NO3)	Findings:	11.112 MG/L
Sample Collected: Chemical:	03/04/2004 00:00:00 NITRATE (AS NO3)	Findings:	12 MG/L
Sample Collected: Chemical:	11/05/2003 00:00:00 NITRATE (AS NO3)	Findings:	12 MG/L
Sample Collected: Chemical:	09/03/2003 00:00:00 NITRATE (AS NO3)	Findings:	20 MG/L
Sample Collected: Chemical:	08/26/2003 00:00:00 DICHLORODIFLUOROMETHANE (FR	Findings: REON 12)	87 UG/L
Sample Collected: Chemical:	05/07/2003 00:00:00 NITRATE (AS NO3)	Findings:	13 MG/L
Sample Collected: Chemical:	02/14/2003 00:00:00 NITRATE (AS NO3)	Findings:	12 MG/L
Sample Collected: Chemical:	12/11/2002 00:00:00 NITRATE (AS NO3)	Findings:	12 MG/L
Sample Collected: Chemical:	09/17/2002 00:00:00 CHROMIUM (TOTAL CR-CRVI SCREI	Findings: EN)	4 UG/L
Sample Collected: Chemical:	09/17/2002 00:00:00 CHROMIUM, HEXAVALENT	Findings:	1.8 UG/L
Sample Collected: Chemical:	08/01/2002 00:00:00 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	07/15/2002 00:00:00 NITRATE (AS NO3)	Findings:	22 MG/L
Sample Collected: Chemical:	04/22/2002 00:00:00 CHROMIUM, HEXAVALENT	Findings:	1.8 UG/L
Sample Collected: Chemical:	04/22/2002 00:00:00 CHROMIUM (TOTAL CR-CRVI SCREI	Findings: EN)	2 UG/L

Sample Collected:

03/04/2002 00:00:00

Findings:

13 MG/L

Chemical:

NITRATE (AS NO3)

Sample Collected: Chemical:

02/26/2002 00:00:00

VANADIUM

Findings:

10 UG/L

ΝE

1/4 - 1/2 Mile Lower

**FRDS PWS** 

CA2700772

PWS ID:

CA2700772

Date Initiated:

Not Reported

Date Deactivated: Not Reported

PWS Name:

STRUVE RD WS #2 WATSONVILLE, CA 95076

Addressee / Facility:

System Owner/Responsible Party STRUVE ROAD WATER SYSTEM #2

12901 TRIPOLI COURT LOS ALTOS HILLS, CA 94022

Facility Latitude:

37 23 07

Facility Longitude: 122 06 47

City Served:

Not Reported Treatment Class: Untreated

Population:

166

PWS currently has or had major violation(s) or enforcement:

YES

**VIOLATIONS INFORMATION:** 

Violation ID:

9300001

Source ID:

Not Reported

PWS Phone:

Not Reported

Vio. beginning Date: Num required Samples: 01/01/93 Not Reported

Vio. end Date: 01/31/93 Number of Samples Taken:

Vio. Period: Not Reported 001 Months

Analysis Result: Analysis Method: Not Reported Not Reported Maximum Contaminant Level:

Not Reported

Violation Type:

Monitoring, Routine Major (TCR)

Contaminant:

COLIFORM (TCR)

Vio. Awareness Date:

030293

**ENFORCEMENT INFORMATION:** 

Truedate: Pwsname: 12/16/2008

Pwsid:

CA2700772

Retpopsrvd:

STRUVE RD WS #02

Pwstypecod:

Vioid: Viol. Type:

166 0100005

Contaminant:

COLIFORM (TCR)

Monitoring, Routine Major (TCR)

03-01-2001

Complperbe: Complperen:

03-31-2001

Not Reported

Enfdate:

No Enf Action as of

Enf action: Violmeasur:

NULL

Truedate:

12/16/2008

Pwsid:

CA2700772

Pwsname: Retpopsrvd:

166

STRUVE RD WS #02

Pwstypecod:

Vioid:

0200006

COLIFORM (TCR)

Viol. Type:

Monitoring, Repeat Minor (TCR)

Contaminant:

Complperbe:

01-01-2002 01-31-2002

Enfdate:

No Enf Action as of

Complperen: Enfaction: Violmeasur:

Not Reported

NULL

Truedate: 12/16/2008 Pwsid: CA2700772 STRUVE RD WS #02 Pwsname: Retpopsrvd: 166 Pwstypecod: COLIFORM (TCR) 0300008 Contaminant: Vioid: Viol. Type: Monitoring, Routine Major (TCR) 2003-07-01 00:00:00. Compleerbe: 2003-07-31 00:00:00 Complperen: Enfdate: 08-28-2003 Enf-action: State-Violation/Reminder-Notice NULL Violmeasur: 12/16/2008 CA2700772 Truedate: Pwsid: STRUVE RD WS #02 Pwsname: Retpopsrvd: 166 Pwstypecod: 0500009 COLIFORM (TCR) Vioid: Contaminant: Viol. Type: Monitoring, Routine Minor (TCR) Complperbe: 2005-01-01 00:00:00. Complperen: 2005-01-31 00:00:00. Enfdate: 02-17-2005 Enf action: State Violation/Reminder Notice Violmeasur: NULL Truedate: 12/16/2008 CA2700772 Pwsid: STRUVE RD WS #02 Pwsname: Retpopsrvd: 166 Pwstypecod: Vioid: 0500009 Contaminant: COLIFORM (TCR) Viol. Type: Monitoring, Routine Minor (TCR) Complperbe: 2005-01-01 00:00:00. Complperen: 2005-01-31 00:00:00. Enfdate: 02-17-2005 Enf action: State Public Notif Requested Violmeasur: NULL Truedate: 12/16/2008 Pwsid: CA2700772 STRUVE RD WS #02 Pwsname: Retpopsrvd: Pwstypecod: 0600010 COLIFORM (TCR) Vioid: Contaminant: Viol. Type: Monitoring, Repeat Major (TCR) 2005-12-01 00:00:00. Complperbe: Complperen: 2005-12-31 00:00:00. Enfdate: 01-19-2006 Enf action State Violation/Reminder Notice NULL Violmeasur: 12/16/2008 CA2700772 Truedate: Pwsid: Pwsname: STRUVE RD WS #02 166 Retpopsrvd: Pwstypecod: 0600010 COLIFORM (TCR) Vioid: Contaminant: Viol. Type: Monitoring, Repeat Major (TCR) 2005-12-01 00:00:00. Complperbe: Complperen: 2005-12-31 00:00:00. Enfdate: 01-19-2006 Enf action: State Public Notif Requested Violmeasur: NULL 12/16/2008 CA2700772 Truedate: Pwsid: STRUVE RD WS #02 Pwsname: Retpopsrvd: 166 Pwstypecod: Vioid: 0600011 Contaminant: COLIFORM (TCR) Viol. Type: Monitoring, Routine Minor (TCR) Complperbe: 2006-01-01 00:00:00. Complperen: 2006-01-31 00:00:00. 02-16-2006 Enfdate: Enf action: State Violation/Reminder Notice Violmeasur: NULL

Truedate:

12/16/2008

Pwsid:

CA2700772

Pwsname: Retpopsrvd:

166

STRUVE RD WS #02

Pwstypecod:

Vioid:

0600011

Contaminant:

COLIFORM (TCR)

Viol. Type:

Monitoring, Routine Minor (TCR) 2006-01-01 00:00:00.

Complperbe: Complperen:

2006-01-31 00:00:00.

Enfdate:

02-16-2006

Enf action: Violmeasur: State Public Notif Requested

NULL

Truedate:

12/16/2008

Pwsid:

CA2700772

Pwsname:

STRUVE RD WS #02 166

04-04-2000

Retpopsrvd: Vioid:

95V0001

Pwstypecod: Contaminant:

LEAD & COPPER RULE

Viol. Type: Complperbe:

Initial Tap Sampling for Pb and Cu 1993-07-01 00:00:00.

Complperen: Enfaction:

2000-04-04 00:00:00. State Compliance Achieved

Enfdate:

Violmeasur:

0.000000000

STRUVE RD WS #02

System Name: Violation Type:

Monitoring, Routine Major (TCR)

Contaminant: Compliance Period: COLIFORM (TCR)

0100005

3/1/2001 0:00:00 - 3/31/2001 0:00:00

Violation ID:

**Enforcement Date:** No Enf Action as of Enf. Action:

10/17/2006 0:00:00

System Name:

STRUVE RD WS #02

Violation Type: Monitoring, Routine Major (TCR) COLIFORM (TCR) Contaminant:

Compliance Period: 3/1/2001 0:00:00 - 3/31/2001 0:00:00

Violation ID: **Enforcement Date:** 

0100005 4/12/2007 0:00:00

Enf. Action:

Not Reported

Not Reported

System Name:

STRUVE RD WS #02 Violation Type:

Contaminant:

Monitoring, Repeat Minor (TCR) COLIFORM (TCR)

Compliance Period:

1/1/2002 0:00:00 - 1/31/2002 0:00:00

No Enf Action as of

Violation ID: 0200006

Enf. Action:

Enf. Action:

10/17/2006 0:00:00

**Enforcement Date:** 

System Name:

Violation Type:

STRUVE RD WS #02

Contaminant:

Monitoring, Repeat Minor (TCR) COLIFORM (TCR)

Compliance Period:

1/1/2002 0:00:00 - 1/31/2002 0:00:00

Violation ID:

**Enforcement Date:** 

0200006

4/12/2007 0:00:00

System Name: Violation Type:

STRUVE RD WS #02 Monitoring, Routine Major (TCR)

Contaminant:

COLIFORM (TCR)

Compliance Period:

07/01/03 - 07/31/03

Violation ID:

0300008

**Enforcement Date:** 

08/28/03

Enf. Action:

State Violation/Reminder Notice

System Name:

STRUVE RD WS #02

Violation Type: Contaminant:

Monitoring, Routine Major (TCR)

Compliance Period:

COLIFORM (TCR) 7/1/2003 0:00:00 - 7/31/2003 0:00:00

Violation ID: **Enforcement Date:**  0300008

8/28/2003 0:00:00

Enf. Action:

State Violation/Reminder Notice

Enf. Action:

Enf. Action:

Enf. Action:

Enf. Action:

Enf. Action:

### **ENFORCEMENT INFORMATION:**

System Name:

STRUVE RD WS #02

Violation Type:

Monitoring, Routine Minor (TCR)

Contaminant:

Compliance Period:

COLIFORM (TCR) 1/1/2005 0:00:00 - 1/31/2005 0:00:00

Violation ID:

0500009

Enforcement Date:

2/17/2005 0:00:00

System Name: Violation Type: STRUVE RD WS #02 Monitoring, Routine Minor (TCR)

Contaminant: Compliance Period: COLIFORM (TCR) 01/01/05 - 01/31/05

Violation ID:

0500009

Enforcement Date:

02/17/05

System Name: Violation Type: STRUVE RD WS #02

Contaminant:

Monitoring, Routine Minor (TCR)

COLIFORM (TCR)

Compliance Period:

1/1/2005 0:00:00 - 1/31/2005 0:00:00

Violation ID:

0500009

Enforcement Date:

2/17/2005 0:00:00

System Name:

STRUVE RD WS #02

Violation Type:

Monitoring, Routine Minor (TCR)

Contaminant:

COLIFORM (TCR)

Compliance Period:

01/01/05 - 01/31/05

Violation ID:

0500009 02/17/05

Enforcement Date:

STRUVE RD WS #02

System Name: Violation Type:

Monitoring, Repeat Major (TCR)

Contaminant:

COLIFORM (TCR)

Compliance Period:

12/01/05 - 12/31/05

Violation ID:

0600010

01/19/06

**Enforcement Date:** 

STRUVE RD WS #02

System Name: Violation Type:

Monitoring, Repeat Major (TCR)

Contaminant:

COLIFORM (TCR)

Compliance Period:

12/01/05 - 12/31/05

Violation ID:

0600010

**Enforcement Date:** 

01/19/06

Enf. Action:

State Violation/Reminder Notice

State-Violation/Reminder-Notice

State Violation/Reminder Notice

State Public Notif Requested

State Public Notif Requested

State Public Notif Requested

System Name:

STRUVE RD WS #02

Violation Type:

Monitoring, Repeat Major (TCR)

Contaminant:

COLIFORM (TCR)

Compliance Period:

12/1/2005 0:00:00 - 12/31/2005 0:00:00

Violation ID: Enforcement Date: 0600010

1/19/2006 0:00:00

Enf. Action:

State Violation/Reminder Notice

System Name:

STRUVE RD WS #02

Violation Type:

Monitoring, Repeat Major (TCR)

Contaminant:

COLIFORM (TCR)

Compliance Period:

12/1/2005 0:00:00 - 12/31/2005 0:00:00

Violation ID: **Enforcement Date:**  0600010 1/19/2006 0:00:00

Enf. Action:

State Public Notif Requested

System Name:

STRUVE RD WS #02

Violation Type:

Monitoring, Routine Minor (TCR)

Contaminant: Compliance Period: COLIFORM (TCR)

Violation ID: **Enforcement Date:**  1/1/2006 0:00:00 - 1/31/2006 0:00:00

0600011

2/16/2006 0:00:00

Enf. Action:

State Public Notif Requested

### **ENFORCEMENT INFORMATION:**

System Name:

STRUVE RD WS #02

Violation Type:

Monitoring, Routine Minor (TCR)

Contaminant: Compliance Period:

COLIFORM (TCR) 01/01/06 - 01/31/06

Violation ID:

0600011

Enforcement Date:

-02/16/06

Enf. Action:

State Public Notif-Requested

System Name:

Violation Type:

Monitoring, Routine Minor (TCR)

Contaminant: Compliance Period: COLIFORM (TCR) 01/01/06 - 01/31/06

STRUVE RD WS #02

Violation ID:

0600011

**Enforcement Date:** 

02/16/06

Enf. Action:

State Violation/Reminder Notice

System Name:

STRUVE RD WS #02

Violation Type: Contaminant:

Monitoring, Routine Minor (TCR)

COLIFORM (TCR)

Compliance Period:

1/1/2006 0:00:00 - 1/31/2006 0:00:00

Violation ID:

Enforcement Date:

0600011 2/16/2006 0:00:00

Enf. Action:

State Violation/Reminder Notice

System Name:

STRUVE RD WS #2

Violation Type:

Initial Tap Sampling for Pb and Cu

Contaminant:

LEAD & COPPER RULE

Compliance Period:

1993-07-01 - 2000-04-04

Violation ID:

95V0001

Enforcement Date:

2000-04-04

Enf. Action:

State Compliance Achieved

System Name:

STRUVE RD WS #2

Violation Type:

Initial Tap Sampling for Pb and Cu

Contaminant:

LEAD & COPPER RULE

Compliance Period:

1993-07-01 - 2000-04-04

2000-04-04

Violation ID: Enforcement Date: 95V0001

Enf. Action:

Enf. Action:

Enf. Action:

State Compliance Achieved

State Compliance Achieved

System Name:

STRUVE RD WS #02

Violation Type:

Initial Tap Sampling for Pb and Cu

Contaminant:

LEAD & COPPER RULE

Compliance Period:

07/01/93 - 04/04/00

Violation ID:

95V0001

Enforcement Date:

04/04/00

System Name:

STRUVE RD WS #2

Violation Type:

Initial Tap Sampling for Pb and Cu

Contaminant:

System Name:

LEAD & COPPER RULE 1993-07-01 - 2015-12-31

Compliance Period: Violation ID: **Enforcement Date:** 

95V0001

Not Reported

STRUVE RD WS #02

Violation Type:

Initial Tap Sampling for Pb and Cu LEAD & COPPER RULE

Contaminant: Compliance Period:

95V0001

Violation ID: **Enforcement Date:**  7/1/1993 0:00:00 - 4/4/2000 0:00:00

Enf. Action:

State Compliance Achieved

**CONTACT INFORMATION:** 

Name: Contact: STRUVE RD WS #02

Elena Brunner

4/4/2000 0:00:00

Population: Phone:

166 Not Reported

Not Reported

Address:

12901 TRIPOLI CT

LOS ALTOS HILLS, CA 94022

TC2532358.2s Page A-15

	ap ID				
	rection stance				•
	evation			Database	EDR ID Number
3 SE				FED USGS	USGS3236092
1/2	2 - 1 Mile gher				
	_				
	Agency-cd:	USGS	Site no:	-37 <del>22</del> 19122064301	<del> </del>
	Site name:	006S002W32D001M			
	Latitude:	372219.1 1220643.6	Doolot	27 27407222	
	Longitude: Dec lon:	-122.11211111	Dec lat: Coor meth:	37.37197222 G	•
	•			NAD83	
	Coor accr:	S NAD83	Latlong datum: District:	06 .	
	Dec latlong datum:			085	
	State:	06	County:		
	Country:	US	Land net:	Not Reported	
	Location map:	CUPERTINO	Map scale:	24000	
	Altitude:	220	<u></u>		
	Altitude method:	Interpolated from topographic ma	ib		
	Altitude accuracy:	5	14000	•	
	Altitude datum:	National Geodetic Vertical Datum	1 of 1929		
	Hydrologic:	Not Reported			
	Topographic:	Flat surface	Data construction:	10100502	
	Site type:	Ground-water other than Spring	Date construction:	19400503	•
	Date inventoried: Local standard time flag:	20010731 Y	Mean greenwich time offset:	PST	
	Type of ground water site:	· · · · · · · · · · · · · · · · · · ·	or Bonney tune		
		Single well, other than collector of	r Rainley type		
	Aquifer Type:	Not Reported			
	Aquifer:	Not Reported	Llata donthi	E4E	
	Well depth:	515	Hole depth:	515	
	Source of depth data:	owner			
	Project number:	470657500	Daily flow data bagin data	0000 00 00	
	Real time data flag:	0	Daily flow data begin date:	0000-00-00	
	Daily flow data end date: Peak flow data begin date:	0000-00-00	Daily flow data count: Peak flow data end date:	0 0000-00-00	
	Peak flow data count:	0	Water quality data begin date:		4 - 3
	Water quality data end date		Water quality data count:	1	
	Ground water data begin da Ground water data count:		Ground water data end date:	0000-00-00	
	Ground water data count:	U			
	Ground-water levels, Numb	er of Measurements: 0			
	Cround water levels, Ivamb	or or wedgerernernes.	<u> </u>		<del></del>
,					
4 EN	IF ·			FED USGS	USGS3236095
	2 - 1 Mile			1 LD 0303	00000200090
	wer				
	Agency cd:	USGS	Site no:	372303122062101	
	Site name:	006S002W29B002M	One no.	07 2000 122002 10 1	
	Latitude:	372303.4			
	Longitude:	1220621.0	Dec lat:	37 38427778	
	Dec Ion:	-122.10583333	Coor meth:	G	
	Coor accr:	S	Latlong datum:	NAD83	
	Dec lationg datum:	NAD83	District:	06	
	State:	06	County:	085	
	State: Country:	US	Land net:	Not Reported	
	•			•	
	Location map:	MOUNTAIN VIEW	Map scale:	24000	

Altitude:

Altitude method:

Interpolated from topographic map

Altitude accuracy:

Altitude datum:

National Geodetic Vertical Datum of 1929

Hydrologic:

Not Reported

Topographic: Site type:

Flat surface

Ground-water other than Spring Date construction:

Not Reported

Date inventoried:

Mean-greenwich-time-offset:

Local standard time flag:

Type of ground water site:

Single well, other than collector or Ranney type

Aquifer Type:

Not Reported

Aquifer:

Not Reported

Well depth:

Source of depth data:

695

Hole depth:

Not Reported

Project number:

other government (other than USGS) 470657500

Real time data flag:

Daily flow data begin date:

0000-00-00

Daily flow data end date: Peak flow data begin date: 0000-00-00

0000-00-00

Daily flow data count: Peak flow data end date:

0000-00-00

Peak flow data count:

Water quality data begin date: 2001-07-31

Water quality data end date: 2001-07-31 Ground water data begin date: 0000-00-00 Water quality data count: Ground water data end date:

0000-00-00

Ground water data count: 0

Ground-water levels, Number of Measurements: 0

South 1/2 - 1 Mile Higher

**CA WELLS** 

6909

Water System Information:

Prime Station Code: FRDS Number:

06S/02W-34N03 M 4310001007

User ID:

HEN

District Number:

05

County: Station Type: Santa Clara

Water Type:

Well/Groundwater

Well Status:

WELL/AMBNT/MUN/INTAKE/SUPPLY

Source Lat/Long:

372200.0 1220700.0

WELL 006-02 - INACTIVE

Precision:

Inactive Untreated 1 Mile (One Minute)

Source Name:

System Number:

4310001

System Name:

CWSC Los Altos Suburban

Organization That Operates System:

949 B Street Los Altos, CA 94024

Connections:

17895

Pop Served: Area Served: 53940 LOS ALTOS

43 MG/L

Sample Collected: Chemical:

11/25/2002 00:00:00

NITRATE (AS NO3)

Findings:

Sample Collected:

11/25/2002 00:00:00 CHROMIUM, HEXAVALENT Findings:

1.4 UG/L

Chemical: Sample Collected:

11/25/2002 00:00:00

Findings:

4 UG/L

Chemical:

CHROMIUM (TOTAL CR-CRVI SCREEN) 07/17/2002 00:00:00

Findings:

5 UNITS

Sample Collected: Chemical:

COLOR

Findings:

860 US

Sample Collected: Chemical:

07/17/2002 00:00:00 SPECIFIC CONDUCTANCE

Findings:

7.5

Sample Collected: Chemical:

07/17/2002 00:00:00 PH, LABORATORY

Findings:

290 MG/L

Sample Collected: Chemical:

07/17/2002 00:00:00

ALKALINITY (TOTAL) AS CACO3

	· ·		
Sample Collected: Chemical:	07/17/2002 00:00:00 BICARBONATE ALKALINITY	Findings:	290 MG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 HARDNESS (TOTAL) AS CACO3	Findings:	450 MG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 CALCIUM	Findings:	110 MG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 MAGNESIUM	Findings:	43 MG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 SODIUM	Findings:	30 MG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 CHLORIDE	Findings:	70 MG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 BARIUM	Findings:	190 UG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 TOTAL DISSOLVED SOLIDS	Findings:	590 MG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 NITRATE (AS NO3)	Findings:	40 MG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 CHROMIUM (TOTAL CR-CRVI SCRE	Findings: EN)	6 UG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 COLOR	Findings:	5 UNITS
Sample Collected: Chemical:	07/17/2002 00:00:00 SPECIFIC CONDUCTANCE	Findings:	860 US
Sample Collected: Chemical:	07/17/2002 00:00:00 PH, LABORATORY	Findings:	7.5
Sample Collected: Chemical:	07/17/2002 00:00:00 ALKALINITY (TOTAL) AS CACO3	Findings:	290 MG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 BICARBONATE ALKALINITY	Findings:	290 MG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 HARDNESS (TOTAL) AS CACO3	Findings:	450 MG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 CALCIUM	Findings:	110 MG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 MAGNESIUM	Findings:	43 MG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 SODIUM	Findings:	30 MG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 CHLORIDE	Findings:	70 MG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 BARIUM	Findings:	190 UG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 TOTAL DISSOLVED SOLIDS	Findings:	590 MG/L
Sample Collected: Chemical:	07/17/2002 00:00:00 LANGELIER INDEX @ 60 C	Findings:	.7
Sample Collected: Chemical:	07/17/2002 00:00:00 NITRATE (AS NO3)	Findings:	42 MG/L
the state of the s			

Map ID Direction Distance Elevation

Database

EDR ID Number

A6 South 1/2 - 1 Mile Higher

**CA WELLS** 

6907

Water System Information:

Prime Station Code: FRDS Number:

06S/02W-34K02 M

4310001010

05

District Number: Water Type:

Well/Groundwater 372200.0 1220700.0

Source Lat/Long: Source Name:

WELL 017-01 4310001

System Number: System Name:

CWSC Los Altos Suburban

Organization That Operates System:

949 B Street

Pop Served: Area Served: Sample Collected:

Chemical:

Los Altos, CA 94024 53940 LOS ALTOS

10/02/2007 00:00:00 NITRATE (AS NO3)

07/16/2007 00:00:00 Sample Collected: Chemical: NITRATE (AS NO3)

04/11/2007 00:00:00 Sample Collected: Chemical: NITRATE (AS NO3) Sample Collected: 01/16/2007 00:00:00

Chemical: NITRATE (AS NO3) Sample Collected: 10/03/2006 00:00:00

NITRATE (AS NO3) Chemical: Sample Collected: 07/16/2006 00:00:00 RADIUM 228 Chemical:

07/16/2006 00:00:00 Sample Collected: **RADIUM 228 COUNTING ERROR** Chemical:

Sample Collected: 07/11/2006 00:00:00 Chemical: NITRATE (AS NO3) 04/17/2006 00:00:00 Sample Collected:

NITRATE (AS NO3) Chemical: Sample Collected: 04/17/2006 00:00:00

**RADIUM 228 COUNTING ERROR** Chemical: Sample Collected: 03/06/2006 00:00:00 Chemical: **RADIUM 228 COUNTING ERROR** 

Sample Collected: 01/17/2006 00:00:00 Chemical: NITRATE (AS NO3)

Sample Collected: 10/03/2005 00:00:00 Chemical: NITRATE (AS NO3) 09/13/2005 00:00:00 Sample Collected: TURBIDITY, LABORATORY Chemical:

Sample Collected: 09/13/2005 00:00:00 Chemical: SPECIFIC CONDUCTANCE

Sample Collected: 09/13/2005 00:00:00 Chemical: PH, LABORATORY

User ID: HEN

Santa Clara County: Station Type:

Well Status: Precision:

WELL/AMBNT/MUN/INTAKE/SUPPLY

**Active Untreated** 1 Mile (One Minute)

17895

Connections: Findings:

33.494 MG/L

Findings: 30.368 MG/L

Findings: 29.684 MG/L

31.376 MG/L Findings:

Findings: 22.271 MG/L Findings: 1.1 PCI/L

Findings: .483 PCI/L

Findings: 28.492 MG/L

46 PCI/L

Findings: 34 MG/L

Findings:

.44 PCI/L Findings:

Findings: 27 63 MG/L

Findings: 26.093 MG/L

Findings: .1 NTU

670 US Findings:

Findings:

Sample Collected: Chemical:	09/13/2005 00:00:00 ALKALINITY (TOTAL) AS CACO3	Findings:	240 MG/L
Sample Collected: Chemical:	09/13/2005 00:00:00 BICARBONATE ALKALINITY	Findings:	290 MG/L
Sample Collected: Chemical:	09/13/2005 00:00:00 HARDNESS (TOTAL) AS CACO3	Findings:	270 MG/L
Sample Collected: Chemical:	09/13/2005 00:00:00 CALCIUM	Findings:	74 MG/L
Sample Collected: Chemical:	09/13/2005 00:00:00 MAGNESIUM	Findings:	21 MG/L
Sample Collected: Chemical:	09/13/2005 00:00:00 SODIUM	Findings:	31 MG/L
Sample Collected: Chemical:	09/13/2005 00:00:00 CHLORIDE	Findings:	42 MG/L
Sample Collected: Chemical:	09/13/2005 00:00:00 FLUORIDE (F) (NATURAL-SOURCE)	Findings:	.2 MG/L
Sample Collected: Chemical:	09/13/2005 00:00:00 BARIUM	Findings:	120 UG/L
Sample Collected: Chemical:	09/13/2005 00:00:00 TOTAL DISSOLVED SOLIDS	Findings:	400 <sub>.</sub> MG/L
Sample Collected: Chemical:	09/13/2005 00:00:00 LANGELIER INDEX @ 60 C	Findings:	1.
Sample Collected: Chemical:	09/13/2005 00:00:00 NITRATE (AS NO3)	Findings:	29 MG/L
Sample Collected: Chemical:	04/05/2005 00:00:00 NITRATE (AS NO3)	Findings:	29.334 MG/L
Sample Collected: Chemical:	01/27/2005 00:00:00 NITRATE (AS NO3)	Findings:	29.562 MG/L
Sample Collected: Chemical:	01/10/2005 00:00:00 PH, FIELD	Findings:	7.3
Sample Collected: Chemical:	10/25/2004 00:00:00 NITRATE (AS NO3)	Findings:	25.309 MG/L
Sample Collected: Chemical:	07/20/2004 00:00:00 NITRATE (AS NO3)	Findings:	34 MG/L
Sample Collected: Chemical:	06/01/2004 00:00:00 NITRATE (AS NO3)	Findings:	24.753 MG/L
Sample Collected: Chemical:	02/10/2004 00:00:00 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	11/05/2003 00:00:00 NITRATE (AS NO3)	Findings:	29 MG/L
Sample Collected: Chemical:	11/05/2003 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	.84 PCI/L
Sample Collected: Chemical:	09/09/2003 00:00:00 NITRATE (AS NO3)	Findings:	28 MG/L
Sample Collected: Chemical:	08/26/2003 00:00:00 NITRATE (AS NO3)	Findings:	28 MG/L
Sample Collected: Chemical:	07/09/2003 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	.75 PCI/L
Sample Collected: Chemical:	07/07/2003 00:00:00 NITRATE (AS NO3)	Findings:	28 MG/L

Sample Collected: Chemical:	06/04/2003 00:00:00 NITRATE (AS NO3)	Findings:	28 MG/L
Sample Collected: Chemical:	06/04/2003 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	.66 PCI/L
Sample Collected: Chemical:	05/06/2003 00:00:00 NITRATE (AS NO3)	Findings:	29 MG/L
Sample Collected: Chemical:	04/08/2003 00:00:00 NITRATE (AS NO3)	Findings:	30 MG/L
Sample Collected: Chemical:	02/24/2003 00:00:00 GROSS ALPHA COUNTING ERROR	Findings:	.66 PCI/L
Sample Collected: Chemical:	02/19/2003 00:00:00 NITRATE (AS NO3)	Findings:	25 MG/L
Sample Collected: Chemical:	12/02/2002 00:00:00 NITRATE (AS NO3)	Findings:	26 MG/L
Sample Collected: Chemical:	11/13/2002 00:00:00 NITRATE (AS NO3)	Findings:	27 MG/L
Sample Collected: Chemical:	10/31/2002 00:00:00 NITRATE (AS NO3)	Findings:	28 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 SPECIFIC CONDUCTANCE	Findings:	650 US
Sample Collected: Chemical:	09/24/2002 00:00:00 PH, LABORATORY	Findings:	7.7
Sample Collected: Chemical:	09/24/2002 00:00:00 ALKALINITY (TOTAL) AS CACO3	Findings:	230 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 BICARBONATE ALKALINITY	Findings:	230 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 HARDNESS (TOTAL) AS CACO3	Findings:	300 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 CALCIUM	Findings:	84 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 MAGNESIUM	Findings:	23 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 SODIUM	Findings:	30 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 CHLORIDE	Findings:	41 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 BARIUM	Findings:	130 UG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 TOTAL DISSOLVED SOLIDS	Findings:	350 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 LANGELIER INDEX @ 60 C	Findings:	.67
Sample Collected: Chemical:	09/24/2002 00:00:00 NITRATE (AS NO3)	Findings:	30 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 SPECIFIC CONDUCTANCE	Findings:	650 US
Sample Collected: Chemical:	09/24/2002 00:00:00 PH, LABORATORY	Findings:	7.7
Sample Collected: Chemical:	09/24/2002 00:00:00 ALKALINITY (TOTAL) AS CACO3	Findings:	230 MG/L

Sample Collected: Chemical:	09/24/2002 00:00:00 BICARBONATE ALKALINITY	Findings:	230 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 HARDNESS (TOTAL) AS CACO3	Findings:	300 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 CALCIUM	Findings:	84 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 MAGNESIUM	Findings:	23 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 SODIUM	Findings:	30 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 CHLORIDE	Findings:	41 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 BARIUM	Findings:	130 UG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 TOTAL DISSOLVED SOLIDS	Findings:	350 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 NITRATE (AS NO3)	Findings:	30 MG/L
Sample Collected: Chemical:	09/24/2002 00:00:00 CHROMIUM (TOTAL CR-CRVI SCRE	Findings: EN)	4 UG/L
Sample Collected: Chemical:	09/05/2002 00:00:00 NITRATE (AS NO3)	Findings:	30 MG/L
Sample Collected: Chemical:	08/06/2002 00:00:00 NITRATE (AS NO3)	Findings:	28 MG/L
Sample Collected: Chemical:	07/23/2002 00:00:00 BORON	Findings:	120 UG/L
Sample Collected: Chemical:	07/23/2002 00:00:00 VANADIUM	Findings:	4.7 UG/L
Sample Collected: Chemical:	07/08/2002 00:00:00 NITRATE (AS NO3)	Findings:	28 MG/L
Sample Collected: Chemical:	04/02/2002 00:00:00 NITRATE (AS NO3)	Findings:	28 MG/L
Sample Collected: Chemical:	03/04/2002 00:00:00 NITRATE (AS NO3)	Findings:	28 MG/L
Sample Collected: Chemical:	02/05/2002 00:00:00 NITRATE (AS NO3)	Findings:	27 MG/L
Sample Collected: Chemical:	01/29/2002 00:00:00 BORON	Findings:	130 UG/L
Sample Collected: Chemical:	01/29/2002 00:00:00 VANADIUM	Findings:	5.1 UG/L
Sample Collected: Chemical:	01/23/2002 00:00:00 NITRATE (AS NO3)	Findings:	29 MG/L
Sample Collected: Chemical:	01/08/2002 00:00:00 NITRATE (AS NO3)	Findings:	29 MG/L

## GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS RADON

#### AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
94022	19	2	10.53

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: 94022

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor Living Area - 2nd Floor	0.200 pCi/L Not Reported	100% Not Reported	0% Not Reported	0% 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 1999 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 and 2005 from the U.S. Fish and Wildlife Service.

#### HYDROGEOLOGIC INFORMATION

AQUIFLOWR 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.

#### STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

#### OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

#### 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

### PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### 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.

#### STREET AND ADDRESS INFORMATION

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Appendix E:

**Qualifications** 



#### Bryan K. Buller - Curricular Vitae Brief

#### Vice President/Engineering, UPIN Inc.

Formal education in Industrial Engineering, Technology and Design: to evaluate and manage residential, commercial and industrial hazardous and toxic environments. Areas include: forensic building and failure analysis; CAD architectural design and blue-line design drawings; project manager for city RDA and hazardous coating projects; water migration studies; air quality investigations; airborne particulate contamination; microbial contamination; fire contamination evaluation, environmental site audits phase 1 & 2; soils analysis; hazardous coatings; PCB identification and disposal; combustible fuels research; environmental hazard containment and mitigation design; crisis hazard mitigation; project design drawings; building inspection and code interpretation; building demolition; building reconstruction; worker protection; project management; specification generation, strategic sampling protocol; metal analysis and atomic absorption spectrometry; dust analysis by phase contrast microscopy; x-ray florescent technology; smoke damage investigations utilizing poly-aromatic hydrocarbons; small business development; product development; employee management; critical decision making; quality control; inside/outside training; document design and control; general business management.

#### **EXPERIENCE SUMMARY**

More than 13 years of diversified experience in the hazardous materials field. Previously employed at a hazardous materials laboratory industry; employed in the commercial environmental consulting industry; and is an owner of a successful building inspection and environmental engineering firm. Designed and built a national hazardous materials laboratory, and operated the metal analysis laboratory for the same. Experience in microbial and bacteriological contamination mitigation and specification generation for 200+ unit apartment complexes, commercial buildings, single family residences and mobile homes. Developed state-of-the-art inspection technology and programs for building analysis of mobile homes, residential and multiple family buildings. Developed and implemented field technician inspection courses and protocols. Achieved recognition by a national electronics and computer firm for CAD generated computer components. Earned international honorary recognition during undergraduate studies in CAD design and industrial technology.

#### **EDUCATION/CERTIFICATION SUMMARY**

San Jose State University; BS Industrial Engineering (Industrial Technology & Design)

San Jose State University; International Honors EPT

California State Department of Health Services, Lead-Related Construction Inspector/Assessor

Certified Environmental Inspector, Environmental Assessment Association

Certified Inspector, California Real Estate Inspection Association

Certified Inspector, National Association of Certified Home Inspectors

Certified HUD/FHA Inspector, Inspection Training Associates

Certified Mobile Home Inspector, American Institute of Inspectors

Professional Member, International Conference of Building Officials (International Code Council)

Environmental Site Assessments, Environmental Training Center

Fireplace Investigations, Fireplace Investigation Research and Education Service

Moisture Intrusion Investigations, American Institute of Inspectors

Mold Contamination: Policies & Procedures Training, Environmental Health Research Group

Mold Inspections, METS Laboratories

Mold Inspections, California Real Estate Inspection Association

Property Condition Assessment (ASTM 2018); American Standards of Testing and Materials

Updated 06/05

I declare that, to the best of [my, our] professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries; Final Rule.

I 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



Bryan K. Buller; CEI, CMI, CMS #14946



#### Bryan K. Buller - Curricular Vitae Brief

#### Vice President/Engineering, UPIN Inc.

Formal education in Industrial Engineering, Technology and Design: to evaluate and manage residential, commercial and industrial hazardous and toxic environments. Areas include: forensic building and failure analysis; CAD architectural design and blue-line design drawings; project manager for city RDA and hazardous coating projects; water migration studies; air quality investigations; airborne particulate contamination; microbial contamination; fire contamination evaluation, environmental site audits phase 1 & 2; soils analysis; hazardous coatings, PCB identification and disposal; combustible fuels research; environmental hazard containment and mitigation design; crisis hazard mitigation; project design drawings; building inspection and code interpretation; building demolition; building reconstruction; worker protection; project management; specification generation, strategic sampling protocol; metal analysis and atomic absorption spectrometry; dust analysis by phase contrast microscopy; x-ray florescent technology; smoke damage investigations utilizing poly-aromatic hydrocarbons; small business development; product development; employee management; critical decision making; quality control; inside/outside training; document design and control; general business management.

#### **EXPERIENCE SUMMARY**

More than 13 years of diversified experience in the hazardous materials field. Previously employed at a hazardous materials laboratory industry; employed in the commercial environmental consulting industry; and is an owner of a successful building inspection and environmental engineering firm. Designed and built a national hazardous materials laboratory, and operated the metal analysis laboratory for the same. Experience in microbial and bacteriological contamination mitigation and specification generation for 200+ unit apartment complexes, commercial buildings, single family residences and mobile homes. Developed state-of-the-art inspection technology and programs for building analysis of mobile homes, residential and multiple family buildings. Developed and implemented field technician inspection courses and protocols. Achieved recognition by a national electronics and computer firm for CAD generated computer components. Earned international honorary recognition during undergraduate studies in CAD design and industrial technology.

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Certified Environmental Inspector, Environmental Assessment Association

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Certified HUD/FHA Inspector, Inspection Training Associates

Certified Mobile Home Inspector, American Institute of Inspectors

Professional Member, International Conference of Building Officials (International Code Council)

Environmental Site Assessments, Environmental Training Center

Fireplace Investigations, Fireplace Investigation Research and Education Service

Moisture Intrusion Investigations, American Institute of Inspectors

Mold Contamination: Policies & Procedures Training, Environmental Health Research Group

Mold Inspections, METS Laboratories

Mold Inspections, California Real Estate Inspection Association

Property Condition Assessment (ASTM 2018); American Standards of Testing and Materials

Updated 06/05

I declare that, to the best of [my, our] professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries; Final Rule.

I 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



Bryan K. Buller; CEI, CMI, CMS #14946

# Appendix F:

**Additional Documentation** 

#### **USER QUESTIONNAIRE**

For 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. As per the Brownfields Amendments, failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

Respondant Name:	Fred Isaia
Response Date:	07/21/2009
Address:	127 1st Street, Los Altos, CA 94022-2706

	Address:	127 1st Street, Los Altos, CA 94022-2706
Environmental Cleanup     Are-you-aware-of-any-environtribal, state or local law?		gainst the property that are filed or recorded under federal,
	□Ye	s 🕱 No
	such as engineering conf	trols, land use restrictions or institutional controls that are in a registry under federal, tribal, state or local law?  No
involved in the same line of	ed knowledge or experient business as the current o	nces related to the property, nearby properties, or are you or former occupants of the property or an adjoining property chemicals and processes used by this type of business?
4. Purchase Price vs. Fair Does the purchase price be		easonably reflect the fair market value of the property? s □ No
	y known or reasonably as	scertainable information about the property that would help adicative of releases or threatened releases?
5a. Do you know the past us		
Please describe: Restaurant, Glass Shop	X Ye	s □ No
5b. Do you know of specific	chemicals that are preser □ Ye	nt or were once were present at the property? s
5c. Do you know of spills or	other chemical releases tl □ Ye	hat have taken place at the property? s   风 No
5d. Do you know of any env	ironmental cleanups that l □ Ye	nave taken place at the property? s 🕱 No
	sed on your knowledge ar	nd experience related to the property are there any obvious of contamination at the property?

#### **USER QUESTIONNAIRE**

For 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. As per the Brownfields Amendments, failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

Respondant Name:	Mike Shakeri
Response Date:	07/22/2009
Address:	127 1st Street, Los Altos, CA 94022-2706

	Address:	127 1st Street, Los Altos, CA 94022-2706	
1. Environmental Cleanup Are you aware of any envir tribal, state or local law?		against the property that are filed or recorded un	der federal,
,	υYe	es 🕱 No	
	such as engineering cor	ntrols, land use restrictions or institutional control n a registry under federal, tribal, state or local lav es X No	
involved in the same line of	ed knowledge or experie business as the current	ences related to the property, nearby properties or former occupants of the property or an adjoine chemicals and processes used by this type of bes 风 No	ing property
4. Purchase Price vs. Fair Does the purchase price be		reasonably reflect the fair market value of the proes □ No	operty?
	y known or reasonably a	ascertainable information about the property that indicative of releases or threatened releases?	would help
5a. Do you know the past us	ses of the property?	es □ No	
Please describe: Restaurant, Glass Shop	Air	es a No	
5b. Do you know of specific	chemicals that are prese □ Ye	ent or were once were present at the property? es 🕱 No	
5c. Do you know of spills or	other chemical releases □ Ye	that have taken place at the property? es 🕱 No	
5d. Do you know of any env	ironmental cleanups that □ Ye	t have taken place at the property? es	
	sed on your knowledge a resence or likely presenc	and experience related to the property are there ce of contamination at the property?	any obvious

## **Commercial Property**

127 1<sup>st</sup> Street Los Altos, CA 94022

Inquiry-Number: 2532358.7 July 20, 2009

# The EDR Environmental LienSearch™ Report



#### EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information:
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- · search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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### EDR Environmental LienSearch™ Report

#### TARGET PROPERTY INFORMATION

#### **ADDRESS**

COMMERCIAL PROPERTY 127 1<sup>ST</sup> STREET LOS ALTOS, CA 94022

#### **RESEARCH SOURCE**

Source 1: Santa Clara Assessor

Santa Clara County, California

Source 2: Santa Clara Recorder

Santa Clara County, California

#### PROPERTY INFORMATION

#### Deed 1:

Type of Deed: Corporation Grant Deed

Title is vested in: Intellcom, Inc, as to an undivided 2/3 interest and Enterprises Estate, Inc, as to an undivided 1/3 interest

Title received from: Intellcom, Inc.
Deed Dated: August 20, 2004
Deed Recorded: January 18, 2005

Instrument: 18192910

Legal Description: Lot 25, Block 14, Santa Clara County, California. See attached as Exhibit "A".

Property Identifiers: 167-39-045

#### **ENVIRONMENTAL LIEN**

Environmental Lien: Found Not Found

#### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found Not Found

## EDR Environmental LienSearch™ Report

DEED EXHIBIT A

RECORDING REQUESTED BY 18192910 Old Republic Title Company ORDER ( 0631004870-MA Fees, APN 16739045 Taxes. WHEN RECORDED MAIL TO Copies GIAG TMA Name Intellcom, Inc. Street 2540 New Jersey Avenue Address BRENDA DAVIS City San Jose, CA 95124 SANTA CLARA COUNTY RECORDER State Zο Recorded at the request of Old Republic Title Company **Corporation Grant Deed** The undersigned grantor(s) declare(s): Documentary transfer tax is (X) computed on full value of property conveyed, or ) computed on full value less of liens and encumbrances remaining at time of sale. City of Los Altos ( ·) Unincorporated area: (X) Realty not sold. FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, Intelicom, Inc. hereby GRANT(S) to Intelicom, Inc., as to an undivided 2/3 interest and Enterprise Estate, Inc., as to an undivided 1/3 interest that property in city of LosAltoSanta Clara County, State of California, described as follows: See "Exhibit A" attached hereto and made a part hereof. Mail Tax Statements to Grantee at address above August 20, 2004 authorized officers. STATE OF CALIFORNI Intellcom, Inc., a Corporation On ' before me, the personally appeared Ramid Chazvini, President personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(a) is/ac described to the which instrument and acknowledged to me that helphe/they executed (NE same in his/her/their authorized capacity(is), and that by his/her/their significances on the instrument the person(s), or the entity apply behalf of which the person(s) acted, executed the instrument.

In Witness Whereof, said corporation has caused its corporate name and seal to be affixed hereto and this instrument to be executed by its duly

Pages -

10 00

489,50

499.50

RDE # 001

8 00 AM

1/18/2005

NAMES OF THE PERSON OF THE PER **MARNA FREY** DOMM. #1379587 HOTARY PUBLIC-DALIFORNIA SANTA GLARA COUNTY My Comm. Expires October 11, 2006 

Signature Name

(typed or printed)

FTG15-140 0/94

WITNESS my hand and official

(This area for official notarial seal)

## \* DOCUMENT RECEIVED DAMAGED

Order No. : 0631004870-MA

#### EXHIBIT "A"

#### LEGAL DESCRIPTION

The land referred to is situated in the State of California, County of Santa Clara, City of Los Altos, and is described as follows:

#### PARCEL ONE:

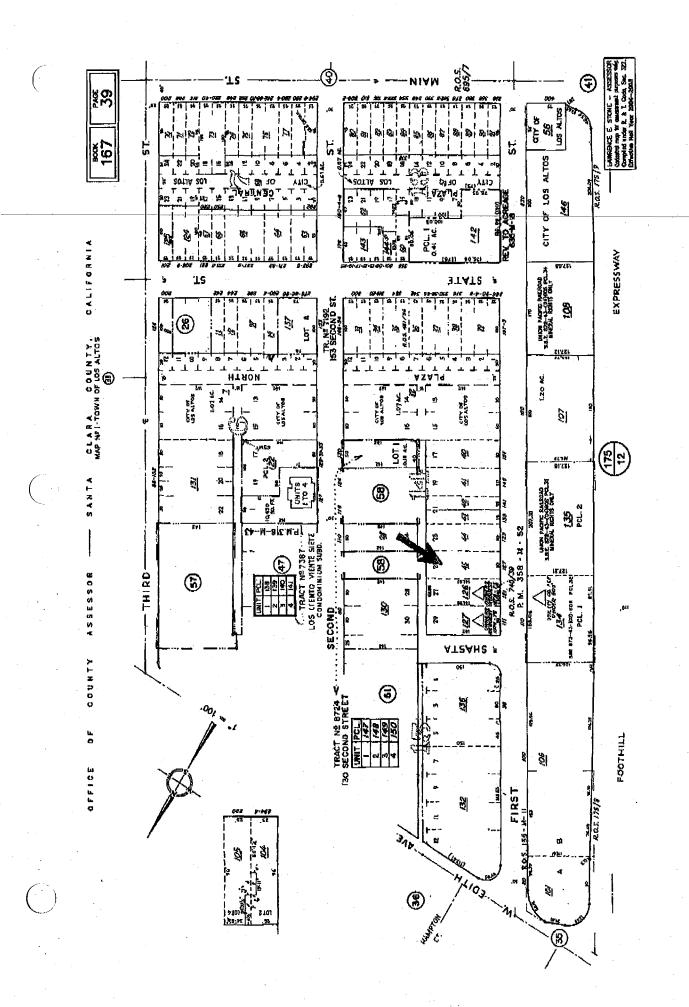
Lot 25 in Block 14, as shown upon a Map entitled, Map No. 1 of the Town of Los Altos, situated in Sec. 30, T. 6 S R., 2 W., M.D.M., filled for record in the Office of the Recorder of the County of Santa Clara, State of California, on October 25, 1907 in Volume "L" of Maps, Page 99.

#### PARCEL TWO:

A Footing Easement described as follows:

The Northwesterly 1.00 foot of Lot 23 in Block 14, as shown upon that certain Map entitled Map No. 1 of the Town of Los Altos, situated in Sec. 30, T. 6 S R., 2 W., M.D.M., filed for record in the Office of the Recorder of the County of Santa Clara, State of California, on October 25, 1907 in Volume "L" of Maps, Page 99. Said 1.00 foot to be measured at right angles from the Northwesterly line of said Lot 23.

167-39-045 11 001 GC/CO/KH A167-39-45





#### \*\*CHAIN AND ENVIRONMENTAL LIEN SEARCH\*\*

July 20, 2009

Mr. Noel Roman Environmental Data Resources Inc. 440 Wheelers Farm Road Milford, CT 06461

RE: 2532358.10/LOS ATOS, CALIFORNIA

Dear Mr. Roman:

RMS has completed the Chain and Environmental Lien search on Commercial Property, located at 127 1<sup>st</sup> Street, Los Atos, California 94022.

Should you have any questions or require further assistance, please contact your sales representative at (888) 306-0004.

Sincerely,

Vicki Rogerson Title Analyst (504) 831-1156, ext. 118 FSE File No. 101348

## RISK MANAGEMENT SEARCH RESULTS

#### CHAIN AND ENVIRONMENTAL LIEN SEARCH

Subject:

**COMMERCIAL PROPERTY** 

127 1<sup>ST</sup> STREET

LOS ATOS, CALIFORNIA 94022

Public records on the subject real property identified above revealed the following information effective to July 6, 2009:

#### **ASSESSMENT**

Location:

Santa Clara County

Land/Description:

Parcel of Land

Parcel No. 167-39-045

#### **DEEDS**

1

Grantee(s):

Intellcom, Inc., as to an undivided 2/3 interest and Enterprise Estate,

(Buyer) Inc., as to an undivided 1/3 interest

Grantor(s):

Intellcom, Inc.

(Seller)
Conveys:

Parcel of Land

Date Executed:

August 20, 2004

Date Recorded:

January 18, 2005

Document Number:

18192910

NOTE:

Copy attached as Exhibit "A".

2 Grantee(s):

Intellcom, Inc.

(Buyer)

**Grantor(s):** 

WT Capital Lender Services and First Los Altos Properties, LLC

(Seller)

**Conveys:** Parcel of Land

Date Executed:

May 3, 2004

Date Recorded: Document Number: May 3, 2004 17759681

Grantee(s): (Buyer)

WT Capital Lender Services and First Los Altos Properties, LLC

**Grantor(s):** 

(Seller)

First Street Cal-West Partnership I,LLC

**Conveys:** 

Parcel of Land

Date Executed:

December 10, 1999

Date Recorded:

December 10, 1999

Document Number:

15085829

**Grantee(s):** 

(Buyer)

First Street Cal-West Partnership I, LLC

**Grantor(s):** 

(Seller)

Walter Candrews and Judith Lynn Yates and Ronald L. Ruggles

**Conveys:** 

Parcel of Land

Date Executed:

April 2, 1996

Date Recorded:

April 2, 1996

Document Number:

13243452s

5 Grantee(s):

**Judith Lynn Yates** 

(Buyer)

**Grantor(s):** (Seller)

Robert L. Yates

Conveys:

Parcel of Land

Date Executed:

April 2, 1996

Date Recorded:

April 2, 1996

Document Number:

13243451

Grantee(s):

Robert L. Yates

(Buyer)

**Grantor(s):** 

Sandy Ruggles

(Seller) **Conveys:** 

Parcel of Land

Date Executed:

April 2, 1996

Date Recorded:

April 2, 1996

Document Number:

13243450

**Grantee(s):** 

(Buyer)

Candrews, Judith Lynn Yates and Ronald L. Ruggles

**Grantor(s):** 

Los Altos Glass Company

(Seller) **Conveys:** 

Parcel of Land

Date Executed:

April 2, 1996

Date Recorded:

April 2, 1996

Document Number:

13243449

R

Grantee(s):

Los Altos Glass Company

(Buyer)

**Grantor(s):** 

**Edward Sassoon and Flora Sassoon** 

(Seller)

**Conveys:** 

Parcel of Land

Date Executed:

September 6, 1963

Date Recorded:

September 6, 1963

DBV/PG:

6180/727

#### **EXAMINER'S NOTE**

Public Records of Santa Clara County, California were searched from January 1, 1940 to July 6, 2009, and no other deeds vesting title in the subject property were found of record during the period searched.

#### **ENVIRONMENTAL LIENS**

Public Records of Santa Clara County, California were searched from January 1, 1940 to July 6, 2009, and no environmental liens on the subject property were found of record during the period searched.

#### **AUL'S**

Public Records of Santa Clara County, California were searched from January 1, 1940 to July 6, 2009, and no activity or use limitations on the subject property were found of record during the period searched.

#### **EASEMENTS**

See attached as Exhibit "A".

#### LEGAL DESCRIPTION

Legal description included on Exhibit "A".

#### **GENERAL COMMENTS**

This concludes the investigation on the above captioned. Again, should you have any questions, please feel free to contact your sales representative, (504) 831-1156.

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EXHIBIT A

RECORDING REQUESTED BY Öld Republic Title Company ORDER # 0631004870-MA

APN

16739045

WHEN RECORDED MAIL TO

Name

Intellcom, Inc.

Street, **Address** 

2540 New Jersey Avenue

City State Zρ

San Jose, CA 95124

DOCUMENT:

18192910



Pages:

Fees. Taxes.

10 00 489,50

Copies. AMT PAID

499.50

BRENDA DAVIS

SANTA CLARA COUNTY RECORDER

Recorded at the request of Old Republic Title Company RDE # 001 1/18/2005

8+00-AM

**Corporation Grant Deed** 

The undersigned grantor(s) declare(s): 489.50

Documentary transfer tax is

(X) computed on full value of property conveyed, or ) computed on full value less of liens and encumbrances remaining at time of sale.

(·) Unincorporated area: (X) City of Los Altos

Realty not sold.

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, Intelicom, Inc.

hereby GRANT(S) to

Intellcom, Inc., as to an undivided 2/3 interest and Enterprise Estate, Inc., as to an undivided 1/3 interest

that property in city of LosAltoSanta Clara County, State of California, described as follows: See "Exhibit A" attached hereto and made a part hereof.

Mail Tax Statements to Grantee at address above

August 20, 2004

STATE OF CALIFORNIA COUNTY OF

On 😅

before me, the versonally appeared

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/her described to me within instrument and admowledged to me that he/she/they executed the same in his/her/their authorized capacity(es), and that by his/her/their significance(s) on the instrument the person(s), or the entity spon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official

Signature

Name

(typed or printed)

In Witness Whereof, said corporation has caused its corporate name and said to be affixed hereto and this instrument to be executed by its duly authorized officers.

Intellcom, Inc., a Corporation

Hamid Ghazvini, President

TANKAN AND THE PROPERTY OF THE PARTY OF THE **MARNA FREY** DOMM. #1379597 HOTARY PUBLIC-DALIFORNIA SANTA CLARA COUNTY

My Comm. Explice October 11, 2008

(This area for official notarial seal)

MAIL TAX STATEMENT AS DIRECTED ABOVE

## TODAYAN GEVELER THEMPOOD

Order No. : 0631004870-MA

#### EXHIBIT "A"

#### LEGAL DESCRIPTION

The land referred to is situated in the State of California, County of Santa Clara, City of Los Altos, and is described as follows:

#### PARCEL ONE:

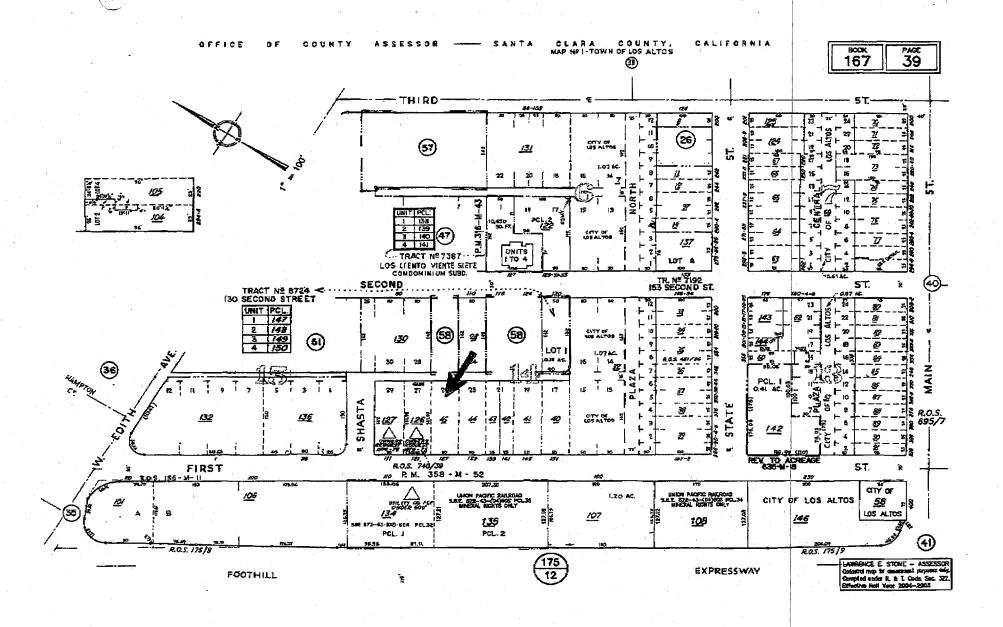
Lot 25 in Block 14, as shown upon a Map entitled, Map No. 1 of the Town of Los Altos, situated in Sec. 30, T. 6 S R., 2 W., M.D.M., filed for record in the Office of the Recorder of the County of Santa Clara, State of California, on October 25, 1907 in Volume "L" of Maps, Page 99.

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167-39-045 11 001 GC/CO/KH A167-39-45



EHA NRPP 101193 AL NRSB ARL0017 CA Certified Radon Lab 101193AL

EPA Method #402-R-92-004 Charcoal Canister NEHA Device Code 1017, 1159

Laboratory Report For

**Property Tested** 

Bryan Buller

Fred Kaia

3732 Charter Park Drive Suite A

127 1st Street

Santa Clara CA 95050 Los Altos CA 94022

Log Number	<b>Device Number</b>	Area Tested	Result (pCi/L)
1092784	408112	Basement	< 0.4
1092785	408160	Basement	0.5

Radon test results are below the EPA action level of 4 pCi/L. No further action is required at this time. The EPA suggests that ou may want to test again in the future to ensure that radon levels remain below the action level. If the property tested uses water from a private well, you may wish to consider testing for radon in water.

Comment: A copy of this report was e-mailed to bryanb@benchmarkenvironmental.com on 7/31/09. A copy of this report was re-mailed to bryanb@benchmarkenvironmental.com on 7/31/09.

Distributed By: Professional Equipment

Test Performed By: Gerardo

Test Began:

7/24/2009 4:25 pm Date Received:

7/28/2009

Test Ended:

7/27/2009 1:40 pm

Date Analyzed:

7/28/2009

**Test Exposure Duration** 

69.2 Hours

Date Reported:

7/29/2009

Report Reviewed By:

Report Approved By: Carly K. Alle

Carolyn K. Allen President, AccuStar Labs

Disclaimer:

The uncertainty of this radon measurement is ~+/- 10 %. Factors contributing to uncertainty include, statistical variations, daily and seasonal variations in radon concentrations, sample collection techniques, and operation of the dwelling. Interference with test conditions may influence the test

This report may only be transferred to a third party in its entirety. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY. Results shown on this report represent levels of radon gas measured between the dates shown in the room or area of the site identified above as "Property Tested". Incorrect information will affect results. The results may not be construed as either predictive or supportive of measurements conducted in any area of this structure at any other time. AccuStar Labs, its employees and agents are not responsible for the consequences of any action taken or not taken based upon the results reported or any verbal or written interpretation of the results.



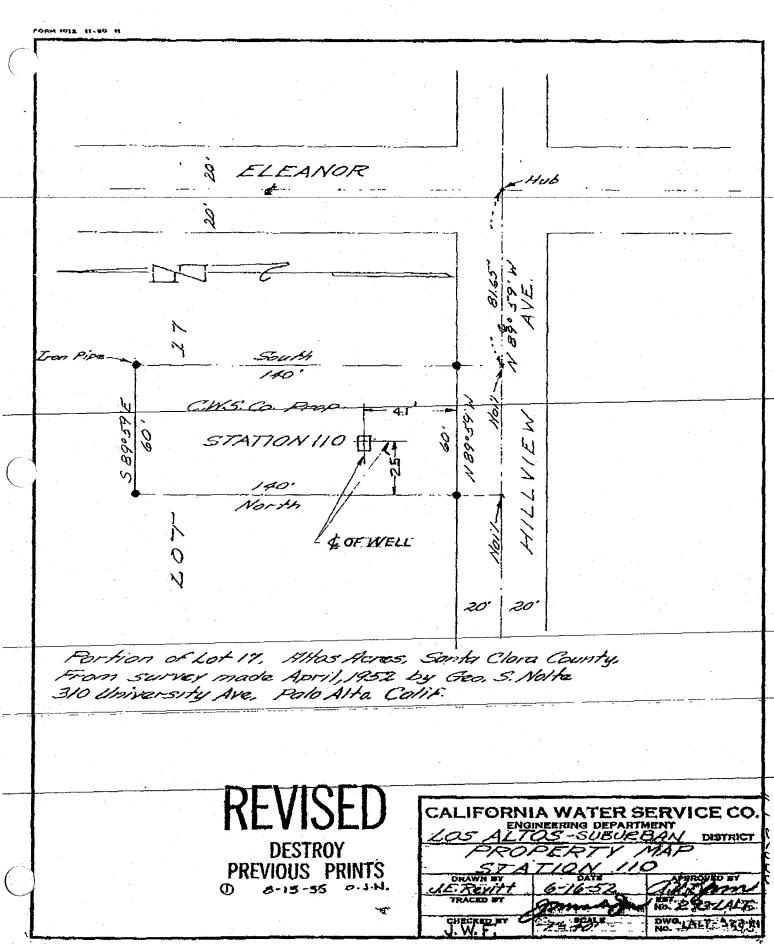
## California Water Service Company Engineering Department

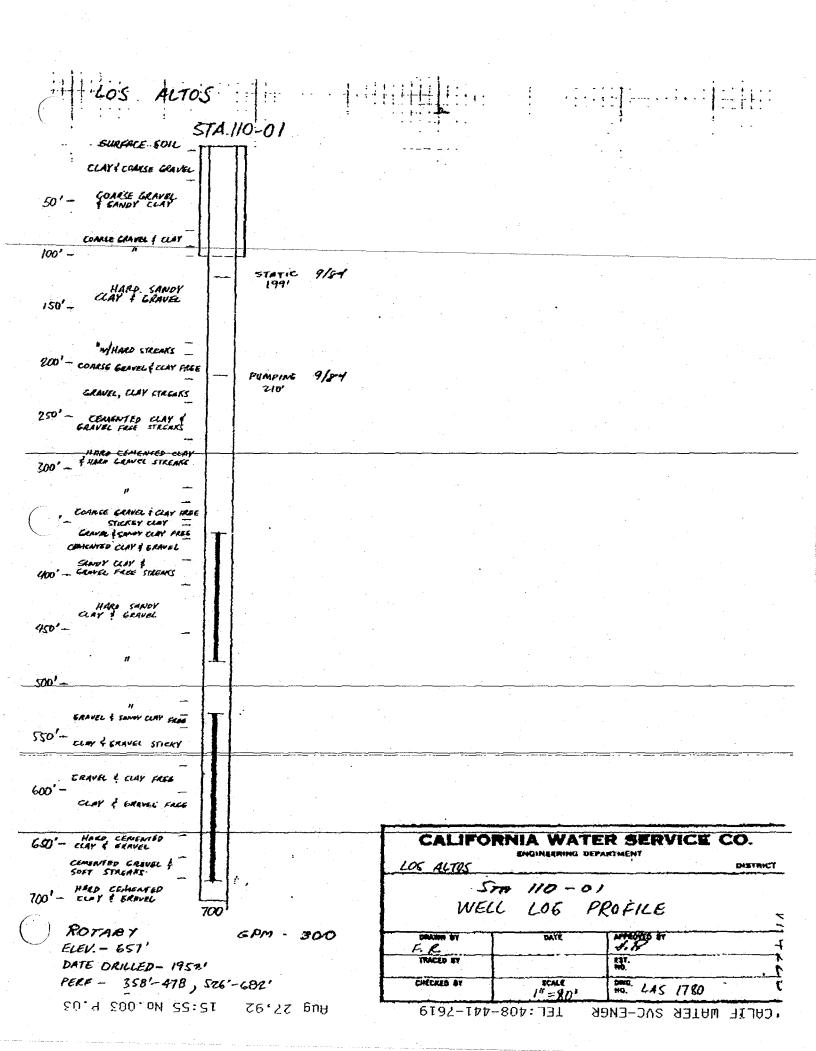
FAX 8/27 DJC

DATE 8-27
TIME 4:00 P

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Firm or Company SCVWD	
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Office phone number	
FAX number 268-7687	
FROM	
Name MIKE FOGEL	
Firm or Company California Water Service Company	
Address 1720 North First Street	
P.O. Box 1150	
San Jose, CA. 95108	
Office phone number (408) 451-8200	
FAX number (408) 441-7619	
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T. Jwanna 6/2/92

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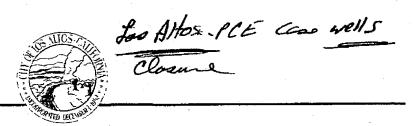
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FC 255 (02-28-80)

for Altos Well, for Altos
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Santa Clara Valley Water District FC 200 (03-07-90)

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## CITY OF LOS ALTOS

One North San Antonio Road Los Altos, California 94022-3088

Tel: (415) 948-1491 Fax: (415) 941-7419

12/7 ORY TIL BG 2AD

December 4, 1992

Mr. Frank Gaunce, Unit Chief
Department of Toxic Substances Control, Region 2
State of California - Environmental Protection Agency
700 Heinz Avenue, Suite 200
Berkeley, CA 94710-2737

Re: Hillview-Eleanor Site

Dear Mr. Gaunce:

This letter summarizes the City's actions since receipt of a letter from your Department dated March 25, 1992, to the City's counsel. In that letter, the City of Los Altos was directed to complete groundwater sampling and closure procedures for the City well (#10) located at the subject site. This work has now been completed as described below. All sampling and closure activities were coordinated with your department and the Santa Clara Valley Water District.

# Groundwater Sampling

 March, 1992 -	The City received bids for the required sampling of the groundwater in well #10.
May 29, 1992 -	The work plan submitted by the low bidder, Weiss
	Associates, was forwarded to you for review, comment and
	approval.
July 7, 1992 -	Dated letter from you approving the submitted work plan.
September 10, 1992 -	Sampling of well #10 was completed. Samples were
	forwarded under manifest to the California Department of
· · · · · · · · · · · · · · · · · · ·	Health Services Hazardous Materials Laboratory.
September 25, 1992 -	The City received a telephone call from staff in your
	Department and was informed that "field testing' of the
	bailer would be required, to assure that the bailer had not
	leaked during the sampling procedure.
October 13, 1992 -	Telephone conversation between staff in your Department and the City confirmed that field testing requested on
	September 25, 1992 would not be required. The City was

October 26, 1992 -

directed to continue with abandonment of the well.

The City received the groundwater sampling results from

your department and was directed to decommission the

well.

## Well Closure

The closure of the City's well #10 was coordinated by California Water Service Company (CWS) in conjunction with closure of their well #110. CWS received bids for closure of the wells and awarded the work to C&N Pump and Well Company. As previously stated, all closure activities were coordinated with your Department and the Santa Clara Valley Water District (SCVWD), through either CWS or the City.

October 26, 1992 -

Well #10 casing was perforated.

October 27, 1992 -

The well was filled with concrete. SCVWD well inspector

was present during filling.

November 5, 1992 -

Dig-out and capping of the well was completed.

November 16, 1992 - The City received copies of the Well Destruction

Application, the Well Destruction Completion Notice, and

the Water Well Drillers Report.

Enclosed are copies of the Well Destruction Application, the Water Well Drillers Report, and the Well Destruction Completion Notice.

I believe this fulfills all requests to the City by your Department for the subject site. If you have any questions, please call Landy Darrow at extension 230.

Sincerely,

Bruce Bane

Director of Public Works

Enclosures

cc: City Council

City Manager

City Attorney

Project Engineer

California Water Service Company

Santa Clara Valley Water District

Weiss Associates

Los Altos Welk, Los Alto CC/4 Contains. Con



OHM Remediation Services Corp.

~PR 23 1997

April 22, 1992

Mr. Bruce Bane City of Los Altos 1 North San Antonio Road Los Altos, CA 94022 6/1 OR16 TII W/9
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B6
DJC

Dear Mr. Bane,

OHM is pleased to provide the following proposal to the City of Los Altos for the completion of a groundwater sampling program at two well locations at the Hillview-Eleanor Plume Site in Los Altos, California. The proposal was requested verbally by Ms. Landy Spindler of the City of Los Altos to Ms. Rachel Hess of OHM on April 3, 1992.

The procedures to be followed during this sampling program are described in the attached sampling plan. This plan closely resembles that utilized during the sampling program OHM conducted at the Site in 1990 under contract to the State of California, Department of Health Services. OHM proposes to use Welenco Geophysical Services of Bakersfield to provide and operate the vacuum-operated point-source samplers to be used in the sampling process. The sampling method provide an accurate, reliable and efficient method for interval-sampling of groundwater from deep wells. The technology was successfully used under approval of the State during the previous sampling phase OHM conducted at the Site.

OHM estimates the approximate total cost of \$ 12,152.20 for the completion of the sampling program at the site as described in the attached sampling plan. The cost per well is approximately \$ 6,076.10, provided that both wells are sampled during the same scheduled sampling event. This cost is based upon the collection of a total number of samples of approximately 36 samples from both wells. OHM proposes to supply this service on a Time and Materials Basis. A corporate rate sheet and Environmental Services Agreement is attached for your convenience.

This cost estimate does not include the cost of removing or reinstalling pumps or associated piping. It is the understanding of OHM that the pumps have already been removed from both wells and have not be reinstalled at either locations. If the pump has not been removed from either of the two wells, OHM would be happy to provide a cost estimate for the removal of the pump and associated equipment. In addition, the estimate does not include costs of laboratory analyses or the cost of remobilization if the two wells must be sampled on

separate occasions. It is OHM's understanding that the samples will be analyzed, at no cost to the client, by DTSC's Hazardous Material Laboratory.

OHM estimates that this project could be completed in 14 days from scheduling through the submittal of samples to the analytical laboratory. Any wastewater generated by sampling activities will be collected in 55-gallon drums and stored on-site for further characterization and disposal. Disposal costs are not included in this estimate.

OHM is looking forward to working with the City of Los Altos on this project. If you have any questions regarding this proposal, please contact Rachel Hess at (510) 256-6100 ext 404.

Sincerely,

**OHM Remediation Services Corporation** 

Rachel B. Hess

Hydrogeologist

G. Dale Barnhill, P.E.

**Engineering Manager (Acting)** 

#### 1.0 INTRODUCTION

The purpose of this report is to present the procedures which OHM will follow in the collection of groundwater samples from two wells located in Los Altos, California.

#### 1.1 Site Location

The site is located in the City of Los Altos in Santa Clara County, California. The subject wells are located near the intersection of San Antonio Road and Hillview Avenue. The area is primarily residential and commercial. One well, owned by the City of Los Altos (No. 10), is approximately 425 feet deep. The other well, owned by California Water Service Company (No. 110-01), is approximately 700 feet deep. Static water level for both wells is approximately 125 feet below surface. Neither well is in current use.

# 1.2 Scope of Work

The scope of work includes gaining access to the two well sites, identifying and logging samples, collection groundwater samples at regular intervals from the top of the water table to a depth of 400 feet, and submitting the samples to the DTSC State Hazardous Material Laboratory (HML) for carbon tetrachloride analysis (EPA Method 601).

#### 2.0 PROCEDURES

#### 2.1 Site Access

OHM, in coordination with the City of Los Altos, will secure access to each of the two wells prior to the start of sampling operations.

# 2.2 Removal of Pump(s)

In order to collect undisturbed and discreet groundwater samples pumps should be removed from the wells prior to sampling. It is our understanding that well No. 10 did not have the pump reinstalled after the last round of sampling. If the pump in well No. 110-01 is still in place, a subcontractor with experience in well head installation and maintenance will be retained to remove the pump. Costs for the pump removal are not included as a part of this estimate.

# 2.3 Groundwater Sampling

OHM purposes to use Welenco Geophysical Services of Bakersfield to provide and operate the vacuum-operated point-source samplers. The sterilized sampler will be lowered in the well slowly to prevent unnecessary disturbance of the groundwater column. When the desired sampling depth is reached, an electric motor is energized to open a valve which allows the water sample to enter the collection chamber. The chamber is then closed and the sampler is retrieved.

Prior to sampling each interval of a well water column, the sampler will be disassembled and the interior will be thoroughly decontaminated in the following manner.

- 1) The sampler will be washed in a solution of water and Liquinox other non-phosphater detergent.
- 2) The sampler will then be rinsed with distilled water.
- 3) An acetone rinse will be applied.

4) A final rinse of distilled water will be applied.

1/2

Sampling will proceed in sequence from the top of the groundwater table to depth. Two duplicate samples will be retrieved at 25 foot intervals from the groundwater table to a depth of 400 feet in each well. Static water table at the two wells are approximately 125 feet from the surface. OHM anticipates the collection of 13 samples (including duplicates) from each well. In addition, two trip blanks, two field blanks and two equipment wash samples will be

collected during the sampling period. A total of approximately 36 samples will be collected.

Each sample will be collected in teflon capped 40 ml VOA vials under zero head space to prevent volatilization of target constituents. Each sample will be assigned a unique number, labelled, logged onto a chain-of-custody, placed in a plastic bag with seal, stored on ice or blue ice at 4 degrees Celsius, and delivered to the DTSC Hazardous Material Laboratory within 24 hours.

# 2.4 Field Quality Control

One trip blank will be collected for each separate sample delivery. The trip blanks will consist of reagent-grade water prepared by the analytical laboratory (HML) and placed in sample containers identical to those used for environmental samples. The trip blank serves as a check on the accuracy of the analytical methods. Each trip blank will be labelled, transported and analyzed by the same methodology as the environmental samples. OHM anticipates having two trip blanks or one for each well location.

One field blank will also be collected for each separate sample delivery. The field blank will consist of reagent-grade water prepared by OHM personnel in the field. The field blank will be handled, labelled and transported to the HML in the same manner as all other samples. The field blank serves as an additional check on analytical method accuracy. OHM anticipates preparing two field blanks or one for each well location.

One equipment wash sample will be collected for each separate sample delivery. The equipment wash sample will consist of water from the final rinse in the decontamination process. This sample will serve as a check on the decontamination quality control. If a constituent is detected in the primary sample but not in the equipment wash sample, then the source of the constituent is likely other than from the decontamination process. OHM anticipates the analyses of at least one equipment wash sample per well.

In addition to the trip and field blanks, a minimum of one duplicate sample for every ten sample locations will be analyzed by methods identical to that of the primary sample. These duplicate samples will serve as a check on the precision of laboratory analyses. OHM anticipates the analyses of at least one duplicate sample per well.

# 2.5 Laboratory Analyses

All samples will be analyzed by the State Hazardous Material Laboratory (HML) in Berkely, California. Prior to the commencement of field activities DTSC has requested that at least one week prior notice be given to the laboratory. Each sample will be analyzed by HML for carbon tetrachloride and other purgeable halocarbons using EPA Method 601. Since carbon

tetrachloride is the main constituent of concern, the method providing the lowest detection limit should used. It is OHM's understanding that DTSC has offered to analyze the samples at no cost to the client. Therefore analytical costs are not included in this estimate.

#### 3.0 HEALTH AND SAFETY

The objective of OHM's safety procedure is to preclude potential exposure to our personnel from hazardous situations found at project sites. Through careful planning, hazard recognition and control, safety indoctrination and training, and rigorous attention to safety procedures, we have ensured and will continue to ensure the health and safety of personnel at our work sites. OHM additionally recognizes that safety of the public adjacent to our sites is our responsibility and works to ensure that actions taken on site do not affect the surrounding community.

Types of hazards which may exist include physical hazards (equipment hazards, falls), chemical hazards (carbon tetrachloride), and environment hazards (heat stress, hypothermia). The OHM field crew will have completed 40-hour OSHA training. All employees will be required to wear hard hats, steel toed boots, and safety glasses while on site. Tyvek suits will be worn by the field crew for splash protection. Employees handling the sampler and other sampling equipment wich may come into contact with the groundwater will wear latex inner gloves and nitrile outer gloves during sampling. All equipment will be thoroughly decontaminated before leaving the site.

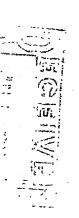
A site specific Health and Safety Plan will be prepared for this site prior to commencement of work.

#### 4.0 SCHEDULING

If removal of the California Water Service Company pump is required, scheduling for pump removal should be incorporated into the schedule.

OHM anticipates that the well sampling will require two to three days to complete depending upon site conditions. Groundwater samples will be received by HML no more than 24 hours after the completion of sampling.







# ASBESTOS DEMOLITION/RENOVATION SURVEY REPORT

127 1<sup>st</sup> Street Los Altos, CA

Benchmark PROJECT NO. E09-581-ASU
Site Visit Date: June 26, 2009
Type of Structure: Commercial Building
On-site Technician: Rob LoGrasso

#### PREPARED FOR

Fred Isaia PBI Permian Builders, Inc. 4125 Clipper Court Fremont, CA 94538

#### PREPARED BY

Benchmark Environmental Engineering 3732-A Charter Park Drive San Jose, CA 95136

Terri MacFarlane, CAC #00-2747 Environmental Field Service Manager



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Terri MacFarlane, CAC #00-2747 Environmental Field Service Manager

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#### Introduction

Benchmark Environmental Engineering was retained by Fred Isaia, of PBI Permian Builders, Inc., to conduct an asbestos demolition/renovation survey at 127 1st Street located in Los Altos, California.

Authorization to perform this survey was received via written agreement, by Benchmark, from Fred Isaia.

#### Background

127 Is Street is a commercial building located in Los Altos. Benchmark understood that the property is may be undergoing a change of ownership.

The residence was constructed prior to 1980, and as such, asbestos containing materials are presumed to be located on the property site. Prior to renovation/demolition activities, Benchmark was requested to conduct an asbestos survey.

Suspect asbestos containing materials observed on site included, wallboard/joint compound, acoustical ceiling material, thermal system insulation (TSI), cove base/mastic, and exterior stucco. Twenty (20) samples of suspect asbestos containing materials were collected on the property site and submitted for laboratory analysis.

#### Scope of Services

Asbestos sampling was performed by a trained technician working under the supervision of a Certified Asbestos Consultant (CAC). The survey was conducted in general accordance with procedures described by the Environmental Protection Agency in 125CFR 763 (AHERA) guidelines to determine the presence of exposed or accessible suspect asbestos-containing materials (ACM).

Bulk asbestos samples obtained from the facility were analyzed in the laboratory using Polarized Light Microscopy (PLM) with dispersion staining. The results of these analyses are presented in the Findings and Observations - Asbestos Laboratory Analytical Results Table.

#### FINDINGS AND OBSERVATIONS

#### Asbestos Containing Materials (ACM):

None of the samples submitted for analysis contained asbestos.

#### Presumed Asbestos Containing Materials (PACM):

• Roof was not sampled based on client's request. Roof should be considered presumed.

#### RECOMMENDATIONS

No removal needed at this time unless the work includes the presumed asbestos containing roofing material.

Environmental Engineering, Consulting, Testing and Training Corporate Office: 3732 Charter Park Drive, Ste. A San Jose, CA 95136 408-448-7594 \* 408-448-3849 (Fax) \* www.benchmarkenvironmental.com

# **APPENDIX A -- LABORATORY RESULTS**

Environmental Engineering, Consulting, Testing and Training Corporate Office: 3732 Charter Park Drive, Ste. A San Jose, CA 95136 408-448-7594 \* 408-448-3849 (Fax) \* www.benchmarkenvironmental.com



# Bulk Asbestos Analysis (EPA Method 600/R-93-116, Visual Area Estimation)

Benchmark Environmental Project Manager 3732-A Charter Park Drive  San Jose, CA 95136		Client ID:       3565         Report Number:       B125933         Date Received:       06/30/09         Date Analyzed:       07/01/09         Date Printed:       07/01/09         First Reported:       07/01/09
Job ID/Site: E09-581-ASU - 127 1st Street Los Altos  Date(s) Collected: 06/26/2009		FALI Job ID: 3565 Total Samples Submitted: 20 Total Samples Analyzed: 20
Sample ID Lab Number Type	Percent in Asbestos Layer Type	Percent in Asbestos Percent in Layer Type Layer
E09-581-6-26-1B 10881384  Layer: White Drywall  Layer: Off-White Joint Compound  Layer: Paint	ND ND ND	
Total Composite Values of Fibrous Components: Asbestos (N Cellulose (20 %) Fibrous Glass (10 %)	D)	
E09-581-6-26-2B 10881385  Layer: White Drywall  Layer: Yellow Woven Material  Layer: Off-White Joint Compound  Layer: Paint	ND ND ND ND	
Total Composite Values of Fibrous Components: Asbestos (N Cellulose (20 %) Fibrous Glass (10 %) Synthetic (3 %)	D)	
E09-581-6-26-3B  Layer: White Drywall  Layer: Off-White Joint Compound  Layer: Paint	ND ND ND	
Total Composite Values of Fibrous Components: Asbestos (N Cellulose (20 %) Fibrous Glass (10 %)	D)	
E09-581-6-26-4B  Layer: White Drywall  Layer: Off-White Joint Compound  Layer: Yellow Joint Compound  Layer: Paint	ND ND ND ND	
Total Composite Values of Fibrous Components: Asbestos (N Cellulose (20 %) Fibrous Glass (10 %)	(D)	
E09-581-6-26-5B 10881388  Layer: White Drywall  Layer: Off-White Joint Compound  Layer: Paint	ND ND ND	
Total Composite Values of Fibrous Components: Asbestos (N Cellulose (20 %) Fibrous Glass (10 %)	ID)	

Report Number:

B125933

Date Printed:

07/01/09

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
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Layer: White Drywall			ND				
Layer: Off-White Joint Compound			ND				
Layer: Paint	<del></del>	·	ND	······································		<del>.</del>	
Total Composite Values of Fibrous Comp Cellulose (20 %) Fibrous Glass (10 %		sbestos (ND)					
E09-581-6-26-7B	10881390						
Layer: White Drywall	•		ND	-			
Layer: Paint			ND				
Total Composite Values of Fibrous Comp	onents: A	sbestos (ND)		1 23 3			
Cellulose (20 %) Fibrous Glass (10 %		37 3					
					*		
	10881391		N/TN				
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Layer: White Non-Fibrous Material			ND ND				
			ND			•	
Total Composite Values of Fibrous Comp	onents: A	sbestos (ND)					
Cellulose (Trace) Synthetic (10 %)					•		
E09-581-6-26-9B	10881392						
Layer: Grey Non-Fibrous Material			ND				
Layer: Off-White Woven Material			ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Comp	onents:	Asbestos (ND)	* -				
Cellulose (Trace) Synthetic (10 %)							*
E09-581-6-26-10B	10881393					•	•
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Layer: Off-White Woven Material	-		ND				
Layer: White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Comp	nonento:	Asbestos (ND)	, . <del></del>				
Cellulose (Trace) Synthetic (10 %)	Juliellis. A	rancaina (III)	11	44.4		. :	
E09-581-6-26-11B	10881394						
Layer: White Drywall		-	ND				
Layer: Paint			ND		-	•	
Total Composite Values of Fibrous Comp		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 9	%)				:		
E09-581-6-26-12B	10881395						
Layer: White Drywall	2		ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Comp	ponents:	Asbestos (ND)	•				
Cellulose (20 %) Fibrous Glass (10 °		(1,2)		*			
	•	* *	*		• •		٠.
E09-581-6-26-13B	10881396		N/TS		. *		
Layer: Yellow Mastic			ND ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Comp	ponents:	Asbestos (ND)					
Cellulose (Trace)							
.* }	5						

Client Name: Benchmark Environmental

Report Number: E

B125933 07/01/09

Date Printed:

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
E09-581-6-26-14B Layer: Yellow Mastic	10881397		ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	onents:	Asbestos (ND)		·	<u>.                                    </u>		-
	10881398		ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	onents:	Asbestos (ND)		. • . •			-
E09-581-6-26-16B Layer: Grey Non-Fibrous Material	10881399		ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	onents:	Asbestos (ND)					
E09-581-6-26-17B  Layer: Grey Cementitious Material  Layer: Pink Cementitious Material  Layer: Paint	10881400		ND ND ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	onents:	Asbestos (ND)					
E09-581-6-26-18B  Layer: Grey Cementitious Material  Layer: Pink Cementitious Material  Layer: Paint	10881401		ND ND ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	ponents:	Asbestos (ND)					
E09-581-6-26-19B  Layer: Black Tile  Layer: Clear Mastic	10881402		ND ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	ponents:	Asbestos (ND)		,			
E09-581-6-26-20B  Layer: Black Tile  Layer: Clear Mastic	10881403		ND ND				
Total Composite Values of Fibrous Comp Cellulose (Trace)	ponents:	Asbestos (ND)					

Client Name: Benchmark Environmental

Vindlow

James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by Forensic Analytical to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by Forensic Analytical. The client is solely responsible for the use and interpretation of test results and reports requested from Forensic Analytical. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. Forensic Analytical is not able to assess the degree of hazard resulting from materials analyzed. Forensic Analytical reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

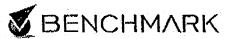


3732 Charter Park Drive, Ste. A San Jose CA 95136 408-448-7594 408-448-3849 (fax)

# BULK CHAIN OF CUSTODY

Please Include Sample
Locations On Laboratory Report

Project #: [509] Project Address:					•	
Client Name:	C	ompany:			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
Sample Number	Location	Homogenous Group or Measurement		Material or Component		Results To Be Reported As
18	Parking Garage wallty at exit	(1)		Wall		
28	Parking Garage Caling					
38	Brep. station to kitchen wall#3					
43	Endy wall 1st place walth!				-	
5B	upsking poont Rt Roommull#3					
6.8	upstrivs 1014 audille Room wallth		<u> </u>		<del>,</del>	
78	Int Rear upstairs Room wallt!	V		6		
88	Roof duac ayotem Ductures worth	12	>	HYAC		
98	Root HUAC system out wrop west	1		1		
Circle Project Type Asbestos (Surveys) Lead-Based Paint Risk Assessment ( Clearance Lead Mold/Fungus (Bas Sewage Screen (Bas Sewage Screen (Po	GFAA Water (lead) eline) Qualitative (MUG) E.Co aseline) Direct Microscopic Exar ost-Remediation) Other:	Chip Ghost F	Soil/Swab)		Circle Turnarou Same Day 24 Hous 48 Hour 72 Hour 5 Day Other:	und Time u/Rush

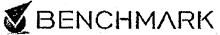


3732 Charter Park Drive, Ste. A San Jose CA 95136 408-448-7594 408-448-3849 (fax)

# BULK CHAIN OF CUSTODY

Please Include Sample Locations On Laboratory Report

Client Name:		Company;		
Sample Number	Location	Homogenous Group or Measurement	Material or Component	Results To B Reported As
100 - 188 - 188	Roof that rystem Duct way south	(2)	BHAC system Ouctural	
n	Kitchen Drop peiling ZXY	(3)	Drof Ceiling	
	Kitchen Drop ceiling 7x4'		d d	
	Kitchen Waynes not adhains	(4)	adhesive mastic	
148	Kitchen wagnes edt adhesive		4	
158	Businent/Garage Stairway tread	(35)	Rudo benterd	
lep				
	Stuciosyctom Brontwell#1	(6)	Street & ystom	
.1/	Structhystem Roar wallers	L	W	
Circle Project Type Asbestos Surve S Léad-Based Paint G Risk Assessment (I Clearance Lead Mold/Fungus (Base Sewage Screen (Ba Sewage Screen (Po Other:	ead)  EPA SW 846-7420 FLA  Dust Wipe, Soil, Pair  GFAA Water (lead)  Qualitative (MUG) E.C.  seline)  Direct Microscopic Exa	nt Chip <u>Ghost Wipes</u> oli/Coliforms (Soil/Swab)	Same Do 24 Hour 48 Hour 72 Hour	>



3732 Charter Park Drive, Ste. A San Jose CA 95136 408-448-7594 408-448-3849 (fax)

# **BULK CHAIN OF CUSTODY**

<u>Please Include Sample</u> <u>Locations On Laboratory Report</u>

	58/-45n Dai 127 19+ 51VC	•	ompany:		
Sample Number	Location		Homogenous Group or Measurement	Material or Component	Results To Be Reported As
148	Ray 15 Thor Bay	menty	<b>(4)</b>	PST Black	
208	Ray 1st play But	in entry	L	U	
					•
•					
Circle Project Type (Sbestos (Survey/S) Lead-Based Paint Risk Assessment (L Clearance Lead Mold/Fungus (Base Sewage Screen (Ba Sewage Screen (Potother:	cad) line) seline)	Circle Type of Analysis PLM/Bulk (EPA 600) EPA SW 846-7420 FLA Dust Wipe, Soil, Pain GFAA Water (lead) Qualitative (MUG) E.Co Direct Microscopic Exa Other:	t Chip <u>Ghost Wipes</u> oli/Coliforms (Soil/Swab)	Same Da 24 Hour 48 Hour 72 Hour	<del></del>

#### General References

Inspection, sampling, and assessment procedures were performed in general accordance with the guidelines published by the EPA in 125CFR Part 763 Subpart E, October 30, 1987. The survey consisted of three major activities: visual inspection, sampling, and analysis. Although these activities are listed separately, they are integrated tasks.

#### Visual Inspection

An initial building walkthrough was conducted to determine the presence of suspect materials that were accessible or exposed. Materials that were similar in general appearance were grouped into homogeneous sampling areas.

#### **Homogenous Material Classification**

A preliminary walkthrough of the building was conducted to determine areas of materials that were visually similar in color, texture, and general appearance and that appeared to have been installed at the same time. Such materials are termed "homogeneous materials" by the EPA. During this walkthrough, the approximate locations of these homogeneous materials were noted.

#### Sampling Procedures

Following the walkthrough, the inspector collected selected samples of exposed or accessible materials identified as suspect ACM. EPA guidelines were used to determine the sampling protocol. Sampling locations were chosen to be representative of the homogeneous material.

Samples of surfacing material for asbestos were collected in general accordance with the EPA random sampling protocol outlined in the EPA publication, "Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials" (EPA 560/5-85-030a, October 1985). Samples of miscellaneous materials were taken as randomly as possible, while attempting to sample already damaged areas so as to minimize disturbance of the material.

#### **Methods Of Analysis**

#### Asbestos

Analysis was performed by visually observing the bulk sample and preparing slides for microscopic examination and identification. The samples were mounted on slides and then analyzed for asbestos (Chrysotile, Amosite, Crocidolite, Anthophyllite, and Actinolite/Tremolite), fibrous non-asbestos constituents (mineral wool, paper, etc.) and non-fibrous constituents. Asbestos was identified by refractive indices, morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics were used to identify the non-asbestos constituents.

The microscopist used a stereoscope to visually estimate relative amounts of each constituent using a stereoscope to determine the volume of each constituent in proportion to the total volume of the sample.

All bulk samples were analyzed by Polarized Light Microscopy (PLM) with dispersion staining as described by the interim method of the determination of asbestos in bulk insulation, Federal Register, Volume 47, No. 103, May 27, 1982. This is a standard method of analysis in optical mineralogy and the currently accepted method for the determination of asbestos in bulk samples. A suspect material is immersed in a solution of known refractive index and subjected to illumination by polarized light. The characteristic color displays that result enable mineral identification. It should be noted that some ACM may not be accurately identified or quantified by PLM. As an example, the original fabrication of vinyl floor tiles routinely involved milling of asbestos

Environmental Engineering, Consulting, Testing and Training Corporate Office: 3732 Charter Park Drive, Ste. A San Jose, CA 95136 408-448-7594 \* 408-448-3849 (Fax) - www.benchmarkenvironmental.com fibers to extremely small sizes. As a result, these fibers may go undetected under the standard polarized light microscopy method. Transmission Electron Microscopy (TEM) is recommended for a more definitive analysis of these materials.

#### **Laboratory Quality Control Program**

Forensic Analytical located in Hayward, California, performed the analysis. Forensic maintains an in-house quality control program. This program involves blind reanalysis of ten percent of all samples, precision and accuracy controls, and use of standard bulk reference materials.

#### Warranty

Benchmark warrants that the findings contained herein have been prepared with the level of care and skill exercised by experienced and knowledgeable environmental consultants who are appropriately licensed or otherwise trained to perform asbestos assessments pursuant to the scope of work required on this Project.

The survey included inspection of suspected materials, such as wall material and flooring material. Benchmark did—not—inspect—or—sample—inaccessible areas—and—did—not—dismantle—any—part—of—the\_structure—to—survey inaccessible areas. For the purpose of this warranty, inaccessible is defined as areas of the building that could not be tested (sampled) without destruction of the structure or a portion of the structure. Inaccessible materials that are visible to Benchmark's inspectors shall be assumed asbestos containing.



Spanaway (WA) • San Francisco • Oakland • San Diego • San Jose

July 15, 2009

Mr. Fred Isaia PBI Permian Builders, Inc. 4125 Clipper Court Fremont, CA, 94538

Re:

Site Visit and Visual Inspection 127 1st Street, Los Altos

Benchmark Project #:E09-581-PES-A-MVI

#### Dear Fred Isaia:

Thank you for contacting Benchmark regarding the project located at 127 1st Street in Los Altos. A site visit was conducted June 26 per your request. The purpose of the site visit was to conduct a visual inspection and evaluation for mold and/or elevated moisture.

Assessments on this date were based on visual site conditions that existed on the date of Benchmark's site visit. No determinations, evaluations, or conclusions, regarding indoor air quality and/or overall microbial bio-burden were made, expressed or implied, by Benchmark.

The property located at 127 1st Street in Los Altos is a 7,000 square foot commercial structure that consists of a basement (sub-grade), ground floor (1<sup>st</sup> floor) and upper level (2<sup>nd</sup> floor). The building is currently occupied by a furniture extablishment. Benchmark understood that the property is undergoing a change of ownership due to a real estate transaction.

#### Findings

#### Basement Level - Small Storage Area (towards front of Building)

- Efflorescence was observed on the top portion of cinder block walls (#1-4)
- Visible water staining/discoloration was observed along the top portion of the walls around the perimeter of the small storage area
- Visible sealant material at selected portions at the top of wall #2 and #3
- Slightly "musty" smell within small storage area

#### Basement Level - Dry Storage Area and Freezer Area

- · Visible water staining on boxes within storage area indicating previous water intrusion incidents
- Active water leak was observed below sink at wall #4
- Elevated moisture levels (>20%) detected at wall #4 below sink.
- Visible discoloration, presumed to be mold growth, observed on the ceiling area (area adjacent to entrance at the ceiling light fixture)
- No elevated moisture levels identified on the ceiling area

#### Basement Level - Stairwell

Elevated moisture levels (>20%) identified at rear of bottom step

Visible water damage/water staining observed in the stair/foyer area

#### Basement Level - Main Basement Area

Accumulation of organic material at storm drain at foot of ramp. The accumulation of material may
impact the efficiency of the storm drain to assist in diverting excess water from structure and basement
area

#### First Level - Bathroom Area

- No visible staining/discoloration was observed
- No visible evidence of water intrusion or water leaks observed
- No elevated moisture levels detected

#### First Level -Kitchen Area

- · No elevated moisture levels were detected
- · No visible staining/discoloration observed
- · No visible evidence of water intrusion or water leaks observed

#### First Level -Bar Area

- No elevated moisture levels were detected
- No visible staining/discoloration observed
- · No visible evidence of water intrusion or water leaks observed

#### Second Level - Wine Storage Area

- Visible staining on ceiling area around both ceiling vents
- Elevated moisture levels (>20%) was identified on the ceiling adjacent to vent near the entry door
- Visible staining/discoloration was observed on carpet area (approximately 2 square feet) and base cabinet directly below the ceiling where elevated levels of moisture was identified

#### Second Level - Men's Bathroom Area

- Elevated moisture levels (>20%) was identified on floor area adjacent to toilet base. The tiles were
  intact and had not delaminated from the surface
- Visible staining/discoloration observed on floor area adjacent to toilet base
- Toilet supply (angle stop) was shut off at the time of the inspection. Due to the water staining and rust
  observed at the time of the inspection there appears to have been a previous water leak

#### Second Level - Women's Bathroom Area

- No elevated moisture levels were detected
- No visible staining/discoloration observed
- · No visible evidence of water intrusion or water leaks observed

#### Roof Area

- A number of sump pumps were located in the recessed areas of the roof in order to remove standing
  water
- Visible discoloration observed on the roof field due to accumulation of water/debris

#### Causation

#### Basement Level - Small Storage Area (towards front of Building)

The probable causation of the efflorescence, water staining and visible discoloration appears to be associated with insufficient drainage of the landscaping system and overall storm water diversion. Obtain the services of a contractor to evaluate the drainage and provide recommendations in order to divert water from the structure.

#### Basement Level - Dry Storage Area and Freezer Area

The probable causation of the visible discoloration within the dry storage area appears to be associated with a previous water leak from the restaurant bar area above. Obtain the services of a plumber or leak detection specialist to evaluate the supply and waste lines and correct deficiencies if identified in order to prevent future water intrusion.

The active water leak observed should be corrected as soon as possible in order to prevent further damage.

#### Second Level - Wine Storage Area

The elevated moisture, water stains and water damage within the wine storage area appears to be associated with deficiencies of the roofing system. Obtain the services of a roofing contractor to evaluate the overall condition of the roof and its associated components. Deficiencies should be corrected in order to prevent further water intrusion and resultant water damage to interior finishing materials.

#### Second Level - Men's Bathroom Area

The probable causation of the water intrusion impacting the toilet area appears to be associated with a deficiency of the supply line and toilet base wax seal. Obtain the services of a plumber to evaluate the water supply lines and correct deficiencies if identified. Re-seat the toilet in order t o prevent future seepage/water intrusion

#### Roof Area

Obtain the services of a roofing contractor to evaluate the overall condition of the roof and its associated components. Deficiencies should be corrected in order to prevent further water intrusion and resultant water damage to interior finishing materials.

#### Recommendations

Removal of affected building materials and professional remediation is being recommended at this time. All quantities are field estimates only and should be quantified by the contractor prior to removal

A contractor familiar with the use of negative pressure enclosures should only conduct the remediation. At a minimum, limited worker PPE shall be required when entering the designated work area (see EPA 402-K-01-001)<sup>1</sup>.

The contractor should be familiar with working under the guidelines for the latest edition of IICRC S520<sup>2</sup> and should comply with a full medical monitoring program<sup>3</sup>.

<sup>&</sup>lt;sup>1</sup> United States Environmental Protection Agency, Office of Air and Radiation. *Mold Remediation in Schools and Commercial Buildings*. Publication EPA 402K-01-001 (2001)

<sup>&</sup>lt;sup>2</sup> Institute of Inspection, Cleaning and Restoration Certification. Standard IICRC S520, Standard Reference Guide for Professional Mold Remediation

<sup>3</sup> CCR Title 8 § 1531 - Respiratory Protection.

#### Basement Level - Dry Storage Area and Freezer Area

- Disengage the sink at wall # 4 to access the wall system
- Remove wallboard on wall #4 from the floor towards the ceiling 4-feet and 2-feet to either side of the
  water sink due to elevated moisture levels, and damage/discoloration. This is approximately 8-square
  feet of material
- Disengage the light-fixture to access water stained/discolored ceiling area
- Remove the ceiling sheetrock material 8-feet from wall #1 towards the freezer area, and from the
  doorframe towards wall #2 due to damage/discoloration, and/or mold growth. This is approximately
  64 square feet of material

#### Basement Level - Stairwell

• Remove the sheetrock material from the rear of the first step (area underneath the stairwell leading to the 1<sup>st</sup> level) due to elevated moisture levels, and damage/discoloration. This is approximately 4 square feet of material.

#### Second Level - Wine Storage Area

- Remove the ceiling sheetrock material 2-feet out from both ceiling exhaust/vents in every direction due to elevated moisture levels, and damage/discoloration. This is approximately 4 square feet of material
- The carpeting should undergo a thorough cleaning in order to remove the water stain

#### Second Level - Men's Bathroom Area

Removal of the floor tile is NOT being recommended at this time. Attempt to dry down

#### General

- Remove and discard wall/ceiling insulation, if present.
- If additional discoloration or suspected mold growth is identified following the recommended removal
  of the finishing materials, contact Benchmark immediately for evaluation and changes to the scope of
  work as needed.

#### Specialized Cleaning - Removal Areas

All surfaces, including but not limited to, TJI beams, joists, foundation walls, columns, etc., should undergo a thorough vacuuming using a HEPA-filter equipped vacuum.

Following the vacuuming, the surfaces should be thoroughly cleaned using a soft bristle brush treated with a microbiocide. Following this, the area should be treated with a microbiocide applied with a garden sprayer. The microbiocide should be designed to neutralize and inhibit growth of microbial bacteria. The microbiocide should be approved by the EPA under Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The microbiocide shall not be used in any manner inconsistent with the manufacturer's recommendations for application.

Following the microbiocide treatment, the areas should be HEPA vacuumed again in order to remove any additional dust or debris. A second treatment with a microbiocide should be applied with a garden sprayer.

Humidity levels of the affected surfaces should not exceed 15% after the specialized cleaning is performed. Appropriate type dehumidifiers should be utilized to dry down the structure as needed.

Once the affected wood framing has been thoroughly cleaned and dried, Benchmark recommends treating all affected wood surfaces with Foster Fungicidal Protective Coating or similar type clear encapsulant.

#### Post Remediation Inspection & Testing

Upon completion of remediation activities, a visual environmental inspection of the affected areas o should be conducted in order to determine the efficacy of cleaning processes.

Benchmark recommends that total spore count air sampling be conducted upon completion of construction and prior to occupancy or usage in order to determine indoor air quality and confirm that resultant airborne mold amplification is not present.

Benchmark is pleased to provide our services to you for this project. Please contact our office at 408-448-7594 if you have any questions or concerns.

Sincerely,

**Benchmark Environmental Engineering** 

Terri MacFarlane

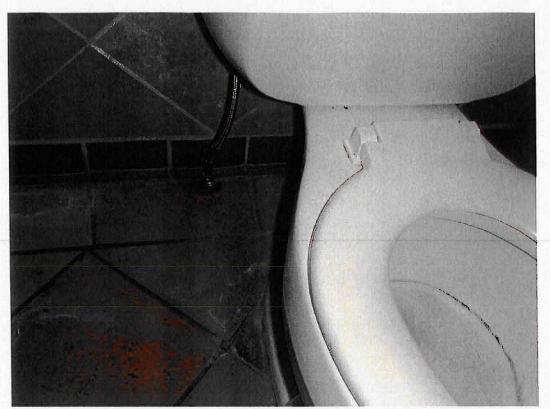
Environmental Field Services Manager



Roof Area with visible evidence of water stagnation



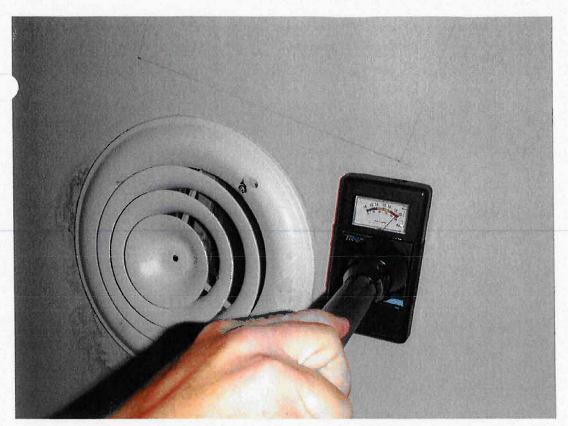
One of the Sump Pumps installed on the Roof



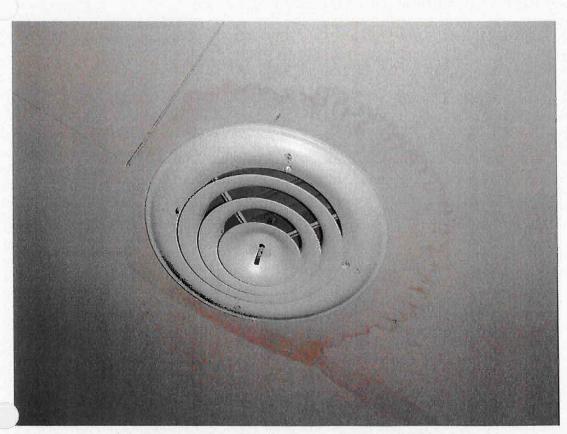
Notice Water Staining on floor area



2nd Level - Men's Bathroom Area



Elevated Moisture levels detected



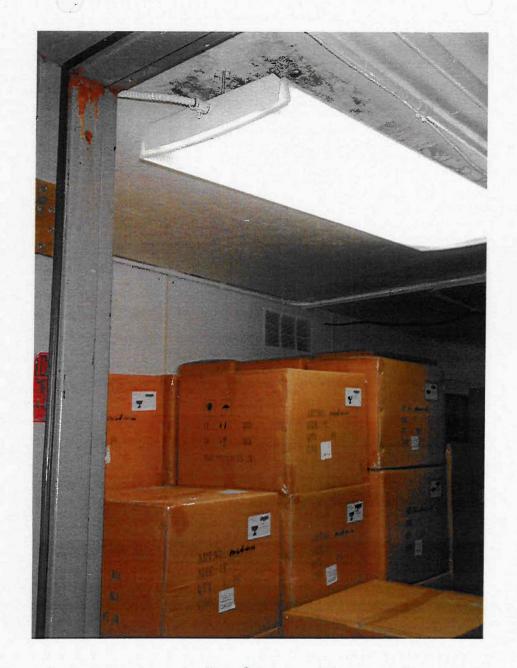
Notice Water Staining around Ceiling Vent 2nd Level - Wine Storage Area



Visible evidence of water intrusion at top portion of walls



E09-581



Basement Level - Dry Storage Area and Freezer Area



Staining/discoloration on ceiling area

Elevated Moisture was detected on ceiling are



**SINCE 1965** 

**JO CROSBY & ASSOCIATES** 

GEOTECHNICAL CONSULTANTS

756 CALIFORNIA STREET • P. O. BOX 4220 • MOUNTAIN VIEW, CALIFORNIA 94040

TELEPHONE (850) 969-3268 • FACSIMILE (650) 969-3345

BRANCH OFFICE: MONTEREY, CALIFORNIA • TELEPHONE (408) 757-8109 • FACSIMILE (650) 969-3345

Project 4437-3 February 13, 2007 JOB COPY
KEEP ON JOB AT ALL TIMES

Mr. Mike Herbert 1152 Topaz Avenue San Jose, California 95117

Subject:

Response to the Memo, dated 1/23/2007, from the Los Altos Building Inspection Division on the Geotechnical Investigation for the Proposed Building at 129 First Street, Los Altos, California

Dear Mr. Herbert:

We have received the memo from the City of Los Altos requesting a letter from our office noting compliance with the recommendations of our geotechnical report for this property. Our report was dated December 1, 2005.

Our 2005 report noted that the existing drainage on the subject property as from front to rear where the run-off water entered the storm water system. The planned building was to span the width of the lot and interrupt the flow of run-off water from the front of the lot to the catchbasins at the rear. We recommended that the downspout water and surface run-off water be placed in a closed pipe system that would carry the water beneath the building. We have reviewed the planned drainage system for the proposed building and noted that the collected water will now be directed to have surface flow to the gutter on 1st Street. The water collected at the rear of the building will flow to the catchbasins at the rear of the property. Downspouts from the roof will discharge onto splash blocks and the water will then flow over the paved surface to the storm water system.

The planned drainage system will be in compliance with the recommendations of our geotechnical report in that the water will not pond near the building nor enter the soil at the foundation level. The recommended pipe drainage system was only to convey water beneath the building, and is not necessary with the planned system.

Exclusion of Warranties: Our services consist of professional opinion only, derived in accordance with current standards of professional practice. There is no other warranty express or implied.

Very truly yours,
JO CROSBY & ASS

Jo K. Crosby C.E.G. 357

G.E. 250

No. GE250

ROFESSION

Exp. 3-31-07

EG

OF CALIFORN



SINCE 1965

### **JO CROSBY & ASSOCIATES**

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BRANCH OFFICE: MONTEREY, CALIFORNIA • TELEPHONE (650) 757-8109 • FACSIMILE (650) 969-3345

Project 4437-3 December 1, 2005

Mr. Mike Herbert 1152 Topaz Avenue San Jose, California 95117

Subject: Report on a Geotechnical Investigation for the Proposed Building at 129 First Street, Los Altos, California

Dear Mr. Herbert:

We have completed our geotechnical investigation of the proposed building site at the above captioned property in Los Altos, California. The purpose of this investigation has been to provide geotechnical design criteria for the foundation of the planned wood-framed commercial building. Our work has been completed in accordance with the conditions of our proposal, dated November 14, 2005.

The attached report contains our findings and recommendations. It is our opinion that the planned building can be developed as proposed, provided the recommendations in this report have been carefully addressed.

The work recommended in our report will require review of the final building plans and our observation during the foundation work. A second proposal for this review and observation will be issued prior to the beginning of such work. The cost for such work will be noted in the proposal.

We wish to thank you for using our firm for this project, and hope that we may be of further service to you. We will be pleased to answer any questions that you might have regarding this investigation and report.

Very truly yours,
JO CROSBY & ASSOCIANESCRO

EGI

Jo K. Crosby C.E.G. 357 G.E. 250 No. GE250 Exp. 3-31-07

PROFESSION

FEB 1 4 2007

CITY OF LOS ALTOS

Project 4437-3 December 1, 2005

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# SITE CONDITIONS

### **GENERAL**

The site of the development is located in a commercial area of the City of Los Altos, California. The rectangular parcel is approximately 7,250 square feet in area. The property is bounded to the North and South by private commercial property and to the West by First Street. An alley borders the property on the East. The site is situated on relatively flat topography that has a gentle regional slope towards San Francisco Bay.

The property has been most recently used as a parking area for a restaurant that was located in the building immediately North of this lot. The lot is presently paved with asphalt with the exception of a narrow planting strip on both North and South sides, and a wider planter area at the West entry to the parking area. The planned building will occupy the West central portion of the lot (see the Site Plan) while the remaining lot will continue to be used for parking.

### **GEOLOGY**

Published mapping for this area indicates the investigated site as underlain by Pleistocene aged alluvial fan and fluvial deposits (see the "Local Geology" figure attached to this report). Locally, these deposits consist of dense silty gravels and gravelly silts.

Alluvial fan deposits are stream-laid sediments that have been transported from the adjoining highlands along a main creek or river system and deposited onto the floor of local valleys. During flooding events when stream capacity is reached, sediments are carried laterally from the main channel in the form of a fan-shaped configuration. Typically, coarser grained sediments are deposited first near the main channel followed by progres-

sive deposition of finer grained material to the distal portions of the fan. Because of the nature of alluvial fan deposition, it is common to find composition changes in soil deposits across a given site.

### SEISMICITY

The site planned for the development is located in the seismically active San Francisco Bay Area. The three major right lateral, northwest trending fault systems, mapped in this region, are the San Andreas Fault that lies from the site approximately 5 miles to the Southwest, and the Hayward and Calaveras Faults that lie roughly 13 miles and 18 miles to the Northeast, respectively. Large earthquakes have been associated with movement along the three fault systems.

Our research of the available geologic literature indicates that no known faults cross the property. However, potentially active thrust faults have been mapped in the vicinity that are believed to be related at depth to the neighboring San Andreas Fault system. Maximum credible earthquake magnitudes have been forecast for major active and potentially active fault systems in the Bay Area region. Their values are as follows:

FAULT SYSTEMS	Max. Credible Earthquake Event
Hayward	7.0
Calaveras	7.0
San Andreas	8.3
San Gregorio	7.8
Sargent	7.0

These maximum magnitudes are based on projections of fault specific seismic response curves generated from accrued historical earthquake events.

# SOIL CONDITIONS

The two test borings drilled during the time of our field investigation indicate that the site is underlain by relatively stiff, gravelly silt and silty gravel deposits. The near-surface sediments have been disturbed in areas, presumably during development of the nearby structures. Topsoil on the site was noted as thin and confined to the landscaped areas on the lot.

### GROUNDWATER

Groundwater was not encountered to the depths drilled during the time of our exploratory drilling. In general, groundwater levels are affected by seasonal changes in rainfall and may vary from year to year.

### **CONCLUSIONS AND RECOMMENDATIONS**

#### GENERAL

It is our opinion, based on our review, site reconnaissance, drilling, sampling and laboratory testing that the planned building can be developed as proposed provided the recommendations in this report are carefully followed. The planned foundations must bear on soils that are capable of supporting the anticipated static and dynamic loads. Drainage measures provided in this section of the report will help minimize the potential for saturation of the foundation supporting materials. We recommend that the final plans and details for the proposed structures be reviewed by our office prior to construction.

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We recommend all footings be founded a minimum depth of 24-inches into compacted fill and/or dense native soil. The recommended depth would also provide adequate confinement for footing support. All footings should have a minimum width of 12-inches.

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the rock base with polyethylene sheeting and placing a 2 inch lift of sand over the sheeting. The sand should be moistened prior to placing the concrete to aid in curing. Closely spaced construction joints, within the floor slabs, are recommended to control cracking of the slab.

A representative from our office should be on-site to observe all excavations for the building foundations in order to note conformance with our recommendations, and to make additional recommendations concerning depths in the field as warranted by changing field conditions.

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Review, Observation and Testing: The recommendations presented in this report are



# **ATTACHMENTS**

References

Appendix: Field Exploration and Laboratory Testing

Index Map

Local Geology

Site Plan

Soil Classification Chart

Logs of Boring

Summary of Laboratory Test Results

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### FIELD EXPLORATION AND LABORATORY TESTING

### FIELD EXPLORATION

Two test borings were drilled at the location shown on the Site Plan figure. Due to the restricted area allowed for test borings (the planter areas at the sides of the lot), the borings were advanced with hand augers, and logged by an engineering geologist. At selected intervals, or major strata change, representative soil samples were recovered in a 2.0 inch, Shelby Tube sampler. The sampler was driven by a 70-pound hammer, free-falling through a vertical distance of 30-inches.

The method of classifying the subsurface material is indicated on the Soil Classification Chart (ASTM Designation D2487). The materials encountered in the bore holes are indicated on the Logs of Boring. Sample types, blowcounts and sample depths are indicated on these logs. The boring logs denote the subsurface conditions at the location and time indicated, and it is not warranted that it is representative of subsurface conditions at other locations or times.

### LABORATORY TESTING

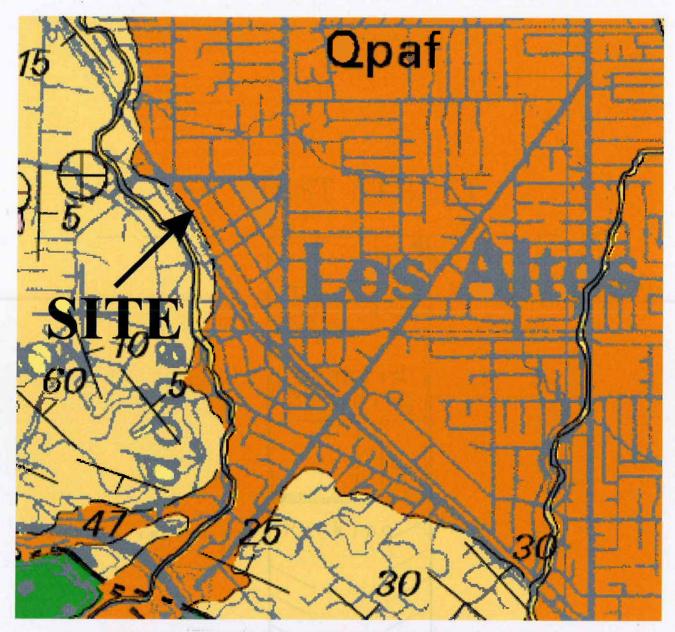
Select samples were tested for moisture content and dry density, and the results are indicated on the boring logs. The native alluvial soil was tested for determination of shear strength by multi-phase triaxial testing. The results of the above tests are presented in the Summary of Laboratory Test Results.



Job No.
4437

INDEX MAP 129 FIRST STREET Jo Crosby & Associates
Civil Engineers & Geologists
756 California Street Bountain Wiew, CA 94641

Scale: N/A
Drawn by: JC



Opal

Alluvial fan and fluvial deposits (Pleistocene) -- Brown, dense,

gravelly and clayey sand or clayey gravel that fines upward to sandy clay. These deposits display variable sorting and are located along most stream channels in the county. All unit Opaf deposits can be related to modern stream courses. They are distinguished from younger alluvial fans and fluvial deposits by higher topographic position, greater degree of dissection, and stronger soil profile development. They are less permeable than Holocene deposits, and locally contain fresh-water mollusks and extinct late Pleistocene vertebrate fossils. They are overlain by Holocene deposits on lower parts of the alluvial plain, and incised by channels that are partly filled with Holocene alluvium on higher parts of the alluvial plain. Maximum thickness is unknown but at least 50 m

Job No.
4437

LOCAL GEOLOGY 129 FIRST STREET

Jo Crosby & Associates
Civil Engineers & Geologists
758 California Street Mountain Flew, Ca 94041

Scale: N/A
Drawn by: JC

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М	AJOR DIVI	SIONS		ROUP ABOLS	TYPICAL NAMES
		CLEAN	GW	0:0	Well-graded gravels and gravel-sand mixtures, little or no fines
LS	GRAVELS 50% or more of coorse fraction relained on No. 4 sieve	CLE	GP	•	Poarly graded gravels and gravel-sand mixtures, little or no fines
D SOILS	GR 50% coors	GRAVELS WITH FINES	GM		Silty gravels, gravel-sand-silt mixtures.
GRAINED SOILS		GRA WI FIN	GC		Clayey gravels, gravel-sand-clay mixtures.
COARSE-GRAINED		CLEAN	sw		Well-graded sands and gravelly sands, little or no fines.
OC See at	SANDS More then 50% of Goorse fraction posses No. 4 sieve	CL	SP		Poorly graded sands and gravelly sands, little or no fines.
1	More	SQ HES	SM		Silty sands, sand-silt mixtures.
		SANDS WITH FINES	sc		Clayey sands, sand-clay mixtures.
	SILTS AND	CI AYS	ML		Inarganic silts, very fine sands, rack flour, silty ar clayey fine sands.
SOILS	Liquid Ii	mit	CL		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
	30 % 61 1		OL		Organic silts and organic silty clays of low plasticity.
FINE-GRAINED	SILTS AND	CLAYS	мн		Inorganic sitts,micaceous or diatomaceous fine sands or sitts, elastic sitts
30		Liquid limit CH			Inorganic clays of high plasticity, fat clays,
	greater than 50%				Organic clays of medium to high plasticity.
HIGHL	Y ORGANIC	SOILS	РТ		Peat, muck and other highly organic soils.

SOIL CLASSIFICATION CHART ASTM DESIGNATION D2487

129 First Street, Los Altos							Hand augered borings with Shelby tube					BOREHOLE NO: 4437-2					
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Mike Herbert							sampling			PROJECT NO: 4437															
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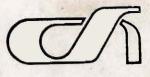
# SUMMARY OF LABORATORY TEST RESULTS

FILE NO. 4437

DATE 12-9-05

ATTERBERG LIMITS | STRENGTH GRAIN SIZE ANALYSIS MOIST. DRY SAMPLE REMARKS PARAMETERS USCS CONTENT DENSITY NO. LIQUID PLASTIC P.I. GRAVEL. SAND COH. SILT CLAY P.C.F. % % T/S.F. DEGREES 1-1 ML 9 104.0 1-2 GM 117.3  $\perp$ 2-1 ML 0.28 34 108.5 2-2 GM 114.9 10

\* UNIFIED SOIL CLASSIFICATION CHART JO CROSBY & ASSOCIATES



**JO CROSBY & ASSOCIATES** 

GEOTECHNICAL CONSULTANTS

756 CALIFORNIA STREET • P. O. BOX 4220 • MOUNTAIN VIEW, CALIFORNIA 94040 TELEPHONE (950) 969-3268 • FACSIMILE (650) 969-3345

SINCE 1965

BRANCH OFFICE: MONTEREY, CALIFORNIA TELEPHONE (408) 757-8109 FACSIMILE (650) 969-3345

JOB COPY
KEEP ON JOB AT ALL TIMES

Project 4437-3 February 13, 2007

Mr. Mike Herbert 1152 Topaz Avenue San Jose, California 95117

Subject:

Response to the Memo, dated 1/23/2007, from the Los Altos Building Inspection Division on the Geotechnical Investigation for the Proposed Building at 129 First Street, Los Altos, California

Dear Mr. Herbert:

We have received the memo from the City of Los Altos requesting a letter from our office noting compliance with the recommendations of our geotechnical report for this property. Our report was dated December 1, 2005.

Our 2005 report noted that the existing drainage on the subject property as from front to rear where the run-off water entered the storm water system. The planned building was to span the width of the lot and interrupt the flow of run-off water from the front of the lot to the catchbasins at the rear. We recommended that the downspout water and surface run-off water be placed in a closed pipe system that would carry the water beneath the building. We have reviewed the planned drainage system for the proposed building and noted that the collected water will now be directed to have surface flow to the gutter on 1st Street. The water collected at the rear of the building will flow to the catchbasins at the rear of the property. Downspouts from the roof will discharge onto splash blocks and the water will then flow over the paved surface to the storm water system.

The planned drainage system will be in compliance with the recommendations of our geotechnical report in that the water will not pond near the building nor enter the soil at the foundation level. The recommended pipe drainage system was only to convey water beneath the building, and is not necessary with the planned system.

Exclusion of Warranties: Our services consist of professional opinion only, derived in accordance with current standards of professional practice. There is no other warranty express or implied.

Very truly yours,
JO CROSBY & ASS

Jo K. Crosby C.E.G. 357

G.E. 250

No. GE250 Exp. 3-31-07

EG

ROFESSION

OF CALIFORNIE



SINCE 1965

### **JO CROSBY & ASSOCIATES**

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BRANCH OFFICE: MONTEREY, CALIFORNIA • TELEPHONE (650) 757-8109 • FACSIMILE (650) 969-3345

Project 4437-3 December 1, 2005

Mr. Mike Herbert 1152 Topaz Avenue San Jose, California 95117

Subject: Report on a Geotechnical Investigation for the Proposed Building at 129 First Street, Los Altos, California

Dear Mr. Herbert:

We have completed our geotechnical investigation of the proposed building site at the above captioned property in Los Altos, California. The purpose of this investigation has been to provide geotechnical design criteria for the foundation of the planned wood-framed commercial building. Our work has been completed in accordance with the conditions of our proposal, dated November 14, 2005.

The attached report contains our findings and recommendations. It is our opinion that the planned building can be developed as proposed, provided the recommendations in this report have been carefully addressed.

The work recommended in our report will require review of the final building plans and our observation during the foundation work. A second proposal for this review and observation will be issued prior to the beginning of such work. The cost for such work will be noted in the proposal.

We wish to thank you for using our firm for this project, and hope that we may be of further service to you. We will be pleased to answer any questions that you might have regarding this investigation and report.

Very truly yours,
JO CROSBY & ASSOCIANESCRO

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Jo K. Crosby C.E.G. 357 G.E. 250 No. GE250 Exp. 3-31-07

PROFESSION

FEB 1 4 2007

CITY OF LOS ALTOS

Project 4437-3 December 1, 2005

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# SITE CONDITIONS

### **GENERAL**

The site of the development is located in a commercial area of the City of Los Altos, California. The rectangular parcel is approximately 7,250 square feet in area. The property is bounded to the North and South by private commercial property and to the West by First Street. An alley borders the property on the East. The site is situated on relatively flat topography that has a gentle regional slope towards San Francisco Bay.

The property has been most recently used as a parking area for a restaurant that was located in the building immediately North of this lot. The lot is presently paved with asphalt with the exception of a narrow planting strip on both North and South sides, and a wider planter area at the West entry to the parking area. The planned building will occupy the West central portion of the lot (see the Site Plan) while the remaining lot will continue to be used for parking.

### **GEOLOGY**

Published mapping for this area indicates the investigated site as underlain by Pleistocene aged alluvial fan and fluvial deposits (see the "Local Geology" figure attached to this report). Locally, these deposits consist of dense silty gravels and gravelly silts.

Alluvial fan deposits are stream-laid sediments that have been transported from the adjoining highlands along a main creek or river system and deposited onto the floor of local valleys. During flooding events when stream capacity is reached, sediments are carried laterally from the main channel in the form of a fan-shaped configuration. Typically, coarser grained sediments are deposited first near the main channel followed by progres-

sive deposition of finer grained material to the distal portions of the fan. Because of the nature of alluvial fan deposition, it is common to find composition changes in soil deposits across a given site.

### SEISMICITY

The site planned for the development is located in the seismically active San Francisco Bay Area. The three major right lateral, northwest trending fault systems, mapped in this region, are the San Andreas Fault that lies from the site approximately 5 miles to the Southwest, and the Hayward and Calaveras Faults that lie roughly 13 miles and 18 miles to the Northeast, respectively. Large earthquakes have been associated with movement along the three fault systems.

Our research of the available geologic literature indicates that no known faults cross the property. However, potentially active thrust faults have been mapped in the vicinity that are believed to be related at depth to the neighboring San Andreas Fault system. Maximum credible earthquake magnitudes have been forecast for major active and potentially active fault systems in the Bay Area region. Their values are as follows:

FAULT SYSTEMS	Max. Credible Earthquake Event
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These maximum magnitudes are based on projections of fault specific seismic response curves generated from accrued historical earthquake events.

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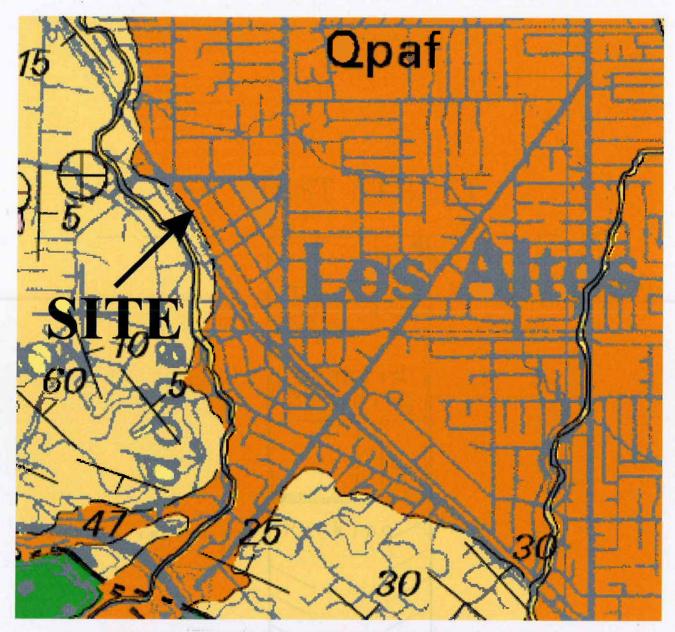
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756 California Street Bountain Wiew, CA 94641

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LOCAL GEOLOGY 129 FIRST STREET

Jo Crosby & Associates
Civil Engineers & Geologists
758 California Street Mountain Flew, Ca 94041

Scale: N/A
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OC See at	SANDS More then 50% of Goorse fraction posses No. 4 sieve	CL	SP		Poorly graded sands and gravelly sands, little or no fines.
1	More	SQ HES	SM		Silty sands, sand-silt mixtures.
		SANDS WITH FINES	sc		Clayey sands, sand-clay mixtures.
	SILTS AND	CI AYS	ML		Inarganic silts, very fine sands, rack flour, silty ar clayey fine sands.
SOILS	Liquid Ii	mit	CL		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
	30 % 61 1		OL		Organic silts and organic silty clays of low plasticity.
FINE-GRAINED	SILTS AND	CLAYS	мн		Inorganic sitts,micaceous or diatomaceous fine sands or sitts, elastic sitts
30		Liquid limit CH			Inorganic clays of high plasticity, fat clays,
	greater than 50%				Organic clays of medium to high plasticity.
HIGHL	Y ORGANIC	SOILS	РТ		Peat, muck and other highly organic soils.

SOIL CLASSIFICATION CHART ASTM DESIGNATION D2487

129 First Street, Los Altos							Hand augered borings with Shelby tube					BOREHOLE NO: 4437-2					
Mike Herbert							l					PROJECT NO: 4437 ELEVATION: 185 ft					
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<u> </u>	Mountain View, California Fig. No: 1 Page 1 of 1												

# SUMMARY OF LABORATORY TEST RESULTS

FILE NO. 4437

DATE 12-9-05

ATTERBERG LIMITS | STRENGTH GRAIN SIZE ANALYSIS MOIST. DRY SAMPLE REMARKS PARAMETERS USCS CONTENT DENSITY NO. LIQUID PLASTIC P.I. GRAVEL. SAND COH. SILT CLAY P.C.F. % % T/S.F. DEGREES 1-1 ML 9 104.0 1-2 GM 117.3  $\perp$ 2-1 ML 0.28 34 108.5 2-2 GM 114.9 10

\* UNIFIED SOIL CLASSIFICATION CHART JO CROSBY & ASSOCIATES

JULY 2, 2008

THIS REPORT IS INTENDED FOR LEHMAN'S
INTERNAL USE ONLY. LEHMAN MAKES NO
ASSURANCES OR REPRESENTATION AS TO
ITS COMPLETENESS OR ACCURACY.
THE REPORT IS NOT TO BE
RELIED UPON BY ANY OTHER PARTY.

# PHASE I ENVIRONMENTAL SITE ASSESSMENT

129 1<sup>ST</sup> STREET LOS ALTOS, CALIFORNIA 94022

AEI PROJECT NO. 279395 LEHMAN LOAN NAME: STYLER'S FLOOR COVERING

PREPARED FOR

# LEHMAN BROTHERS

**LEHMAN BROTHERS BANK, FSB** 

25510 COMMERCENTRE DRIVE, SUITE 100 LAKE FOREST, CALIFORNIA 92630

PREPARED BY



2500 CAMINO DIABLO WALNUT CREEK, CALIFORNIA 94597 (925) 944-2899

# **EXECUTIVE SUMMARY**

AEI Consultants (AEI) was retained by Lehman Brothers Bank, FSB to conduct a Phase I Environmental Site Assessment (ESA), in conformance with the scope and limitations of ASTM Standard Practice E1527-05 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 129 1st Street in the City of Los Altos, Santa Clara County, California. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report.

#### **PROPERTY DESCRIPTION**

The subject property is located on the northeast side of 1<sup>st</sup> Street in a mixed commercial and residential area of Los Altos. The property totals approximately 7,100 square feet and is currently under construction for the development of a one-story building with mezzanine totaling approximately 2,660 square feet. The future occupant of the building is planned to be Styler's Floor Covering, Incorporated. Future on-site operations will include daily office and retail activities for the sale of floor coverings. According to the owner of the subject property, the building is to be used as a showroom only and no hazardous materials will be used or stored on-site. In addition to the subject property building, the property is improved with asphalt-paved parking areas and associated landscaping.

The property developments that are currently taking place began in 2007. Based on a review of historical sources, the subject property was utilized as a parking lot from at least 1968 to at least 2007. A review of aerial photographs revealed the subject property appeared to be undeveloped from at least 1939 to at least 1968.

The immediately surrounding properties consist of Z Castle Gallery (127  $1^{\rm st}$  Street) to the northwest, a single-family residence to the northeast beyond an alleyway, California Automotive (139  $1^{\rm st}$  Street) to the southeast and the Safeway parking lot to the southwest beyond  $1^{\rm st}$  Street.

The adjacent property to the southeast was observed to be an automotive repair facility. Further discussion of this adjacent automotive repair facility can be found below and in Section 7.3.

Based upon information obtained from a previous investigation performed on the subject property, the direction of groundwater flow beneath the subject property is inferred to be to the northeast. According to the Gregg Drilling and Testing website, groundwater is expected to be encountered at a depth of 5 to 10 feet below ground surface (bgs).

#### **FINDINGS**

Recognized Environmental Conditions (RECs) are defined by the ASTM Standard Practice E1527-05 as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. AEI's investigation has revealed the following recognized environmental conditions associated with the subject property or nearby properties:



• No on-site recognized environmental conditions were identified during the course of this investigation.

Historical Recognized Environmental Conditions (HRECs) are defined by the ASTM Standard Practice E1527-05 as an environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently. AEI's investigation has revealed the following historical recognized environmental conditions associated with the subject property or nearby properties:

• No on-site historical recognized environmental conditions were identified during the course of this investigation.

<u>Environmental Issues</u> include environmental concerns identified by AEI that warrant discussion but do not qualify as recognized environmental conditions, as defined by the ASTM Standard Practice E1527-05. AEI's investigation has revealed the following environmental issues associated with the subject property or nearby properties:

• The adjacent property to the southeast, California Automotive, was noted to be an automotive repair facility. Several hazardous materials such as new oil, waste oil, and automatic transmission fluid are associated with automotive repair activities. However, this site was not identified by the regulatory database for any documented releases. An aboveground hydraulic lift was observed during AEIs site reconnaissance. No evidence of stains or leakage from the lift was observed. Based on this information, the presence of the adjacent automotive repair facility is not expected to represent a significant environmental concern.

# **CONCLUSIONS, OPINIONS AND RECOMMENDATIONS**

We have performed a Phase I Environmental Site Assessment for the property located at 129 1st Street in the City of Los Altos, Santa Clara County, California, in conformance with the scope and limitations of ASTM Standard Practice E1527-05 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312). Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property. AEI recommends no further investigations for the subject property at this time.



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# 1.0 INTRODUCTION

This report documents the methods and findings of the Phase I Environmental Site Assessment (ESA) performed in conformance with the scope and limitations of ASTM Standard Practice E1527-05 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 129 1st Street in the City of Los Altos, Santa Clara County, California (Figure 1: Site Location Map, Figure 2: Site Map, and Appendix A: Property Photographs).

#### 1.1 SCOPE OF WORK

The purpose of the Phase I Environmental Site Assessment is to identify potential environmental liabilities associated with the presence of hazardous materials, their use, storage, and disposal at and in the vicinity of the subject property, as well as regulatory non-compliance that may have occurred at the subject property. Property assessment activities focused on: 1) a review of federal, state, tribal and local databases that identify and describe underground fuel tank sites, leaking underground fuel tank sites, hazardous waste generation sites, and hazardous waste storage and disposal facility sites within the ASTM approximate minimum search distance; 2) a property and surrounding site reconnaissance, and interviews with the past and present owners and current occupants and operators to identify potential environmental contamination; and 3) a review of historical sources to help ascertain previous land use at the site and in the surrounding area.

The goal of AEI Consultants in conducting the environmental site assessment was to identify the presence or likely presence of any hazardous substances or petroleum products on the property that may indicate an existing release, a past release, or a material threat of a release of any hazardous substance or petroleum product into the soil, groundwater, or surface water of the property.

#### 1.2 SIGNIFICANT ASSUMPTIONS

The following assumptions are made by AEI Consultants in this report. AEI Consultants relied on information derived from secondary sources including governmental agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, and personal interviews. Except as set forth in this report, AEI Consultants has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources including government agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, or personal interviews and has assumed that such information is accurate and complete. AEI Consultants assumes information provided by or obtained from governmental agencies including information obtained from government websites is accurate and complete. Groundwater flow and depth to groundwater, unless otherwise specified by on-site well data, or well data from adjacent sites are assumed based on contours depicted on the United States Geological Survey topographic maps. AEI Consultants assumes the property has been correctly and accurately identified by the client, designated representative of the client, property contact, property owner, and property owner's representatives.



# 1.3 LIMITATIONS

Property conditions, as well as local, state, tribal and federal regulations can change significantly over time. Therefore, the recommendations and conclusions presented as a result of this study apply strictly to the environmental regulations and property conditions existing at the time the study was performed. Available information has been analyzed using currently accepted assessment techniques and it is believed that the inferences made are reasonably representative of the property. AEI Consultants makes no warranty, expressed or implied, except that the services have been performed in accordance with generally accepted environmental property assessment practices applicable at the time and location of the study.

Considerations identified by ASTM as beyond the scope of a Phase I ESA that may affect business environmental risk at a given property include the following: asbestos-containing materials, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, mold, vapor intrusion, and high voltage lines. These environmental issues or conditions may warrant assessment based on the type of the property transaction; however, they are considered non-scope issues under ASTM Standard Practice E1527-05.

If requested by the client, these non-scope issues are discussed in Section 7.2. Otherwise, the purpose of this investigation is solely to satisfy one of the requirements for qualification of the innocent landowner defense, contiguous property owner or bona fide prospective purchaser under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). ASTM Standard Practice E1527-05 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) constitute the "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in:

- 1) 42 U.S.C § 9601(35)(B), referenced in the ASTM Standard Practice E1527-05.
- 2) Sections 101(35)(B) (ii) and (iii) of CERCLA and referenced in the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312).
- 3) 42 U.S.C. 9601(40) and 42 U.S.C. 9607(q).

The Phase I Environmental Site Assessment is not, and should not be construed as, a warranty or guarantee about the presence or absence of environmental contaminants that may affect the property. Neither is the assessment intended to assure clear title to the property in question. The sole purpose of investigation into property title records is to ascertain a historical basis of prior land use. All findings, conclusions, and recommendations stated in this report are based upon facts, circumstances, and industry-accepted procedures for such services as they existed at the time this report was prepared (i.e., federal, state, and local laws, rules, regulations, market conditions, economic conditions, political climate, and other applicable matters). All findings, conclusions, and recommendations stated in this report are based on the data and information provided, and observations and conditions that existed on the date and time of the property visit.



Responses received from local, state, or federal agencies or other secondary sources of information after the issuance of this report may change certain facts, findings, conclusions, or circumstances to the report. A change in any fact, circumstance, or industry-accepted procedure upon which this report was based may adversely affect the findings, conclusions, and recommendations expressed in this report.

#### 1.4 LIMITING CONDITIONS

AEI was granted full and complete access to the subject property.

# 1.5 DATA GAPS AND DATA FAILURE

According to ASTM E1527-05, data gaps occur when the Environmental Professional is unable to obtain information required, despite good faith efforts to gather such information.

Data failure is one type of data gap. According to ASTM E1527-05 "data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met". Pursuant to ASTM Standards, historical sources are required to document property use back to the property's first developed use or back to 1940, whichever is earlier.

No data gaps were identified during the course of this investigation.

#### 1.6 RELIANCE

This investigation was prepared for the sole use and benefit of Lehman Brothers Bank, FSB. Neither this report, nor any of the information contained herein shall be used or relied upon for any purpose by any person or entity other than Lehman Brothers Bank, FSB.



# 2.0 SITE AND VICINITY DESCRIPTION

#### 2.1 SITE LOCATION AND DESCRIPTION

The subject property is located on the northeast side of 1<sup>st</sup> Street in Los Altos, California. The subject property is approximately 7,100 square feet and is currently under construction for the development of a one-story building with mezzanine totaling approximately 2,660 square feet. The future occupant of the building is planned to be Styler's Floor Covering, Incorporated. Future on-site operations will include daily office and retail activities for the sale of floor coverings. According to the owner of the subject property, the building is to be used as a showroom only and no hazardous materials will be used or stored on-site. In addition to the subject property building, the property is improved with asphalt-paved parking areas and associated landscaping.

The Assessor's Parcel Number (APN) for the subject property is 167-39-044. Heating and cooling systems on the subject property are fueled by natural gas and electricity provided by Pacific Gas and Electric (PG&E). Potable water and sewage disposal are provided by municipal services.

Refer to Figure 1: Site Location Map, Figure 2: Site Map, and Appendix A: Property Photographs for site location.

# 2.2 SITE AND VICINITY CHARACTERISTICS

The subject property is located in a mixed commercial and residential area of Los Altos. The immediately surrounding properties consist of Z Castle Gallery (127  $1^{st}$  Street) to the northwest, a single-family residence to the northeast beyond an alley way, California Automotive (139  $1^{st}$  Street) to the southeast and the Safeway parking lot to the southwest beyond  $1^{st}$  Street

The adjacent property to the southeast was observed to be an automotive repair facility. Further discussion of this adjacent automotive repair facility can be found in Section 7.3.

#### 2.3 GEOLOGY AND HYDROGEOLOGY

According to information obtained from the US Geological Survey (USGS), the area surrounding the subject property is underlain by Late Pleistocene era alluvial fan gravelly sand which is commonly characterized by yellowish-brown, pale-brown, or light-gray, poorly bedded to well-bedded gravel, sand, silt, and minor clay, weakly to moderately developed with a large variety of sedimentary, igneous and metamorphic rocks.

Based on a review of the USGS Palo Alto, California Quadrangle Topographic Map, the subject property is situated approximately 185 feet above mean sea level, and the local topography is gently sloped to the northeast. The nearest surface water is Adobe Creek, located approximately 5,000 feet south of the subject property. Based upon information obtained from a previous investigation performed on the subject property, the direction of groundwater flow beneath the subject property is inferred to be to the northeast. Based on information obtained from the Gregg Drilling and Testing website, the depth to groundwater in the vicinity of the subject property is expected to be encountered at 5 to 10 feet below ground surface (bgs).



# 3.0 HISTORICAL REVIEW OF SITE AND VICINITY

#### 3.1 HISTORICAL SUMMARY

Reasonably ascertainable standard historical sources as outlined in ASTM Standard E1527-05 were used to determine previous uses and occupancies of the subject property that are likely to have led to recognized environmental conditions in connection with the subject property. A chronological summary of historical data found, including but not limited to aerial photographs, historic city directories and Sanborn fire insurance maps and building department records is as follows:

Date Range	Source(s)	Subject Property Description/Use
At least 1939 to at least 1968	Aerial Photographs, Sanborn Fire Insurance Maps	Undeveloped Land
At least 1968 to at least 2007	Aerial Photographs, City Directories, Interview with Subject Property Owner	Utilized as a Parking Lot
2007-present	Building Permits, Site Reconnaissance, Interview with Subject Property Owner	Under Construction for the Development of a Floor Coverings Store

According to historical sources, construction of the subject property building began in 2007. Prior to the construction of the building, the property was utilized as a parking lot from at least 1968 to at least 2007. A review of aerial photographs revealed the subject property appeared to be undeveloped from at least 1939 to at least 1968. No potential environmental concerns were identified in association with the current or historical use of the subject property.

#### 3.2 Aerial Photograph Review

On June 27, 2008, AEI Consultants reviewed aerial photographs of the subject property and surrounding area. Aerial photographs were reviewed for the following years:

Date: 1956

Date: 1939

Scale: 1'' = 700' Scale: 1'' = 700'

Date: 1964 Date: 1968 Scale: 1" = 700' Scale: 1" = 700'

Date: 1980 Date: 1987 Scale: 1" = 700' Scale: 1" = 700'

Date: 1991 Date: 1998 Scale: 1" = 700' Scale: 1" = 700'

Date: 2007

Scale: Not Provided



In the 1939 aerial photograph, the subject property and adjacent properties to the northwest, southeast and southwest appear to be undeveloped land. The adjacent property to the northeast appears to be developed with a building resembling a single-family residence.

In the 1956 aerial photograph, no significant changes were noted for the subject property and the adjacent properties to the northwest, northeast and southwest. The adjacent property to the southeast appears to be developed with four small structures.

In the 1964 aerial photograph, no significant changes were noted for the subject property and adjacent properties to the northwest and northeast. The adjacent property to the southwest appears to be developed with a parking lot. The adjacent property to the southeast appears to be developed with a structure similar in size and shape to the current structure.

In the 1968 aerial photograph, the subject property appears to be used as a parking lot. The adjacent properties to the northeast and northwest appear to be developed with structures similar in size and shape to the current structures. No significant changes were noted for the adjacent property to the southeast and southwest.

No significant changes were noted in the 1980, 1987, 1991, 1998 and 2007 aerial photographs.

High-quality copies of reviewed aerial photographs are included as Figure 3.

#### 3.3 SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance maps were developed in the late 1800s and early 1900s for use as an assessment tool for fire insurance rates in urbanized areas. A search was made of Seattle Public Library's online collection and the University of California at Berkeley collection of Sanborn Fire Insurance maps on June 16, 2008.

Sanborn maps were available and reviewed for the years 1926 and 1932.

In the 1926 Sanborn map, the subject property and adjacent properties to the northeast, northwest and southeast are depicted as undeveloped. The adjacent property to the southwest is depicted with a dwelling and a public or institutional commercial room.

In the 1932 Sanborn map, no significant changes were noted for the subject property and the adjacent properties to the northwest, southwest and southeast. The adjacent property to the northeast is depicted with a dwelling and one small carport.

#### 3.4 CITY DIRECTORIES

A search of historic city directories was conducted for the subject property at the Santa Clara County Library on July 1, 2008. Directories were available and reviewed for the years 1970, 1975, 1980, 1985, 1990-91, 1995-96, 2000-01 and 2006. The following table summarizes the results of the city directory search.



City Directory Search Results

Year(s)	Occupant Listed
1970, 1975, 1980,	No Address Listing
1985, 1990-91,	
1995-96	
2000-01	Walter Andrews
2006	No Address Listing

No environmental concerns were noted during the city directory review.



# 4.0 REGULATORY AGENCY RECORDS REVIEW

# 4.1. REGULATORY AGENCIES

Local and state agencies, such as environmental health departments, fire prevention bureaus, and building and planning departments are contacted to identify any current or previous reports of hazardous materials use, storage, and/or unauthorized releases that may have impacted the subject property. In addition, information pertaining to Activity and Use Limitations (AULs), defined as legal or physical restrictions, or limitations on the use of, or access to, a site or facility, is requested. Specifically AULs are comprised of engineering controls (EC) and institutional controls (IC).

Engineering Controls are defined as physical modifications to a site or facility to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property. Institutional Controls are defined as a legal or administrative restriction on the use of, or access to, a site or facility to 1) reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property, or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment.

#### 4.1.1 HEALTH DEPARTMENT

On June 16, 2008, the Santa Clara County Environmental Health Department (SCCEHD) was contacted to review files on the subject property and nearby sites of concern. Files at the SCCEHD may contain information regarding hazardous materials storage, as well as information regarding unauthorized releases of petroleum hydrocarbons or other contaminants that may affect the soil or groundwater in the area.

No information indicating current or prior use or storage of hazardous materials, or the existence of AULs was on file for the subject property with the SCCEHD.

#### 4.1.2 FIRE DEPARTMENT

On June 16, 2008, the Santa Clara County Fire Department (SCCFD) was contacted for information on the subject property to identify any evidence of previous or current hazardous material usage.

No information indicating current or prior use or storage of hazardous materials, or the existence of AULs was on file for the subject property with the SCCFD.

#### 4.1.3 BUILDING DEPARTMENT

On June 1, 2008, the Los Altos Building Department (LABD) was contacted for information on the subject property in order to identify historical tenants and property use. Please refer to the following table for a listing of permits reviewed:



Building Permits Reviewed

Year(s)	Owner/Applicant	Description of Permit / Building Use
2007	Unknown	New Building, Parking Lot, Revise Street, Curb and
		Gutter for "Stylers" Floor Coverings

No environmental concerns were noted during a review of building permits.

# 4.1.4 PLANNING DEPARTMENT

On June 16, 2008, the Los Altos Planning Division (LAPD) was contacted for information on the subject property in order to identify AULs associated with the subject property.

No information indicating the existence of AULs was on file for the subject property with the LAPD.

#### 4.1.5 DEPARTMENT OF OIL AND GAS

Department of Oil and Gas (DOG) maps concerning the subject property and nearby properties were reviewed. DOG maps contain information regarding oil and gas development.

According to the DOG map, there are no oil or gas wells within 500 feet of the subject property. No environmental concerns were noted during the DOG map review.



# 5.0 REGULATORY DATABASE RECORDS REVIEW

The following information was obtained through a search of electronically compiled federal, state, county, and city databases provided by Environmental Data Resources, Inc. (EDR). The database search includes regulatory agency lists of known or potential hazardous waste sites, landfills, hazardous waste generators, and disposal facilities in addition to sites under investigation. The information provided in this report was obtained from publicly available sources. The locations of the sites listed in this report are plotted with a geographic information system utilizing geocoding of site addresses. The accuracy of these locations is generally +/- 300 feet. AEI's field representative has attempted to confirm the locations of listings on or adjacent to the subject property. Refer to the radius map (Appendix B: Regulatory Database Review Report) for the locations of the sites in relation to the subject property.

# 5.1 RECORDS SUMMARY

DATABASE REVIEWED	SUBJECT PROPERTY	
Identification as a National Priorities List (NPL) "Superfund" site	No ·	No
Identification as a Federal Delisted NPL site	No	No
Identification as a CERCLIS and/or CERCLIS/NFRAP site	No	No
Identification as a hazardous waste handler and/or generator (RCRA-TSD, LG-GEN and/or SM-GEN)	No	No
Identification as a RCRA CORRACTS site	No	No
Identification in the Federal Institutional Control/Engineering Control Registries	No	N/A
Identification as a Federal Emergency Response Notification Systems (ERNS) site	No	N/A
Identification as a State/Tribal Hazardous Waste site (Spills, SLIC, Envirostor, Historical Cal Sites)	No	No
Identification as a State/Tribal solid waste landfill (SWLF)	No	No
Identification as a State/Tribal registered underground/aboveground storage tanks (UST/AST)	No	No
Identification as a State/Tribal leaking underground storage tanks (LUST/LTANKS) site	No	No
Identification as a State/Tribal Institutional Control/Engineering Control Registries site	No	N/A
Identification as a State/Tribal Voluntary Cleanup Program (VCP) site	No	No
Identification as a State/Tribal Brownfield site	No	No



DATABASE REVIEWED	SUBJECT PROPERTY	ADJACENT PROPERTY
Identification as an Orphan site	No	No
Identification in non-ASTM/AAI databases	No	No

The subject property was not identified during the regulatory database search.

#### 5.2 CONTAMINANT MIGRATION

Migration of petroleum hydrocarbon or volatile organic compound (VOC) contamination is generally via groundwater. Therefore, only those contaminant release sites located hydrologically up-gradient relative to the subject property are expected to represent a potential environmental concern to the subject property. Contaminated sites located hydrologically down-gradient of the subject property are not expected to represent a potential threat to the groundwater quality beneath the subject property. Sites that are situated hydrologically cross-gradient relative to the subject property are not expected to represent a concern unless close proximity allows for the potential of lateral migration. As discussed in Section 2.3, groundwater in the vicinity of the subject property is inferred to flow to the northeast. The migration of VOC contaminants in the vapor phase does have the potential to impact properties; however, evaluation of vapor phase migration and intrusion is beyond the scope of this assessment.

#### 5.3 RECORD DETAILS

**NATIONAL PRIORITIES LIST (NPL)** is EPA's national listing of contaminated sites targeted for cleanup because they pose a threat to human health and the environment. The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA or Superfund) authorizes and requires the EPA to investigate, categorize, and enforce the cleanup of hazardous waste sites on the NPL. An NPL site on or near a particular property may threaten the environmental integrity of the property or affect its marketability.

No sites within a 1-mile radius of the subject property were identified during the NPL database search.

**FEDERAL DELISTED NPL LIST** consists of sites that no longer require further response actions as determined by the EPA.

No sites within a 1-mile radius of the subject property were identified during the Delisted NPL database search.

**CERCLIS AND CERCLIS/NFRAP LIST** consists of sites that the EPA has investigated or is presently investigating for release or threatened release of hazardous substances, which may be subject to review in accordance with the terms and conditions of CERCLA. Sites listed on the "No Further Remedial Action Planned" (NFRAP) database are sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require federal Superfund or NPL consideration.



One site within a 0.5-mile radius of the subject property was identified during the CERCLIS/NFRAP database search. This site is located over 0.25-mile from the subject property in a hydrologically down-gradient position. Based on the relative distance from the subject property and the inferred direction of groundwater flow, this site is not expected to represent a significant environmental concern.

**RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) PROGRAM** identifies and tracks hazardous waste from the point of generation to the point of disposal. Information from the RCRA database is divided into three categories: TSD, LG-GEN and SM-GEN. The TSD category is searched to a 1-mile radius and tracks facilities which treat, store and/or dispose of hazardous waste. LG-GEN, or large generators, are facilities that generate more than 1000 kg of hazardous waste per month. SM-GEN, or small generators, are facilities that generate between 100 and 1000 kg of hazardous waste per month. The LG-GEN and SM-GEN databases are searched up to a 0.125-mile radius from the subject property.

No sites within a 1-mile radius of the subject property were identified during the RCRA-TSD database search.

No sites within a 0.125-mile radius of the subject property were identified during the RCRA (LG-and SM-GEN) database search.

**CORRACTS** is an EPA-maintained database of Resource Conservation and Recovery Act (RCRA) facilities undergoing "corrective action". A "corrective action order" is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA.

No sites within a 1-mile radius of the subject property were identified during the CORRACTS database search.

**FEDERAL INSTITUTIONAL CONTROL (IC)/ENGINEERING CONTROL (EC) REGISTRIES** consist of sites with institutional controls (administrative measures such as land use restrictions, deed restrictions and post remediation requirements intended to prevent exposure to contaminants remaining on site), and engineering controls (physical methods to create pathway elimination for regulated substances to enter environmental media or effect human health).

The subject property was not identified in the Federal IC/EC database search.

**EMERGENCY RESPONSE NOTIFICATION SYSTEMS (ERNS) LIST** is the EPA's database of emergency response actions.

The subject property was not identified during the ERNS database search.

**STATE/TRIBAL HAZARDOUS WASTE SITES (SHWS) LIST** consists of State/Tribal equivalent NPL (SPL) and CERCLIS (SCL), Spills, SLIC, Envirostor, and Historical Cal Sites.



Two sites within a 1-mile radius of the subject property were identified during the State/Tribal Hazardous Waste Sites database search. These two sites reference the same site which is located over 0.25 mile from the subject property in a hydrologically down-gradient position. Based on the relative distance from the subject property and the inferred direction of groundwater flow, this site is not expected to represent a significant environmental concern.

**STATE/TRIBAL SOLID WASTE LANDFILLS (SWLF) LIST** typically contains an inventory of solid waste disposal facilities or landfills in a particular State. Depending on the State, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

No sites within a 0.5-mile radius of the subject property were identified during the State/Tribal SWLF database search.

**STATE/TRIBAL UNDERGROUND/ABOVEGROUND STORAGE TANKS (UST/AST) LIST** is a comprehensive listing of registered underground and aboveground storage tanks located within the State.

One site within a 0.25-mile radius of the subject property was identified during the State/Tribal UST/AST database search. Due to the lack of a documented release or factors discussed in the LUST segment of Section 5.3, the storage of hazardous materials within registered tanks is not a significant environmental concern.

**STATE/TRIBAL LEAKING UNDERGROUND STORAGE TANKS (LUST/LTANKS) LIST** is database of sites with confirmed or unconfirmed leaking underground storage tanks.

Fifteen sites within a 0.5-mile radius of the subject property were identified during the State/Tribal LUST/LTANKS database search. Of the fifteen sites, thirteen are listed with regulatory case closed status. The remaining two active sites are located over 0.25 mile from the subject property in a hydrologically cross-gradient position. Based on the relative distance from the subject property and the inferred direction of groundwater flow, these fifteen sites are not expected to represent a significant environmental concern.

**STATE/TRIBAL INSTITUTIONAL CONTROL (IC) AND ENGINEERING CONTROL (EC) LIST** consists of deed-restricted sites with environmental remediation associated with engineering or institutional controls.

The subject property was not identified during the State/Tribal IC and EC database search.

**STATE/TRIBAL VOLUNTARY CLEANUP PROGRAM (VCP) LIST** addresses the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

No sites within a 0.5-mile radius of the subject property were identified during the State/Tribal VCP database search.



**STATE/TRIBAL BROWNFIELD LIST** consists of abandoned or underused industrial and/or commercial properties that are contaminated (or thought to be contaminated) and have an active potential for redevelopment. Various states do not have specific Brownfields programs, and thus the information may also be incorporated in the State database listings.

No sites within a 0.5-mile radius of the subject property were identified during the State/Tribal Brownfield database search.

**ORPHAN LIST** consists of sites that are provided in the regulatory database; however, due to poor or inadequate address information were not mapped.

Based on AEI's review of the site names and locations provided in the regulatory database for the orphan sites, it does not appear that the subject property, any adjacent, or other sites in the immediate vicinity of the subject property were listed in orphan summary.

**NON ASTM/AAI DATABASES** consist of additional databases identified in the regulatory database report which according to ASTM 1527-05/AAI, are not required to be addressed in the ESA report.

The subject property and/or adjacent sites were not identified during the non-ASTM/AAI databases search.



# 6.0 INTERVIEWS AND USER PROVIDED INFORMATION

#### 6.1 INTERVIEWS

Pursuant to ASTM E1527-05, the following interviews were performed during this investigation in order to obtain information indicating RECs in connection with the subject property.

#### **6.1.1 INTERVIEW WITH OWNER**

The subject property owner, Mr. Michael Herbert, was not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

#### 6.1.2 Interview with Key Site Manager

The key site manager was identified as the subject property owner further discussed above in Section 6.1.1.

#### **6.1.3 PAST OWNERS, OPERATORS AND OCCUPANTS**

Interviews with past owners and occupants regarding historical onsite operations were not reasonably ascertainable. However, based on information obtained from other sources including, aerial photographs, city directories and building permits, it is likely that the information provided by past owners and operators would have been duplicative.

#### 6.1.4 INTERVIEW WITH OTHERS

Information obtained during interviews with local government officials is incorporated into the appropriate segments of this section.

# 6.2 USER PROVIDED INFORMATION

User provided information is intended to help identify the possibility of RECs in connection with the subject property. According to Exhibit "A" of the *Lehman Brothers Phase I Environmental Site Assessments Instructions to the Environmental Contractor*, Lehman Brothers Bank, FSB, the User, has no specific prior knowledge of cleanup liens, activity and land use limitations, specialized user knowledge, information about the fair market values, site history or current activities. Valuation and environmental information is being collected as part of due diligence measures for the associated transaction.

#### 6.2.1 Previous Reports and Other Provided Documentation

Documentation was provided to AEI by the subject property owner, Mr. Herbert, during this investigation. A summary of this information follows:

Phase I Environmental Site Assessment, ERAS Environmental, Incorporated (January 5, 2005)

According to the report, the subject property was developed with a large asphalt paved parking area with landscaping used by the adjacent property at  $127\ 1^{st}$  Street. No groundwater production wells, monitoring wells, drywells, pits or active sumps and no evidence of ASTs or USTs were observed during the site reconnaissance performed by ERAS. An interview



conducted with the previous owner, Mr. Walter Andrews, during this investigation revealed the subject property has been a parking lot since circa 1923. Mr. Andrews also indicated that he was unaware of any hazardous materials or USTs historically located on the subject property. In addition, all historical sources utilized during this investigation including aerial photographs, building permits, and Sanborn Fire Insurance maps did not indicate any hazardous materials or USTs have historically been located on the subject property. No evidence was discovered during this assessment to indicate activities currently or historically conducted on or near the subject property have contributed to fuel or solvent contamination to soil or groundwater in the vicinity of the subject property. Based on this information, ERAS recommended no further work be performed regarding the current status of subsurface environmental conditions at the subject property.

A copy of this report can be found in Appendix C.



# 7.0 SITE INSPECTION AND RECONNAISSANCE

On June 1, 2008, a site reconnaissance of the subject property and adjacent properties was conducted by Ms. Beth N. Cecil of AEI in order to obtain information indicating the likelihood of recognized environmental conditions at the subject property and adjacent properties as specified in ASTM Standard Practice E1527-05 §8.4.2, 8.4.3 and 8.4.4.

# 7.1 SUBJECT PROPERTY RECONNAISSANCE FINDINGS

taentifiea		Observation				
Yes	No					
	$\boxtimes$	Hazardous Substances and/or Petroleum Products in Connection with Property Use				
	$\boxtimes$	Aboveground & Underground Hazardous Substance or Petroleum Product Storage				
		Tanks (ASTs / USTs) Hazardous Substance and Petroleum Product Containers and Unidentified				
	$\boxtimes$	Containers not in Connection with Property Use				
	$\boxtimes$	Unidentified Substance Containers				
$\boxtimes$		Electrical or Mechanical Equipment Likely to Contain Fluids				
	$\boxtimes$	Interior Stains or Corrosion				
	$\boxtimes$	Strong, Pungent or Noxious Odors				
	$\boxtimes$	Pools of Liquid				
$\boxtimes$		Drains, Sumps and Clarifiers				
	$\boxtimes$	Pits, Ponds and Lagoons				
	$\boxtimes$	Stained Soil or Pavement				
	$\boxtimes$	Stressed Vegetation				
$\boxtimes$		Solid Waste Disposal or Evidence of Fill Materials				
	$\boxtimes$	Waste Water Discharges				
	$\boxtimes$	Wells				
	$\boxtimes$	Septic Systems				
	$\boxtimes$	Other				

The future occupant of the subject property building is planned to be Styler's Floor Coverings, Incorporated. Future on-site operations will include daily office and retail activities for the sale of floor coverings. According to the owner of the subject property, the building is to be used as a showroom only and no hazardous materials will be used or stored on-site.

# **ELECTRICAL OR MECHANICAL EQUIPMENT LIKELY TO CONTAIN FLUIDS**

Toxic polychlorinated biphenyls (PCBs) were commonly used historically in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors. According to United States EPA regulation 40 CFR, Part 761, there are three categories for classifying such equipment: <50 ppm of PCBs is considered "Non-PCB"; between 50 and 500 ppm is considered "PCB-Contaminated"; and >500 ppm is considered "PCB-Containing". Pursuant to 15 U.S.C. 2605(e)(2)(A), the manufacture, process, or distribution in commerce or use of any polychlorinated biphenyl in any manner other than in a totally enclosed manner was prohibited after January 1, 1977.



#### **Transformers**

The management of potential PCB-containing transformers is the responsibility of the local utility or the transformer owner. Actual material samples need to be collected to determine if transformers are PCB-containing.

One pole-mounted transformer was observed on the subject property during the site inspection. The transformer may be PCB containing based on the presumed date of installation of the surrounding properties. No spills, staining or leaks were observed on or around the transformer. Based on the good condition of the equipment, the transformer is not expected to represent a significant environmental concern.

#### **DRAINS AND SUMPS**

One storm drain was observed in the parking area of the subject property. No hazardous substances or petroleum products were noted in the vicinity of the drain. Based on the use of the drain solely for storm water runoff, the presence of the drain is not expected to represent a significant environmental concern.

#### SOLID WASTE DISPOSAL OR EVIDENCE OF FILL MATERIALS

A large area of fill dirt was observed on the northeastern portion of the subject property. According to the subject property owner, the fill dirt was brought in from an outside source and is to be used to fill small trenches on the side of the building in order to be in compliance with building codes. The fill dirt presumably contains material that is certified as "free of contamination". Based on this information, the presence of the fill dirt is not expected to represent a significant environmental concern.



# 7.2 Non-ASTM Services

#### 7.2.1 ASBESTOS-CONTAINING BUILDING MATERIALS

#### **OSHA**

For buildings constructed prior to 1981, the Code of Federal Regulations (29 CFR 1926.1101 and 29 CFR 1910.1001) define presumed asbestos-containing material (PACM) as 1. Thermal System Insulation (TSI), e.g., boiler insulation, pipe lagging, fireproofing; and 2. Surfacing Materials, e.g., acoustical ceilings. Building owners/employers are responsible for locating the presence and quantity of PACM. Building Owners/employers can rebut installed material as PACM by either having an inspection in accordance with Asbestos Hazard Emergency Response Act (AHERA) (40 CFR Part 763, Subpart E) or hiring an accredited inspector to take bulk samples of the suspect material.

Typical materials not covered by the presumptive rule include but are not limited to: floor tiles and adhesives, wallboard systems, siding and roofing. Building materials such as wallboard systems may contain asbestos but unless a building owner/employer has specific knowledge or should have known through the exercise of due diligence that these other materials contain asbestos, the standard does not compel the building owner to sample these materials.

#### **NESHAP**

The applicability of the EPA's National Emission Standards for Hazardous Air Pollutants (NESHAP, 40 CFR Chapter 61, Subpart M) apply to the owner or operator of a facility where an inspection for the presence of asbestos-containing materials (ACM), including Category I (asbestos containing packings, gaskets, resilient floor coverings and asphalt roofing products), and Category II (all remaining types of non-friable asbestos containing material not included in Category I that when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure), non-friable ACM must occur prior to the commencement of demolition or renovation activities. NESHAP defines ACM as any material or product that contains *greater than* 1% asbestos. It should be noted that the NESHAP regulation applies to all facilities regardless of construction date, including: 1. Any institutional, commercial, public, industrial, or residential structure, installation, or building; 2. Any ship; and 3. Any active or inactive waste disposal site. This requirement is typically enforced by the EPA or by local air pollution control/air quality management districts.

The information below is for general informational purposes only and does not constitute an asbestos survey. In addition, the information is not intended to comply with federal, state or local regulations in regards to ACM.

Although the cutoff date of 1981 is generally accepted for estimating the likelihood that a building contains ACMs, building materials manufactured after 1981 may still contain asbestos. AEI presents the following observed materials that would be considered suspect ACMs in the event of a thorough survey.



Suspect Asbestos Containing Materials (ACMs)

Material	Location	Friable	Condition
Drywall Systems	Throughout Building Interior	Yes	Good
Roofing Systems	Roof	Not Inspected	Not Inspected

All observed suspect ACMs were in good condition and are not expected to pose a health and safety concern to the occupants of the subject property at this time.

#### 7.2.2 LEAD-BASED PAINT

Lead-based paint (LBP) is defined as any paint, varnish, stain, or other applied coating that has ≥1 mg/cm² (5,000 µg/g or 5,000 ppm) or more of lead by federal guidelines; state and local definitions may differ from the federal definitions in amounts ranging from 0.5 mg/cm² to 2.0 mg/cm². Section 1017 of the Housing and Urban Development (HUD) Guidelines, Residential Lead-Based Paint Hazard Reduction Act of 1992, otherwise known as "Title X", defines a LBP hazard is "any condition that causes exposure to lead that would result in adverse human health effects" resulting from lead-contaminated dust, bare, lead-contaminated soil, and/or lead-contaminated paint that is deteriorated or present on accessible, friction, or impact surfaces. Therefore, under Title X, intact lead-based paint on most walls and ceilings would not be considered a "hazard", although the paint should be maintained and its condition and monitored to ensure that it does not deteriorate and become a hazard. Additionally, Section 1018 of this law directed HUD and EPA to require the disclosure of known information on lead-based paint and lead-based paint hazards before the sale or lease of most housing built before 1978. Most private housing, public housing, federally owned or subsidized housing are affected by this rule.

Lead-containing paint (LCP) is defined as any paint with any detectable amount of lead present in it. It is important to note that LCP may create a lead hazard when being removed. The condition of these materials must be monitored when they are being disturbed. In the event LCP is subject to abrading, sanding, torching and/or cutting during demolition or renovation activities, there may be regulatory issues that must be addressed.

The information below is for general informational purposes only and do not constitute a lead hazard evaluation. In addition, the information is not intended to comply with federal, state or local regulations in regards to lead-containing paints.

In buildings constructed after 1978, it is unlikely that LBP is present. Structures built prior to 1978 and especially prior to the 1960's should be expected to contain LBP.

Due to the age of the subject property building, it is unlikely that lead-based paint is present.

#### **7.2.3 RADON**

Radon is a naturally-occurring, odorless, invisible gas. Natural radon levels vary and are closely related to geologic formations. Radon may enter buildings through basement sumps or other openings.

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 picoCuries per Liter (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.

Radon sampling was not requested as part of this investigation. According to the US EPA, the radon zone level for the area is Zone 2, which has a predicted average indoor screening level between 2 pCi/L and 4 pCi/L, at or below the action level of 4.0 pCi/L set forth by the EPA.

#### 7.2.5 Mold/Indoor Air Quality Issues

Molds are simple, microscopic organisms, which can often be seen in the form of discoloration, frequently green, gray, white, brown or black. When excessive moisture or water accumulates indoors, mold growth will often occur, particularly if the moisture problem remains undiscovered or is not addressed. 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. Mold spores primarily cause health problems through the inhalation of mold spores or the toxins they emit when they are present in large numbers. This can occur primarily when there is active mold growth within places where people live or work.

Mold, if present, may or may not visually manifest itself. Neither the individual completing this inspection, nor AEI has any liability for the identification of mold-related concerns except as defined in applicable industry standards. In short, this Phase I ESA should not be construed as a mold survey or inspection.

AEI Consultants observed interior areas of the subject building(s) in order to identify the significant presence of mold. AEI did not note obvious visual or olfactory indications of the presence of mold, nor did AEI observe obvious indications of significant water damage. As such, no bulk sampling of suspect surfaces was conducted as part of this assessment and no additional action with respect to mold appears to be warranted at this time.

This activity was not designed to discover all areas which may be affected by mold growth on the Property. Rather, it is intended to give the client an indication if significant (based on observed areas) mold growth is present at the Property. Additional areas of mold not observed as part of this limited assessment, possibly in pipe chases, HVAC systems and behind enclosed walls and ceilings, may be present on the Property.



#### 7.3 ADJACENT PROPERTY RECONNAISSANCE FINDINGS

Identified		Observation
Yes	No	Observation -
$\boxtimes$		Hazardous Substances and/or Petroleum Products in Connection with Property Use
	$\boxtimes$	Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs / USTs)
	$\boxtimes$	Hazardous Substance and Petroleum Product Containers and Unidentified Containers not in Connection with Property Use
	$\boxtimes$	Unidentified Substance Containers
	$\boxtimes$	Electrical or Mechanical Equipment Likely to Contain Fluids
	$\boxtimes$	Interior Stains or Corrosion
	$\boxtimes$	Strong, Pungent or Noxious Odors
	$\boxtimes$	Pool of Liquid
	$\boxtimes$	Drains and Sumps
	$\boxtimes$	Pits, Ponds and Lagoons
	$\boxtimes$	Stained Soil or Pavement
	$\boxtimes$	Stressed Vegetation
	$\boxtimes$	Solid Waste Disposal or Evidence of Fill Materials
	$\boxtimes$	Waste Water Discharges
	$\boxtimes$	Wells
	$\boxtimes$	Septic Systems
	$\boxtimes$	Other

# HAZARDOUS SUBSTANCES AND/OR PETROLEUM PRODUCTS IN CONNECTION WITH PROPERTY USE

The adjacent property to the southeast was noted to be an automotive repair facility. Several hazardous materials such as new oil, waste oil, and automatic transmission fluid are associated with automotive repair activities. However, this site was not identified by the regulatory database for any documented releases. An aboveground hydraulic lift was observed during AEIs site reconnaissance. No evidence of stains or leakage from the lift was observed. Based on this information, the presence of the adjacent automotive repair is not expected to represent a significant environmental concern.



# 8.0 FINDINGS AND CONCLUSIONS

#### **FINDINGS**

Recognized environmental conditions (RECs) are defined by the ASTM Standard Practice E1527-05 as the presence or likely presence of any hazardous substances or petroleum products under conditions that indicate an existing release, a past release, or a material threat of a release into structures on the property or into the ground, groundwater, or surface water of the property. AEI's investigation has revealed the following recognized environmental conditions associated with the subject property or nearby properties:

• No on-site recognized environmental conditions were identified during the course of this investigation.

Historical recognized environmental conditions (HRECs) are defined by the ASTM Standard Practice E1527-05 as an environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently. AEI's investigation has revealed the following historical recognized environmental conditions associated with the subject property or nearby properties:

 No on-site historical recognized environmental conditions were identified during the course of this investigation.

<u>Environmental Issues</u> include environmental concerns identified by AEI that warrant discussion but do not qualify as recognized environmental conditions, as defined by the ASTM Standard Practice E1527-05. AEI's investigation has revealed the following environmental issues associated with the subject property or nearby properties:

• The adjacent property to the southeast, California Automotive, was noted to be an automotive repair facility. Several hazardous materials such as new oil, waste oil, and automatic transmission fluid are associated with automotive repair activities. However, this site was not identified by the regulatory database for any documented releases. An aboveground hydraulic lift was observed during AEIs site reconnaissance. No evidence of stains or leakage from the lift was observed. Based on this information, the presence of the adjacent automotive repair is not expected to represent a significant environmental concern.

#### **CONCLUSIONS, OPINIONS AND RECOMMENDATIONS**

We have performed a Phase I Environmental Site Assessment for the property located at 129 1st Street in the City of Los Altos, Santa Clara County, California, in conformance with the scope and limitations of ASTM Standard Practice E1527-05 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312). Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property. AEI recommends no further investigations for the subject property at this time.



# 9.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

By signing this report, the senior author declares that, to the best of his or her professional knowledge and belief, he or she meets the definition of *Environmental Professional* as defined in §312.10 of 40 CFR Part 312.

The senior author has the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property. The senior author has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40CFR Part 312.

Prepared By:

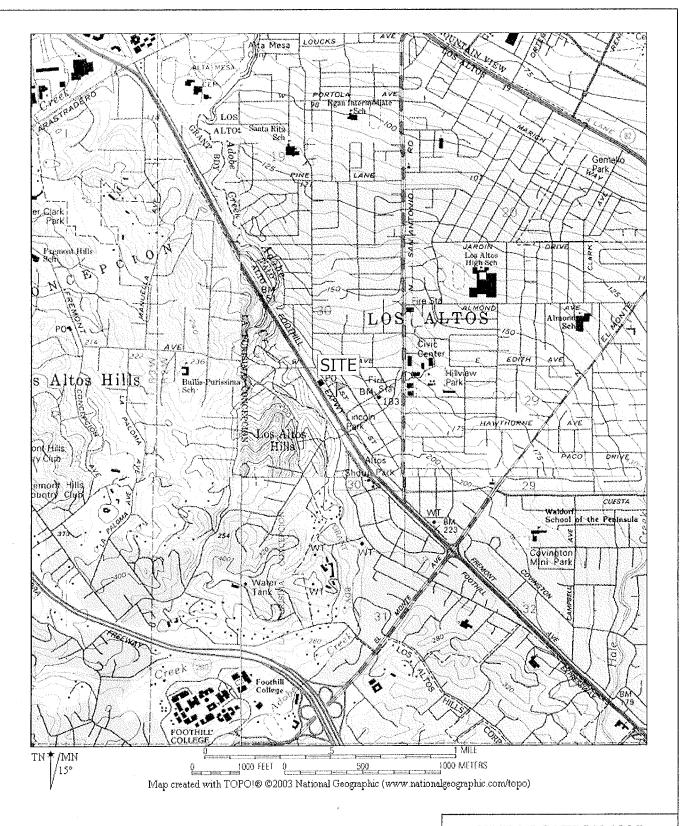
Beth N. Cecil Project Manger Reviewed By:

Thomas Petersen, REA Senior Author



# **FIGURES**





MA

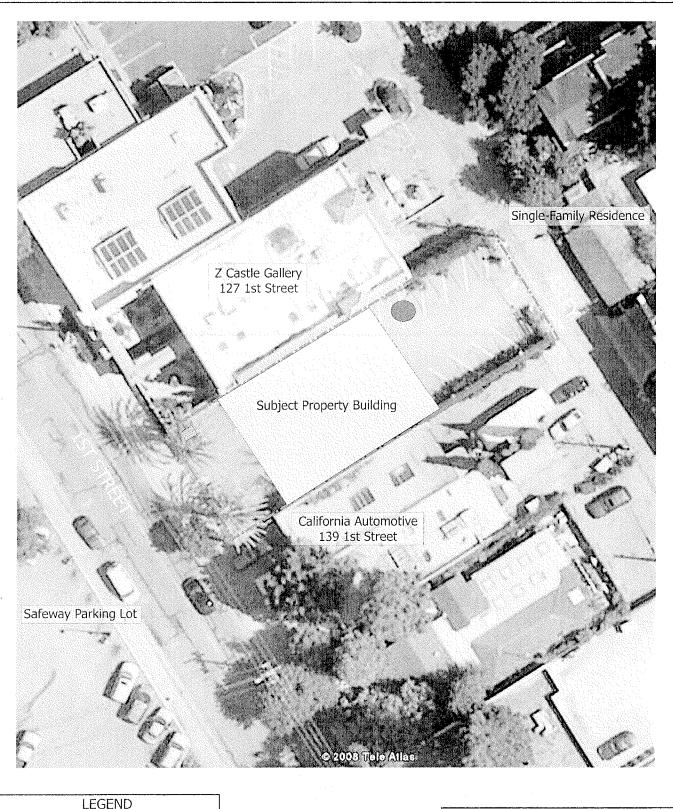
USGS TOPOGRAPHIC MAP PALO ALTO, CA QUADRANGLE Created 1997

# SITE LOCATION MAP

129 1st Street Los Altos, CA 94022

**FIGURE 1**Job No: 279395

SAEI



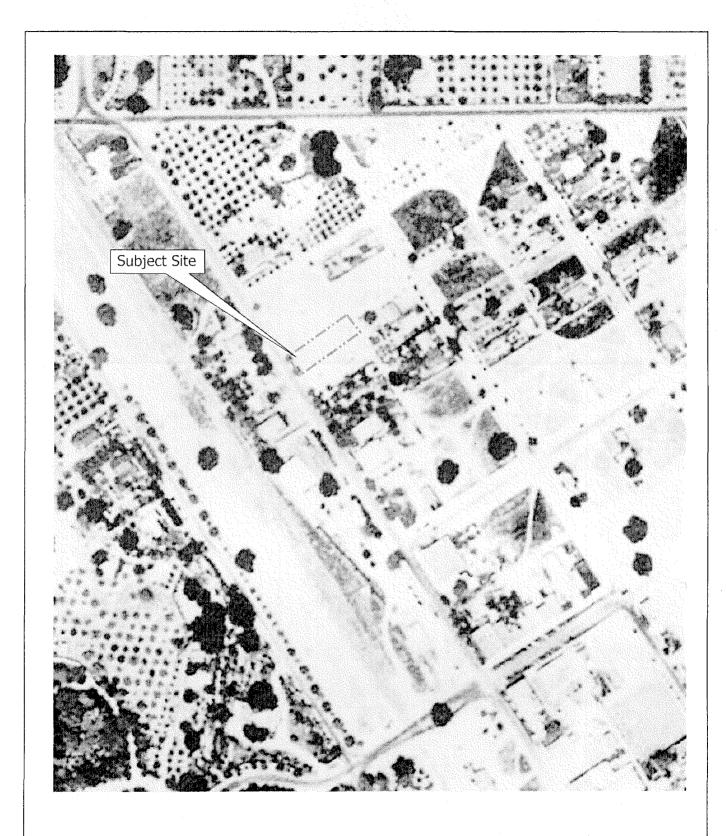
# LEGEND SUBJECT PROPERTY LINE LOCATION OF DRAIN LOCATION OF FILL DIRT

# SITE MAP

129 1st Street Los Altos, CA 94022

**FIGURE 2**Job No: 279395





N A

Source: Fairchild Year: 1939

# **AERIAL PHOTOGRAPH**

129 1st Street Los Altos, CA 94022

FIGURE 3

Job No: 279395





N

Source: ASCS-USDA

Year: 1956

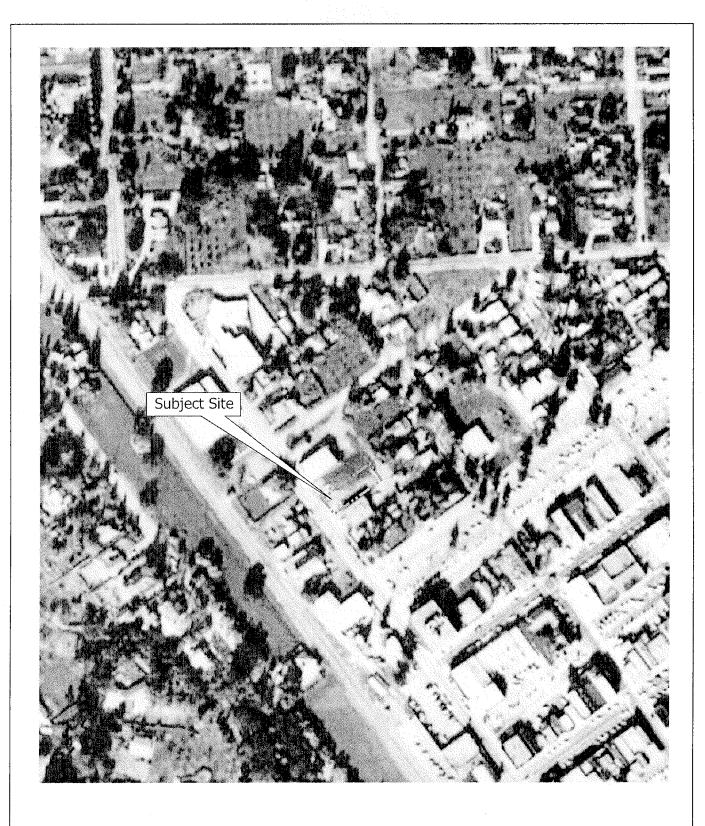
# **AERIAL PHOTOGRAPH**

129 1st Street Los Altos, CA 94022

FIGURE 3

Job No: 279395





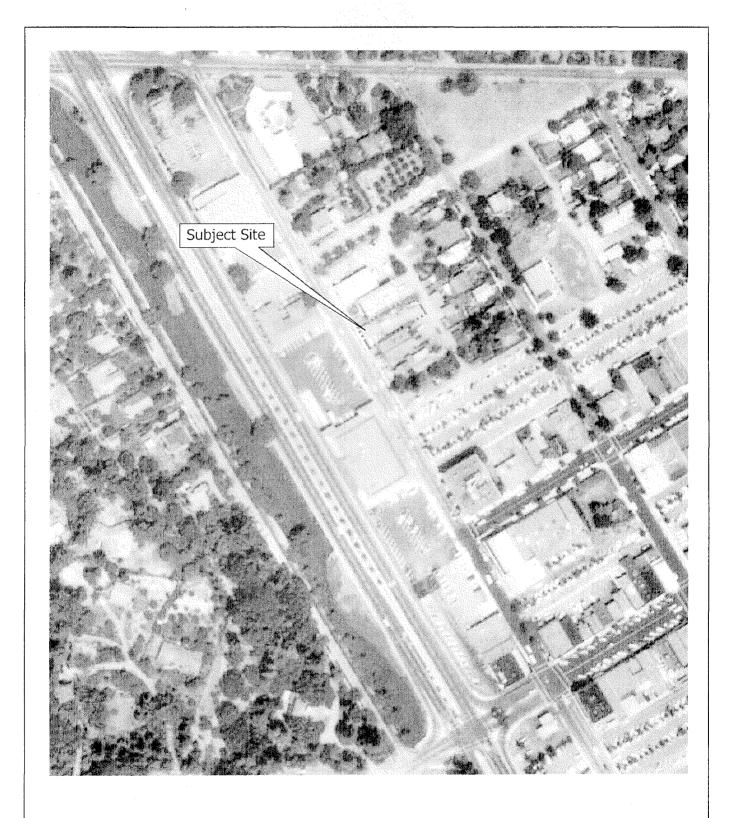
Source: Cartwright Year: 1964

# **AERIAL PHOTOGRAPH**

129 1st Street Los Altos, CA 94022

FIGURE 3





Source: Cartwright

Year: 1968

# **AERIAL PHOTOGRAPH**

129 1st Street Los Altos, CA 94022

FIGURE 3



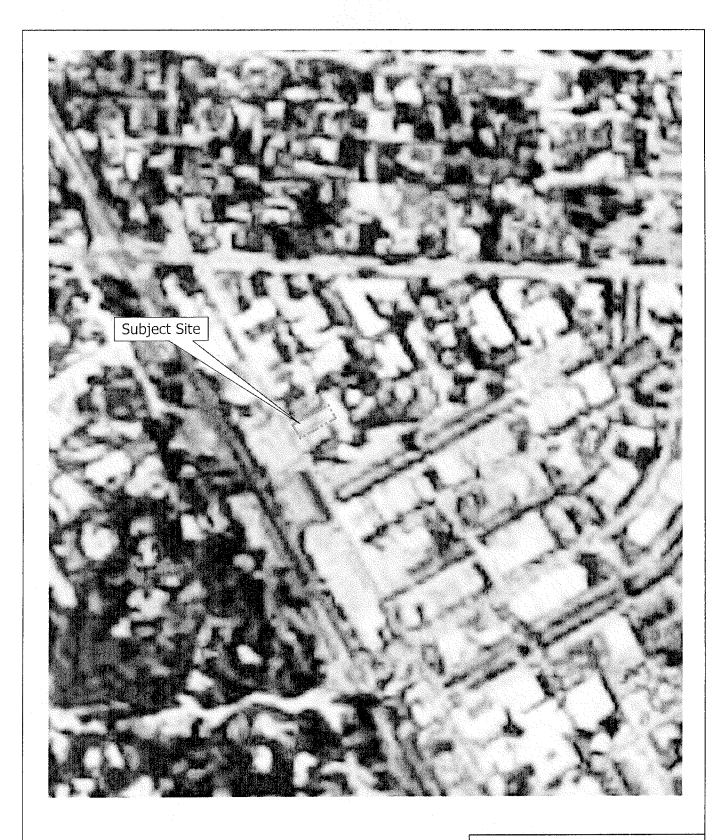


Source: USDA Year: 1980

# **AERIAL PHOTOGRAPH**

129 1st Street Los Altos, CA 94022

FIGURE 3 Job No: 279395



N

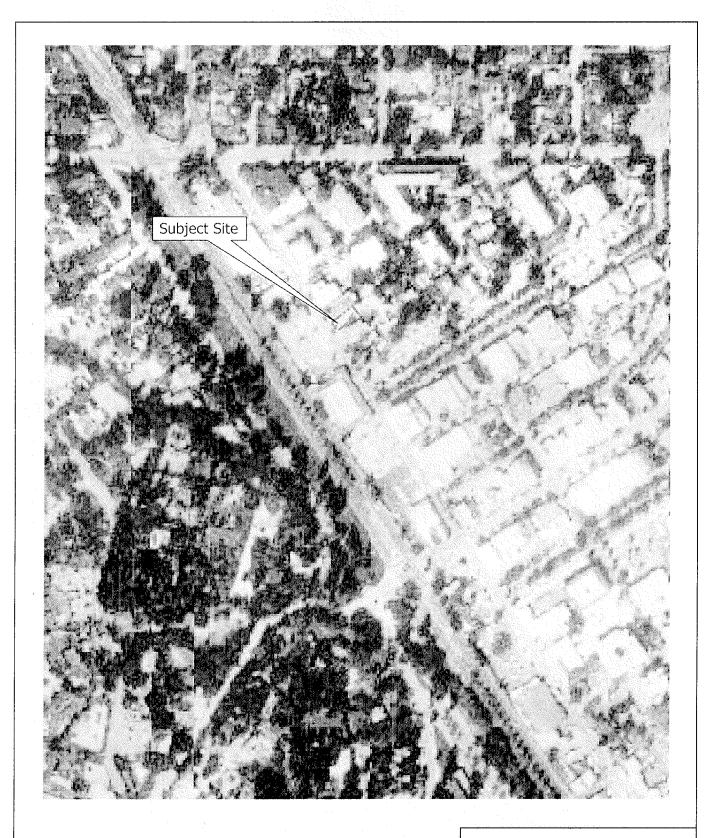
Source: USGS Year: 1987

# **AERIAL PHOTOGRAPH**

\* 129 1st Street Los Altos, CA 94022

FIGURE 3





NA

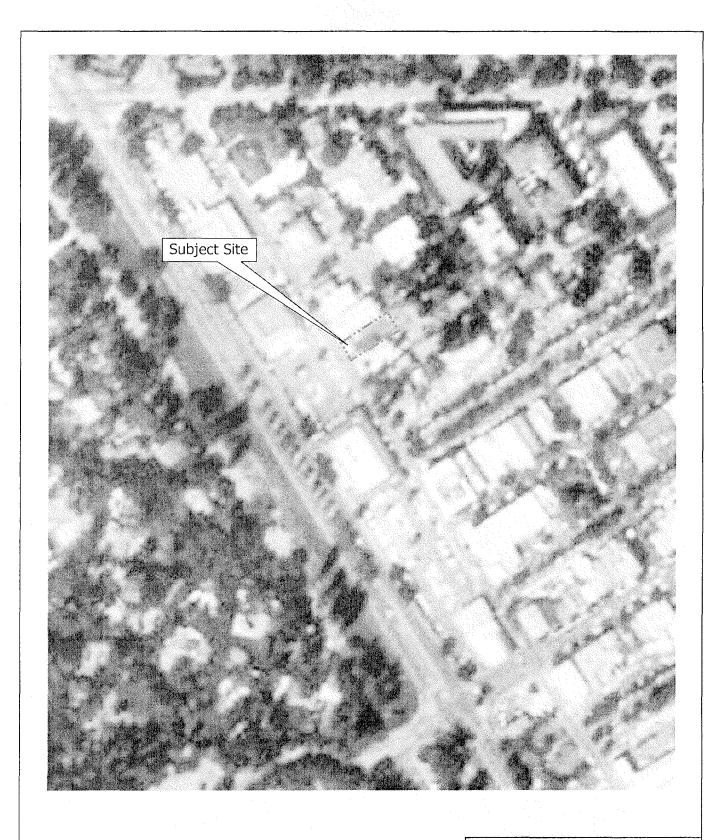
Source: USGS Year: 1991

# **AERIAL PHOTOGRAPH**

129 1st Street Los Altos, CA 94022

# FIGURE 3





N

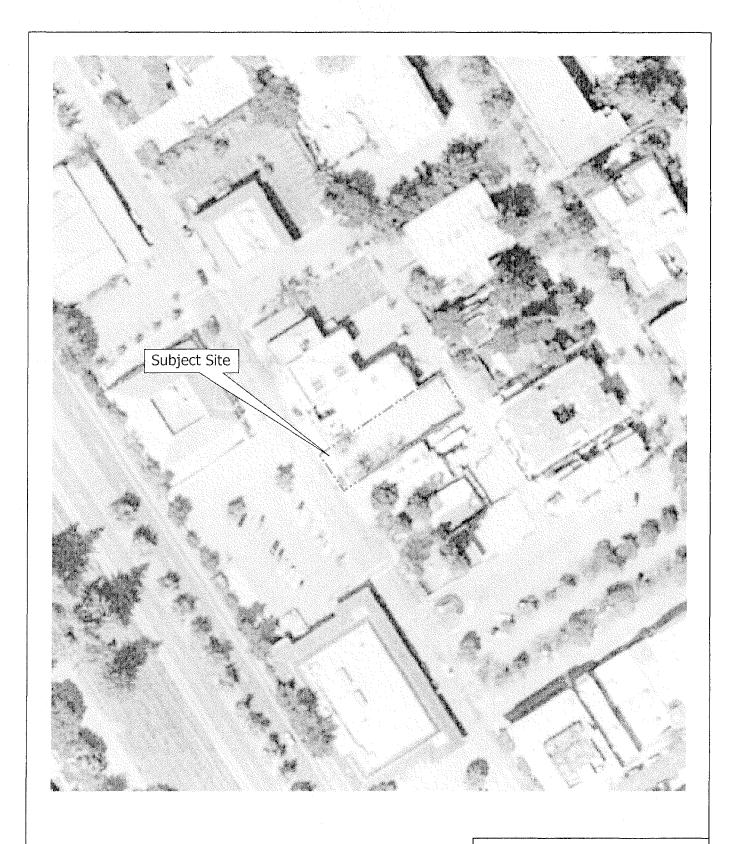
Source: USGS Year: 1998

# **AERIAL PHOTOGRAPH**

129 1st Street Los Altos, CA 94022

# FIGURE 3





N A

Source: TerraServer

Year: 2007

# **AERIAL PHOTOGRAPH**

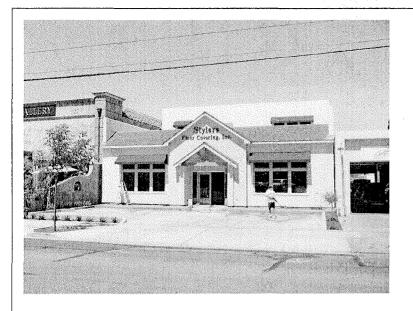
129 1st Street Los Altos, CA 94022

FIGURE 3



# APPENDIX A PROPERTY PHOTOGRAPHS

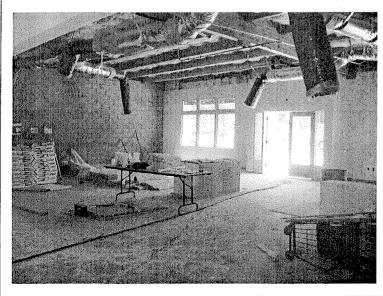




1. View of the subject property building from a position facing northeast.

2. View of the subject property building from a position facing southwest.



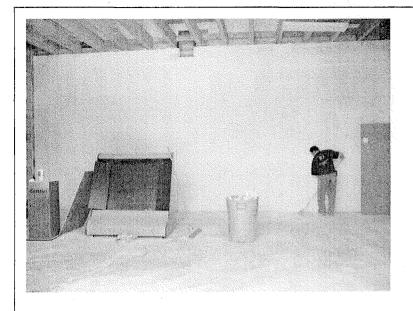


3. View of the interior of the future display room of the subject property building.

# **PROPERTY PHOTOGRAPHS**

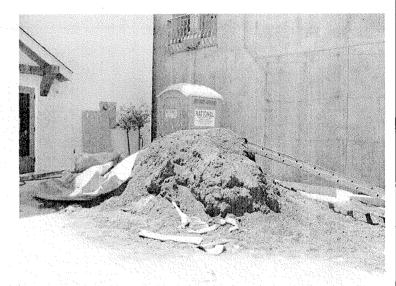
129 1st Street Los Altos, CA 94022

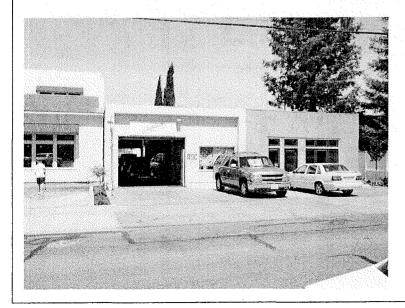




4. View of the future storage room of the subject property building.

5. View of the fill dirt located on the northeastern portion of the subject property.



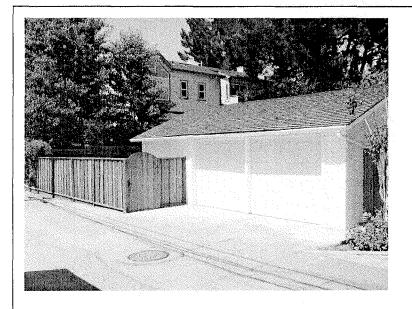


6. View of California Automotive adjacent to the southeast of the subject property.

# **PROPERTY PHOTOGRAPHS**

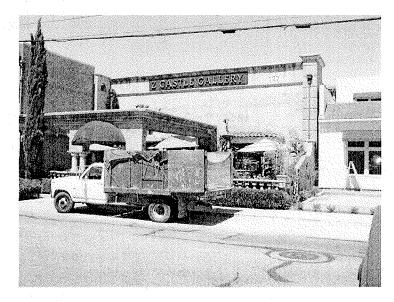
129 1st Street Los Altos, CA 94022





7. View of single-family residence adjacent to the northeast.

8. View of Z Castle Gallery adjacent to the northwest.





9. View of the Safeway parking lot adjacent to the southwest.

# **PROPERTY PHOTOGRAPHS**

129 1st Street Los Altos, CA 94022



# APPENDIX B REGULATORY DATABASE



**279395** 129 1st Street Los Altos, CA 94022

Inquiry Number: 2243643.1s

June 12, 2008

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road Milford, CT 06461 Toll Free: 800.352.0050 www.edmet.com

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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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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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

## TARGET PROPERTY INFORMATION

#### **ADDRESS**

129 1ST STREET LOS ALTOS, CA 94022

#### COORDINATES

Latitude (North): Longitude (West): 37.379820 - 37° 22' 47.4" 122.119330 - 122° 7' 9.6"

Universal Tranverse Mercator: Zone 10 UTM X (Meters):

577969 8

UTM Y (Meters):

4137168.0

Elevation:

190 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:

37122-D1 MOUNTAIN VIEW, CA

Most Recent Revision:

1999

South Map:

37122-C1 CUPERTINO, CA

Most Recent Revision:

Southwest Map:

37122-C2 MINDEGO HILL, CA

Most Recent Revision:

1999

West Map:

37122-D2 PALO ALTO, CA

Most Recent Revision:

1999

## TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

## 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:

#### **FEDERAL RECORDS**

NPL...... National Priority List

Proposed NPL...... Proposed National Priority List Sites Delisted NPL National Priority List Deletions

NPL LIENS..... Federal Superfund Liens

CERCLIS No Further Remedial Action Planned

LIENS 2...... CERCLA Lien Information CORRACTS Corrective Action Report

RCRA-TSDF......RCRA - Transporters, Storage and Disposal

RCRA-CESQG\_\_\_\_\_\_RCRA - Conditionally Exempt Small Quantity Generator

RCRA-NonGen RCRA - Non Generators US ENG CONTROLS Engineering Controls Sites List US INST CONTROL....... Sites with Institutional Controls

ERNS..... Emergency Response Notification System

HMIRS Hazardous Materials Information Reporting System

DOT OPS..... Incident and Accident Data US CDL Clandestine Drug Labs
US BROWNFIELDS A Listing of Brownfields Sites DOD...... Department of Defense Sites FUDS Formerly Used Defense Sites

Lucis Land Use Control Information System CONSENT. Superfund (CERCLA) Consent Decrees

ROD Records Of Decision UMTRA...... Uranium Mill Tailings Sites

ODI Open Dump Inventory
DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations

MINES..... Mines Master Index File

TSCA...... Toxic Substances Control Act

Act)/TSCA (Toxic Substances Control Act)

HIST FTTS FIFRA/TSCA Tracking System Administrative Case Listing

SSTS Section 7 Tracking Systems

PADS\_\_\_\_\_\_PCB Activity Database System

MLTS Material Licensing Tracking System RADINFO Radiation Information Database

FINDS...... Facility Index System/Facility Registry System RAATS RCRA Administrative Action Tracking System

# STATE AND LOCAL RECORDS

SCH\_\_\_\_\_School Property Evaluation Program Toxic Pits Cleanup Act Sites SWF/LF...... Solid Waste Information System CA WDS Waste Discharge System
WMUDS/SWAT Waste Management Unit Database

SWRCY......Recycler Database

SLIC Statewide SLIC Cases
AST Aboveground Petroleum Storage Tank Facilities

LIENS.... Environmental Liens Listing SAN JOSE HAZMAT..... Hazardous Material Facilities

CHMIRS...... California Hazardous Material Incident Report System

Notify 65...... Proposition 65 Records DEED Deed Restriction Listing

VCP..... Voluntary Cleanup Program Properties WIP ...... Well Investigation Program Case List

HAULERS...... Registered Waste Tire Haulers Listing

#### TRIBAL RECORDS

 INDIAN RESERV
 Indian Reservations

 INDIAN ODI
 Report on the Status of Open Dumps on Indian Lands

 INDIAN LUST
 Leaking Underground Storage Tanks on Indian Land

 INDIAN UST
 Underground Storage Tanks on Indian Land

INDIAN VCP...... Voluntary Cleanup Priority Listing

## **EDR PROPRIETARY RECORDS**

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

#### 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.

#### FEDERAL RECORDS

**CERCLIS:** The Comprehensive Environmental Response, Compensation and Liability Information System 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.

A review of the CERCLIS list, as provided by EDR, and dated 04/08/2008 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
HILLVIEW MAINTENANCE YARD	ADJ TO 97 HILLVIEW AVE,	1/4 - 1/2 E	23	37

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/06/2008 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported	398 MAIN STREET	1/8 - 1/4 SSE	A6	12

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 03/06/2008 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
NIELSONS MARTINIZING DRY CLEAN	<b>230 1ST STREET</b>	<b>1/8 - 1/4 SSE</b>	-	<b>7</b>
WALGREENS NO 7088	303 2ND ST	1/8 - 1/4 SE		20

#### STATE AND LOCAL RECORDS

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.

Lower Elevation	Address	Dist / Dir	Map ID	Page
			<del></del>	
HILLVIEW - ELEANOR AREA PLUME	BTW HILLVIEW;ELEANOR AV	1/4 - 1/2 E	24	38

**CA BOND EXP. 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.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
HILLVIEW-ELEANOR AREA PLUME	NEAR CORNER OF HILLVIEW	1/4 - 1/2 E	30	49

**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). This listing is no longer updated by the state agency.

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 8 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CHEVRON #9-1875	401 MAIN ST	1/8 - 1/4 SSE	A9	14
HON PROPERTY	386 UNIVERSITY	1/4 - 1/2 SSE	B15	25
PEERS ESTATE	13721 ROBLEDA RD	1/4 - 1/2 WSW	E25	42
MCELROY LUMBER	496 1ST ST	1/4 - 1/2 SE	F27	44
CHEVRON	470 SAN ANTONIO RD S	1/4 - 1/2 SE	F29	48
Lower Elevation	Address	Dist / Dir	Map ID	Page
SHELL (FORMER)	45 MAIN ST	1/4 - 1/2 ENE	13	21
PACIFIC BELL	61 N SAN ANTONIO RD	1/4 - 1/2 ENE	C17	27
VILLA ANGELA RESIDENCE	11 ANGELA DR	1/4 - 1/2 NE	D21	35

**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 04/08/2008 has revealed that there are 15 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CHEVRON #9-1875 CHEVRON #9-1875 Facility Status: Case Closed	401 MAIN ST <b>401 MAIN ST</b>	1/8 - 1/4 SSE 1/8 - 1/4 SSE		13 <b>14</b>
HON RESIDENCE Facility Status: Case Closed	386 UNIVERSITY AVE	1/4 - 1/2 SSE	B14	23
UNOCAL #5957 Facility Status: Remedial action (cleanup)	330 S SAN ANTONIO RD Underway	1/4 - 1/2 SE	16	25
PEERS ESTATE Facility Status: Case Closed	13721 ROBLEDA RD	1/4 - 1/2 WSW	E25	42
PEERS ESTATE  MCELROY LUMBER  Facility Status: Case Closed	13721 ROBLEDA RD <b>496 1ST ST</b>	1/4 - 1/2WSW <b>1/4 - 1/2SE</b>	E26 <b>F27</b>	44 <b>44</b>
CHEVRON #9-5215 Facility Status: Post remedial action monit	470 S SAN ANTONIO RD oring	1/4 - 1/2 SE	F28	46
Lower Elevation	Address	Dist / Dir	Map ID	Page
SHELL (FORMER) Facility Status: Case Closed	45 MAIN ST	1/4 - 1/2 ENE	13	21
PACIFIC BELL Facility Status: Case Closed	61 N SAN ANTONIO RD	1/4 - 1/2 ENE	C17	27
PACIFIC BELL  COAST CASEY PUMP STATION  Facility Status: Case Closed	61 N SAN ANTONIO RD 101 N SAN ANTONIO RD	1/4 - 1/2 ENE <b>1/4 - 1/2 NE</b>	C18 <b>D19</b>	32 <b>33</b>
COAST CASEY PUMP STATION	101 N SAN ANTONIO RD	1/4 - 1/2 NE	D20	34

Lower Elevation	Address	Dist / Dir	Map ID	Page
VILLA ANGELA RESIDENCE Facility Status: Case Closed	11 ANGELA DR	1/4 - 1/2 NE	D21	35
VILLA ANGELA RESIDENCE	11 ANGELA DR	1/4 - 1/2NE	D22	36

**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 are 3 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
L. E. E. ASSOC.	101 001ST ST	<b>0 - 1/8 S</b>	<b>3</b>	<b>7</b>
GERARD HOMES, INC	141 001ST ST	<b>1/8 - 1/4 S</b>	<b>5</b>	<b>11</b>
91875	401 MAIN ST	1/8 - 1/4 SSE	A8	14

**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 10 HIST LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CHEVRON #9-1875	401 MAIN ST	1/8 - 1/4 SSE	A9	14
HON RESIDENCE	386 UNIVERSITY AVE	1/4 - 1/2 SSE	B14	23
UNOCAL #5957	330 S SAN ANTONIO RD	1/4 - 1/2 SE	16	25
PEERS ESTATE	13721 ROBLEDA RD	1/4 - 1/2 WSW	E25	42
MCELROY LUMBER	496 1ST ST	1/4 - 1/2 SE	F27	44
CHEVRON #9-5215	470 S SAN ANTONIO RD	1/4 - 1/2 SE	F28	46
Lower Elevation	Address	Dist / Dir	Map ID	Page
SHELL (FORMER)	45 MAIN ST	1/4 - 1/2 ENE	13	21
PACIFIC BELL	61 N SAN ANTONIO RD	1/4 - 1/2 ENE	C17	27
COAST CASEY PUMP STATION	101 N SAN ANTONIO RD	1/4 - 1/2 NE	D19	33
VILLA ANGELA RESIDENCE	11 ANGELA DR	1/4 - 1/2 NE	D21	35

**UST:** The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 04/08/2008 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
VILLAGE CHEVRON	401 MAIN ST.	1/8 - 1/4 SSE	A11	19

**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 3 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GERARD HOMES, INC L. E. E. ASSOC.	141 1ST ST 101-111 FIRST ST.	0 - 1/8 SSE 0 - 1/8 NW		6 6
91875	401 MAIN ST	1/8 - 1/4 SSE	A10	18

**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 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
L. E. E. ASSOC.	101 001ST ST	0 - 1/8 S	3	7
GERARD HOMES, INC	141 001ST ST	1/8 - 1/4 S	5	11
CHEVRON #9-1875	401 MAIN ST	1/8 - 1/4 SSE	A9	14

**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 07/31/2007 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
NIELSONS MARTINIZING DRY CLEAN	230 1ST STREET	1/8 - 1/4 SSE	4	7

**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 02/26/2008 has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
HILLVIEW - ELEANOR AREA PLUME	BTW HILLVIEW;ELEANOR AV	1/4 - 1/2 E	24	38

**ENVIROSTOR:** The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies 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 02/26/2008 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
HILLVIEW - ELEANOR AREA PLUME Facility Status: Backlog	BTW HILLVIEW;ELEANOR AV	1/4 - 1/2 E	24	38

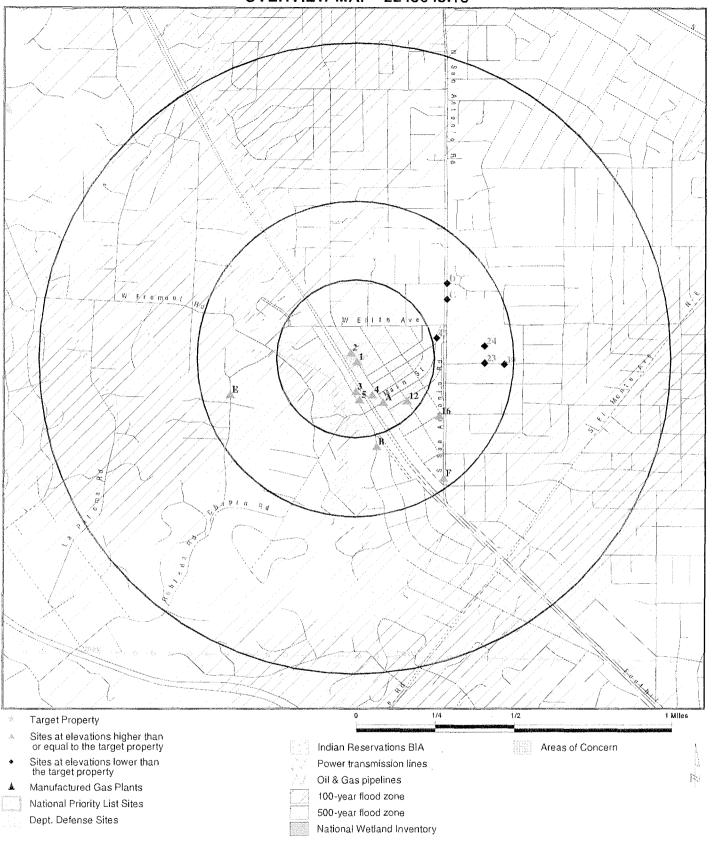
Due to poor or inadequate address information, the following sites were not mapped:

Site Name

DONS MOBIL SER. LOS ALTOS NURSERY LOS ALTOS WELL FIELD HILLVIEW - ELEANOR DONS MOBIL SER. Database(s)

CA FID UST, SWEEPS UST LUST, Cortese, HIST LUST CERC-NFRAP CERC-NFRAP HIST UST

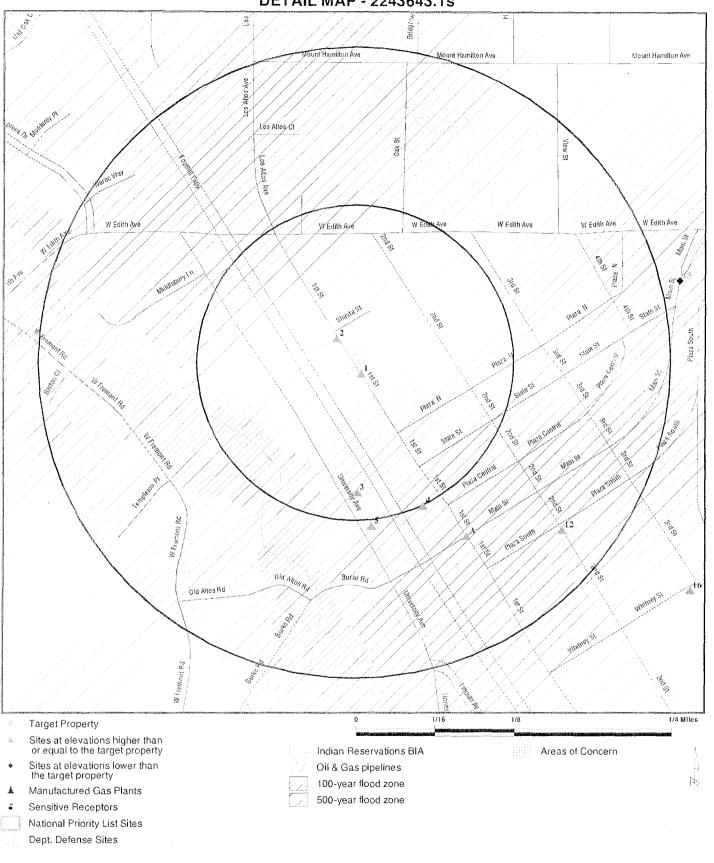
# **OVERVIEW MAP - 2243643.1s**



CLIENT: AEI Consult CONTACT: Deborah INQUIRY #: 2243643.1s SITE NAME: 279395 **AEI** Consultants 129 1st Street Los Altos CA 94022 ADDRESS: LAT/LONG: 37.3798 / 122.1193 DATE: June 12, 2008 4:57 pm

Copyright ≈ 2008 EDR. Inc. ≈ 2007 Tele Atlas Ref. 07/2006.

# **DETAIL MAP - 2243643.1s**



SITE NAME: 279395 CLIENT: **AEI Consultants** CONTACT: Deborah INQUIRY#: 2243643.1s ADDRESS: 129 1st Street Los Altos CA 94022 LAT/LONG: 37.3798 / 122.1193 DATE: June 12, 2008 4:57 pm

# MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL Proposed NPL Delisted NPL NPL LIENS CERCLIS CERC-NFRAP LIENS 2 CORRACTS RCRA-TSDF RCRA-LQG RCRA-SQG RCRA-CESQG RCRA-ONORGEN US ENG CONTROLS US INST CONTROL ERNS HMIRS DOT OPS US CDL US BROWNFIELDS DOD FUDS LUCIS CONSENT ROD UMTRA ODI DEBRIS REGION 9 MINES TRIS TSCA FTTS HIST FTTS SSTS ICIS PADS MLTS RADINFO FINDS RAATS		1.000 1.000 1.000 1.000 TP 0.500 0.500 TP 1.000 1.000 0.250 0.250 TP 0.500 0.500 TP TP TP 0.500 1.000 1.000 0.500 1.000 0.500 0.500 0.500 0.500 0.500 0.700	OOOROOROOOOOROORREEREEREEREEREEREEREEREE	000R00R00120R00RRRR0000000000RRRRRRRRRR	000810800888800888880000000088888888888	22222222222222222222222222222222222222	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	000010000000000000000000000000000000000
STATE AND LOCAL RECOR	<u>DS</u>	1.000	0	0	1	0	NR	1
CA BOND EXP. PLAN SCH Toxic Pits SWF/LF		1.000 1.000 0.250 1.000 0.500	0 0 0 0	0 0 0 0	1 NR 0 0	0 NR 0 NR	NR NR NR NR	1 0 0

# **MAP FINDINGS SUMMARY**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	<u>&gt; 1</u>	Total Plotted
CA WDS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	Ö
Cortese		0.500	Ö	1	7	NR	NR	8
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	0	2	13	NR	NR	15
CA FID UST		0.250	1	2	NR	NR	NR	3
SLIC		0.500	0	0	0	NR	NR	0
HIST LUST		0.500	0	1	9	NR	NR	10
UST		0.250	0	1	NR	NR	NR	1
HIST UST		0.250	2	1	NR	NR ·	NR	3
AST		0.250	0	0	NR	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
SAN JOSE HAZMAT		0.250	0	0	NR	NR	NR	0
SWEEPS UST		0.250	1	2	NR	NR	NR	3
CHMIRS		TP 1.000	NR 0	NR 0	NR	NR 0	NR NR	0 0
Notify 65 DEED		0.500	0	0	0 0	NR N	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.350	0	1	NR	NR	NR	1
WIP		0.250	0	ó	NR	NR	NR	Ó
CDL		TP	NR	NR	NR	NR	NR	0
RESPONSE		1.000	0	0	1	0	NR	1
HAZNET		TP	NŘ	NR	NR	NR	NR	Ö
AIRS		TP	NR	NR	NR	NR	NR	Ö
HAULERS		TP	NR	NR	NR	NR	NR	0
ENVIROSTOR	•	1.000	0	0	1	0	NR	1
TRIDAL PEOODDO								
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN ODI		0.500	Ŏ	Ö	Ö	NR	NR	Ö
INDIAN LUST		0.500	Ö	Ō	Ö	NR	NR	Ö
INDIAN UST		0.250	Ō	0	NR	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

# NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID Direction Distance MAP FINDINGS

Elevation Site

Database(s)

HIST UST

HIST UST

U001594143

N/A

EDR ID Number EPA ID Number

U001594138

N/A

1 SSE GERARD HOMES, INC

141 1ST ST

< 1/8

LOS ALTOS, CA 94022

0.010 mi. 52 ft.

Relative: Higher

HIST UST:

Region: Facility ID: STATE

Facility Type:

Other

Actual: 191 ft.

Other Type: CONSTRUCTION

Total Tanks:

0001

Contact Name: Telephone:

**ED TOWNSEND** 4159414141

00000002575

Owner Name:

GERARD HOMES, INC 141 FIRST ST.

Owner Address: Owner City, St, Zip:

LOS ALTOS, CA 94022

Tank Num: Container Num: 001

Year Installed:

1978 00002000

Tank Capacity: Tank Used for:

PRODUCT UNLEADED 3/16 inches

Type of Fuel: Tank Construction: Leak Detection:

None

2

L. E. E. ASSOC. 101-111 FIRST ST.

NW < 1/8

LOS ALTOS, CA 94022

0.025 mi. 130 ft.

Relative:

HIST UST:

Equal Actual:

190 ft.

Region: STATE

Facility ID: Facility Type: 00000004262

Other

Other Type: Total Tanks:

STORAGE GAS TANK 0001

Contact Name:

Not reported

Telephone:

4153285998

Owner Name:

L. E. E. ASSOCIATES

Owner Address:

840 MADONNA WAY

Owner City, St, Zip:

LOS ALTOS, CA 94022

Tank Num: Container Num: 001 1

Year Installed:

Not reported

Tank Capacity:

00001000 **PRODUCT** 

Tank Used for: Type of Fuel:

PREMIUM

Tank Construction:

Not reported

Leak Detection:

None

Map ID MAP FINDINGS Direction

Distance

Elevation Site Database(s) EPA ID Number

3 L. E. E. ASSOC.

South 101 001ST ST < 1/8 LOS ALTOS, CA 94022

0.103 mi.

544 ft.

CA FID UST: Relative:

Higher Actual:

200 ft.

43011963 Facility ID: Regulated By: UTNKA Regulated ID: 00004262 Cortese Code: Not reported

SIC Code: Not reported Facility Phone: 4153285998 Mail To: Not reported

Mailing Address: 840 MADONNA WAY Mailing Address 2: Not reported Mailing City, St, Zip: LOS ALTOS 94022

Not reported Contact: Contact Phone: Not reported Not reported DUNs Number: NPDES Number: Not reported EPA ID: Not reported Comments: Not reported Status: Active

SWEEPS UST:

Α Status: 4262 Comp Number: Number: 9

Board Of Equalization: Not reported Ref Date: 07-01-85 Act Date: Not reported Created Date: 02-29-88 Tank Status: Α

Owner Tank Id: Swrcb Tank Id: 43-000-004262-000001

07-01-85 Actv Date: Capacity: 1000

M.V. FUEL Tank Use: Sta:

**REG UNLEADED** Content:

Number Of Tanks:

4 **NIELSONS MARTINIZING DRY CLEANERS** 

SSE 230 1ST STREET 1/8-1/4 LOS ALTOS, CA 94022 0.126 mi. 663 ft.

> RCRA-SQG: Date form received by agency: 03/27/1987

Facility name: Actual:

Relative:

Higher

198 ft.

Facility address:

230 FIRST ST LOS ALTOS, CA 94022

EPA ID: CAD981985393

ENVIRONMENTAL MANAGER Contact:

NIELSENS ONE HR MARTINIZING

230 FIRST ST Contact address:

LOS ALTOS, CA 94022 US

Contact country:

1000292289

CAD981985393

RCRA-SQG

**DRYCLEANERS** 

**FINDS** 

HAZNET

EDR ID Number

S101622961

N/A

CA FID UST

**SWEEPS UST** 

Site

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

#### NIELSONS MARTINIZING DRY CLEANERS (Continued)

1000292289

Contact telephone:

(415) 949-0880 Not reported

Contact email:

09

EPA Region: 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:

KIL C KWAK

Owner/operator address:

NOT REQUIRED

NOT REQUIRED, ME 99999

Owner/operator country:

Not reported (415) 555-1212

Owner/operator telephone: Legal status:

Private

Owner/Operator Type:

Owner

Not reported

Owner/Op start date: Owner/Op end date:

Not reported

Owner/operator name:

NOT REQUIRED NOT REQUIRED

Owner/operator address:

NOT REQUIRED, ME 99999

Owner/operator country:

Not reported

Owner/operator telephone:

(415) 555-1212

Legal status:

Private

Owner/Operator Type:

Operator Not reported

Owner/Op start date: Owner/Op end date:

Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:

Unknown

Mixed waste (haz. and radioactive): Recycler of hazardous waste:

Unknown No

Transporter of hazardous waste:

No No

Treater, storer or disposer of HW: Underground injection activity:

No

On-site burner exemption: Furnace exemption:

Unknown Unknown

Used oil fuel burner: Used oil processor:

No

User oil refiner:

No No

Used oil fuel marketer to burner: Used oil Specification marketer:

No No

Used oil transfer facility:

Used oil transporter: Off-site waste receiver: No No

Commercial status unknown

Violation Status:

No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information

Site

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

## NIELSONS MARTINIZING DRY CLEANERS (Continued)

1000292289

on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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.

HAZNET:

Gepaid:

CAD981985393

Contact:

JIN C LEE

Telephone:

4159490880 Not reported

Facility Addr2: Mailing Name:

Not reported

Mailing Address: Mailing City, St, Zip:

230 1ST ST LOS ALTOS, CA 940222761

Gen County:

Santa Clara

TSD EPA ID:

CAT000613893

TSD County: Waste Category: Los Angeles Liquids with halogenated organic compounds > 1000 mg/l

Disposal Method:

Transfer Station

Tons:

3075

Facility County:

Santa Clara

Gepaid:

CAD981985393

Contact: Telephone:

JIN C LEE 4159490880 Not reported

Facility Addr2: Mailing Name:

Not reported 230 1ST ST

Mailing Address: Mailing City, St, Zip:

LOS ALTOS, CA 940222761

Gen County:

Santa Clara CAT000613893

TSD EPA ID:

TSD County:

Los Angeles Liquids with halogenated organic compounds > 1000 mg/l

Waste Category: Disposal Method:

Not reported

Tons:

.0900

Facility County:

Santa Clara

Gepaid: Contact: Telephone:

CAD981985393 JIN C LEE 4159490880 Not reported

Facility Addr2: Mailing Name: Mailing Address:

Not reported 230 1ST ST

Mailing City, St, Zip:

LOS ALTOS, CA 940222761

Gen County: TSD EPA ID: Santa Clara CAT000613950 Sacramento

TSD County:

Liquids with halogenated organic compounds > 1000 mg/l

Waste Category: Disposal Method:

Transfer Station .1800

Tons: Facility County:

Santa Clara

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

## **NIELSONS MARTINIZING DRY CLEANERS (Continued)**

1000292289

Gepaid:

Site

CAD981985393

Contact:

JIN C LEE

Telephone:

4159490880

Facility Addr2:

Not reported Not reported

Mailing Name:

230 1ST ST

Mailing Address: Mailing City, St, Zip:

LOS ALTOS, CA 940222761

Gen County: TSD EPA ID: Santa Clara

CAD981397417

TSD County:

Los Angeles

Waste Category:

Halogenated solvents (chloroform, methyl chloride, perchloroethylene,

etc.)

Disposal Method:

Recycler .1251

Tons: Facility County:

Santa Clara

Gepaid:

CAD981985393

Contact:

JIN C LEE

Telephone:

4159490880 Not reported

Facility Addr2:

Not reported

Mailing Name:

230 1ST ST

Mailing Address:

Mailing City, St, Zip:

LOS ALTOS, CA 940222761

Gen County:

Santa Clara CAT000613950

TSD EPA ID: TSD County:

Sacramento

Waste Category:

Liquids with halogenated organic compounds > 1000 mg/l

Disposal Method:

Transfer Station

Tons: Facility County: 1.3200 Santa Clara

Click this hyperlink while viewing on your computer to access 21 additional CA\_HAZNET: record(s) in the EDR Site Report.

CLEANERS:

EPA ld: CAD981985393

NAICS Code:

81232

NAICS Description:

Drycleaning and Laundry Services (except Coin-Operated)

Create Date:

7/3/1987

Facility Active:

Yes

Inactive Date:

Not reported Not reported

Facility Addr2: Mailing Name:

Not reported

Mailing Address:

230 1ST ST

Mailing Address 2:

Not reported

Mailing State:

CA

Mailing Zip:

940222761

Region Code:

Owner Name: Owner Address: JIN C LEE 230 1ST ST

Owner Address 2: Owner Telephone:

Not reported Not reported Not reported

Owner Fax Number: Contact Name:

JIN C LEE OWNER

Contact Address:

230 1ST ST

Contact Address 2: Contact Telephone: Not reported 4159490880

Site

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

## NIELSONS MARTINIZING DRY CLEANERS (Continued)

1000292289

S101622956

N/A

Contact Fax Number:

Not reported

SIC Description: 7216

Drycleaning Plants Except Rug Cleaning Garment Pressing and Agents for Laundries and Drycleaners

SIC Description: 7212 SIC Description: 7211

Power Laundries Family and Commercial

SIC Description: 7219

Laundry and Garment Services NEC (alteration and repair)

5

GERARD HOMES, INC

CA FID UST **SWEEPS UST** 

141 001ST ST

South 1/8-1/4 0.130 mi. 687 ft.

LOS ALTOS, CA 94022

Relative: Higher

Actual:

202 ft.

CA FID UST:

Facility ID:

43011951

Regulated By:

UTNKA

Regulated ID: Cortese Code:

00002575 Not reported

SIC Code: Facility Phone:

Not reported 4159414141 Not reported

Mail To: Mailing Address:

141 001ST ST Not reported

Mailing Address 2: Mailing City, St, Zip:

**LOS ALTOS 94022** 

Contact: Contact Phone: Not reported Not reported

DUNs Number:

Not reported Not reported

NPDES Number: EPA ID:

Not reported Not reported

Comments: Status:

Active

SWEEPS UST:

Status:

Α

Comp Number: Number:

2575

Board Of Equalization: 44-025700

Ref Date:

07-01-85

Act Date:

Not reported

Created Date: Tank Status:

02-29-88

Owner Tank Id:

Α

Swrcb Tank Id:

43-000-002575-000001

Actv Date: Capacity:

07-01-85 2000

Tank Use:

M.V. FUEL

Stg:

Content:

**REG UNLEADED** 

Number Of Tanks:

Map ID MAP FINDINGS Direction

Distance

Site Elevation

Database(s)

HAZNET

RCRA-LQG

EDR ID Number EPA ID Number

1007200608

CAR000030304

Α6

SSE 1/8-1/4

398 MAIN STREET LOS ALTOS, CA 94022

0.163 mi.

863 ft.

Site 1 of 6 in cluster A

Relative: Higher

HAZNET:

Gepaid:

CAR000030304

Contact:

TOM KELLY/DIRECTOR OPERATIONS

Actual: 197 ft.

Telephone: Facility Addr2: 3014793305 Not reported

Mailing Name: Mailing Address: Not reported 6711 RITZ WY

Mailing City, St, Zip: Gen County:

BELTSVILLE, MD 20705 Santa Clara

TSD EPA ID: TSD County:

CAD003963592 Santa Clara

Waste Category:

Photochemicals/photoprocessing waste

Disposal Method:

Not reported

Tons:

0.25

Facility County:

Not reported

Gepaid:

CAR000030304

Contact:

TOM KELLY/DIRECTOR OPERATIONS

Telephone: Facility Addr2: Mailing Name: Not reported

3014793305 Not reported

Mailing Address: Mailing City, St, Zip:

6711 RITZ WY BELTSVILLE, MD 20705

Gen County: TSD EPA ID:

Santa Clara CAD003963592 Santa Clara

TSD County: Waste Category:

Photochemicals/photoprocessing waste

Disposal Method:

Not reported

Tons: Facility County: 0.25 Not reported

Gepaid:

CAR000030304

Contact: Telephone: TOM KELLY/DIRECTOR OPERATIONS

Facility Addr2: Mailing Name: 3014793305 Not reported Not reported

Mailing Address: Mailing City, St, Zip: 6711 RITZ WY BELTSVILLE, MD 20705

Gen County: TSD EPA ID: Santa Clara CAD003963592

TSD County:

Santa Clara

Waste Category:

Photochemicals/photoprocessing waste

Disposal Method:

Transfer Station

Tons: Facility County: 0.25 Santa Clara

RCRA-LQG:

Date form received by agency: 10/12/2000

Facility name:

Not reported 398 MAIN STREET

Facility address:

LOS ALTOS, CA 94022

EPA ID:

CAR000030304

Mailing address:

4955 MARCONI DRIVE

#### MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

1007200608

(Continued)

Site

ALPHARETTA, GA 30005

Contact:

JAMES LEAGAN

Contact address:

Not reported Not reported Not reported

Contact country: Contact telephone:

(678) 297-9653

Telephone ext.:

8897

Contact email:

Not reported Not reported

EPA Region: Classification:

Large Quantity Generator

Description:

Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than

100 kg of that material at any time

Handler Activities Summary:

U.S. importer of hazardous waste:

Mixed waste (haz. and radioactive):

Recycler of hazardous waste:

Transporter of hazardous waste:

Treater, storer or disposer of HW:

Underground injection activity: On-site burner exemption:

Furnace exemption: Used oil fuel burner:

User oil refiner: Used oil fuel marketer to burner:

Used oil Specification marketer: Used oil transfer facility:

Used oil transporter: Off-site waste receiver:

Used oil processor: Unknown Unknown

Unknown Unknown

Unknown

Unknown

Unknown

Unknown

Unknown

Unknown

Unknown

Unknown

No

Unknown Unknown

Commercial status unknown

Violation Status:

No violations found

Α7 SSE **CHEVRON #9-1875** 401 MAIN ST LOS ALTOS, CA

1/8-1/4 0.163 mi. 863 ft.

Site 2 of 6 in cluster A

Relative: Higher

Region:

SANTA CLARA 06S2W30R05f

Actual: 197 ft.

10/1/1996

TC2243643.1s Page 13

S107995578

N/A

LUST

LUST:

SCVWD ID:

Closed Date:

Map ID MAP FINDINGS Direction Distance EDR ID Number Elevation EPA ID Number Site Database(s) CA FID UST \$101622946 91875 Α8 SSE 401 MAIN ST N/A 1/8-1/4 LOS ALTOS, CA 94022 0.163 mi.

863 ft. Site 3 of 6 in cluster A CA FID UST: Relative: 43000522 Facility ID: Higher Regulated By: UTNKA Actual: Regulated ID: 00062160 197 ft. Cortese Code: Not reported SIC Code: Not reported Facility Phone: 4159489837 Mail To: Not reported Mailing Address: 401 MAIN ST Not reported Mailing Address 2: Mailing City, St, Zip: LOS ALTOS 94022

Mailing Address: 401 MAIN ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ALTOS 94022
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

S103657495 CHEVRON #9-1875 HAZNET Α9 SSE 401 MAIN ST LUST N/A 1/8-1/4 LOS ALTOS, CA 94022 Cortese 0.163 mi. HIST LUST 863 ft. Site 4 of 6 in cluster A **SWEEPS UST** 

Relative: HAZNET:

 Higher
 Gepaid:
 CAL000029729

 Contact:
 CHERVON PRODUCTS CO

 Actual:
 Telephone:
 9258425931

197 ft. Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: SAN RAMON, CA 945830000
Gen County: Santa Clara

TSD EPA ID: CAD980887418
TSD County: 1

Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station

Tons: .6255
Facility County: Santa Clara

Gepaid: CAL000029729
Contact: CHERVON PRODUCTS CO

Telephone: 9258425931
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6004

Mailing City, St, Zip: SAN RAMON, CA 945830000

Gen County: Santa Clara
TSD EPA ID: CAD009452657
TSD County: San Mateo

Waste Category: Unspecified organic liquid mixture

Disposal Method: Recycler Tons: .7714

Site

MAP FINDINGS

Database(s)

EDR ID Number **EPA ID Number** 

S103657495

## CHEVRON #9-1875 (Continued)

Facility County:

Santa Clara

Gepaid:

CAL000029729

Contact:

CHERVON PRODUCTS CO

Telephone: Facility Addr2: 9258425931 Not reported Not reported

Mailing Name:

PO BOX 6004

Mailing Address: Mailing City, St, Zip:

SAN RAMON, CA 945830000

Gen County: TSD EPA ID: Santa Clara CAD009452657

TSD County:

San Mateo

Waste Category: Disposal Method: Unspecified organic liquid mixture

Tons:

Recycler .7923

Facility County:

Santa Clara

Gepaid:

CAL000029729 KATHY NORRIS

Contact: Telephone:

9258425931 Not reported Not reported

Facility Addr2: Mailing Name:

PO BOX 6004

Mailing Address: Mailing City,St,Zip:

SAN RAMON, CA 945830000

Gen County: TSD EPA ID: Santa Clara Not reported

TSD County:

Contra Costa

Waste Category:

Other empty containers 30 gallons or more

Disposal Method: Facility County:

Recycler

Tons:

0.3 Not reported

Gepaid:

CAL000029729

Contact:

CHERVON PRODUCTS CO 9258425931

Telephone: Facility Addr2:

Not reported

Mailing Name:

Not reported PO BOX 6004

Mailing Address: Mailing City, St, Zip:

SAN RAMON, CA 945830000

Gen County:

Santa Clara CAD009452657

TSD EPA ID: TSD County:

San Mateo

Waste Category:

Unspecified organic liquid mixture

Disposal Method:

Recycler 1.8555

Tons:

Facility County:

Santa Clara

Click this hyperlink while viewing on your computer to access 17 additional CA\_HAZNET: record(s) in the EDR Site Report.

LUST:

Region:

STATE

Case Type: Cross Street:

Soil only Not reported Not reported

Enf Type: Funding:

NOR

How Discovered:

Not reported

Site

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

## CHEVRON #9-1875 (Continued)

S103657495

How Stopped: Not reported Not reported Leak Cause: Not reported Leak Source: T0608502130 Global Id: Stop Date: Not reported Not reported Confirm Leak: Workplan: Not reported Prelim Assess: 1995-09-07 00:00:00

Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1996-10-01 00:00:00

Discover Date: Not reported
Enforcement Dt: Not reported

Release Date: 1995-11-09 00:00:00
Review Date: Not reported
Enter Date: Not reported

Enter Date: Not reported MTBE Date: Not reported GW Qualifier: Not reported Soil Qualifier: =

Max MTBE GW ppb: Not reported Max MTBE Soil ppb: Not reported County: 43

Org Name: Not reported

Reg Board: San Francisco Bay Region Status: Case Closed

Chemical: Gasoline
Contact Person: Not reported
Responsible Party: Volkmar Stephen
RP Address: PO Box 5004
Interim: Not reported

Oversight Prgm: LUST
MTBE Class: \*
MTBE Conc: 0
MTBE Fuel: 1

MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected Staff: ZSC

Staff Initials: DD
Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN

Priority: Not reported Cleanup Fund ld: Not reported Work Suspended: Not reported 06S2W30R05f Local Case #: Case Number: Not reported Not reported Qty Leaked: Abate Method: Not reported Not reported Operator:

Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0

Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Summary: Not reported

#### MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

## CHEVRON #9-1875 (Continued)

S103657495

LUST:

Site

Region:

Facility Status: Facility Id:

Case Closed Not reported

Case Number:

06\$2W30R05f

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:

9/7/1995

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

Cortese:

Region:

CORTESE

Facility Addr2:

401 MAIN ST

HIST LUST SANTA CLARA:

Region:

SANTA CLARA

SCVWD ID:

06\$2W30R05

Region Code: Oversite Agency: SCVWD

Date Listed:

1996-03-06 00:00:00

Closed Date:

1996-10-01 00:00:00

SWEEPS UST:

Status:

Α

Comp Number:

62160

Number:

Board Of Equalization: 44-031913

Ref Date:

09-17-93

Act Date:

04-01-94

Created Date:

02-29-88

Tank Status:

Owner Tank Id:

WC5524C 43-000-062160-000001

Swrcb Tank Id: Actv Date:

10-01-93

10000

Capacity:

Tank Use:

M.V. FUEL

Stg:

**REG UNLEADED** 

Content: Number Of Tanks:

Status:

Comp Number:

62160

Number:

Board Of Equalization: 44-031913 Ref Date:

09-17-93

Act Date:

04-01-94

Created Date:

02-29-88

Tank Status:

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

S103657495

## CHEVRON #9-1875 (Continued)

Owner Tank Id:

WC5524C

Swrcb Tank Id: Actv Date:

43-000-062160-000002

Capacity:

10-01-93 10000

Tank Use:

M.V. FUEL

Stg:

Site

Content:

PRM UNLEADED

Number Of Tanks:

Not reported

Status:

Comp Number:

62160

Number:

Board Of Equalization: 44-031913

Ref Date:

09-17-93

Act Date:

04-01-94

Created Date:

02-29-88

Tank Status:

Owner Tank Id:

WC5524C

Swrcb Tank Id:

43-000-062160-000003

Actv Date:

09-17-93

Capacity:

10000

Tank Use:

M.V. FUEL

Stg:

Content:

PLUS UNLEADED

Number Of Tanks: Not reported

Status:

Α

Comp Number:

62160

Number:

Board Of Equalization:

44-031913

Ref Date: Act Date:

09-17-93 04-01-94

Created Date:

02-29-88

Tank Status:

Owner Tank Id:

WC5524C

Swrcb Tank Id:

43-000-062160-000004

Actv Date: Capacity:

09-17-93

1000

Tank Use:

OIL

Stg:

W

Content: Number Of Tanks: WASTE OIL Not reported

A10 SSE

91875

401 MAIN ST

1/8-1/4

LOS ALTOS, CA 94022

0.163 mi.

Site 5 of 6 in cluster A

863 ft. Relative:

HIST UST:

Region:

STATE

Higher

Facility ID:

00000062160

Actual: 197 ft.

Facility Type:

Gas Station

Other Type:

Not reported

Total Tanks: Contact Name: 0004

RULLHAUSEN, HENRY L

Telephone:

4159489837

Owner Name:

CHEVRON U.S.A. INC.

HIST UST U001594126

N/A

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

U001594126

91875 (Continued)

Site

Owner Address:

575 MARKET

Owner City,St,Zip:

SAN FRANCISCO, CA 94105

Tank Num: Container Num:

001

Year Installed:

1969

Tank Capacity:

00010000

Tank Used for:

**PRODUCT** 

Type of Fuel: Tank Construction:

Not reported 0000250 unknown

Leak Detection:

Stock Inventor

Tank Num: Container Num: 002

Year Installed:

2 1969

Tank Capacity:

00005000

Tank Used for:

PRODUCT.

Type of Fuel:

Not reported

Tank Construction:

0000250 unknown

Leak Detection:

Stock Inventor

Tank Num:

003

Container Num:

3

Year Installed:

1969

Tank Capacity:

00010000

Tank Used for:

PRODUCT

Type of Fuel:

Not reported

Tank Construction:

0000250 unknown

Leak Detection:

Stock Inventor

Tank Num:

004

Container Num:

Year Installed: Tank Capacity: 1969 00001000

Tank Used for:

WASTE

Type of Fuel:

Not reported

Tank Construction:

0000130 unknown

Leak Detection:

Stock Inventor

A11 SSE VILLAGE CHEVRON

1/8-1/4

401 MAIN ST. LOS ALTOS, CA 94022

0.163 mi.

863 ft.

Site 6 of 6 in cluster A

Relative:

UST:

Local Agency:

43000

Higher

Facility ID:

43-000-201596

Actual: 197 ft.

TC2243643.1s Page 19

UST U004049679

N/A

Map ID MAP FINDINGS Direction

Distance Elevation

Site

Database(s)

RCRA-SQG

EDR ID Number EPA ID Number

1010562082

CAR000186619

12 SE **WALGREENS NO 7088** 

1/8-1/4 LOS ALTOS, CA 94022

0.211 mi. 1112 ft.

303 2ND ST

Relative: Higher

RCRA-SQG:

Date form received by agency: 08/20/2007

Facility name:

WALGREENS NO 7088

Actual: 194 ft.

Facility address:

303 2ND ST

LOS ALTOS, CA 94022

EPA ID: Contact: CAR000186619 ALI ANJUM

303 2ND ST

Contact address:

LOS ALTOS, CA 94022

Contact country:

US

Contact telephone:

847-914-3195 Not reported

Contact email: 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:

**WALGREENS** 

Owner/operator address:

Not reported Not reported

Owner/operator country: Owner/operator telephone: Not reported

Legal status:

Not reported Private

Owner/Operator Type:

Operator

Owner/Op start date: Owner/Op end date:

06/20/2003 Not reported

Owner/operator name:

**WALGREENS** Owner/operator address:

Not reported

Not reported

Owner/operator country:

Not reported

Owner/operator telephone: Legal status:

Not reported Private

Owner/Operator Type:

Owner

Owner/Op start date:

06/20/2003

Owner/Op end date:

Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Mixed waste (haz. and radioactive):

No

Recycler of hazardous waste:

No

Transporter of hazardous waste:

No No

Treater, storer or disposer of HW:

No

Underground injection activity: On-site burner exemption:

No No

Furnace exemption:

Nο

Used oil fuel burner:

No

Used oil processor:

No

Site

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

1010562082

S103880891

N/A

LUST

Cortese

HIST LUST

WALGREENS NO 7088 (Continued)

No User oil refiner:

Used oil fuel marketer to burner:

Used oil Specification marketer: Used oil transfer facility:

Used oil transporter:

Off-site waste receiver:

No Commercial status unknown

Hazardous Waste Summary:

Waste code:

D011

Waste name:

SILVER

Violation Status:

No violations found

Νo

No

No

13 ENE 1/4-1/2 SHELL (FORMER) 45 MAIN ST

LOS ALTOS, CA 94022

0.265 mi. 1400 ft.

Relative: Lower

178 ft.

LUST:

Region:

STATE

Actual:

Case Type: Soil only Cross Street: Not reported Not reported

Enf Type: Funding:

NOR

How Discovered:

Not reported Not reported

How Stopped: Leak Cause:

Not reported

Leak Source: Global Id:

Not reported T0608500089

Stop Date:

Not reported

Confirm Leak:

Not reported

Workplan:

Not reported

Prelim Assess: Pollution Char: 1992-06-01 00:00:00

Remed Plan:

Not reported Not reported

Remed Action:

Not reported

Monitoring:

Not reported

Close Date: Discover Date: 1992-08-27 00:00:00 Not reported

Enforcement Dt:

Not reported

Release Date:

1992-02-04 00:00:00

Review Date: Enter Date:

Not reported

MTBE Date:

Not reported Not reported

Not reported

GW Qualifier:

Soil Qualifier:

Not reported

Max MTBE GW ppb: Not reported Max MTBE Soil ppb: Not reported

County:

43

Org Name:

Not reported

Reg Board:

San Francisco Bay Region

Status: Chemical: Case Closed

Contact Person:

Gasoline

Responsible Party:

Not reported

RP Address:

Alex Perez P.O. Box 4023

Interim:

Not reported

Site

#### MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

## SHELL (FORMER) (Continued)

S103880891

Oversight Prgm: LUST MTBE Class: 0 MTBE Conc: MTBE Fuel:

MTBE Tested:

MTBE Detected. Site tested for MTBE and MTBE detected ZSC Staff:

Staff Initials:

Lead Agency: Local Agency Local Agency: 43099L Hydr Basin #: Not reported

Beneficial: MUN Priority: Not reported

Cleanup Fund Id: Not reported Work Suspended: Not reported Local Case #: 06S2W30J01f Case Number: Not reported Qty Leaked: Not reported Abate Method: Not reported Not reported Operator:

Water System Name: Not reported Well Name: Not reported

Distance To Lust:

Waste Discharge Global ID: Not reported Waste Disch Assigned Name: Not reported

Summary: Not reported

#### LUST:

Region:

Facility Status: Case Closed Facility Id: Not reported Case Number: 06S2W30J01f 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: 6/1/1992 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

Cortese:

Region: CORTESE Facility Addr2: 45 MAIN ST

HIST LUST SANTA CLARA:

SANTA CLARA Region: SCVWD ID: 06S2W30J01

Region Code:

Oversite Agency: SCVWD Date Listed:

1992-05-06 00:00:00 1992-08-27 00:00:00 Closed Date:

Map ID	MAP FINDINGS
Direction	4 state and the control of the contr
Distance	

 Distance
 EDR ID Number

 Elevation
 Site
 Database(s)
 EPA ID Number

B14 HON RESIDENCE LUST \$103474330 SSE 386 UNIVERSITY AVE HIST LUST N/A 1/4-1/2 LOS ALTOS, CA 94022 SWEEPS UST

1/4-1/2 LOS ALTOS, CA 94022 0.286 mi.

1512 ft. Site 1 of 2 in cluster B

Relative: LUS Higher R

Actual:

LUST:
Region: STATE
Case Type: Soil only
Cross Street: Not reported

209 ft. Enf Type: Not reported Funding: Not reported How Discovered: Not reported How Stopped: Not reported Leak Cause: Not reported

Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0608501780
Stop Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported

Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported

Monitoring: Not reported

Close Date: 1995-10-10 00:00:00
Discover Date: Not reported

Enforcement Dt: Not reported Release Date: 1993-01-01 00:00:00

Release Date: 1993-01-01 00:
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported

County: 43
Org Name: Not reported

Reg Board: San Francisco Bay Region

Status: Case Closed Chemical: 2

Contact Person: Not reported

Responsible Party: Christie Hon
RP Address: 386 University Ave
Interim: Not reported

Oversight Prgm: LUST
MTBE Class: \*
MTBE Conc: 0
MTBE Fuel: 0

MTBE Tested: Not Required to be Tested.

Staff: ZSC Staff Initials: GG

Lead Agency: Local Agency
Local Agency: 43099L
Hydr Basin #: Not reported
Beneficial: MUN

Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported

Site

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

S103474330

## HON RESIDENCE (Continued)

Local Case #: 06S2W30R03f Case Number: Not reported Qty Leaked: Not reported Abate Method: Not reported Operator: Not reported Water System Name: Not reported

Well Name:

Not reported

Distance To Lust:

Waste Discharge Global ID: Not reported Waste Disch Assigned Name: Not reported

Summary:

Not reported

## LUST:

Region:

Facility Status: Case Closed Facility Id: Not reported 06S2W30R03f Case Number: How Discovered: Not reported Leak Cause: Not reported Not reported Leak Source: Date Leak Confirmed: Not reported

LUST

Oversight Program: Prelim. Site Assesment Wokplan Submitted: Not reported Not reported Preliminary Site Assesment Began: Pollution Characterization Began: Not reported Pollution Remediation Plan Submitted: Not reported Not reported Date Remediation Action Underway: Date Post Remedial Action Monitoring Began: Not reported

#### HIST LUST SANTA CLARA:

Region: SCVWD ID: SANTA CLARA 06S2W30R03

Region Code:

Oversite Agency: SCVWD

1994-04-20 00:00:00 Date Listed: Closed Date: 1995-10-10 00:00:00

## SWEEPS UST:

Not reported Status: Comp Number: 9494 Number: Not reported Board Of Equalization: 44-035726 Not reported Ref Date:

Act Date: Not reported Created Date: Not reported Not reported Tank Status: Owner Tank Id: Not reported

Swrcb Tank Id: 43-000-009494-000001

Actv Date: Not reported Capacity: 550 Tank Use: OIL PRODUCT Stg: Content: HEATING OIL

Number Of Tanks: