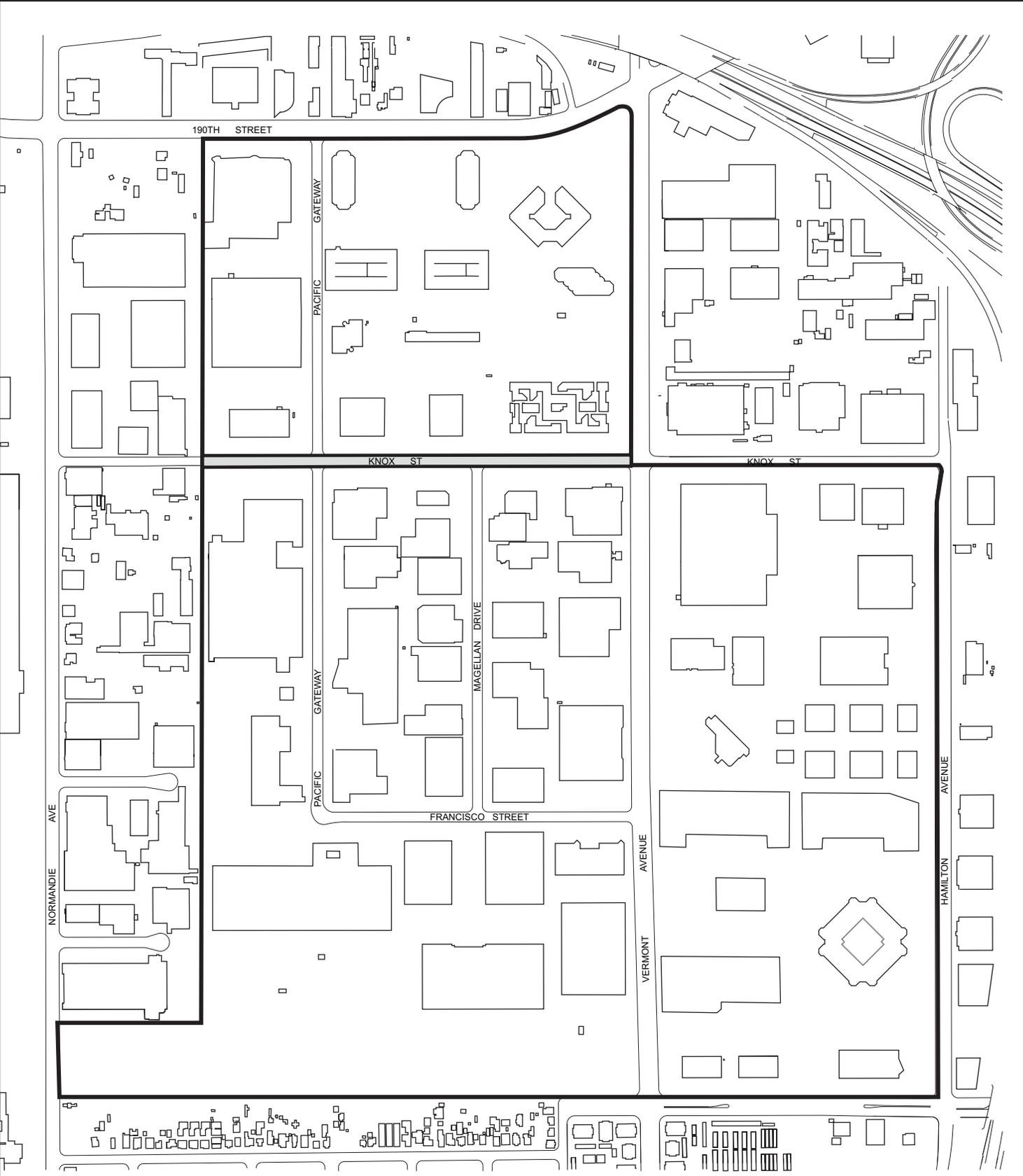


## **KNOX STREET**

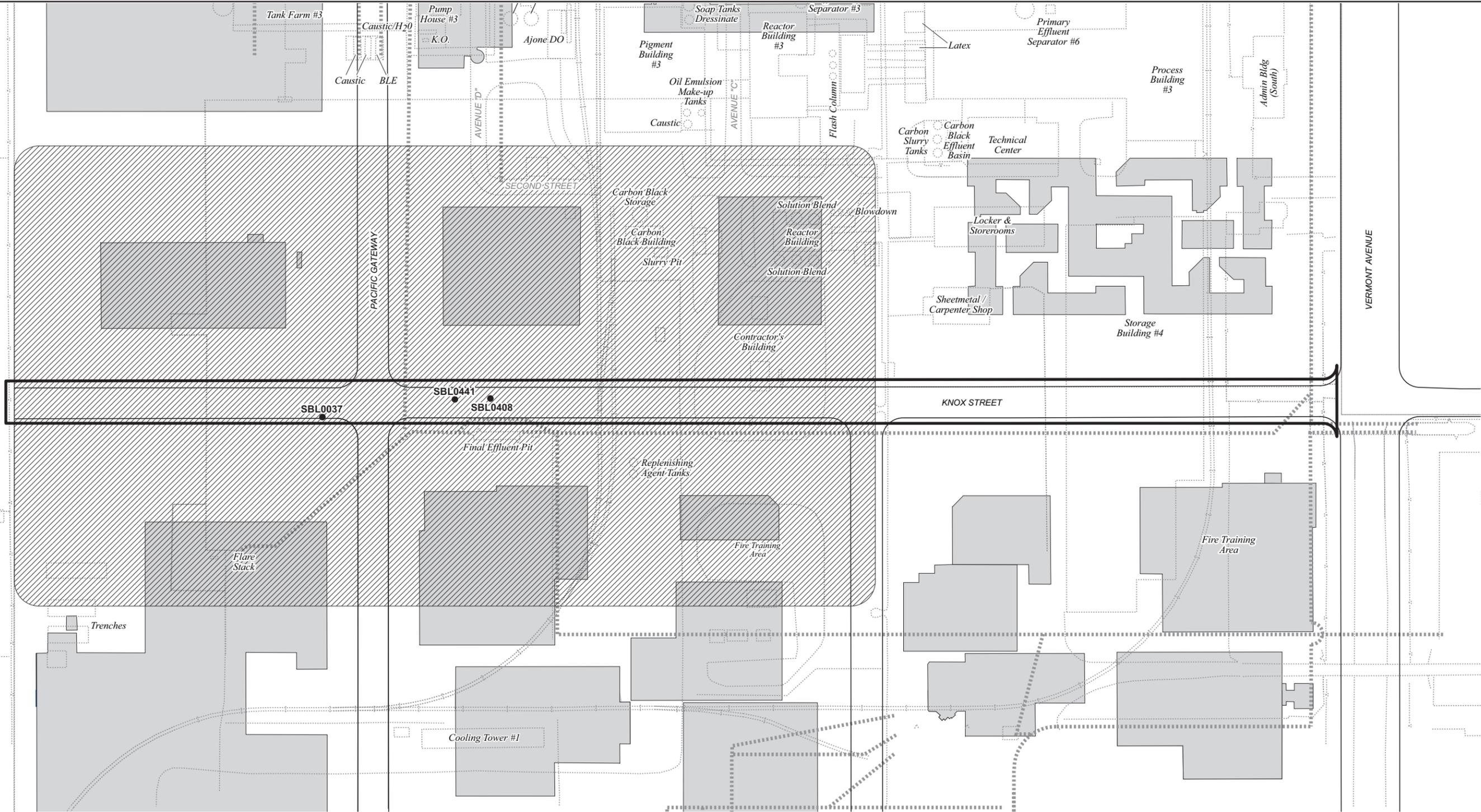
Knox Street is located within the southern portion of the copolymer plant. Butadiene and styrene were polymerized to produce synthetic rubber in the Copolymer Plant during its period of operation. Former plant facilities located within the street segment are limited to:

- A portion of a contractor's building;
- Short sections of railroad track;
- Short sections of underground pipelines used for transport of surface runoff water and/or wastewater.

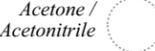
The western portion of the street segment is located within a stained area that is apparent on some historical aerial photographs taken during the operational period of the plant. There is no documentation to indicate the nature of the staining material, but carbon black storage facilities were within the stained area (but not on the parcel). Carbon black is soot, and was used as reinforcing filler in the rubber to improve its durability.

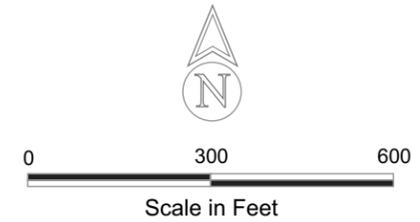


**LOCATION MAP**  
**Knox Street**



**Legend**

- Soil boring
- Parcel boundary
-  Approximate location of former underground pipelines with a potential to have transported VOC-containing fluids
-  Approximate former location of persistent soil staining
-  Outlines of historical features with use/contents indicated
-  Acetone / Acetonitrile



**SAMPLING LOCATIONS  
AND HISTORICAL FEATURES  
Knox Street**

**URS**

**SUMMARY OF ANALYTICAL DATA**  
**PARCEL Knox St**

Sample Media	Location	Depth (ft. bgs)	Date	Analysis Class	Analyte	Concentration	Screening Criteria Exceeded
Shallow Soil (<= 15')	SBL0037	7.00	01/26/93	VOCs		All ND	
				SVOCs/PAHs		All ND	
			01/27/93	Pest./PCBs		All ND	
				Metals	Al	18,000 mg/kg	
					Al	18,000 mg/kg	
					As	4 mg/kg	
					As	4 mg/kg	
					Ba	140 mg/kg	
					Ba	140 mg/kg	
					Be	0.5 mg/kg	
					Be	0.5 mg/kg	
					Ca	11,000 mg/kg	
					Ca	11,000 mg/kg	
					Cd	14 mg/kg	
					Cd	14 mg/kg	
					Co	11 mg/kg	
					Co	11 mg/kg	
					Cr	20 mg/kg	
					Cr	20 mg/kg	
					Cu	26 mg/kg	
					Cu	26 mg/kg	
					Fe	25,000 mg/kg	
					Fe	25,000 mg/kg	
					K	4,200 mg/kg	
					K	4,200 mg/kg	
					Mg	8,900 mg/kg	
					Mg	8,900 mg/kg	
					Mn	560 mg/kg	
					Mn	560 mg/kg	
					Na	1,300 mg/kg	
Na	1,300 mg/kg						
Ni	16 mg/kg						
Ni	16 mg/kg						
Pb	9.7 mg/kg						
Pb	9.7 mg/kg						
V	39 mg/kg						
V	39 mg/kg						

**SUMMARY OF ANALYTICAL DATA  
PARCEL Knox St**

Sample Media	Location	Depth (ft. bgs)	Date	Analysis Class	Analyte	Concentration	Screening Criteria Exceeded	
Shallow Soil (<= 15')	SBL0037	7.00	01/27/93	Metals	Zn	53 mg/kg		
					Zn	53 mg/kg		
				Cyanide	Cyanide	ND		
			8.00	01/26/93	VOCs		All ND	
		SVOCs/PAHs				All ND		
			12.8	01/27/93	Pest./PCBs		All ND	
		Metals			Al	12,000 mg/kg		
					As	3.0 mg/kg		
					Ba	120 mg/kg		
					Be	0.31 mg/kg		
		Ca			8,500 mg/kg			
		Cd			9.5 mg/kg			
		Co			8.2 mg/kg			
		Cr			12 mg/kg			
		Cu			16 mg/kg			
		Fe			18,000 mg/kg			
		K			3,400 mg/kg			
		Mg			7,100 mg/kg			
		Mn	270 mg/kg					
		Na	670 mg/kg					
		Ni	9.0 mg/kg					
		Pb	6.7 mg/kg					
		V	27 mg/kg					
	Zn	43 mg/kg						
			Cyanide	Cyanide	ND			
	SBL0408	1.50	09/03/03	SVOCs/PAHs		All ND		
	SBL0441	1.50	09/11/03	SVOCs/PAHs	2-Methylnaphthalene	0.0026 mg/kg		
Benzo(a)anthracene					0.00073 mg/kg			
Benzo(a)pyrene					0.00081 mg/kg			
Benzo(b)fluoranthene					0.00096 mg/kg			
Benzo(g,h,i)perylene					0.00064 mg/kg			
Benzo(k)fluoranthene					0.00063 mg/kg			
Chrysene					0.0014 mg/kg			
Fluoranthene					0.00097 mg/kg			
Naphthalene					0.00047 mg/kg			
Phenanthrene					0.0023 mg/kg			
Pyrene	0.0016 mg/kg							

**SUMMARY OF ANALYTICAL DATA  
PARCEL Knox St**

<b>Sample Media</b>	<b>Location</b>	<b>Depth (ft. bgs)</b>	<b>Date</b>	<b>Analysis Class</b>	<b>Analyte</b>	<b>Concentration</b>	<b>Screening Criteria Exceeded</b>
Deep Soil (> 15')	SBL0037	17.5	01/26/93	VOCs		All ND	
				SVOCs/PAHs		All ND	
Groundwater - Water Table	CWL0044	NA	03/10/93	VOCs	Benzene	0.6 ug/l	
					Tetrachloroethene	1.6 ug/l	
					Trichloroethene	0.7 ug/l	
					Xylenes (Total)	0.5 ug/l	