

GRAB SAMPLING AMBIENT MONITORING

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DATE	WIND DIRECTION	WIND VELOCITY	SPLE. #1 UPWIND	SPLE. #2 DOWNWIND	SPLE. #3 DOWNWIND	SPLE. #4 DOWNWIND	SPLE. #5 DOWNWIND	DESCRIPTION/ COMMENTS
6/6/74	← S/W	6.8 MPH		INVALID DATA 52.4	14.8		17.6 (a)	#5 (a) Sple in Bldg. 731
6/17/74			43.5				21.3 (b)	#5 (b) Sple 1/2 mi. Downwind
7/10/74	Northeast	250 FPM	.00 (1/16 mi)	.43 (3/16 mi)	.26 (3/16 mi)	.38 (3/16 mi)		
7/11/74	Southeast	250 FPM	.09 (1/16 mi)	.55 (1/2 mi)	.51 (1/2 mi)	2.41 (1/2 mi)		
7/15/74	North	650 FPM	.24 (1/8 mi)	.45 (1/8 mi)	.38 (1/8 mi)	2.19 (1/8 mi)		
7/16/74	Southwest	150 FPM	.33 (1/8 mi)	.78 (3/8 mi)	.61 (3/8 mi)	.40 (3/8 mi)		
7/17/74	Southwest	650 FPM	.25 (1/8 mi)	.71 (3/8 mi)	.74 (3/8 mi)	.45 (3/8 mi)		
7/18/74	Southwest	300 FPM	.03 (1/8 mi)	.32 (1/4 mi)	.50 (1/4 mi)	.68 (3/8 mi)		
7/22/74	North	600 FPM	.00 (1/8 mi)	.68 (1/8 mi)	.13 (1/8 mi)	.23 (1/8 mi)		
7/23/74	Northeast	400 FPM	.00 (1/8 mi)	.45 (1/8 mi)	.56 (1/8 mi)	.13 (1/8 mi)		

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DATE	WIND DIRECTION	WIND VELOCITY	SPLE. #1 UPWIND	SPLE. #2 DOWNWIND	SPLE. #3 DOWNWIND	SPLE. #4 DOWNWIND	SPLE. #5 DOWNWIND	DESCRIPTION/ COMMENTS
7/24/74	East	100 FPM	.00 (3/16 mi)	.31 (3/16 mi)	.00 (3/16 mi)	.00 (3/16 mi)		
7/25/74	East	300 FPM	.00 (3/16 mi)	.28 (3/16 mi)	.00 (3/16 mi)	.04 (3/16 mi)		
7/29/74	West	800 FPM	.24 (1/16 mi)	.00 (1/4 mi)	.00 (1/4 mi)	.76 (1/4 mi)		
7/30/74	West	800 FPM	.15 (3/16 mi)	1.10 (1/4 mi)	.27 (1/4 mi)	.15 (1/4 mi)		
7/31/74	West	300 FPM	.16 (3/16 mi)	.16 (1/4 mi)	.57 (1/4 mi)	.23 (1/4 mi)		
8/5/74	South	50 FPM	.00 (1/8 mi)	.00 (3/8 mi)	.00 (1/8 mi)	.00 (3/8 mi)		
8/6/74	Southwest	< 50 FPM	.00 (1/8 mi)	.00 (1/8 mi)	.00 (1/8 mi)	.00 (1/8 mi)		
8/7/74	North	100 FPM	.00 (1/8 mi)	.00 (1/8 mi)	.00 (1/8 mi)	.00 (1/8 mi)		
8/8/74	Northeast	100 FPM	.00 (3/16 mi)	.00 (3/16 mi)	.00 (3/16 mi)	1.14 (3/16 mi)		
8/12/74	South	200 FPM	.00 (1/8 mi)	.00 (3/8 mi)	.00 (3/8 mi)	.00 (3/8 mi)		

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DATE	WIND DIRECTION	WIND VELOCITY	SPL. #1 UPWIND	SPL. #2 DOWNWIND	SPL. #3 DOWNWIND	SPL. #4 DOWNWIND	SPL. #5 DOWNWIND	DESCRIPTION/ COMMENTS
8/13/74	South	100 FPM	.77 (1/8 mi)	.00 (3/8 mi)	.00 (3/8 mi)	.00 (3/8 mi)		
8/14/74	East	600 FPM	.00 (1/8 mi)	.54 (3/16 mi)	.00 (3/16 mi)	.00 (3/16 mi)		
8/19/74	South	500 FPM	.17 (1/8 mi)	.25 (3/8 mi)	.44 (3/8 mi)	.40 (3/8 mi)		
AVERAGES			.12	.33	.24	.46		

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Study Conducted 6/6/74 - 8/19/74.

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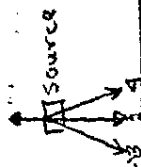


EXHIBIT III

DATE	WIND Direction Speed	WIND Velocity	SPL#1 UPWIND	SPL#2 DOWNWIND	SPL#3 DOWNWIND	SPL#4 DOWNWIND	SPL#5	DESCRIPTION / COMMENTS
6/6/74	SW	6.8 FPM	43.5	52.4	14.8		17.6 (a)	45 FPM IN BLK TBL
6/17/74							21.3 (b)	#500 SILE 12.0 mi (TBL)
7/10/74	NORTH	250 FPM	0.0	43	26	33		
	EAST		(1/16 mi)	(3/16 mi)	(5/16 mi)	(5/16 mi)		
7/11/74	SOUTH	450 FPM	0.1	55	51	7.41		
	EAST		(1/16 mi)	(1/2 mi)	(1/2 mi)	(1/2 mi)		
7/15/74	NORTH	450 FPM	.24	45	38	2.13		
			(1/8 mi)	(1/8 mi)	(1/8 mi)	(1/8 mi)		
7/16/74	SOUTH	150 FPM	.33	70	61	40		
	WEST		1/8	3/8	3/8	3/8		
7/17/74	SOUTH	650 FPM	.25	71	74	45		
	WEST		1/8	3/8	3/8	3/8		
7/18/74	SOUTH	300 FPM	.03	32	50	6.3		
	WEST		1/8	1/4	1/4	3/8		
7/19/74	NORTH	600 FPM	.00	68	13	2.3		
			1/8	1/8	1/8	1/8		
7/23/74	NORTH	400 FPM	.00	45	56	1.3		
	EAST		1/8	1/8	1/8	1/8		
7/24/74	EAST	100 FPM	.00	31	0.0	0.0		
			3/16	3/16	3/16	3/16		
7/25/74	EAST	300 FPM	.00	28	0.0	0.4		
			3/16	3/16	3/16	3/16		
7/29/74	WEST	800 FPM	.24	20	0.0	76		
			1/16	1/4	1/4	1/4		
7/30/74	WEST	800 FPM	.15	110	27	15		
			3/16	1/4	1/4	1/4		
7/31/74	WEST	300 FPM	.16	16	57	23		
			3/16	1/4	1/4	1/4		
8/15/74	SOUTH	50 FPM	.00	90	100	0.0		
			1/8	3/8	3/8	3/8		
8/16/74	SOUTH	450 FPM	.00	00	0.0	0.0		
	WEST		1/8	1/8	1/8	1/8		

NGC 17809