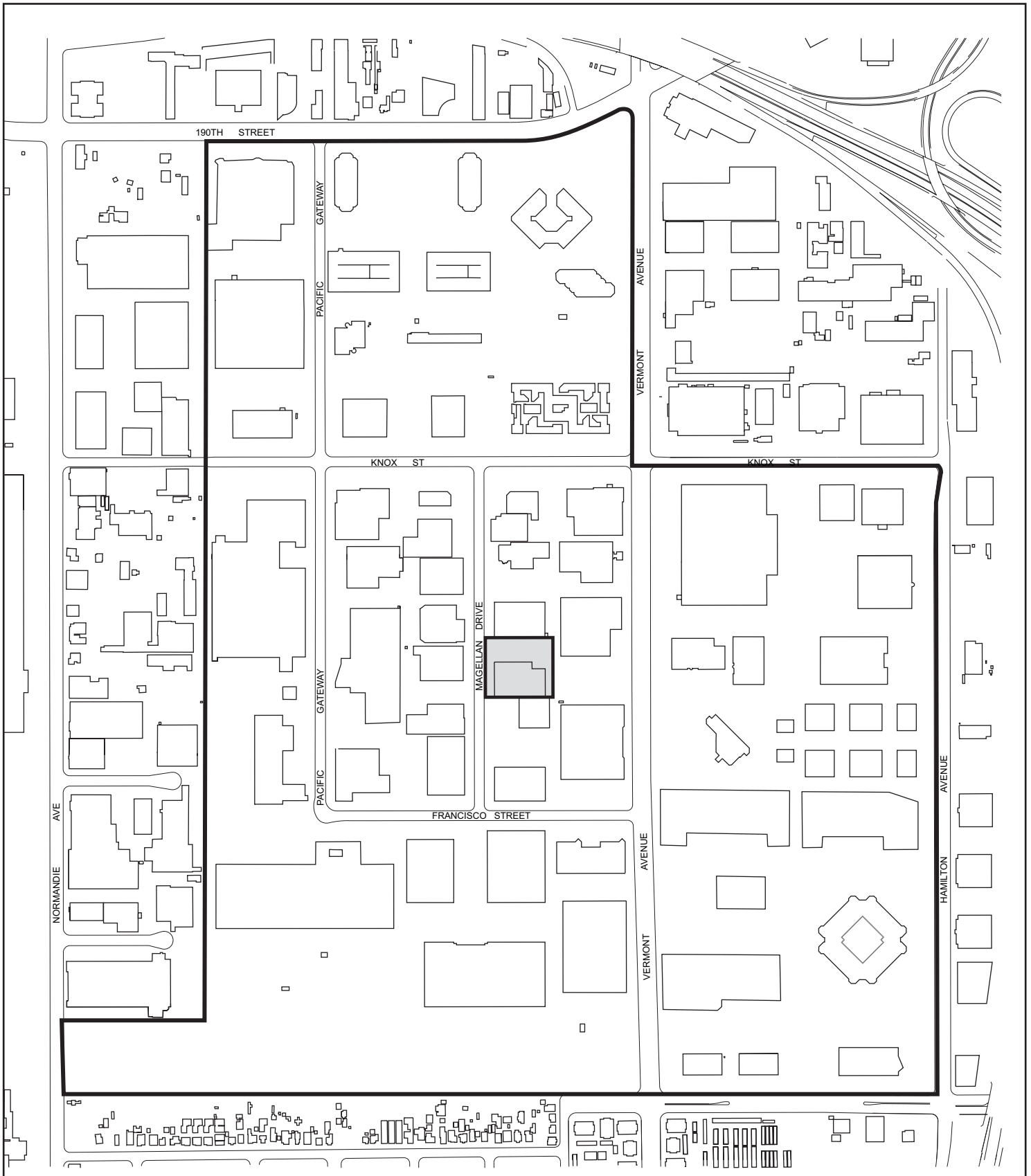
PARCEL 7351-034-076

Parcel 7351-034-076 is located in the northern portion of the former Styrene Plancor. Styrene was manufactured within the plancor as a component of synthetic rubber. The majority of the current parcel area was open space and roads during the period of plancor operation. A small portion of the styrene finishing process area was formerly present. Styrene finishing refers to purification through a fractionation process. Former plancor facilities identified within the parcel area included:

- Portions of control room and switch room buildings associated with the styrene finishing area;
- A small portion of the styrene finishing process area;
- Subgrade ditches and underground pipelines used for transport of surface water runoff and/or wastewater.
- A portion of two machine shop buildings.

Benzene, ethylbenzene, toluene and styrene were likely used in the styrene finishing process area. Historical documents indicate that hydrochloric acid, sulfuric acid, ethylchloride, aluminum chloride, iron-oxide catalyst and tertiary butyl catechol may also have been present. By-products of the styrene finishing may have included heavy oils, tar, and coke, which were either disposed of in the Waste Pit Area (located approximately 1,600 feet south of the parcel area) or recycled and used as boiler fuel.

T:\Ladd\DelAmo\694-151

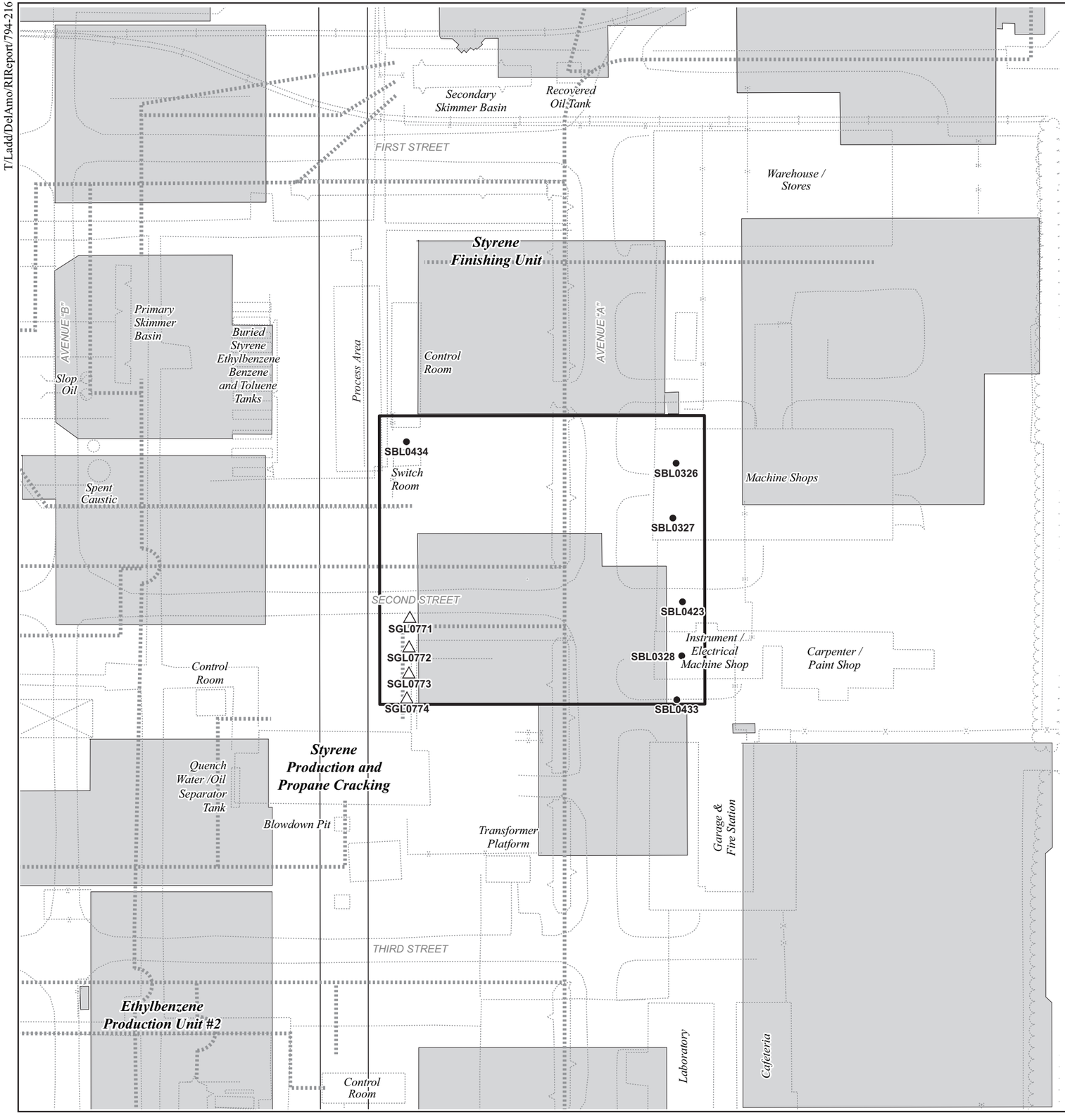


0 600 1,200

Scale in Feet

LOCATION MAP
Parcel 7351-034-076

T/Ladd/DelAmo/RIReport/794-216



Legend

- Soil gas sampling location
- Soil boring
- Parcel boundary
- Cooling Tower #3 — Outlines of historical features with use/contents indicated
- Acetone / Acetonitrile
- Approximate location of former underground pipelines with a potential to have transported VOC-containing fluids

N

0 100 200

Scale in Feet

SAMPLING LOCATIONS AND HISTORICAL FEATURES
Parcel No. 7351-034-076

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SUMMARY OF ANALYTICAL DATA
PARCEL 7351-034-076

Sample Media	Location	Depth (ft. bgs)	Date	Analysis Class	Analyte	Concentration	Screening Criteria Exceeded
Shallow Soil Gas (<= 15')	SGL0771	7.00	04/08/94	VOCs	Tetrachloroethene	0.040 ppmv	
	SGL0772	7.00	04/08/94	VOCs		All ND	
	SGL0773	7.00	04/08/94	VOCs	Tetrachloroethene	0.020 ppmv	
	SGL0774	7.00	04/08/94	VOCs	Tetrachloroethene	0.023 ppmv	
Shallow Soil (<= 15')	SBL0326	2.00	05/14/03	SVOCs/PAHs	Benzo(a)anthracene	0.00033 mg/kg	
					Chrysene	0.00043 mg/kg	
					Fluoranthene	0.0003 mg/kg	
				Metals	As	6.4 mg/kg	
					Ba	155 mg/kg	
					Be	0.71 mg/kg	
					Co	9.1 mg/kg	
					Cr	24.2 mg/kg	
					Cu	200 mg/kg	
					Hg	0.046 mg/kg	
					Mo	1.1 mg/kg	
					Ni	18.9 mg/kg	
					Pb	9.1 mg/kg	
					Sb	0.79 mg/kg	
					Se	1.5 mg/kg	
					V	53.2 mg/kg	
					Zn	152 mg/kg	
		7.00	05/14/03	VOCs		All ND	
	SBL0327	2.00	05/14/03	SVOCs/PAHs	2-Methylnaphthalene	0.00028 mg/kg	
					Benzo(g,h,i)perylene	0.00054 mg/kg	
					Chrysene	0.00066 mg/kg	
					Fluoranthene	0.00043 mg/kg	
					Naphthalene	0.00059 mg/kg	
					Phenanthrene	0.0011 mg/kg	
				Metals	As	3.4 mg/kg	
					Ba	115 mg/kg	
					Be	0.70 mg/kg	
					Co	8.9 mg/kg	
					Cr	24.6 mg/kg	
					Cu	21.5 mg/kg	
					Mo	0.98 mg/kg	
					Ni	14.5 mg/kg	
					Pb	8.2 mg/kg	

SUMMARY OF ANALYTICAL DATA
PARCEL 7351-034-076

Sample Media	Location	Depth (ft. bgs)	Date	Analysis Class	Analyte	Concentration	Screening Criteria Exceeded
Shallow Soil (<= 15')	SBL0327	2.00	05/14/03	Metals	Sb	0.68 mg/kg	
					Se	0.54 mg/kg	
					V	50.7 mg/kg	
					Zn	67.2 mg/kg	
		7.00	05/14/03	VOCs		All ND	
	SBL0328	2.00	05/14/03	SVOCs/PAHs	2-Methylnaphthalene	0.68 mg/kg	
					Acenaphthene	0.36 mg/kg	
					Acenaphthylene	0.5 mg/kg	
					Anthracene	1.4 mg/kg	
					Benzo(a)anthracene	1 mg/kg	
					Benzo(a)pyrene	**0.74 mg/kg**	**Industrial PRG (0.21)**
					Benzo(b)fluoranthene	0.29 mg/kg	
					Benzo(g,h,i)perylene	0.2 mg/kg	
					Benzo(k)fluoranthene	0.29 mg/kg	
					Chrysene	1.1 mg/kg	
					Dibenzo(a,h)anthracene	0.025 mg/kg	
					Fluoranthene	1.6 mg/kg	
					Fluorene	1.6 mg/kg	
					Indeno(1,2,3-c,d)pyrene	0.15 mg/kg	
					Naphthalene	0.69 mg/kg	
					Phenanthrene	7 mg/kg	
					Pyrene	4.1 mg/kg	
				Metals	As	7.4 mg/kg	
					Ba	180 mg/kg	
					Be	0.75 mg/kg	
					Cd	0.28 mg/kg	
					Co	11.0 mg/kg	
					Cr	31.2 mg/kg	
					Cu	129 mg/kg	
					Hg	0.11 mg/kg	
					Mo	1.5 mg/kg	
					Ni	23.6 mg/kg	
					Pb	27.9 mg/kg	
					Sb	1.1 mg/kg	
					V	63.6 mg/kg	
					Zn	184 mg/kg	
		7.00	05/14/03	VOCs		All ND	

SUMMARY OF ANALYTICAL DATA
PARCEL 7351-034-076

Sample Media	Location	Depth (ft. bgs)	Date	Analysis Class	Analyte	Concentration	Screening Criteria Exceeded
Shallow Soil (<= 15')	SBL0423	1.50	09/05/03	SVOCs/PAHs	Dibenzo(a,h)anthracene	0.00029 mg/kg	
	SBL0433	1.50	09/10/03	SVOCs/PAHs	Benzo(a)anthracene	0.0006 mg/kg	
					Benzo(g,h,i)perylene	0.0017 mg/kg	
					Chrysene	0.0011 mg/kg	
					Fluoranthene	0.00092 mg/kg	
					Indeno(1,2,3-c,d)pyrene	0.00073 mg/kg	
					Phenanthrene	0.00083 mg/kg	
					Pyrene	0.0012 mg/kg	
	SBL0434	1.00	09/10/03	VOCs	Acetone	0.15 mg/kg	
					Methyl Ethyl Ketone	0.021 mg/kg	