

ATTACHMENT A-1

WASHINGTON WORKS C-8 MAXIMUM 8-HR CONC. IN MICROGMS PER CU. M.
JUNE 4 1977 8 AM TO 4 PM CASE 1

STACK DATA

STACK NO.	DOWNWIND DISTANCE FROM REF. (FT)	CROSSWIND DISTANCE FROM REF. (FT)	EMISSION RATE OF POLLUTANT (SCFS)	STACK IDENTIFICATION
1	546.0	30.0	2.5000-03	WCT FINISHING FEP
2	0.0	78.0	1.0000-04	COAGULATOR FEP
3	552.0	20.0	1.2500-01	NO.2 DRYER
4	0.0	0.0	10.0000-08	NO.3 DRYER

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STACK DATA (CONT.)

STACK NO.	STACK HEIGHT (FT)	STACK TEMP. (DEG F)	STACK DIAMETER (FT)	VOLUMETRIC FLOW AT TO DEG F (SCFS)	MOLECULAR WEIGHT OF GAS	HEAT RELEASE OR BUILD HEIGHT	STUMKE OR BUILD WIDTH OR HEIGHT	PLUME RISE EQUATION USED	VOLUMETRIC FLOW AT ARO. TEMP. (CU.FT./SEC)	GAS EXIT VELOCITY (FT/SEC)
1	55.00	82.00	1.00	48.60	29.00	.00	.00	0-EPA	44.26	50.07
2	41.00	82.00	.83	8.10	29.00	.00	.00	0-EPA	6.04	15.20
3	70.00	103.00	1.62	82.10	29.00	.00	.00	0-EPA	81.80	48.03
4	70.00	103.00	1.62	82.10	29.00	.00	.00	0-EPA	81.80	48.03
CONTOUR LEVEL IS 6.33926										
CONTOUR LEVEL IS 5.00000										
CONTOUR LEVEL IS 5.00000										
CONTOUR LEVEL IS 5.00000										
CONTOUR LEVEL IS 1.00000										
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CONTOUR LEVEL IS 2.50000										
CONTOUR LEVEL IS 2.50000										
CONTOUR LEVEL IS 5.00000										

FIRST FRANK WRITTEN HAS

0.0000, 11 WAS BEYOND LIMITS XL = -4.8914, YL = -3.7250, XII = 15.8914, YH = 12.2250

FIRST FRANK WRITTEN WAS 1

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CALL RCPLLOT( 20.0000, .0000, 11 WAS BEYOND LIMITS XL = -4.8914, YL = -3.7250, XH = 15.8914, YH = 12.2250
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WASHINGTON WORKS C-8 MAXIMUM 8-HR CONC. IN MICROGRAMS PER CU. M.
JUNE 4 1977 8 AM TO 4 PM CASE 1A

STACK DATA

STACK NO.	DOWNWIND		CROSSWIND		EMISSION		RATE OF POLLUTANT IDENTIFICATION
	DISTANCE FROM REF. (FT)	ANGLE (FT)	DISTANCE FROM REF. (FT)	ANGLE (FT)	TYPE		
1	546.0	30.0	25000-03	WET FINISHING FEP			
2	552.0	76.0	10000-04	COAGULATOR FEP			
3	0.0	20.0	12500-01	NO. 2 DRYER			
4	0.0	20.0	14500-01	NO. 3 DRYER			

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ATTACHMENT B

WASHINGTON WORKS C-8 MAXIMUM 8-HR CONC. IN MICROGMS PER CU. M.
JUNE 4 1977 8 AM TO 4 PM CASE 1

Hour	WIND SPEED (FT/SEC)	ACTUAL WIND DIRECTION DEG	STABILITY CLASS ICLASS	Ambient TEMP DEG F1	INVERSION LAYER ELEV (FT)
1	3.28	207.00	3	66.00	2400.00
2	6.89	301.00	2	70.00	3000.00
3	3.28	306.00	1	73.00	3700.00
4	6.88	359.00	1	77.00	4300.00
5	11.00	300.00	2	79.00	4700.00
6	10.20	366.00	2	79.00	5600.00
7	10.20	302.00	2	81.00	5600.00
8	8.53	279.00	2	82.00	5600.00
9	7.73	294.62		75.87	4387.50
DAY					

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