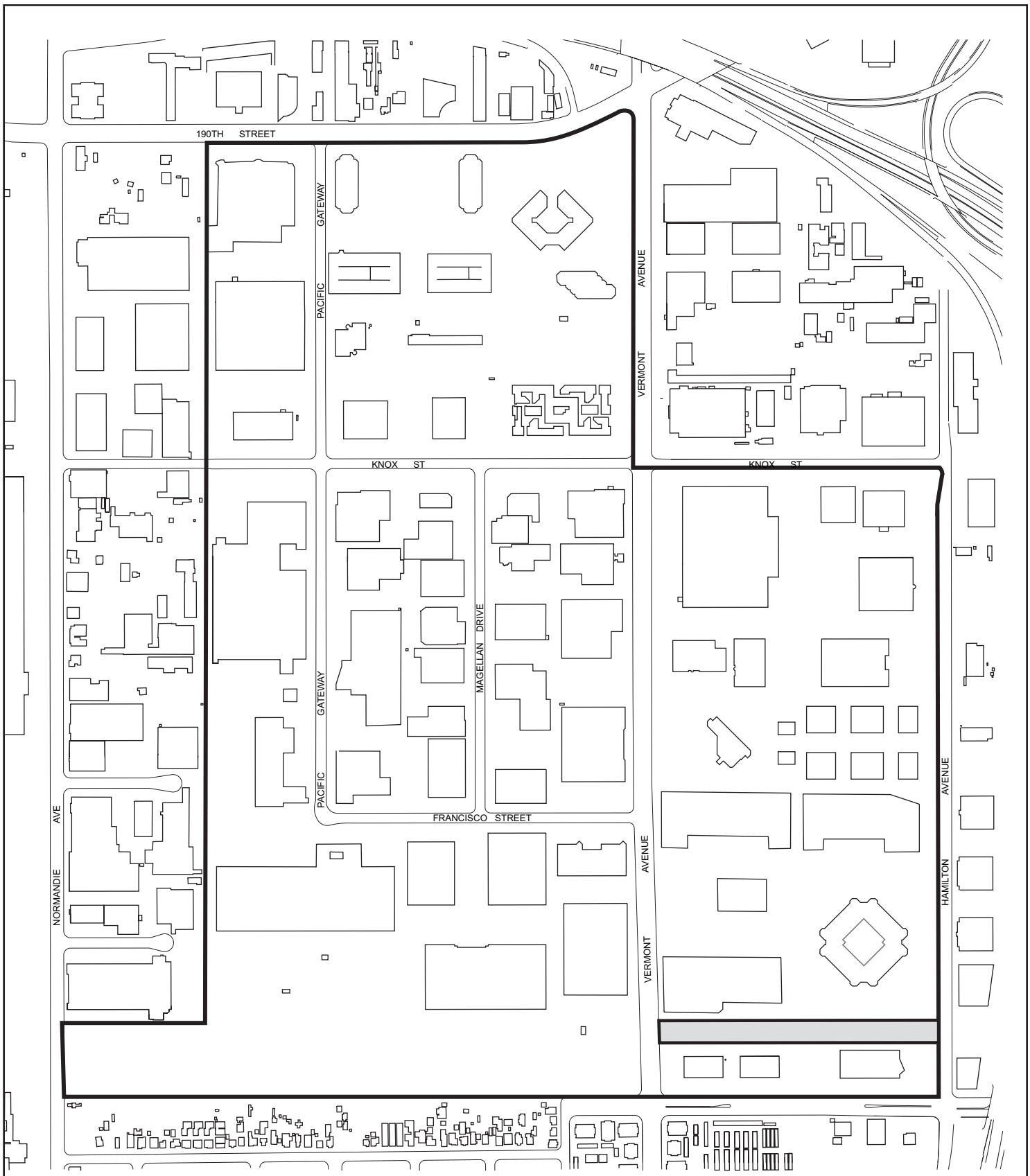
PARCEL 7351-033-900

Parcel 7351-033-900 is located in the southern portion of the former Butadiene Plancor. Butadiene was manufactured within the plancor as a component of synthetic rubber. The parcel area was primarily open space used as a corridor for high-voltage power lines during the period of plancor operation.

An underground benzene pipeline was located on or near the southern boundary of the parcel. Leakage from the benzene pipeline during the operation period of the plancor is believed to have resulted in benzene-contaminated soil and groundwater in the vicinity of the central portion of the parcel. No other plancor facilities were identified in the parcel area.

T:\Ladd\DelAmo\694-137



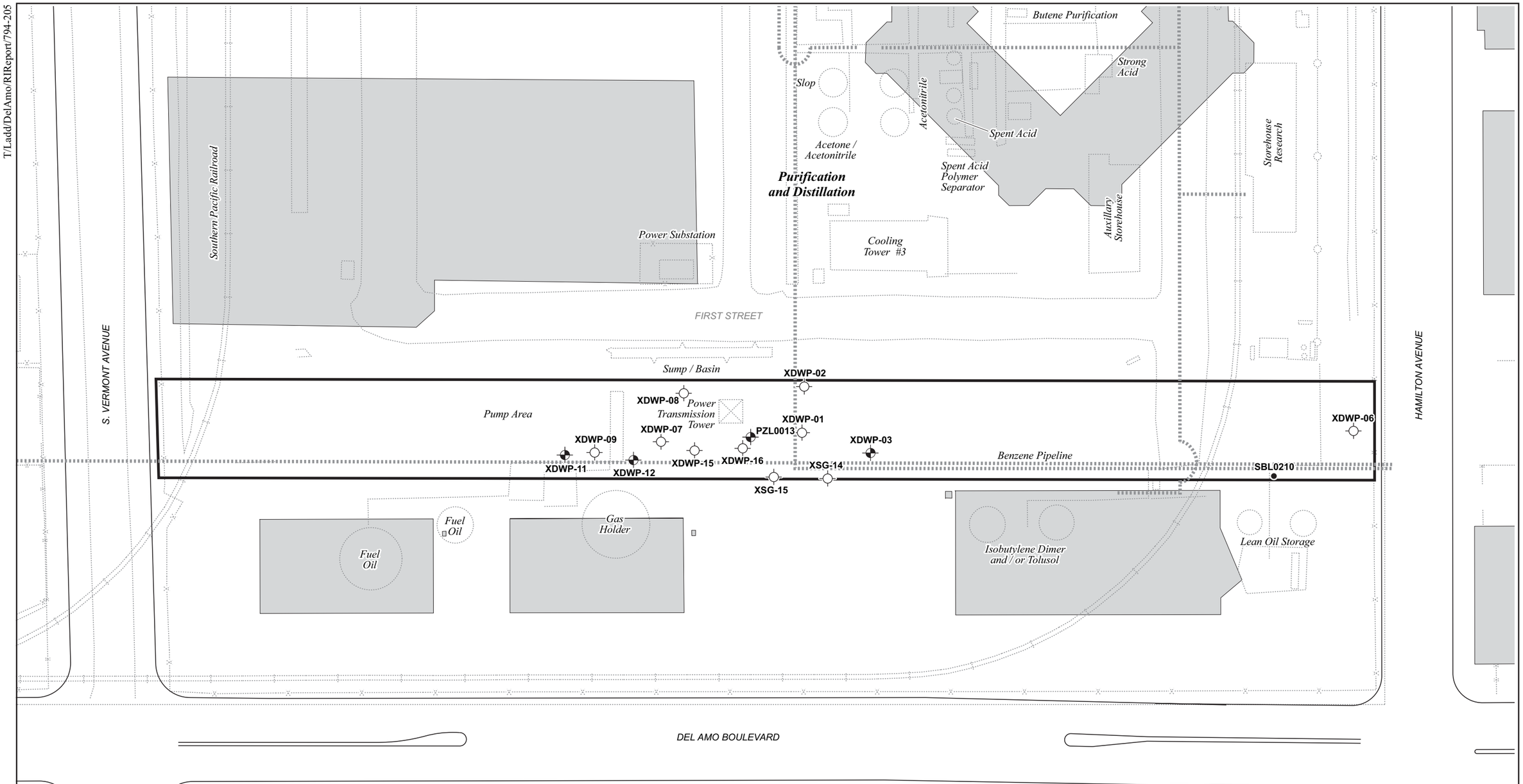
N

0 600 1,200

Scale in Feet

LOCATION MAP
Parcel 7351-033-900

T/Ladd/DelAmo/RIReport/794-205



Legend

- Soil boring
- Groundwater monitoring well
- Indoor air monitoring location
- Parcel boundary
- Cooling Tower #3 / Acetone / Acetonitrile — Outlines of historical features with use/contents indicated
- 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. 7351-033-900

URS

SUMMARY OF ANALYTICAL DATA
PARCEL 7351-033-900

Sample Media	Location	Depth (ft. bgs)	Date	Analysis Class	Analyte	Concentration	Screening Criteria Exceeded
Shallow Soil (<= 15')	GP10	5.50	02/01/97	VOCs	**Benzene**	**2.1 mg/kg**	**Residential PRG (0.60)**
		10.5	02/01/97	VOCs	**Benzene**	**3.5 mg/kg**	**Residential PRG (0.60)**
					Ethylbenzene	0.008 mg/kg	
					Naphthalene	0.008 mg/kg	
					Styrene	0.001 mg/kg	
					Toluene	0.004 mg/kg	
	SBL0210	1.50	11/23/02	SVOCs/PAHs	2-Methylnaphthalene	0.00057 mg/kg	
					Benzo(a)anthracene	0.00048 mg/kg	
					Benzo(a)pyrene	0.00093 mg/kg	
					Benzo(g,h,i)perylene	0.00085 mg/kg	
					Chrysene	0.00084 mg/kg	
					Fluoranthene	0.0086 mg/kg	
					Indeno(1,2,3-c,d)pyrene	0.001 mg/kg	
					Naphthalene	0.00034 mg/kg	
					Phenanthrene	0.00045 mg/kg	
					Pyrene	0.00059 mg/kg	
Deep Soil (> 15')	GP10	15.5	02/01/97	VOCs	**Benzene**	**3.3 mg/kg**	**Residential PRG (0.60)**
	XDWP-01	40.0	09/10/90	VOCs	**Benzene**	**5.5 mg/kg**	**Residential PRG (0.60)**
					Toluene	0.14 mg/kg	
			02/20/91	VOCs	**Benzene**	**5.5 mg/kg**	**Residential PRG (0.60)**
					Toluene	0.14 mg/kg	
	XDWP-02	45.0	02/20/91	VOCs	**Benzene**	**5.5 mg/kg**	**Residential PRG (0.60)**
	XDWP-03	40.0	09/13/90	VOCs	**Benzene**	**3.4 mg/kg**	**Residential PRG (0.60)**
					Toluene	0.15 mg/kg	
			02/20/91	VOCs	**Benzene**	**3.4 mg/kg**	**Residential PRG (0.60)**
					Toluene	0.15 mg/kg	
		40.1	02/20/91	VOCs		All ND	
	XDWP-06	35.0	09/13/90	VOCs	Toluene	0.19 mg/kg	
			02/20/91	VOCs	Toluene	0.19 mg/kg	
	XDWP-07	45.0	09/14/90	VOCs	**Benzene**	**55 mg/kg**	**Residential PRG (0.60)**
			02/20/91	VOCs	**Benzene**	**55 mg/kg**	**Residential PRG (0.60)**
	XDWP-08	45.0	09/13/90	VOCs	**Benzene**	**33.0 mg/kg**	**Residential PRG (0.60)**
			02/20/91	VOCs	**Benzene**	**33 mg/kg**	**Residential PRG (0.60)**
	XDWP-09	30.0	09/13/90	VOCs	**Benzene**	**31 mg/kg**	**Residential PRG (0.60)**
			02/20/91	VOCs	**Benzene**	**31 mg/kg**	**Residential PRG (0.60)**
		40.0	09/13/90	VOCs	**Benzene**	**3.6 mg/kg**	**Residential PRG (0.60)**
			02/20/91	VOCs	**Benzene**	**3.6 mg/kg**	**Residential PRG (0.60)**

Created with soiladdendumprint and parcelsumtmp2.frx on 09/13/05 at 14:11:29

SUMMARY OF ANALYTICAL DATA
PARCEL 7351-033-900

Sample Media	Location	Depth (ft. bgs)	Date	Analysis Class	Analyte	Concentration	Screening Criteria Exceeded
Deep Soil (> 15')	XDWP-11	50.0	10/29/90	VOCs	**Benzene**	**64 mg/kg**	**Residential PRG (0.60)**
			02/20/91	VOCs	**Benzene**	**64 mg/kg**	**Residential PRG (0.60)**
	XDWP-12	50.0	10/30/90	VOCs	**Benzene**	**910 mg/kg**	**Residential PRG (0.60)**
			02/20/91	VOCs	**Benzene**	**910 mg/kg**	**Residential PRG (0.60)**
	XDWP-15	30.0	10/31/90	VOCs	**Benzene**	**14 mg/kg**	**Residential PRG (0.60)**
			02/20/91	VOCs	**Benzene**	**14 mg/kg**	**Residential PRG (0.60)**
	XDWP-16	25.0	10/31/90	VOCs	**Benzene**	**7.9 mg/kg**	**Residential PRG (0.60)**
			02/20/91	VOCs	**Benzene**	**7.9 mg/kg**	**Residential PRG (0.60)**
Groundwater - Water Table	PZL0013	NA	04/28/93	VOCs	**Benzene**	**418,482 ug/l**	**CA MCL (1)**
					Ethylbenzene	14 ug/l	
					Styrene	15 ug/l	
					Toluene	50 ug/l	
					Xylenes (Total)	43 ug/l	
				SVOCs/PAHs	Phenol	33 ug/l	
			05/26/93	VOCs	**Benzene**	**610,000 ug/l**	**CA MCL (1)**
			03/22/94	VOCs	**Benzene**	**750,000 ug/l**	**CA MCL (1)**
				SVOCs/PAHs	Phenol	22 ug/l	
			04/29/94	VOCs	**Benzene**	**560,000 ug/l**	**CA MCL (1)**
					Chloroform	**200 ug/l**	**CA MCL (100)**
				SVOCs/PAHs	Phenol	22 ug/l	
			07/21/94	VOCs	**Benzene**	**450,000 ug/l**	**CA MCL (1)**
				SVOCs/PAHs	Phenol	30 ug/l	
			10/24/94	VOCs	**Benzene**	**590,000 ug/l**	**CA MCL (1)**
				SVOCs/PAHs	4-Nitrophenol	12 ug/l	
					Phenol	16 ug/l	
			03/21/95	VOCs	**Benzene**	**650,000 ug/l**	**CA MCL (1)**
			07/05/95	VOCs	**Benzene**	**570,000 ug/l**	**CA MCL (1)**
			10/19/95	VOCs	**Benzene**	**590,000 ug/l**	**CA MCL (1)**
			02/12/96	VOCs	**Benzene**	**520,000 ug/l**	**CA MCL (1)**
					Chlorobenzene	**3,400 ug/l**	**CA MCL (70)**
			02/12/97	VOCs	**Benzene**	**470,000 ug/l**	**CA MCL (1)**
			03/19/98	VOCs	**Benzene**	**400,000 ug/l**	**CA MCL (1)**
			02/08/99	VOCs	**Benzene**	**460,000 ug/l**	**CA MCL (1)**
			07/31/00	VOCs	**Benzene**	**300,000 ug/l**	**CA MCL (1)**

Created with soiladdendumprint and parcelsumtmp2.frx on 09/13/05 at 14:11:29