

CHOCOLATE BAYOU

INDUSTRIAL HYGIENE BOOK

1980

INDUSTRIAL HYGIENE AUDIT

MAP 005080

LAM000906

MONITORING PROGRAM

-- 85 CHEMICAL AND PHYSICAL SUBSTANCES

-- PERSONNEL AND AREA SAMPLES

- ACRYLONITRILE & BENZENE - MONTHLY
- OTHERS - ON SCHEDULED BASIS

-- PROBLEM AREAS

- DECONTAMINATION
- SAMPLING

  -- CORRECTIVE ACTION THROUGH PROJECTS

- CONTRACTOR WORK

  -- INCREASED AREA SAMPLING

CHOCOLATE BAYOU INDUSTRIAL HYGIENE SUMMARY 1/1/80 thru 6/30/80

DEPT# AN / SUBSTANCE	SAMPLING HISTORY	PEL	NO OF SAMPLES	HI	LO	AVERAGE	CORRECTIVE ACTION	COMMENTS
ACETONE		1000.00						
	PERS TWA		61	1.15	.01	.09		
	AREA TWA		3	.24	.10	.13		
ACETONITRILE		80.00						
	PERS TWA		41	.15	.01	.02		
	AREA TWA		3	.01	.01	.01		
ACROLEIN		10						
	PERS TWA		61	.35	.01	.03		
	AREA TWA		3	.03	.01	.02		
ACRYLONITRILE		2.00						
	PERS TWA		61	3.05	.01	.30		
	AREA TWA		3	.02	.01	.01		
ASBESTOS		2.00						
	AREA STEL		13	.03	.00	.12		
	AREA OTHER		2	.04	.03	.04		

MAP 005082

LAM000908

CHOCOLATE BAYOU INDUSTRIAL HYGIENE SUMMARY

DEPT'S ENV CO	SAMPLING HISTORY	PEL	RESULTS			CORRECTIVE ACTION	COMMENTS
SUBSTANCE			NO OF SAMPLES	HI	LO	AVERAGE	
A-METHYL STYRENE		100.00					
	PERS TWA		19	.17	.01	.05	
	AREA TWA		47	6.08	.01	.65	
	AREA STEL		18	14.72	.01	1.42	
	AREA OTHER		5	1.20	.02	.45	
ACETONE		1000.00					
	PERS TWA		18	1.21	.01	.27	
	AREA TWA		22	.32	.01	.07	
	AREA STEL		3	.33	.05	.17	
ACETONITRILE		40.00					
	PERS TWA		18	.60	.01	.09	
	AREA TWA		22	.36	.01	.13	
	AREA STEL		3	.13	.04	.09	
ACETOPHENONE		25.00					
	PERS TWA		19	4.18	.01	1.03	
	AREA TWA		47	4.33	.01	.59	
	AREA STEL		18	12.48	.01	1.10	
	AREA OTHER		5	2.42	.01	.51	
ACROLEIN		10					
	PERS TWA		18	.14	.01	.02	
	AREA TWA		22	.29	.01	.05	
	AREA STEL		3	.18	.03	.09	
ACRYLONITRILE		2.00					
	PERS TWA		18	.27	.01	.06	
	AREA TWA		23	4.28	.01	.56	
	AREA STEL		3	.05	.01	.03	
ASBESTOS		2.00					
	AREA STEL		12	2.71	.34	1.33	
	AREA OTHER		3	.17	.10	.14	
BENZENE		10.00					
	PERS TWA		27	3.45	.08	.56	
	PERS STEL		2	4.48	3.10	3.79	
	AREA TWA		72	29.88	.01	3.80	
	AREA STEL		26	414.10	1.98	34.97	
	AREA OTHER		5	23.02	.01	7.88	
CUMENE		50.00					
	PERS TWA		27	.92	.01	.21	
	PERS STEL		2	.94	.62	.78	
	AREA TWA		72	36.31	.01	3.44	
	AREA STEL		26	89.50	.01	11.81	
	AREA OTHER		5	2.28	.01	1.19	
ETHYL BENZENE		100.00					
	PERS TWA		27	7.01	.01	.49	
	PERS STEL		2	.57	.01	.29	
	AREA TWA		72	2.46	.01	.25	
	AREA STEL		25	1.43	.01	.28	
	AREA OTHER		5	.22	.01	.08	
NAPHTHALENE		10.00					
	PERS TWA		27	1.04	.01	.09	

MAP 005083

LAM000909

CHOCOLATE BAYOU INDUSTRIAL HYGIENE SUMMARY

DEPT# ETHYLENE	SAMPLING HISTORY	PEL	RESULTS			CORRECTIVE ACTION	COMMENTS
SUBSTANCE			NO OF SAMPLES	HI	LO	AVERAGE	
A-METHYL STYRENE	PERS TWA	100.00	8	.15	.01	.04	
ACETOPHENONE	PERS TWA	25.00	8	.01	.01	.01	
ASBESTOS	AREA OTHER	2.00	10	1.29	.00	.22	
BENZENE	PERS TWA	10.00	14	3.12	.13	.74	
BUTADIENNE	PERS TWA	1000.00	6	10.00	10.00	10.00	
CUMENE	PERS TWA	50.00	10	.03	.01	.01	
CYCLOHEXANE	PERS TWA	300.00	6	10.00	10.00	10.00	
CYCLOHEXENE	PERS TWA	300.00	6	10.00	10.00	10.00	
CYCLOPENTADIENE	PERS TWA	75.00	6	10.00	10.00	10.00	
DMF	AREA TWA	10.00	15	.09	.01	.02	
ETHYL BENZENE	PERS TWA	100.00	13	.27	.01	.08	
HEPTANE	PERS TWA	500.00	6	10.00	10.00	10.00	
METHYL ACETYLENE-PROPENIEN	PERS TWA	1000.00	6	10.00	10.00	10.00	
NAPHTHALENE	PERS TWA	10.00	14	.82	.01	.12	
NOISE	PERS TWA	90.00	18	89.10	85.00	85.34	
OCTANE	PERS TWA	500.00	6	10.00	10.00	10.00	
PENTANE	PERS TWA	1000.00	6	10.00	10.00	10.00	
PROPYLALCOHOL	PERS TWA	200.00	6	10.00	10.00	10.00	
STYRENE	PERS TWA	5.00	13	1.24	.01	.15	
TOLUENE	PERS TWA	100.00	14	1.58	.03	.32	
XYLENE	PERS TWA	100.00	14	.39	.01	.10	

MAP 005084

LAM000910

SUBSTANCE	HISTORY		NO OF SAMPLES	HI	LO	AVERAGE
A-METHYL STYRENE		100.00				
	PERS TWA		21	2.74	.01	.23
ACETOPHENONE		25.00				
	PERS TWA		21	7.48	.01	2.38
ASBESTOS		2.00				
	AREA STEL		13	1.33	.00	.54
	AREA OTHER		2	.04	.03	.04
BENZENE		10.00				
	PERS TWA		99	87.69	.10	5.84
	AREA TWA		6	16.48	.79	6.65
CUMENE		50.00				
	PERS TWA		99	1.31	.01	.12
	AREA TWA		6	.61	.19	.41
ETHYL BENZENE		100.00				
	PERS TWA		99	.95	.01	.11
	AREA TWA		6	.01	.01	.01
NAPHTHALENE		10.00				
	PERS TWA		99	2.59	.01	.11
	AREA TWA		6	.01	.01	.01
PHENOL		5.00				
	PERS TWA		12	1.16	.02	.25
STYRENE		5.00				
	PERS TWA		99	1.70	.01	.11
	AREA TWA		6	.01	.01	.01
TOLUENE		100.00				
	PERS TWA		101	3.16	.02	.31
	AREA TWA		6	.03	.01	.02
XYLENE		100.00				
	PERS TWA		101	8.48	.01	1.35
	AREA TWA		6	.03	.01	.02

MAP 005085

LAM000911

HISTORY ACTION

SUBSTANCE		NO OF SAMPLES	HI	LO	AVERAGE
ASBESTOS		2.00			
	AREA STEL	12	1.17	.00	.08
	AREA OTHER	5	.19	.10	.13

MAP 005086

LAM000912

CHOCOLATE BAYOU INDUSTRIAL HYG[illegible] SUMMARY

DEPT# BAR / SUBSTANCE	SAMPLING HISTORY	PEL	NO OF SAMPLES	RESULTS HI	LO	AVERAGE	CORRECTIVE ACTION	COMMENTS
ALPHETHYL STYRENE		100.00						
	PERS TWA		14	.60	.01	.08		
ACETOPHENONE		25.00						
	PERS TWA		14	.01	.01	.01		
ASBESTOS		2.00						
	AREA STEL		12	1.06	.00	.21		
	AREA OTHER		3	.14	.00	.07		
BENZENE		10.00						
	PERS TWA		93	13.09	.01	.99		
	AREA TWA		35	1542.90	.32	79.70		
	AREA STEL		8	14.00	8.72	6.99		
			0	.00	.00	.00		
CUMENE		50.00						
	PERS TWA		21	.53	.01	.13		
	AREA TWA		35	.38	.01	.06		
	AREA STEL		8	.01	.01	.01		
ETHYL BENZENE		100.00						
	PERS TWA		22	1.09	.01	.19		
	AREA TWA		35	7.31	.01	.34		
	AREA STEL		8	1.36	.01	.23		
NAPHTHALENE		10.00						
	PERS TWA		22	4.35	.01	.23		
	AREA TWA		35	.33	.00	.03		
	AREA STEL		8	.81	.01	.20		
NUISF		90.00						
	PERS TWA		12	90.00	85.00	85.60		
STYRENE		5.00						
	PERS TWA		20	.32	.01	.06		
	AREA TWA		35	1.94	.01	.22		
	AREA STEL		8	.58	.01	.14		
TOLUENE		100.00						
	PERS TWA		22	.55	.01	.19		
	AREA TWA		35	3.55	.02	.56		
	AREA STEL		8	.94	.17	.36		
XYLENE		100.00						
	PERS TWA		22	.29	.04	.14		
	AREA TWA		35	20.36	.01	1.85		
	AREA STEL		8	3.33	.83	1.97		

MAP 005087

LAM000913

CHOCOLATE BAYOU INDUSTRIAL HYGIENE SUMMARY

DEPT& TITL SUBSTANCE	SAMPLING HISTORY	PEL	RESULTS NO OF SAMPLES	HI	LO	AVERAGE	CORRECTIVE ACTION	COMMENTS
ASBESTOS		2.00						
	AREA STEL		4	1.02	.40	.73		
	AREA OTHER		5	.52	.00	.13		

MAP 005088

LAM000914