
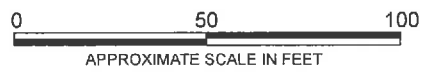
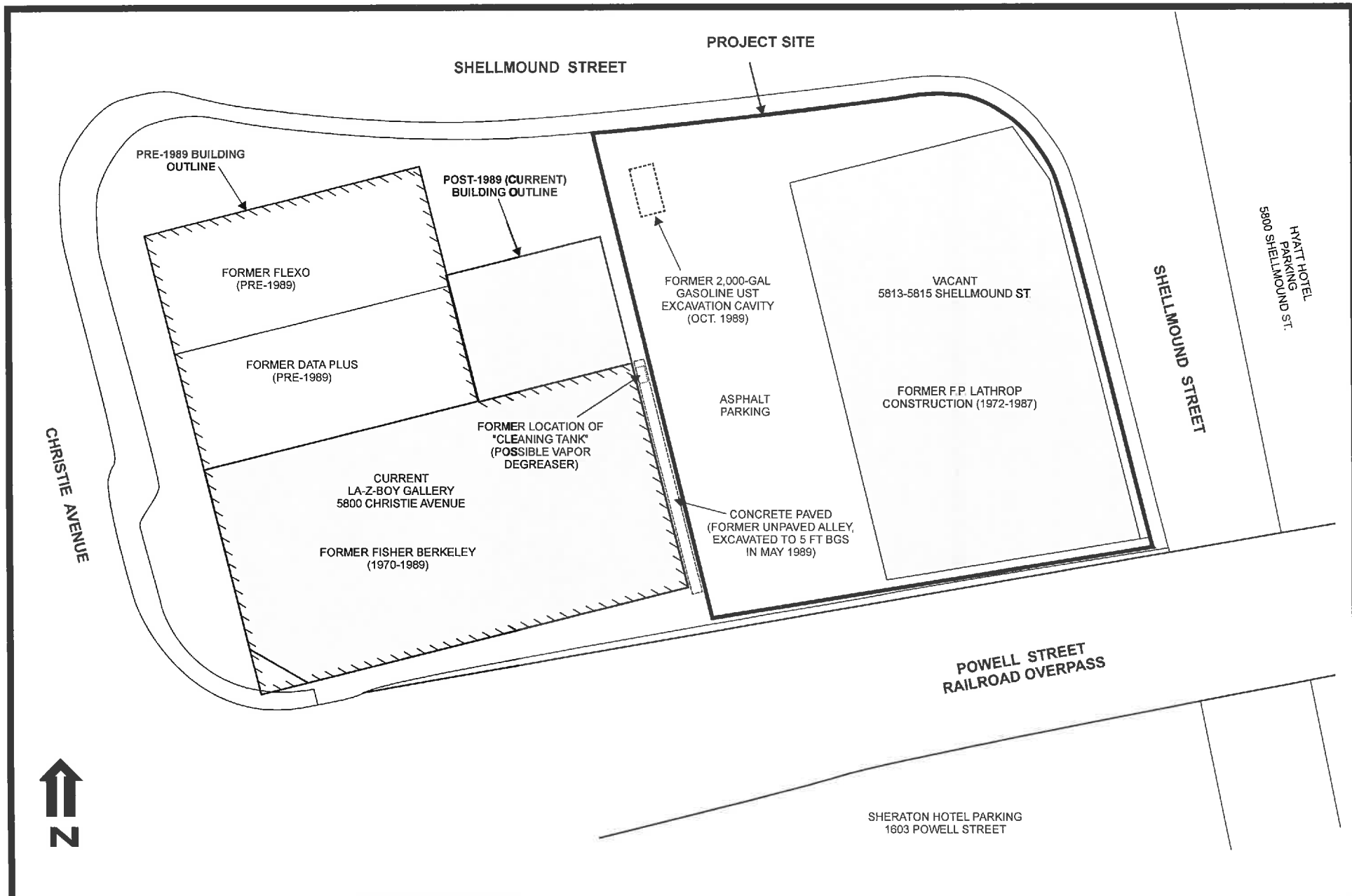
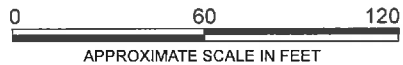
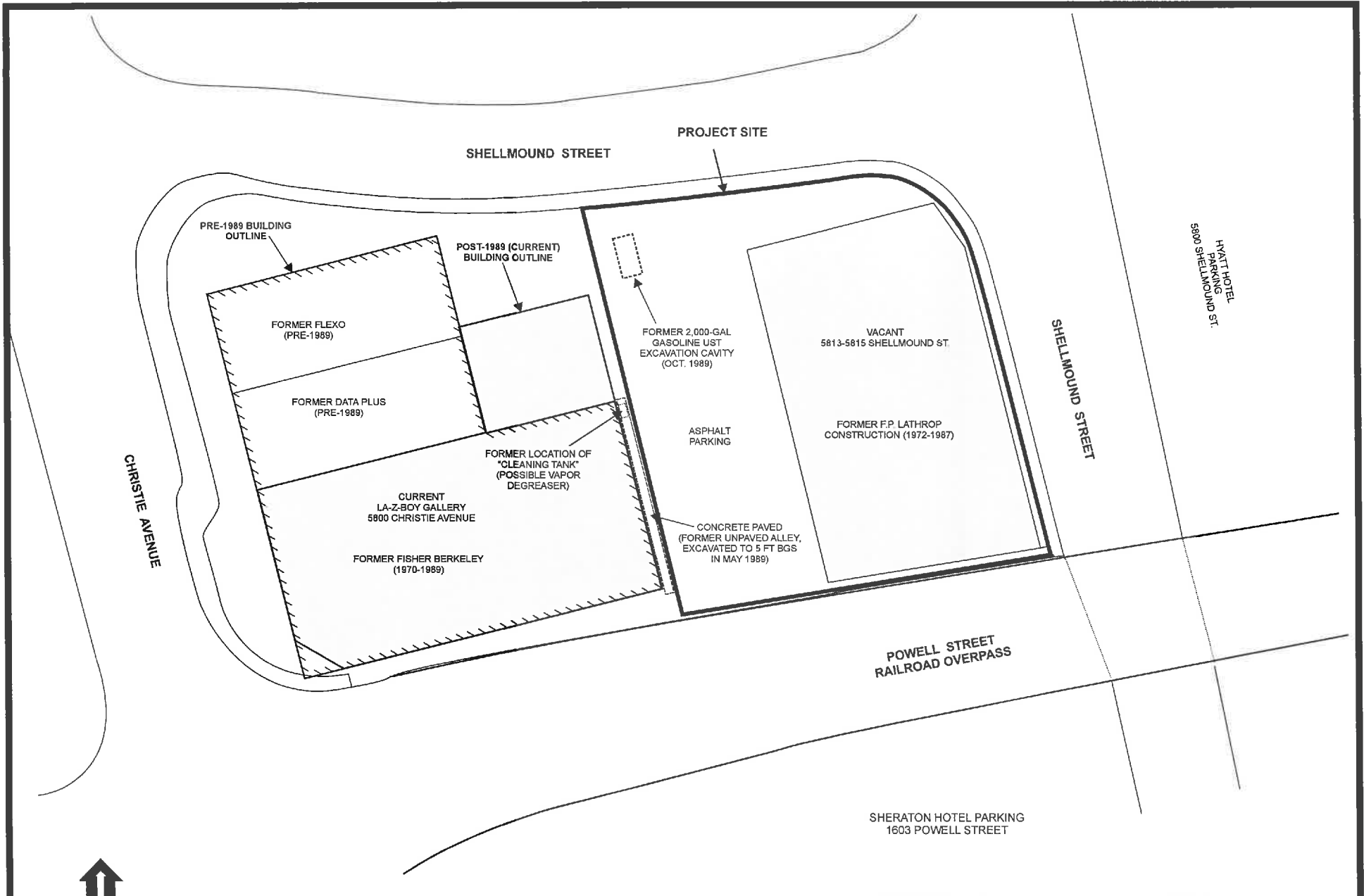


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DESIGNED BY:	CHECKED BY: JEG	<b>SITE VICINITY MAP</b>  5613-5815 SHELLMOUND STREET EMERYVILLE, CALIFORNIA	DATE: 06/13/2018	FIGURE: 1
DRAWN BY: JEG	SCALE:			
PROJECT NO:				

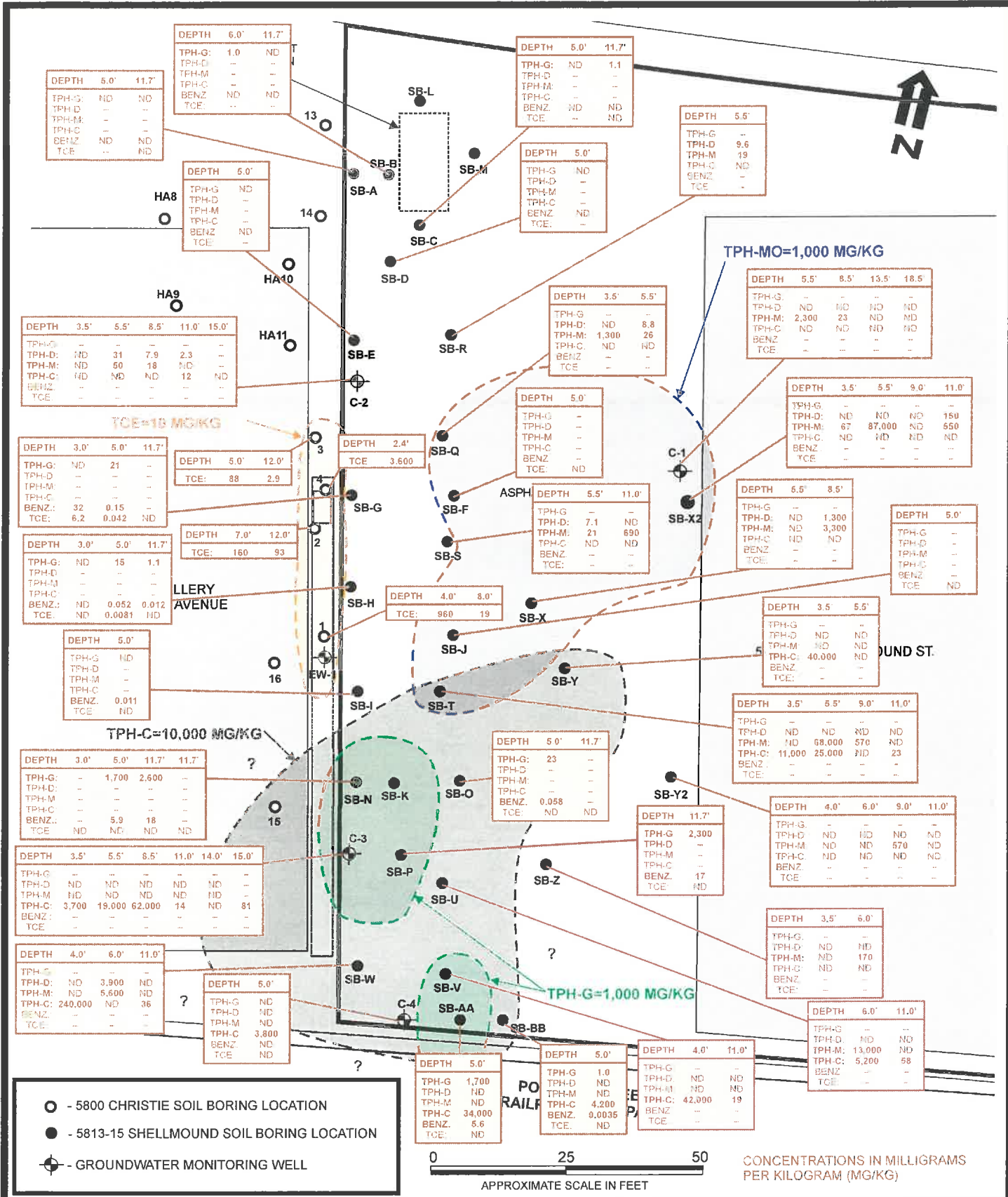


DESIGNED BY:	CHECKED BY: JEG	<b>SITE PLAN</b>	DATE: 06/13/2018	FIGURE: 2
DRAWN BY: JEG	SCALE:			
PROJECT NO:				



DESIGNED BY:	CHECKED BY: JEG	<b>SITE PLAN</b>	DATE: 06/13/2018	FIGURE: 3
DRAWN BY: JEG	SCALE:			
PROJECT NO:	5613-5815 SHELLMOUND STREET EMERYVILLE, CALIFORNIA			





DESIGNED BY:	CHECKED BY: JEG
DRAWN BY: JEG	SCALE:
PROJECT NO:	

**HISTORIC (PRE-1995)  
SOIL HYDROCARBON RESULTS**

5613-5815 SHELLMOUND STREET  
EMERYVILLE, CALIFORNIA

DATE: 06/13/2018	FIGURE: 4
<b>GRIBI</b>	

FORMER UST  
EXCAVATION  
CAVITY



DATE	7/3/1997	3/31/1998	10/19/1998	6/20/2017	10/13/2017
GW DEPTH	4.91	3.79	4.96	3.98	4.64
GW ELEV.	94.31	95.43	94.26	95.24	94.57
TPH-G	<50	<50	<50	<50	<50
TPH-D	1,000	300	210	<50	980
TPH-MO	1,200	<500	<500	1,100	<100
TPH-CR:	<500	700	530	<10	<10
B	1.1	0.72	1.1	<0.5	<0.5
T	<0.5	<0.5	<0.5	<0.5	<0.5
E	1.4	<0.5	2.1	<0.5	<0.5
X	<0.5	<0.5	<0.5	<1.0	<1.0
MTBE	<2.0	<2.5	NA	<1.0	<1.0
1,2,5-TMB	NA	NA	NA	<1.0	<1.0
1,2,4-TMB	NA	NA	NA	<1.0	<1.0
OTHER VOCs	NA	NA	NA	ND	ND
NAPHTH	<10	<5.0	<5.0	<5.0	<5.0
ACENAPHTHE	<10	<5.0	<5.0	<10	<10
ACENAPHTHY	<10	<5.0	<5.0	<10	<10
FLUORANTH	<10	<5.0	<5.0	<10	<5.0
FLUORENE	<10	<5.0	<5.0	<10	<10
PHENANTH	<10	<5.0	<5.0	<10	<10

DATE	7/3/1997	3/31/1998	10/19/1998	6/20/2017	10/13/2017
GW DEPTH	5.67	4.52	5.69	NA	NA
GW ELEV.	94.33	95.48	94.31	NA	NA
TPH-G	<50	<50	89	NA	NA
TPH-D	2,600	260	2,900	NA	NA
TPH-MO	3,900	<500	2,700	NA	NA
TPH-CR:	<2,000	530	7,200	NA	NA
B	<0.5	<0.5	<0.5	NA	NA
T	<0.5	<0.5	0.85	NA	NA
E	<0.5	<0.5	<0.5	NA	NA
X	<0.5	<0.5	1.8	NA	NA
MTBE	<2.0	<2.5	NA	NA	NA
1,2,5-TMB	NA	NA	NA	NA	NA
1,2,4-TMB	NA	NA	NA	NA	NA
OTHER VOCs	NA	NA	NA	NA	NA
NAPHTH	<20	<5.0	<5.0	NA	NA
ACENAPHTHE	<20	<5.0	<5.0	NA	NA
ACENAPHTHY	<20	<5.0	<5.0	NA	NA
FLUORANTH	<20	<5.0	<5.0	NA	NA
FLUORENE	<20	<5.0	<5.0	NA	NA
PHENANTH	<20	<5.0	<5.0	NA	NA

DATE	7/18/1997	1/14/1998	2017
GW DEPTH	-	5.50	NA
GW ELEV.	-	-	NA
TPH-G	2,390	10,200	NA
TPH-D	-	-	NA
TPH-MO	-	-	NA
TPH-CR	-	-	NA
B	<1.0	6.0	NA
T	1,210	3,590	NA
E	<1.0	13	NA
X	17	111	NA
MTBE	<5.0	24	NA
1,2,5-TMB	NA	NA	NA
1,2,4-TMB	NA	NA	NA
OTHER VOCs	NA	NA	NA
NAPHTH	<5.0	<5.0	NA
ACENAPHTHE	<5.0	<5.0	NA
ACENAPHTHY	<5.0	<5.0	NA
FLUORANTH	<5.0	<5.0	NA
FLUORENE	<5.0	<5.0	NA
PHENANTH	<5.0	<5.0	NA

DATE	7/3/1997	3/31/1998	10/19/1998	6/20/2017	10/13/2017
GW DEPTH	6.31	4.84	6.36	NA	5.49
GW ELEV.	92.93	94.40	92.88	NA	93.75
TPH-G	21,000	16,000	9,100	NA	1,600
TPH-D	<500	7,500	7,300	NA	30,000
TPH-MO	<5,000	1,800	NA	NA	<100
TPH-CR:	26,000	11,000	19,000	NA	1,100
B	1,400	1,500	1,300	NA	640
T	160	280	150	NA	63
E	300	240	250	NA	320
X	200	250	110	NA	168
MTBE	<200	<250	NA	NA	<5.0
1,2,5-TMB	NA	NA	NA	NA	7.5
1,2,4-TMB	NA	NA	NA	NA	26
OTHER VOCs	NA	NA	NA	NA	ND
NAPHTH	16,000	8,000	8,300	NA	7,980
ACENAPHTHE	2,400	320	810	NA	317
ACENAPHTHY	520	600	370	NA	12.3
FLUORANTH	2,900	<250	<200	NA	15.9
FLUORENE	670	<250	<200	NA	54.5
PHENANTH	4,700	<250	380	NA	108

GROUNDWATER ELEVATION  
GRADIENT 1990-1998  
(24 EVENTS)



VACANT  
5813-5815 SHELLMOUND ST.

1997/1998 TPH-C=10,000 UG/L  
NAPHTH=1,000 UG/L

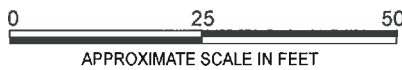
DATE	7/18/1997	1/14/1998	2017
GW DEPTH	-	6.50	NA
GW ELEV.	-	-	NA
TPH-G	2,490	7,250	NA
TPH-D	-	-	NA
TPH-MO	-	-	NA
TPH-CR	-	-	NA
B	583	727	NA
T	79	136	NA
E	29	341	NA
X	169	173	NA
MTBE	<5.0	<5.0	NA
1,2,5-TMB	NA	NA	NA
1,2,4-TMB	NA	NA	NA
OTHER VOCs	NA	NA	NA
NAPHTH	<5.0	16,000	NA
ACENAPHTHE	370	380	NA
ACENAPHTHY	70	430	NA
FLUORANTH	<5.0	<5.0	NA
FLUORENE	70	<5.0	NA
PHENANTH	<5.0	190	NA

1997/1998 BENZENE=100 UG/L

2017 TPH-CR=1,000 UG/L  
& BENZENE=100 UG/L

DATE	7/3/1997	3/31/1998	10/19/1998	6/20/2017	10/13/2017
GW DEPTH	6.52	4.69	6.53	4.17	5.82
GW ELEV.	92.12	93.95	92.12	94.47	92.82
TPH-G	6,800	3,700	3,700	<50	<50
TPH-D	<500	3,800	3,800	2,600	4,300
TPH-MO	<5,000	1,100	1,100	640	<100
TPH-CR:	16,000	5,400	5,400	447	440
B	470	210	210	24	31
T	12	26	26	<0.5	0.85
E	140	96	96	14	10
X	74	84	64	10.4	7.1
MTBE	<40	<50	<50	<1.0	<1.0
1,2,5-TMB	NA	NA	NA	2.0	1.2
1,2,4-TMB	NA	NA	NA	5.5	2.5
OTHER VOCs	NA	NA	NA	ND	ND
NAPHTH	5,400	3,200	3,500	144	181
ACENAPHTHE	680	290	500	87.4	133
ACENAPHTHY	96	<100	<100	<10	<10
FLUORANTH	790	<100	<100	<10	5.68
FLUORENE	140	<100	310	16.6	19.2
PHENANTH	1,100	140	230	26.1	32.6

GROUNDWATER MONITORING WELL



CONCENTRATIONS IN MICROGRAMS  
PER LITER (UG/L).

DESIGNED BY:

CHECKED BY: JEG

GROUNDWATER HYDROCARBON  
RESULTS

DATE: 06/13/2018

FIGURE: 5

DRAWN BY: JEG

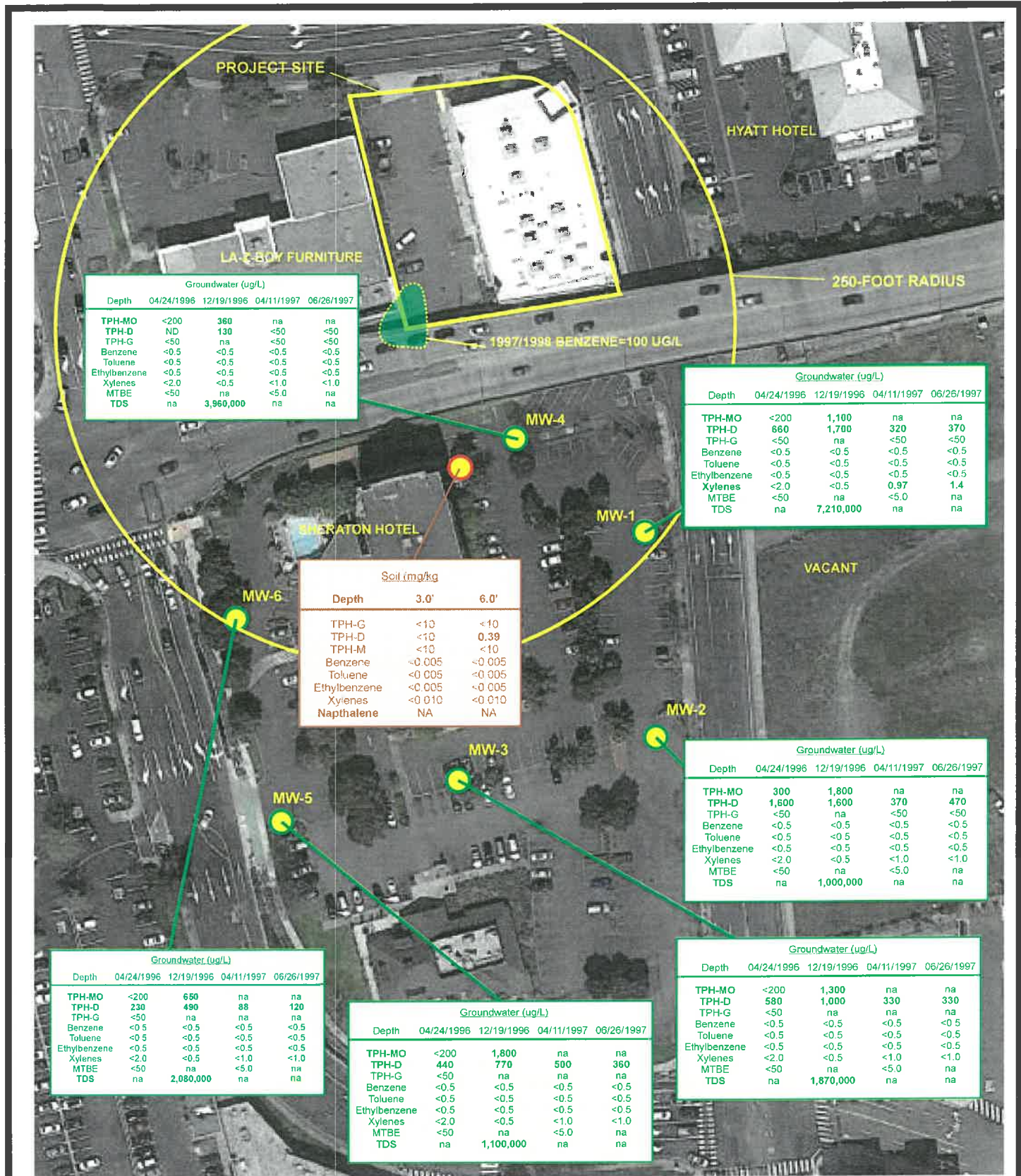
SCALE:

5613-5815 SHELLMOUND STREET  
EMERYVILLE, CALIFORNIA

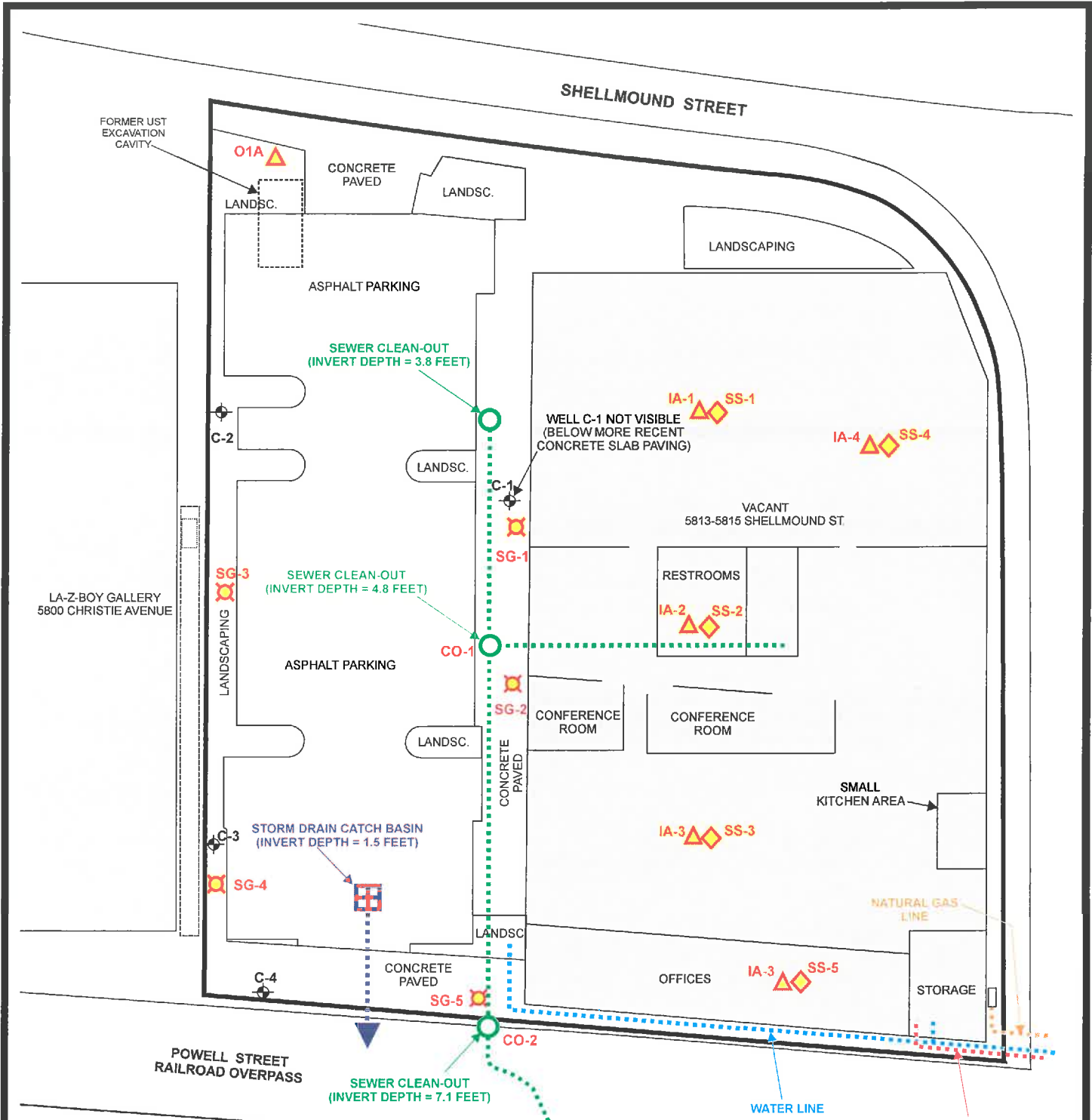


PROJECT NO:

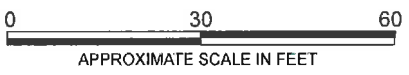




DESIGNED BY:	CHECKED BY: JEG	<b>HISTORIC DOWNGRAIDENT GROUNDWATER HYDROCARBON RESULTS</b>  5613-5815 SHELLMOUND STREET EMERYVILLE, CALIFORNIA	DATE: 06/13/2018	FIGURE: 6
DRAWN BY: JEG	SCALE:			
PROJECT NO:				

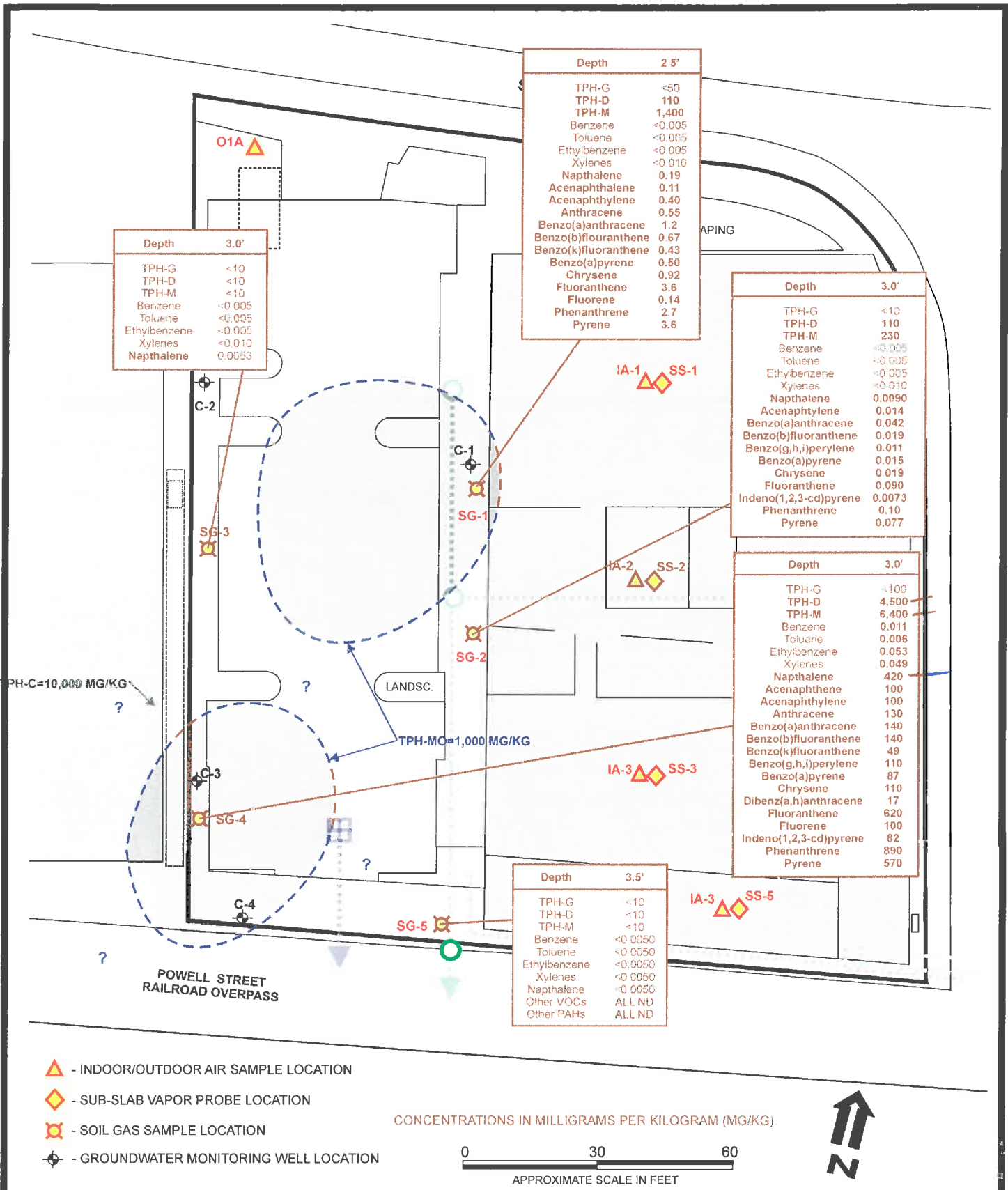


- ▲ - INDOOR/OUTDOOR AIR SAMPLE LOCATION
- ◆ - SUB-SLAB VAPOR PROBE LOCATION
- - SOIL GAS SAMPLE LOCATION
- ⊕ - GROUNDWATER MONITORING WELL LOCATION



DESIGNED BY:	CHECKED BY: JEG	<b>VAPOR SAMPLE &amp; SUBSURFACE UTILITY LOCATIONS</b>  5813-5815 SHELLMOUND STREET EMERYVILLE, CALIFORNIA	DATE: 06/13/2018	FIGURE: 7
DRAWN BY: JEG	SCALE:			
PROJECT NO:				





DESIGNED BY:	CHECKED BY: JEG	<b>RESULTS OF SOIL SAMPLING</b>	DATE: 06/13/2018	FIGURE: 8
DRAWN BY: JEG	SCALE:		<b>GRIBI</b>	
PROJECT NO:				
		5613-5815 SHELLMOUND STREET EMERYVILLE, CALIFORNIA		

SHELLMOUND STREET

HVAC on 5/25



Depth	2-3'
Date	2/14/2018
Benzene	<0.14
Toluene	<0.14
Ethylbenzene	<0.14
Xylenes	<0.285
Naphthalene	<2.0
TCE	29
Tetrachloroethene	25
Tetrahydrofuran	4.4
Acetone	13
Methane (%)	<0.00000059
Chloroform	11

Depth	0.5'	0.5'
Date	2/14/2018	5/25/2018
Benzene	<3.3	<0.14
Toluene	<3.5	25
Ethylbenzene	<4.4	<0.14
Xylenes	<8.8	<0.20
Naphthalene	<2.0	<2.0
TCE	<5.5	7.7
Tetrahydrofuran	<3.0	19
Acetone	<12	94
Methane (%)	0.0000031	<0.00000052

Depth	0.5'	0.5'
Date	2/14/2018	5/25/2018
Benzene	<0.14	<3.3
Toluene	<0.14	<3.5
Ethylbenzene	<0.14	<4.4
Xylenes	7.8	<8.8
Naphthalene	<2.0	<2.0
TCE	<0.21	55
PCE	<0.21	35
Tetrahydrofuran	34	<3.0
Acetone	70	<12
Methane (%)	<0.00000055	<0.00000055
1,2,4-Trimethylbenzene	11	<5.0

Depth	2-3'	2-3'
Type	Grab	Passive
Benzene	<3.3	<29
Toluene	<3.5	<5.2
Ethylbenzene	<4.4	<3.8
Xylenes	<8.8	<3.9
Naphthalene	<2.0	<3.6
TCE	<5.5	<6.2
PCE	40	<4.1
Tetrahydrofuran	<3.0	<3.0
Acetone	19	<50

Depth	0.5'	0.5'
Date	2/14/2018	5/25/2018
Benzene	<4.9	<3.3
Toluene	<11	<3.5
Ethylbenzene	<10	<4.4
Xylenes	<15	<8.8
Naphthalene	<2.0	<2.0
TCE	<8.7	<5.5
Tetrahydrofuran	67	<3.0
Acetone	<17	<12
Methane (%)	0.0037	0.0015
Chloroform	<230	33
Cyclohexane	350	360
Heptane	<210	29
Hexane	<180	270

Depth	2-3'
Date	2/14/2018
Benzene	7.1
Toluene	7.3
Ethylbenzene	7.6
Xylenes	24.6
Naphthalene	<2.0
TCE	27
Tetrahydrofuran	<3.0
Acetone	13
Chloroform	7.2
Cyclohexane	170
Heptane	160
Hexane	150
Methane (%)	0.0078

Depth	3-4'
Date	5/30/2018
Benzene	3.3
Toluene	<3.8
Ethylbenzene	<4.4
Xylenes	<8.8
Naphthalene	<2.0
TCE	<5.5
PCE	140
Tetrahydrofuran	<3.0
Acetone	<12
Methane (%)	<0.0000060
Carbon Disulfide	88
Chloroform	84
Cyclohexane	6.8

Depth	0.5'	0.5'
Date	2/14/2018	5/25/2018
Benzene	<0.14	<3.3
Toluene	<0.14	<3.5
Ethylbenzene	<0.14	<4.4
Xylenes	32	<8.8
Naphthalene	<2.0	<2.0
TCE	<5.5	32
Tetrahydrofuran	16	<3.0
Acetone	89	<12
Methane (%)	0.0000048	0.0000019
4-Ethyltoluene	40	<5.0
1,3,5-Trimethylbenzene	220	<5.0
1,2,4-Trimethylbenzene	450	<5.0

Depth	2-3'
Date	2/14/2018
Benzene	32
Toluene	<11
Ethylbenzene	46
Xylenes	<15
Naphthalene	1,100
TCE	390
Cis-1,2-DCE	250
Vinyl Chloride	200
Tetrahydrofuran	<15
Acetone	<17
Cyclohexane	290
Hexane	870
Methane (%)	

Depth	2-3'	2-3'
Type	Grab	Passive
Benzene	<3.3	<29
Toluene	<3.5	<5.2
Ethylbenzene	<4.4	<3.8
Xylenes	<8.8	<3.9
Naphthalene	<2.0	<3.6
TCE	<5.5	<6.2
PCE	12	<4.1
Tetrahydrofuran	<3.0	<3.0
Acetone	14	<50

Depth	0.5'	0.5'
Date	2/14/2018	5/25/2018
Benzene	<0.14	<3.3
Toluene	<0.14	<3.5
Ethylbenzene	<0.14	<4.4
Xylenes	58	<8.8
Naphthalene	<2.0	<2.0
TCE	<0.21	5.9
Tetrahydrofuran	25	<3.0
Acetone	100	25
Methane (%)	<0.0000055%	0.0000057
4-Ethyltoluene	11	<5.0
1,3,5-Trimethylbenzene	48	<5.0
1,2,4-Trimethylbenzene	150	<5.0
2-Butanone	29	<15.0

- INDOOR/OUTDOOR AIR SAMPLE LOCATION
- SUB-SLAB VAPOR PROBE LOCATION
- SOIL GAS SAMPLE LOCATION
- GROUNDWATER MONITORING WELL LOCATION

0 30  
APPROXIMATE SCALE IN FEET

CONCENTRATIONS IN MICROGRAMS PER CUBIC METER (UG/M<sup>3</sup>).

DESIGNED BY:

CHECKED BY: JEG

RESULTS OF SUB-SLAB VAPOR, SOIL GAS & SEWER VAPOR SAMPLING

DATE: 06/13/2018

FIGURE: 9

DRAWN BY: JEG

SCALE:

PROJECT NO:

5613-5815 SHELLMOUND STREET  
EMERYVILLE, CALIFORNIA



SHELLMOUND STREET



O1A

Date	2/12/2018	5/18/2018
Benzene	<0.14	2.8
Toluene	<0.14	3.0
Ethylbenzene	<0.14	<0.14
Xylenes	<0.285	<0.285
TCE	<0.21	<0.21
Tetrahydrofuran	<0.25	<0.25
Acetone	9.8	<0.49

Date	2/12/2018	5/18/2018
Benzene	<0.14	<0.14
Toluene	<0.14	2.0
Ethylbenzene	<0.14	<0.14
Xylenes	<0.285	<0.285
TCE	<0.21	<0.21
Tetrahydrofuran	<0.25	<0.25
Acetone	14	48

Date	2/12/2018	5/18/2018
Benzene	<0.14	<0.14
Toluene	<0.14	<0.14
Ethylbenzene	<0.14	<0.14
Xylenes	<0.285	<0.285
TCE	<0.21	<0.21
Tetrahydrofuran	<0.25	<0.25
Acetone	11	<0.49

Date	2/12/2018	5/18/2018
Benzene	<0.14	<0.14
Toluene	<0.14	1.5
Ethylbenzene	<0.14	<0.14
Xylenes	<0.285	<0.285
TCE	<0.21	<0.21
Tetrahydrofuran	<0.25	<0.25
Acetone	11	<0.49

Date	2/12/2018	5/18/2018
Benzene	<0.14	<0.14
Toluene	<0.14	<0.14
Ethylbenzene	<0.14	<0.14
Xylenes	<0.285	<0.285
TCE	<0.21	<0.21
Tetrahydrofuran	<0.25	<0.25
Acetone	14	<0.49

Date	2/12/2018	5/18/2018
Benzene	<0.14	<0.14
Toluene	<0.14	<0.14
Ethylbenzene	<0.14	<0.14
Xylenes	<0.285	<0.285
TCE	<0.21	1.6
Tetrahydrofuran	<0.25	<0.25
Acetone	12	16

C-2

C-1

C-3

C-4

ASPHALT PARKING

POWELL STREET RAILROAD OVERPASS

SG-3

SG-1

SG-2

SG-4

IA-1 SS-1

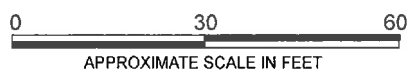
IA-4 SS-4

IA-2 SS-2

IA-3 SS-3

IA-5 SS-5

- INDOOR/OUTDOOR AIR SAMPLE LOCATION
- SUB-SLAB VAPOR PROBE LOCATION
- SOIL GAS SAMPLE LOCATION
- GROUNDWATER MONITORING WELL LOCATION



CONCENTRATIONS IN MICROGRAMS PER CUBIC METER (UG/M<sup>3</sup>).

DESIGNED BY:	CHECKED BY: JEG
DRAWN BY: JEG	SCALE:
PROJECT NO:	

**RESULTS OF INDOOR AIR SAMPLING,**

5613-5815 SHELLMOUND STREET  
EMERYVILLE, CALIFORNIA

DATE: 06/13/2018	FIGURE: 10
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**Table 1**  
**SOIL LABORATORY ANALYTICAL RESULTS**  
 Park-Goldsmith Lathrop

Sample ID	Sample Date	Sample Depth	Soil Concentration, in milligrams per kilogram (mg/kg)									
			TPH-G	TPH-D	TPH-M	B	T	E	X	OTHER VOCs	Naphth	OTHER PNAC
SG-1-2.5	12/23/2018	2.5 feet	<50	110	1,400	<0.005	<0.005	<0.005	<0.010	All ND	0.19	Acenaphthene = 0.110 Acenaphthylene = 0.400 Anthracene = 0.55 Benzo (a) anthracene = 1.2 Benzo (b) fluoranthene = 0.67 Benzo (k) fluoranthene = 0.43 Benzo (a) pyrene = 0.50 Chrysene = 0.92 Fluoranthene = 3.6 Fluorene = 0.14 Phenanthrene = 2.7 Pyrene = 3.6
SG-2-3.0	12/23/2018	3.0 feet	<10	52	230	<0.005	<0.005	<0.005	<0.005	All ND	0.0090	Acenaphthylene = 0.014 Benzo (a) anthracene = 0.042 Benzo (b) fluoranthene = 0.019 Benzo (g,h,i) perylene = 0.011 Benzo (a) pyrene = 0.015 Chrysene = 0.019 Fluoranthene = 0.090 Indeno (1,2,3-cd) pyrene = 0.0073 Phenanthrene = 0.100 Pyrene = 0.077
SG-3-3.0	12/23/2018	3.0 feet	<10	<10	<10	<0.005	<0.005	<0.005	<0.005	All ND	0.0053	All ND
SG-4-2.5	12/23/2018	2.5 feet	<100	4,500	6,400	0.011	0.006	0.053	0.049	Isopropylbenzene = 0.0068 1,3,5-Trimethylbenzene = 0.012 1,2,4-Trimethylbenzene = 0.034	420	Acenaphthene = 100 Acenaphthylene = 100 Anthracene = 130 Benzo (a) anthracene = 140 Benzo (b) fluoranthene = 140 Benzo (k) fluoranthene = 49 Benzo (g,h,i) perylene = 110 Benzo (a) pyrene = 87 Chrysene = 110 Dibenz (a,h) anthracene = 17 Fluoranthene = 620 Fluorene = 100 Indeno (1,2,3-cd) pyrene = 82 Phenanthrene = 890 Pyrene = 570

Table 1 SOIL LABORATORY ANALYTICAL RESULTS Park-Goldsmith Lathrop												
Sample ID	Sample Date	Sample Depth	Soil Concentration, in milligrams per kilogram (mg/kg)									
			TPH-G	TPH-D	TPH-M	B	T	E	X	OTHER VOCs	Naphth	OTHER PNAC
SG-5-3.5	5/30/2018	3.5 feet	<10	<10	<10	<0.005	<0.005	<0.005	<0.005	All NS	<0.0050	All ND
ESL (Shallow soil, commercial land use)			3,900	1,100	11,000	1.0	4,600	22	3,400	Isopropylbenzene = NL 1,3,5-Trimethylbenzene = NL 1,2,4-Trimethylbenzene = NL	8.2	Acenaphthene = 45,000 Acenaphthylene = NL Anthracene = 23,000 Benzo (a) anthracene = 2.9 Benzo (b) fluoranthene = 2.9 Benzo (k) fluoranthene = 29 Benzo (g,h,i) perylene = NL Benzo (a) pyrene = 0.29 Chrysene = 260 Dibenz (a,h) anthracene = 0.29 Fluoranthene = 30,000 Fluorene = 30,000 Indeno (1,2,3-cd) pyrene = 2.9 Phenanthrene = NL Pyrene = 23,000

**Table Notes**

TPH-G = Total Petroleum Hydrocarbons as Gasoline

TPH-D = Total Petroleum Hydrocarbons as Diesel

TPH-M = Total Petroleum Hydrocarbons as Motor Oil

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

Other VOCs = Includes approximately 50 additional VOC compounds (excluding BTEX constituents)

Naphth = Naphthalene

Other PNAss = Includes approximately 15 additional PNA compounds (excluding Naphthalene)

<0.5 = Not detected above the expressed detection level.

ND = Not detected.

All ND = No detectable concentrations of full list of constituents

ESL = Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, February 2016, Rev 3.

**Table 2**  
**INDOOR AIR, SUB-SLAB VAPOR, AND SOIL GAS LABORATORY ANALYTICAL RESULTS**  
 Park-Goldsmith Lathrop

Sample ID	Sample Depth	Sample Date	B (ug/m <sup>3</sup> )	T (ug/m <sup>3</sup> )	E (ug/m <sup>3</sup> )	X (ug/m <sup>3</sup> )	Naphth (ug/m <sup>3</sup> )	THF (ug/m <sup>3</sup> )	TCE (ug/m <sup>3</sup> )	A (ug/m <sup>3</sup> )	Other (ug/m <sup>3</sup> )	Methane (%)	CO2 (%)	N (%)	O2 (%)	He (ug/m <sup>3</sup> )
<b>INDOOR AIR SAMPLES</b>																
IA-1	--	2/12/2018	<0.14	<0.14	<0.14	<0.285	NA	<0.25	<0.21	11	All ND	NA	NA	NA	NA	NA
		5/18/2018	<0.14	<0.14	<0.14	<0.285	NA	<0.25	<0.21	<0.49	All ND	NA	NA	NA	NA	NA
IA-2	--	2/12/2018	<0.14	<0.14	<0.14	<0.285	NA	<0.25	<0.21	11	All ND	NA	NA	NA	NA	NA
		5/18/2018	<0.14	1.5	<0.14	<0.285	NA	<0.25	<0.21	<0.49	All ND	NA	NA	NA	NA	NA
IA-3	--	2/12/2018	<0.14	<0.14	<0.14	<0.285	NA	<0.25	<0.21	14	All ND	NA	NA	NA	NA	NA
		5/18/2018	<0.14	<0.14	<0.14	<0.285	NA	<0.25	<0.21	<0.49	All ND	NA	NA	NA	NA	NA
IA-4	--	2/12/2018	<0.14	<0.14	<0.14	<0.285	NA	<0.25	<0.21	14	All ND	NA	NA	NA	NA	NA
		5/18/2018	<0.14	2.0	<0.14	<0.285	NA	<0.25	<0.21	48	All ND	NA	NA	NA	NA	NA
IA-5	--	2/12/2018	<0.14	<0.14	<0.14	<0.285	NA	<0.25	<0.21	12	All ND	NA	NA	NA	NA	NA
		5/18/2018	<0.14	<0.14	<0.14	<0.285	NA	<0.25	<0.21	16	All ND	NA	NA	NA	NA	NA
O1A	--	2/12/2018	<0.14	<0.14	<0.14	<0.285	NA	<0.25	1.6	9.8	All ND	NA	NA	NA	NA	NA
		5/18/2018	2.8	3.0	<0.14	<0.285	NA	<0.25	<0.21	<0.49	All ND	NA	NA	NA	NA	NA
<b>Indoor Air ESL</b>			<b>0.42</b>	<b>1,300</b>	<b>4.9</b>	<b>440</b>	<b>0.36</b>	<b>NL</b>	<b>3.0</b>	<b>140,000</b>	All ND	<b>LEL = 4.4</b>	<b>NL</b>	<b>NL</b>	<b>NL</b>	<b>NL</b>
<b>SUB-SLAB VAPOR SAMPLES</b>																
SS-1	0.5 ft	2/14/2018	<0.14	25	<0.14	<0.20	<2.0	19	7.7	94	All ND	<0.00000052	<1.57	77.0	18.1	<7.85
		5/25/2018	<3.3	<3.8	<4.4	<13.2	<2.0	<3.0	<5.5	<12	All ND	0.0000031	<1.65	86.6	19.6	<8.25
SS-2	0.5 ft	2/14/2018	<4.9	<11	<10	<24.3	<2.0	67	<8.7	<17	Cyclohexane = 350 Hexane = 130	0.0037	9.24	69.9	<1.63	<8.15
		5/25/2018	<3.3	<3.8	<4.4	<13.2	<2.0	<3.0	<5.5	<12	Chlorofom = 33 Cyclohexane = 360 Heptane = 29 Hexane = 270	0.0015	13.0	91.3	<1.64	<8.20



**Table 2**  
**INDOOR AIR, SUB-SLAB VAPOR, AND SOIL GAS LABORATORY ANALYTICAL RESULTS**  
 Park-Goldsmith Lathrop

Sample ID	Sample Depth	Sample Date	B (ug/m <sup>3</sup> )	T (ug/m <sup>3</sup> )	E (ug/m <sup>3</sup> )	X (ug/m <sup>3</sup> )	Naphth (ug/m <sup>3</sup> )	THF (ug/m <sup>3</sup> )	TCE (ug/m <sup>3</sup> )	A (ug/m <sup>3</sup> )	Other (ug/m <sup>3</sup> )	Methane (%)	CO2 (%)	N (%)	O2 (%)	He (ug/m <sup>3</sup> )
SS-3	0.5 ft	2/14/2018	<0.14	<0.14	<0.14	32	<2.0	16	<0.21	89	4-Ethyltoluene = 40 1,3,5-Trimethylbenzene = 220 1,2,4-Trimethylbenzene = 450	0.0000048	<1.59	72.3	20.1	<7.95
		5/25/2018	<3.3	<3.8	<4.4	<13.2		<3.0	32	<12	All ND	0.0000019	<1.66	84.2	22.0	<8.30
SS-4	0.5 ft	2/14/2018	<0.14	<0.14	<0.14	7.8	<2.0	34	<0.21	70	1,2,4-Trimethylbenzene = 11	<0.00000055	<1.64	71.8	17.9	<8.20
		5/25/2018	<3.3	<3.8	<4.4	<13.2		<3.0	55	12	Tetrachlorethylene = 35	<0.00000055	<1.66	79.4	17.0	<8.30
SS-5	0.5 ft	2/14/2018	<0.14	<0.14	<0.14	58	<2.0	25	<0.21	100	4-Ethyltoluene = 11 1,3,5-Trimethylbenzene = 48 1,2,4-Trimethylbenzene = 150 2-Butanone = 29	<0.00000055	<1.66	68.9	11.5	<8.30
		5/25/2018	<3.3	<3.8	<4.4	<13.2		<3.0	5.9	25	All ND	0.0000006	<1.71	84.9	16.3	<8.55
<b>SEWER CLEANOUT SAMPLES</b>																
CO-1	2-3 ft Grab	5/25/2018	<3.3	<3.8	<4.4	<13.2		<3.0	<5.5	19	Tetrachlorethylene = 40	NA	<1.78	84.3	18.3	<8.90
	2-3 ft Passive	5/30-6/1/18	<29	<5.2	<3.8	<3.9	<3.6	<3.0	<6.2	<49	All ND	NA	NA	NA	NA	NA
CO-2	2-3 ft Grab	5/25/2018	<3.3	9.2	<4.4	<13.2		<3.0	<5.5	14	Tetrachlorethylene = 12	NA	<1.71	86.4	16.9	<8.55
	2-3 ft Passive	5/30-6/1/18	<29	<5.2	<3.8	<3.9	<3.6	<3.0	<6.2	<49	All ND	NA	NA	NA	NA	NA
<b>SOIL-GAS SAMPLES</b>																
SG-1	1.5-2.5 ft	2/14/2018	<0.14	<0.14	<0.14	<0.285	<2.0	4.4	29	13	Chloroform = 11 Tetrachloroethene = 25	<0.00000059	2.80	72.4	13.5	<8.90
SG-2	2.0-3.0 ft	2/14/2018	7.1	7.3	7.6	24.6	<2.0	<3.0	27	9.4	Chloroform = 7.2 Cyclohexane = 170 Heptane = 160 Hexane = 150	0.00078	10.2	71.9	<1.74	<8.70
SG-4	2.0-3.0 ft	2/14/2018	32	<11	46	<15	1,100	<15	390	<17	Cyclohexane = 290 Hexane = 870 cis-1,2-Dichloroethene = 250 Vinyl chloride = 200	0.00055	7.08	73.4	<1.71	<8.55

**Table 2**  
**INDOOR AIR, SUB-SLAB VAPOR, AND SOIL GAS LABORATORY ANALYTICAL RESULTS**  
 Park-Goldsmith Lathrop

Sample ID	Sample Depth	Sample Date	B (ug/m <sup>3</sup> )	T (ug/m <sup>3</sup> )	E (ug/m <sup>3</sup> )	X (ug/m <sup>3</sup> )	Naphth (ug/m <sup>3</sup> )	THF (ug/m <sup>3</sup> )	TCE (ug/m <sup>3</sup> )	A (ug/m <sup>3</sup> )	Other (ug/m <sup>3</sup> )	Methane (%)	CO2 (%)	N (%)	O2 (%)	He (ug/m <sup>3</sup> )
SG-5	3.0-4.0 ft	5/30/2018	3.3	<3.8	<4.4	<13.2	NA	<3.0	<5.5	<12	Carbon Disulfide = 88 Chloroform = 84 Cyclohexane = 6.8 Tetrachloroethene = 140	<0.00000060	<1.79	89.6	14.7	<8.95
Sub-Slab/Soil Gas ESL			420	1.3E+06	4,900	4.4E+05	360	2.5E+06	3,000	1.4E+08	Cyclohexane = NL Hexane = NL 4-Ethyltoluene = NL Tetrachloroethene = 2,100 1,3,5-Trimethylbenzene = NL 1,2,4-Trimethylbenzene = NL 2-Butanone = NL cis-1,2-Dichloroethene = 35,000 Vinyl chloride = 160	LEL = 4.4	NL	NL	NL	NL

**Table Notes**

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

Naphth = Naphthalene

THF = Tetrahydrofuran

TCE = Trichloroethene

A = Acetone

Other = Other VOCs, includes approximately 47 individual VOC compounds

CO2 = Carbon Dioxide

N = Nitrogen

O2 = Oxygen

He = Helium

ug/m<sup>3</sup> = micrograms per cubic meter of Air

% = Percent

<160 = Not detected at or above the expressed value.

NL = Not listed

ESL = Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, February 2016, Rev 2.

LEL = Lower explosion Limit