

June 15, 1984

To : S. W. Ellis Jr.

From : David Horecka

ASBESTOS REMOVAL FROM STEAM FLASH TANK - DIAMINE AREA

On May 24, 1984, Zachary Construction removed Asbestos from the 30-70 lb. Steam Flash Tank located in the Diamine Refining Area. Periphery monitoring was done to ensure that the roped off area was below the TLV for Asbestos of 0.5 fibers/cc >5 microns in length. Three "spot checks" were made to allow for variations in weather data and work load changes. (Sample location and weather data are noted in Tables II and III.)

The samples were obtained using NIOSH Analytical Method P&CAM 239. Calibrated Bendix 44 high flow sampling pumps were used to pull ambient air through a 37mm cassette with a Millipore AAWHP 0.8 um MCE filter in line. Airborne Asbestos fibers were trapped on the filter.

The cassettes were analyzed by the Clayton Environmental Consultants, Inc. for Asbestos fibers greater than 5 Microns in length (fibers/filter). The results show that Asbestos periphery levels are well below the TLV (Table I).

DUP 0814327

DU 009780

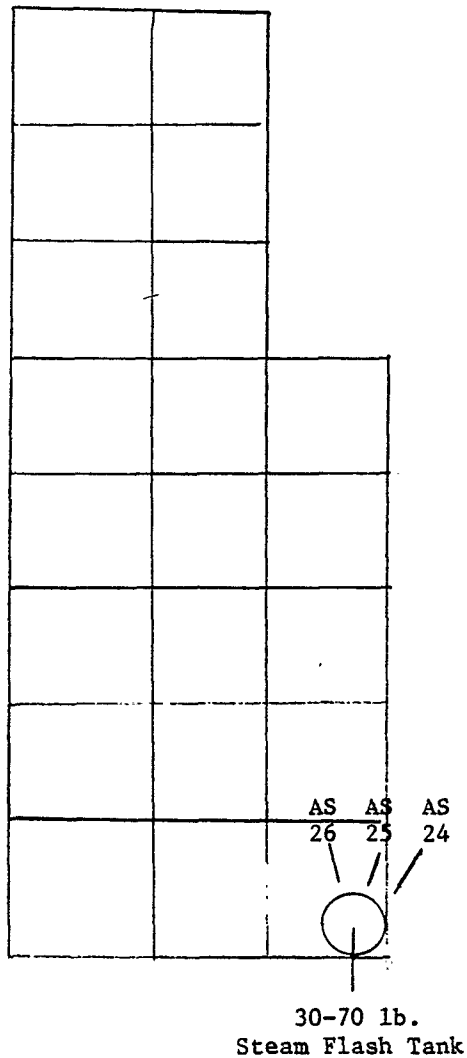
TABLE I
ASBESTOS REMOVAL - PERIPHERY MONITORING

[illegible]

* Pump Locations Are Noted In Table II

TABLE II
ASBESTOS REMOVAL FROM 30-70 LB. STEAM FLASH TANK
MONITORING RESULTS AND PUMP LOCATIONS

AS-24 24 Ft. NE From Flash Tank
AS-25 20 Ft. N From Flash Tank
AS-26 16 Ft. NW From Flash Tank



BLDG. 542
DIAMINE REFINING

DUP 0814329

DU 009782

TABLE III

D DATA FROM MINI NPH

DAY	TIME	WIND SPEED	WIND DIR. (N=0,E=90)	AMBIENT TE MPERATURE	BAROMETRIC PRESSURE	RELATIVE H UMIDITY
====	====	=====	=====	=====	=====	=====
145	1455	4.800	153.720	89.100	28.146	55.300
145	1446	4.200	143.640	90.150	28.136	55.800
145	1435	7.800	129.960	90.600	28.172	56.700
145	1426	3.800	108.720	92.100	28.138	51.500
AVG.		5.150	134.010	90.488	28.148	54.825
SIGMA		1.571	16.861	1.078	0.014	1.984

DU P 0814330

DU 009783