433401

SITE NAME ARKANSAS CHEMICAL

PID NO. 2PD-1782

SAMPLER NAME K. McMAHON

MINI-RAM NO. —

DATE 9/2/88

O2/LEL NO. —

WEATHER DESCRIPTION SUNNY, WARM

PID BACKGROUND 0.2 PPM

MINI-RAM BACKGROUND —

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0900	PARKING LOT	0.2			
	TRANS SHED	0.2			
	CONT. REDUC. SHED	0.2			
	BLDG 28 1ST FL	0.2			
	BLDG 24	0.2			

COMMENTS:

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME K. McMAHON

DATE 9/1/88

WEATHER DESCRIPTION PARTLY SUNNY, WARM

PID NO. 2PD - 1782

MINI-RAM NO. —

O2/LEL NO. —

PID BACKGROUND 0.2

MINI-RAM BACKGROUND —

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0830	PARKING LOT	0.2			
	TRANS. SHED	0.2			
	CONT RED SHED	0.2			
	1ST FL BLD 28	0.2			
	OUT REAR BLD 28	0.2			
	BLD 24	0.2			

COMMENTS: STAGING RECRA EMPTY DRUMS IN BOX TRAILER FROM BLD 24

ASBESTOS AIR SAMPLING RECORD AND WORKSHEET

Account

Location ARKANSAS CHEMICAL

Survey Date 10/26/88

Process Description/Employee Activities FINAL AIR TESTS

Shift 1 **Page** 1

LAB USE ONLY

Project # _____ Analyst _____

Date Rec'd _____ Analyzed _____

Date Mailed _____ Phoned _____

SAMPLE # / PUMP #	SAMPLE LOCATION	TIME ON	TIME OFF	Total Min.	FLOW RATE	AIR VOLUME	LAB RESULTS # Fibers Per 100 Fields	LAB RESULTS F/CC
579	FINAL AIR TEST - 4th FLOOR TANK ENCLOSURE	8:17 AM	11:37 PM	200	6.0 / 6.0	1200	5½	<0.002
580	FINAL AIR TEST - 1st FLOOR TANK ENCLOSURE NEAR ENTERANCE	8:22 AM	11:42 PM	200	6.0 / 6.0	1200	5	<0.002
581	FINAL AIR TEST - 1st FLOOR TANK ENCLOSURE AT REAR OF BLD	8:29 AM	11:49 PM	200	6.0 / 6.0	1200	6½	0.002
582	BLANK	—	—	—	—	—	½	—

Accredited Environmental Technologies, inc.

HYGIENIST: GRANT

CALIBRATION DATA: # 030

P.1

JAN 01 '87 12:02

ASBESTOS AIR SAMPLING RECORD AND WORKSHEET

LAB USE ONLY

Project # _____ Analyst _____

Date Rec'd _____ Analyzed _____

Date Mailed _____ Phoned _____

Account	Location	Survey Date
CHEMICAL WASTE MGT	ARKANSAS OIL CO. 185 FOUNDRY ST. NEWARK, NJ.	10/17/88

Process Description/Employee Activities: REMOVE MATERIAL FROM TANKS 405 406 – 412 413 AND 408

Shift: 1 Page: 1

SAMPLE # / PUMP #	SAMPLE LOCATION	TIME ON	TIME OFF	Total Min.	FLOW RATE	AIR VOLUME	LAB RESULTS # Fibers Per 100 Fields	LAB RESULTS F/CC
4453	REMOVAL MATERIAL FROM 4TH FLOOR 082-66-9020 EDGAR FRIJOO	7:40 AM	11:40 AM	240	2.0 / 2.0	480	14	0.0143
4456	082-66-9020 EDGAR FRIJOO	1:00 PM	3:40 PM	160	2.0 / 2.0	320	6½	0.0199
4454	4TH FLOOR BUILDING #28 PILLER #3A AT EYEWASH	8:00 AM	3:35 PM	455	2.0 / 2.0	910	5½	0.003
4455	4TH FLOOR BUILDING #28 CLEAN ROOM OF DECON	8:05 AM	3:45 PM	460	2.0 / 2.0	920	8	0.004

ASBESTOS AIR SAMPLING RECORD AND WORKSHEET

LAB USE ONLY

Project # _____ Analyst _____

Date Rec'd _____ Analyzed _____

Date Mailed _____ Phoned _____

Account	Location	Survey Date
CHEMICAL WASTE MGT	ARKANSAS OIL CO. 185 FOUNDRY ST NEWARK N.J.	10/13/88

Process Description/Employee Activities	Shift	Page
	1	1

SAMPLE # / PUMP #	SAMPLE LOCATION	TIME ON	TIME OFF	TIME Total Min.	FLOW RATE	AIR VOLUME	LAB RESULTS # Fibers Per 100 Fields	LAB RESULTS F/CC
2630	FINAL SAMPLES LARGE BOILER BUILDING #16	7:00 AM			8.0		4½	<.001
2629	FINAL SAMPLE SMALL BOILER BUILDING #16	7:05 AM			8.0		4	<.001
2631	CLEAN CHAMBER OF DECON IN BOILER ROOM	7:45 AM			2.0		3½	<.004
	10/11/88							
2626	Boiler room Equar						21	.037
2632	BLANK	8:10 AM						

PCM

HYGIENIST: J. Conrad

CALIBRATION DATA: .037

Accredited Environmental Technologies, inc.

ASBESTOS AIR SAMPLING RECORD AND WORKSHEET

LAB USE ONLY

Account: PO # BS-2846 CHEMICAL WASTE MGT

Location: ARMANINO ORG BOX 185 FOUNDRY ST 11.57 NEWARK N.J. 150

Survey Date: 2/8/88

Project #: ____ Analyst: ____

Date Rec'd: ____ Analyzed: ____

Process Description/Employee Activities: AIR PLUME - SMALL & LARGE BOILER IN BUILDING #16

Shift: 2.0 Page: 1

Date Mailed: ____ Phoned: ____

SAMPLE # / PUMP #	SAMPLE LOCATION	TIME ON	TIME OFF	Total Min.	FLOW RATE	AIR VOLUME	LAB RESULTS # Fibers Per 100 Fields	LAB RESULTS F/CC
2621	DECON AREA CLEAN CLEAN CHAMBER IN BOILER ROOM	9:55 AM	3:50 PM	475	2.0 / 2.0	950		0.004
		10:10 AM						
2622	LARGE BOILER 085-50-7305 FRANCISCO ARIAS	9:25 AM	11:55 AM	150	2.0 / 2.0	300		0.136
2624	LARGE BOILER 085-50-7305 FRANCISCO ARIAS	1:15 PM	3:45 PM	150	2.0 / 2.0	300		0.182
2623	SMALL BOILER 070-46-8199 GUSTAVO GARCIA	9:27 AM	11:57 AM	150	2.0 / 2.0	300		0.059
2625	SMALL BOILER 070-46-8199 GUSTAVO GARCIA	1:10 PM	3:47 PM	157	2.0 / 2.0	314		0.135
2626	BLANK	10:10 AM						

HYGIENIST: J. Connors

CALIBRATION DATA: Rotameter 032

Accredited Environmental Technologies, inc.

891-0114

ASBESTOS AIR SAMPLING RECORD AND WORKSHEET

LAB USE ONLY

Account: PO # RS-2846 Location: ARMANINO OIL BOT 185 FOUNDRY ST 11.57 NEWARK NJ 150

Survey Date: 2/10/88

Project #: Analyst:

Date Rec'd: Analyzed:

Date Mailed: Phoned:

Process Description/Employee Activities: CHEMICAL WASTE MGT PLUME SMALL & LARGE BOILER IN BUILDING #16

Shift: 2.0 Page: 1

SAMPLE # / PUMP #	SAMPLE LOCATION	TIME ON	TIME OFF	Total Min.	FLOW RATE	AIR VOLUME	LAB RESULTS # Fibers Per 100 Fields	LAB RESULTS F/CC
2621	DECON AREA CLEAN CLEAN CHAMBER IN BOILER ROOM	7:55 AM	3:50 PM	475	2.0 / 2.0	950		0.004
	BLANK	10:10 AM						
							SYSTEM CALIB	
2622	LARGE BOILER 085-50-7305 FRANCISCO ARIAS	9:25 AM	11:55 AM	150	2.0 / 2.0	300		0.136
2624	LARGE BOILER 085-50-7305 FRANCISCO ARIAS	1:15 PM	3:45 PM	150	2.0 / 2.0	300		0.182
2623	SMALL BOILER 070-46-8199 GUSTAVO GARCIA	9:27 AM	11:57 AM	150	2.0 / 2.0	300		0.059
2625	SMALL BOILER 070-46-8199 GUSTAVO GARCIA	1:10 PM	3:47 PM	157	2.0 / 2.0	314		0.135
2626	BLANK	10:10 AM						

HYGIENIST: J. Cannon

CALIBRATION DATA: ROTAMETER 032

Accredited Environmental Technologies, inc.

891-0114

ASBESTOS AIR SAMPLING RECORD AND WORKSHEET

LAB USE ONLY

Project # _____ Analyst _____

Date Rec'd _____ Analyzed _____

Date Mailed _____ Phoned _____

Account	Location	Survey Date
CHEM. WASTE MANAGMENT	ARKANSAS CHEMICAL 185 FOUNDRY ROAD NEWARK N.J.	10/3/88

Process Description/Employee Activities: BASELINE SAMPLES

Shift: 1 Page: 1

SAMPLE # / PUMP #	SAMPLE LOCATION	TIME ON	TIME OFF	Total Min.	FLOW RATE	AIR VOLUME	LAB RESULTS # Fibers Per 100 Fields	LAB RESULTS F/CC
2612	5' x 8' x 10' TOTAL 400 FT SQ BUILDING #16 - 2 BOILERS	8:05 AM	3:55 PM	470	2.0 / 2.0	940	6 1/2	.003
2613	7 TANKS 110 FT SQ EACH BUILDING #28 - 4TH FLOOR	8:10 AM	3:45 PM	455	2.0 / 2.0	910	3 1/2	<.003
2614	3 TANKS, 350 FT SQ TOTAL BUILDING #28 - 1ST FLOOR	10:00 AM	3:50 PM	350	5.0 / 5.0	1750	3 1/2	<.002
2641	BLANK	8:30 AM						

HYGIENIST: [signature]

CALIBRATION DATA: ROTAMETER 037

Accredited Environmental Technologies, inc.

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SHEET ____ of ____

CLIENT/SUBJECT _____ W.O. NO. _____

TASK DESCRIPTION _____ TASK NO. _____

PREPARED BY _____ DEPT _____ DATE _____

MATH CHECK BY _____ DEPT _____ DATE _____

METHOD REV. BY _____ DEPT _____ DATE _____

APPROVED BY _____

DEPT _____ DATE _____

NO AIR MONITORING ON

TUESDAY, 9-6-88

WEDNESDAY, 9-7-88

THURSDAY, 9-8-88

KEVIN McMAHON, OHM, WAS

DEMOBED AT BEGINNING OF WEEK

RFW 10-05-003/A-5/85

8-31-88

SITE NAME ARKANSAS CHEMICAL PID NO. 2PD-1782

SAMPLER NAME K. McMAHON MINI-RAM NO. —

DATE 8/31/88 O2/LEL NO. —

WEATHER DESCRIPTION PARTLY SUNNY PID BACKGROUND 0.2

WARM MINI-RAM BACKGROUND —

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0830	EXCLUSION ZONE PERIMETER, BULKING AREA	0.2	—	—	—
0915	PARKING LOT	0.2	—	—	—
	TRANSITION SHED	0.2	—	—	—
	CONT. RED. SHED	0.2			
	1ST FL BLDG 28	0.2			
	1ST FL BLDG 28 REAR AT HOSE CUTTING OPERAT.	2.0 (AVG)			
	BULKING AREA OUT. BLDG 28	0.2			
	ACID SOLIDIFACTION BL 28 DRUM @ DRUM	10-30			
1430	EXCLUSION ZONE PERIMETER, BULKING	0.2			
1615	1ST FL BLDG 28	0.4			
	BULKING AREA	0.2			
	1ST FL BLDG 28 (REAR)	0.4			
	OUTSIDE REAR BLDG 28	0.2			
	TRANSITION SHED	0.2			
	CONT REDUC SHED	0.2			

COMMENTS: Bulking Base Neutral Solids AM / Drum crushing - PM

8/30/88

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME K M-MAHON

DATE 8/30/88

WEATHER DESCRIPTION PARTLY CLOUDY WARM, BREEZY

PID NO. 2PD-1782

MINI-RAM NO. N/A

O2/LEL NO. N/A

PID BACKGROUND 0.1

MINI-RAM BACKGROUND N/A

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0900	PARKING LOT	0.1			
	TRANSITION SHED	0.1			
	DECON SHED	0.1			
	BLDG 28 1ST FI	0.1			
	BULK AREA OUT BLD28	0.4			
	BEHIND BLD 28	0.4			
1335	TRANSITION SHED	0.2			
	BLDG 28 1ST FI	0.6			
	BULK AREA OUT BLD28	0.2			

COMMENTS: Packing base neutral solids

8/29/88

SITE NAME ARKANSAS CHEM

SAMPLER NAME K. M-MAHON

DATE 8/29/88

WEATHER DESCRIPTION CLOUDY AND RAINING

PID NO. _____

MINI-RAM NO. _____

O2/LEL NO. _____

PID BACKGROUND _____

MINI-RAM BACKGROUND _____

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0940	NO SAMPLING DUE TO RAIN				
	VISUAL OBSERVANCE ONLY				
1400	NO SAMPLING DUE TO RAIN				

COMMENTS: STAGING OVERPACKED DRUMS IN BOX TRAILER

8-2788

8/27/88.

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME J. OCOTT

DATE 8/27/88

WEATHER DESCRIPTION Clear AM, Cloudy, humid, PM

PID NO. 2PD-1782

MINI-RAM NO. N/A

O2/LEL NO. LOX 43

PID BACKGROUND Ø.2

MINI-RAM BACKGROUND N/A

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
10:40	PARKING LOT	Ø.2	—	—	—
10:41	OFFICE STOOP	Ø.2			
10:43	TRASITION SHED	Ø.2			
10:48	BLD G 28, CENTER	Ø.2			
10:50	Roll off Area	Ø.2			
11:00	Bulking Area	Ø.2			
11:15	POND AREA	Ø.2			
11:18	WEST FENCE LINE	Ø.2			
11:23	EAST FENCE LINE	Ø.2			
1410	TRASITION ZONE	Ø.2			
1420	BLDG 28B	Ø.2			
1424	BLD G 28	Ø.2			
1425	EAST FENCE	Ø.2			
1428	Roll off Area	Ø.2			
1429	West Fence	Ø.2			

COMMENTS: Bulking Bag Neutral Solids

8-26-88

8/26/88

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME T. OLCOTT

DATE 8/26/88

WEATHER DESCRIPTION clear, sunny, Humid

PID NO. 2PD-1782

MINI-RAM NO. N/A

O2/LEL NO. LOX 43

PID BACKGROUND Ø.2

MINI-RAM BACKGROUND N/A

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0730	OFFICE STEPS	Ø.2			
0740	WEST PERIMETER	Ø.2			
0750	EAST PERIMETER	Ø.2			
0810	PARKING LOT	Ø.2			
0830	POOL AREA	Ø.2			
0840	TRANSITION SHED	Ø.2			
1407	BLDG 28, CENTER	Ø.2			
1406	BULK AREA	Ø.2			
1411	BLDG 24	Ø.2			
1427	BLDG 28 B	Ø.2			
1448	EMPTY DRUM STORAGE	Ø.2			

COMMENTS: MOVING & WEIGHING DRUMS

8-25-88

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME T. OLCOTT

DATE 8/25/88

WEATHER DESCRIPTION PARTLY CLOUDY; COOL,

PID NO. 2PD-1782

MINI-RAM NO. N/A

O2/LEL NO. LOX 43

PID BACKGROUND Ø.2

MINI-RAM BACKGROUND N/A

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0800	OFFICE TRAILER	Ø.2	—	—	—
0805	TRANSITION ZONE	Ø.2	—	—	—
0815	BLDG 28, ENTRANCE	Ø.2	—	—	—
0820	BLDG 28, B. ZONE ACID	Ø.2			
0830	BULKING AREA;	Ø.2			
0930	EAST FENCE	Ø.2			
0933	WEST FENCE	Ø.2			
1410	PARKING LOT	Ø.2			
1415	TRANSITION SHED	Ø.2			
1430	PERIMETER, WEST FENCE	Ø.2			
1440	PERIMETER, EAST FENCE	Ø.2			
1450	ROLL OFF AREA	Ø.2			

COMMENTS: ACID PUMP

8-2488

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME T. OLCOTT

DATE 8/24/88

WEATHER DESCRIPTION Cloudy, Cool, Humid

PID NO. 2PD-1782

MINI-RAM NO. N/A

O2/LEL NO. LOT 43

PID BACKGROUND Ø.2

MINI-RAM BACKGROUND N/A

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1030	TRANSITION ZONE	Ø.2	—	—	—
1032	D-2, BLDG 28	Ø.2			
1040	BLDG 28 Center	Ø.2			
1048	BULK AREA	Ø.2			
11:01	WEST FENCE	Ø.2			
11:03	EAST FENCE	Ø.2			
1400	D-2, BLD 28	Ø.2			
1410	EAST Fence	Ø.2			
1415	West Fence	Ø.2			
1430	PARKING LOT	Ø.2			

COMMENTS:

8-23-88

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME J. OLCOTT

DATE 8/23/88

WEATHER DESCRIPTION Clear, Partly Cloudy, Cool

PID NO. 2PD-1782

MINI-RAM NO. N/A

O2/LEL NO. N LOX 43

PID BACKGROUND Ø.2

MINI-RAM BACKGROUND N/A

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0800	OFFICE STEPS	Ø.2	—	—	—
0828	TRANSITION ZONE Ø.2	Ø.2	—	—	—
0840	BLDG 29 CENTER	Ø.2			
0924	BULKING AREA	Ø.2			
1430	BULKING AREA	Ø.2			
1431	EAST FENCE LINE	Ø.2			
1432	WEST FENCE LINE	Ø.2			
1440	BLDG 28B	Ø.2			
1445	BLDG 28 CENTER	Ø.2			
1505	TRANSITION SHED	Ø.2			

COMMENTS:

8/22/88

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME J. ALCOTT

DATE 8/22/88

WEATHER DESCRIPTION Clear Sunny

PID NO. 2PD-1782

MINI-RAM NO. N/A

O2/LEL NO. C0K43

PID BACKGROUND 0.2 PPM

MINI-RAM BACKGROUND N/A

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0830	PARKING LOT	0.2	—	—	—
0831	TRANSITION ZONE D-2	0.2	—	—	—
0930	BLDG 28 / D-2	0.2	—	—	—
0931	BLDG 28, CENTER	0.2	—	—	—
0935	BULKING AREA	0.2	—	—	—
1415	TRANSITION ZONE	0.2	—	—	—
1417	BLDG-28	0.2	—	—	—
1424	BULKING AREA	0.2	—	—	—
1426	EAST FENCE AREA BULKING	0.2	—		

COMMENTS: All READINGS BACKGROUND

8/20/88

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME J. OLCOTT

DATE 8/20/88

WEATHER DESCRIPTION Cloudy, 74°F, 52% RH, 9 mph winds

PID NO. 2PD-1782

MINI-RAM NO. N/A

O2/LEL NO. LØX-43

PID BACKGROUND Ø.2 PPM

MINI-RAM BACKGROUND N/A

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING %	OXYGEN READING %
0825	BLDG 28 DECON 0-2	Ø.2	—	—	—
0835	ACID BULK SOLIDS AREA	Ø.2	—	—	—
0840	BLDG 28B, CENTER	Ø.2	—	—	—
0842	EAST FENCE LINE	Ø.2	—	—	—
0846	WEST FENCE LINE	Ø.2	—	—	—
1352	BLDG 28B ROLLUP DOOR	Ø.2	—	—	—
1353	BLDG 29 ENTRANCE 0-2	Ø.2	—	—	—
1354	ABOVE ROLL-OFF CONTAINER	1.0	—	—	—
1357	EMPTY DRUM AREA STORAGE	Ø.2	—	—	—

COMMENTS:

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME J. OLCOTT

DATE 8/19/88

WEATHER DESCRIPTION Clear, Sunny, Breezy

PID NO. 2PD-1782

MINI-RAM NO. N/A

O2/LEL NO. LOX-43

PID BACKGROUND Ø.2 PPM

MINI-RAM BACKGROUND N/A

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING %	OXYGEN READING %
0758	BULKING AREA, CENTER	Ø.2	N/A	Ø	20.9
0759	INSIDE BULKING CHAMBER CLEAN	Ø.2	N/A	Ø	20.9
0808	ENTRANCE TO BLDG 28	Ø.2	N/A	Ø	20.9
0810	BULKING AREA, EAST FENCE	Ø.2	N/A	Ø	20.9
0812	BULKING AREA, WEST FENCE	Ø.2	N/A	Ø	20.9
0846	BULK AREA, BREATHING ZONE WHEN PUMPING	4	N/A	Ø	20.9
1520	OFFICE TRAILER STEPS Acid Bulking	0.2	N/A	Ø	20.9
1530	" "	Ø.2	N/A	Ø	20.9
1535	" "	Ø.2	N/A	Ø	20.9
1550	" "	Ø.2	N/A	Ø	20.9

COMMENTS:

8/18/88

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME J. ULCOT

DATE 8/18/88

WEATHER DESCRIPTION Clear, Sunny, Breezy

PID NO. 2PD-1782

MINI-RAM NO. N/A

O2/LEL NO. LOX 43

PID BACKGROUND Ø.2 PPM

MINI-RAM BACKGROUND N/A

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING %	OXYGEN READING %
0850	BULKING AREA	0.2	N/A	Ø	20.9
0852	BULK AREA WEST FENCE	Ø.2	N/A	Ø	20.9
0855	BLDG 28, CENTER	Ø.2	N/A	Ø	20.9
0856	ENTRANCE TO BLDG 28	Ø.2	N/A	Ø	20.9
0900	BLDG 28B, CENTER	Ø.2	N/A	Ø	20.9
0903	BLDG 28B, Roll-up door	Ø.2	N/A	Ø	20.9
1414	BLDG 28B Roll up door	Ø.2	N/A	Ø	20.9
1415	BULKING AREA / WEST FENCE, while pumping	Ø.4	N/A	Ø	20.9
1418	ENTRANCE TO BLDG 28 DRUM 2	Ø.2	N/A	Ø	20.9
1430	BULKING AREA EAST FENCE	Ø.2	N/A	Ø	20.9
1440	BULKING AREA BREATHING ZONE BY DRUM-PUMPING	15	N/A	Ø.	20.9

COMMENTS:

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME J. OLCOTT

DATE 8/17/98

WEATHER DESCRIPTION SUNNY, HOT HUMID

PID NO. 2PD-1782

MINI-RAM NO. N/A

O2/LEL NO. L0X43

PID BACKGROUND Ø.2 PPM

MINI-RAM BACKGROUND N/A

TIME	LOCATION	PID READING (PPM)	MINI-RAM READING	LEL READING (%)	OXYGEN READING (%)
0900	TRANSITION SHED	Ø.2	N/A	Ø	20.9
0915	BLDG 29 DECON AREA	Ø.2	N/A	Ø	20.9
0920	BULKING AREA WEST SIDE	Ø.4	N/A	Ø	20.9
0930	BULKING AREA EAST PORCE	Ø.2	N/A	Ø	20.9
1500	TRANSITION SHED	Ø.2	N/A	—	—
1510	BLDG 28, DECON AREA	Ø.2	N/A	—	—
1515	BLDG 28, CENTER	Ø.2	N/A	—	—
1520	BLDG. 28, REAR	Ø.2	N/A	—	—
1525	BULK AREA	0.4	N/A	—	—
1530	BLDG 28B	0.8	N/A	—	—

COMMENTS: LEL/O2 NOT TAKEN IN AFTERNOON

#5359E

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME J. OLCOTT

DATE 8/16/88

WEATHER DESCRIPTION SUNNY, HOT, CLEAR; BREEZY

PID NO. 2PA-1782

MINI-RAM NO. N/A

O2/LEL NO. LOX 43

PID BACKGROUND Ø.2 PPM

MINI-RAM BACKGROUND N/A

TIME	LOCATION	PID READING (PPM)	MINI-RAM READING	LEL READING (%)	OXYGEN READING (%)
0930	ENTRANCE TO BLDG 28 DECON #2	Ø.2	N/A	Ø	20.9
0940	POOL AREA	Ø.8		Ø	20.9
0945	BULKING AREA WHEN PUMPING	Ø.2		Ø	20.9
1000	NEAR TRUCK; PUMPING	Ø.2		Ø	20.9
1015	" "	Ø.2		Ø	20.9
1018	ON TOP OF CHAMBER	Ø.8-1.Ø		Ø	20.9
1019	REAR DOOR, BLDG 28	Ø.2		—	—
1605	ENTRANCE TO BLDG 28 DECON #2	Ø.2		—	—
1610	BULKING AREA, WEST FENCE	Ø.2		—	—
1615	BULKING AREA, EAST FENCE	Ø.2		—	—

COMMENTS:

SITE NAME #5359E ARKANSAS CHEMICAL

SAMPLER NAME J. OLCOTT

DATE 9/15/91

WEATHER DESCRIPTION Sunny 80°F, Hot, Humid

PID NO. 2PD-1782

MINI-RAM NO. N/A

O2/LEL NO. LOX 43

PID BACKGROUND 0.2 PPM

MINI-RAM BACKGROUND N/A

TIME	LOCATION	PID READING (PPM)	MINI-RAM READING	LEL READING	OXYGEN READING
10:30	ENTRANCE TO BLDG 28	0.2	N/A	0%	20.9%
10:40	FIRST FLR BLDG 28	0.2	N/A	0%	20.9%
10:45	2ND FLR, BLDG 28	0.2	N/A	0%	20.9%
1400	TRANSITION ZONE	4.0	N/A	—	—
1430	BLDG 28/POOLS	20 PPM	—	—	—
1500	BULKING AREA	10 PPM	—	—	—

COMMENTS:

US EPA

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME J. CAYTON

DATE DEC. 9, 1987

WEATHER DESCRIPTION 60°, CLOUDY

BAROMETER 29.92↓ WINDS SW 17-25

PID NO. 2PD-31

MINI-RAM NO.

O2/LEL NO.

PID BACKGROUND 0.2

MINI-RAM BACKGROUND

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1330	OUTSIDE TRANSITION ZONE	0.2			
1340	BLDG. 28 1st FLR.	0.2			
1345	BLDG 28B	0.2			
1350	BEHIND BLDG 28	0.2			
1400	NEAR TANK 815	0.2			
1408	BLDG 28B DRUMS	0.2			
1415	BLDG 28 4th FLR	0.2			
1420	BLDG 28-4 NH4 ROOM	0.2			
1430	BLDG 28 3RD FLR	0.2			
1440	BLDG 28 2ND FLR	0.2			
1450	BLDG 28 1ST FLR	0.2			
1455	BLDG 28B	0.2			
1500	NEAR TANK 815	0.2			
1510	BLDG 28 1ST FLR	0.2			
1515	TRANSITION ZONE	0.2			

COMMENTS:

SITE NAME USEPA ARKANSAS CHEMICAL

SAMPLER NAME J. CAYTON

DATE DEC. 8, 1987

WEATHER DESCRIPTION 34°, Sunny, Barometer 30.43 ↓, 66° Humidity, Calm

PID NO. 2 PD - 31

MINI-RAM NO.

O2/LEL NO.

PID BACKGROUND 0.8

MINI-RAM BACKGROUND

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING

COMMENTS:

US EPA

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME J. CAYTON

DATE DEC. 7, 1987

WEATHER DESCRIPTION Sunny

36°, BAROMETER 30.40↑, WIND W 5KTS.

PID NO. 2PD 30

MINI-RAM NO. NA

O2/LEL NO.

PID BACKGROUND 0.3

MINI-RAM BACKGROUND

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0830	BLDG 28- 1st FLR	0.3			
0835	BLDG 28- 1st FLR	0.3			
0840	BLDG 26	0.3			
0845	BLDG 27	0.3			
0850	BLDG 28- 1ST FLR	0.3			
0900	TRANSITION ZONE	0.3			
0910	OUTSIDE OFFICE	0.3			
1300	OUTSIDE TRANSITION	0.3			
1305	BLDG 28- 1ST	0.3			
1315	BLDG 28- 1ST	0.3			
1325	BLDG 26	0.3			
1335	BLDG 27	0.3			
1340	BLDG 28 - 1ST	0.3			
1405	OUTSIDE OFFICE	0.3			

COMMENTS:

US EPA

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME E. DISANTO

DATE 12/5/87

WEATHER DESCRIPTION T-32° RH 55% BP 29.75↑ NW 15mph

PID NO. 2PD30

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.4

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1300	28 1ST	0.8	NA	0	20.9
1315	28 "	0.6		"	"
1330	28 "	0.4		"	"

COMMENTS:

SITE NAME US EPA ARKANSAS CHEMICAL

SAMPLER NAME E. DiSANTO

DATE 12/4/87

WEATHER DESCRIPTION RAIN

RH 85% AVG. 40°F

PID NO. 2PD30

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.8

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0700	BACKGROUND	0.8			

COMMENTS: NO READINGS / HIGH HUMIDITY.

US EPA

SITE NAME ARKANSAS CHEMICAL

SAMPLER NAME E-DiSANTO

DATE 12/3/87

WEATHER DESCRIPTION T-31° RH-65% T-41° RH-50% BP 30.03 W SW 6mph BP 29.84 W SW 7mph

PID NO. 2PD30

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.4

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING

COMMENTS:

US EPA

SITE NAME ARKANSAS CHEMICAL PID NO. 2PD30

SAMPLER NAME E. DI SANTO MINI-RAM NO. NA

DATE 12/2/87 O2/LEL NO. LOX 27

WEATHER DESCRIPTION T. 42° RH 42% T. 39° RH 39% PID BACKGROUND 0.4

BP 29.72↑ vNW 16mph

BP 29.83↑ W-NW 15mph MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1135	BLDG 28 1ST	0.6	NA	0	20.9
1140	" 28B 1ST	0.6		"	"
1150	" 28 2ND	0.6		"	"
1200	" 28 3RD	0.4		"	"
1205	" 28 4TH	0.4		"	"
1550	BLDG 28 1ST	0.4		"	"
1600	" 28 2ND	0.4		"	"
1610	" 28 2ND	0.4		"	"
1615	" 28 1ST	0.4		"	"

COMMENTS:

SITE NAME US EPA ARKANSAS CHEMICAL

SAMPLER NAME E. DI SANTO

DATE 12/1/87

WEATHER DESCRIPTION T- 51° RH- 51% 51° RH- 50%
BP- 29.50 W-W 10mph
BP- 29.49- W-W 7mph

PID NO. 2PD30

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.6

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0735	BLDG 28 2ND	0.6	NA	0	20.9
0740	" " 1ST	0.6		"	"
0745	" 28B 1ST	0.6		"	"
0750	" 28 2ND	0.6		"	"
0800	" 28 3RD	0.6		"	"
0805	" 28 4TH	0.6		"	"
0815	" 28 2ND	0.8		"	"
1630	BLDG 28 2ND	0.6		"	"
1640	" " 1ST	0.6		"	"
1645	" " 2ND	0.6		"	"

COMMENTS:

SITE NAME US EPA ARKANSAS CHEMICAL

SAMPLER NAME E. DI SANTO

DATE 11/24/87

WEATHER DESCRIPTION 0800 - 43° RH-60% BP-39.17 W-SW-5mph

PID NO. 2PD30

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.6

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0800	28 A 1ST	0.8	NA	0	20.9
0810	28 B 1ST	0.8		"	"
0820	28 A 2ND	0.6		"	"
0830	" "	0.8		"	"

COMMENTS:

SITE NAME US EPA ARKANSAS CHEMICAL

SAMPLER NAME E. DiSANTO

DATE 11/23/87

WEATHER DESCRIPTION 0800 - 30° RH-38% 1300 - 48° RH-36%
BP - 33.19 W-SW 10mph
BP - 37.18 W-SW 8mph

PID NO. 2PD30

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.6

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1005	BLDG. 28A 1ST	0.6	NA	0	20.9
1010	" 28B 1ST	0.6		"	"
1015	" 28A 2ND	0.8		"	"
1020	" 28A 3RD	0.6		"	"
1025	" 28A 4TH	0.6		"	"
1030	" 28A 2ND	0.6		"	"
1555	BLDG 28A 1ST	0.6		"	"
1600	" 28B 1ST	0.6		"	"
1605	" 28A 2ND	0.6		"	"
1610	" 28A 3RD	0.6		"	"
1615	" 28A 4TH	0.6		"	"
1620	" 28A 1ST	0.6		"	"

COMMENTS:

SITE NAME US EPA ARKANSAS CHEMICAL

SAMPLER NAME E. DiSANTO

DATE 11/21/87

WEATHER DESCRIPTION 0800 - 46° RH - 50% 1400 - 55° RH - 54%
BP-36.20 - W - SW 5mph
BP-35.00 - W - SW 8mph

PID NO. 2PD30

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.6

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1030	BLDG 28A 1ST	0.6	NA	0	20.9
1040	" 24A	0.6		"	"
1050	" 24A	0.6		"	"
					"
1335	BLDG 28A 1ST	0.6		"	"
1340	" 28B 1ST	0.6		"	"
1345	" 24A	0.6		"	"
1350	" 24A	0.6		"	"

COMMENTS:

SITE NAME: US EPA ARKANSAS CHEMICAL

SAMPLER NAME: E. DI SANTO

DATE: 11/20/87

WEATHER DESCRIPTION: 0800 - 33° RH-46% 1400 - 50° RH-47%
BP-31.10↓ W SW 10mph
BP-30.10↓ W SW 8mph

PID NO.: 2PD30

MINI-RAM NO.: NA

O2/LEL NO.: LOX 27

PID BACKGROUND: 0.6 ppm

MINI-RAM BACKGROUND: NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1135	BLDG 28 A 1ST	0.8	NA	0	20.9
1140	" " B 1ST	0.8		"	"
1145	" 28A 2ND	0.6		"	"
1150	" " 3RD	0.6		"	"
1155	" " 4TH	0.6		"	"
1200	" " 2ND	0.6		"	"
1525	BLDG 28A 1ST	0.8		"	"
1530	" 28B 1ST	0.6		"	"
1535	" 28A 2ND	0.6		"	"
1540	" " 3RD	0.6		"	"
1545	" " 4TH	0.6		"	"
1555	" " 2ND	0.6		"	"

COMMENTS:

SITE NAME US EPA ARKANSAS CHEMICAL

SAMPLER NAME E. DiSANTO

DATE 11/19/87

WEATHER DESCRIPTION 0800 - 8° RH-40% 1500 - 0° RH-42%
BP 30.11 ↓ W-SW 6mph
BP 30.11 — W-SW 7mph

PID NO. 2PD30

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.6 ppm

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0935	BLDG 28A 1ST	0.8	NA	0	20.9
0940	" 28B 1ST	0.8		"	"
0945	" 28A 2ND	0.8		"	"
0950	" 28A 3RD	0.6		"	"
1000	" 28A 4TH	0.6		"	"
1010	" 25 1ST	0.6		"	"
1540	BLDG 28A 1ST	0.6		"	"
1545	" 28B	0.6		"	"
1550	" 28A 2ND	0.6		"	"
1555	" 28A 3RD	0.6		"	"
1600	" 28A 4TH	0.6		"	"
1610	" 25 1ST	0.6		"	"
1615	" 25 BASEMENT	0.6		"	"

COMMENTS:

SITE NAME US EPA ARKANSAS CHEMICAL

SAMPLER NAME E. DiSANTO

DATE 11/18/87

WEATHER DESCRIPTION 0800 - 25° RH 38%
1300 - 26° RH 36%
BP - 29.70 W - N - 12 mph
BP - 29.00 W - N - 18 mph

PID NO. 2PD 30

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.6 ppm

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1005	BLDG 28A 1ST	0.8	NA	0	20.9
1010	" 28B 1ST	0.8		"	"
1015	" 28A 2ND	0.6		"	"
1020	" 28A 3RD	0.6		"	"
1025	" 28A 4TH	0.6		"	"
1040	" 28A 2ND	0.6		"	"
1320	BLDG. 28A 1ST	0.8		"	"
1325	" 28B 1ST	0.8		"	"
1330	" 28A 2ND	0.8		"	"
1335	" 28A 3RD	0.6		"	"
1340	" 28A 4TH	0.6		"	"
1345	" 28A 2ND	0.6		"	"
1400	" 25 1ST	0.6		"	"

COMMENTS:

SITE NAME US EPA ARKANSAS SITE

SAMPLER NAME E. DiSANTO

DATE 11/17/87

WEATHER DESCRIPTION

PID NO. 2PD30

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.6 ppm

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0905	BLDG 28A 1ST	0.6	NA	0	20.9
0910	" 28B 1ST	0.6		"	"
0915	" 28A 2ND	0.6		"	"
0920	" 28A 3RD	0.6		"	"
0925	" 28A 4TH	0.6		"	"
0935	" 25 1ST	0.6		"	"
1315	BLDG 28A 1ST	0.6		"	"
1320	" 28B 1ST	0.6		"	"
1325	" 28A 2ND	0.6		"	"
1330	" 28A 3RD	0.6		"	"
1335	" 28A 4TH	0.6		"	"
1345	" 25 1ST	0.8		"	"

COMMENTS:

SITE NAME US EPA ARKANSAS CHEMICAL

SAMPLER NAME E. DiSANTO

DATE 11/16/87

WEATHER DESCRIPTION 0800 - 40° RH-40% 1300 - 55 RH-47% BP - 36.76 — W - SW 6mph BP - 38.17 W - SW 5mph

PID NO. 2PD30

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.4

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1135	OTIS REPAIRS	0.6	NA	0	20.9
1150	"	0.4		"	"
1210	"	0.4		"	"
1225	"	0.6		"	"
1240	"	0.4		"	"
1255	"	0.4		"	"
1310	"	0.6		"	"
1325	"	0.4		"	"
1410	"	0.6		"	"
1430	"	0.4		"	"
1450	"	0.4		"	"
1510	"	0.4		"	"
1530	"	0.4		"	"
1550	"	0.4		"	"

COMMENTS: MONITORED OTIS REPAIRS ON 28A, 1ST, 4TH, ROOF

THURSDAY
NOV. 12, 1987

SITE NAME: US EPA ARKANSAS CHEMICAL
SAMPLER NAME: E. DI SANTO
DATE: 11/12/87
WEATHER DESCRIPTION: 0900-35° RH-61% 1400-43° RH-67%
BP 30.10 W-NW 8mph
BP 29.86 W-N 15mph

PID NO.: 2PD30
MINI-RAM NO.: NA
O2/LEL NO.: LOX 27
PID BACKGROUND: 0.6
MINI-RAM BACKGROUND: NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0950	BLDG 28 1ST	0.6	NA	0	20.9
0955	" 28B 1ST	0.8		"	"
1000	" 28 2ND	0.6		"	"
1010	" 25 1ST	0.6		"	"
1015	" 30 1ST	0.6		"	"
1020	" 31 1ST	0.6		"	"
1025	" 31 2ND	0.6		"	"
1030	" 25 BASEMENT	0.8		"	"
1530	BLDG 28 1ST	0.8		"	"
1535	" 28B 1ST	0.8		"	"
1540	" 28 2ND	0.6		"	"
1545	" 28 3RD	0.6		"	"
1550	" 28 4TH	0.6		"	"
1600	" 25 1ST	0.6		"	"
1610	" 30 1ST	0.8		"	"

COMMENTS:

WEDNESDAY
NOV. 11, 1987

SITE NAME: US EPA ARKANSAS CHEMICAL NEWARK NJ

SAMPLER NAME: E. DI SANTO

DATE: 11/11/87

WEATHER DESCRIPTION: 0900 - 30°F RH 96% 1500 - 31°F RH 98%
BP - 31.67 ↓ WIND - N 14 mph
BP 29.87 ↓ WIND N 15 mph

PID NO.: 2 PD 30

MINI-RAM NO.: NA

O2/LEL NO.: LOX 27

PID BACKGROUND: 0.8

MINI-RAM BACKGROUND: NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0800	BLDG 28 1ST	—	NA	0	20.9
0815	BLDG. 28B 1ST	—		0	20.9
0830	BLDG 25 1ST	—		0	20.9
1330	BLDG 25 1ST	—		0	20.9

COMMENTS: HUMIDITY VERY HIGH (97%) UNABLE TO USE PID.

TUESDAY
NOV. 10, 1987

SITE NAME USEPA ARKANSAS CHEMICAL NEWARK NJ

SAMPLER NAME E. DiSANTO

DATE 11/10/87

WEATHER DESCRIPTION 40° RH 88% 32° RH 96%
BP 30.22↓ WIND N-14 mph
BP 30.07↓ WIND N-17 mph

PID NO. 2PD30

MINI-RAM NO. NA

O2/LEL NO. LOT 27

PID BACKGROUND 0.6

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0800	BLDG. 28 1ST	0.8	NA	0	20.9
0810	" 28B 1ST	0.8		"	"
0815	" 28 2ND	0.6		"	"
0820	" 28 3RD	0.6		"	"
0825	" 28 4TH	0.6		"	"
0850	" 25 1ST	0.8		"	"
0855	" 25 BASEMENT	0.6		"	"
1510	BLDG 28 1ST	1.2			
1515	" 28B 1ST	1.4			
1525	" 28 2ND	1.2			
1530	" 28 3RD	0.8			
1535	" 28 4TH	0.8			
1550	" 25 1ST	0.8			

COMMENTS: HIGH HUMIDY / EFFECTS PID

MONDAY
NOV. 9, 1987

SITE NAME USEPA ARKANSAS CHEMICAL NEWARK NJ

SAMPLER NAME E. DI SANTO

DATE 11/9/87

WEATHER DESCRIPTION 40° - RH 67% 55° - RH 68%
BP - 27.83 W N - 8 mph
BP - 28.90 W N - 6 mph

PID NO. 2PD30

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.4 ppm

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1035	BUILDING 25 1ST	0.6	NA	0	20.9
1045	" 25 1ST	0.4		"	"
1050	" 28 1ST	98		"	"
1055	" 28B 1ST	0.8		"	"
1100	" 28 2ND	0.6		"	"
1105	" 28 3RD	0.4		"	"
1110	" 28 4TH	0.4		"	"
1115	" 31 1ST	0.6		"	"
1120	" 25 1ST	0.6		"	

COMMENTS:

FRIDAY

NOV. 6, 1987

SITE NAME USEPA ARKANSAS CHEM.

PID NO. 2PD30

SAMPLER NAME E. DISANTO

MINI-RAM NO. NA

DATE 11/6/87

O2/LEL NO. LOX 27

WEATHER DESCRIPTION 0800 - 36° - RH 56% 1300 - 41° - RH 54% BP 43.00 WIND NW - 10mph BP 42.00 WIND NW - 15mph

PID BACKGROUND 0.4

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1100	BLDG 28 1ST	1.8	NA	0	20.9
1105	" 28B 1ST	1.6		"	"
1110	" 28 2ND	0.8		"	"
1115	" 28 3RD	0.4		"	"
1120	" 28 4TH	0.4		"	"
1130	" 25 1ST	0.4		"	"
1135	30 1ST	0.6		"	"
1530	BLDG 28 1ST	1.6		"	"
1535	" 28B 1ST	1.6		"	"
1540	" 28 2ND	0.6		"	"
1545	" 28 3RD	0.4		"	"
1550	" 28 4TH	0.4		"	"
1600	" 25 1ST	0.6		"	"
1605	" 30 1ST	0.6		"	"
1615	" 25 BASEMENT	0.8		"	"

COMMENTS:

THURSDAY
NOV. 5, 1987

SITE NAME USEPA ARKANSAS CHEMICAL NEWARK

PID NO. 2PD30

SAMPLER NAME E. DiSANTO

MINI-RAM NO. NA

DATE 11/5/87

O2/LEL NO. LOX 27

WEATHER DESCRIPTION 0800 - 47° RH-40% 1300 - 58 RH-30% BP 35.01 - WIND N 8mph BP 36.05 - WIND NW 10mph

PID BACKGROUND 0.6

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1120	BLDG. 28 1ST	1.8	NA	0	20.9
1125	" 28B 1ST	2.4		"	"
1130	" 28 2ND	0.8		"	"
1140	BLDG. 25 1ST	0.6		"	"
1145	" 30 1ST	0.6		"	"
1150	BLDG 25 BASEMENT	1.0		"	"
1550	BLDG. 28 1ST	2.2		"	"
1555	" 28B 1ST	2.4		"	"
1600	" 28 2ND	0.6		"	"
1605	" 28 3RD	0.6		"	"
1610	" 28 4TH	0.4		"	"
1620	" 25 1ST	0.6		"	"
1630	" 30 1ST	0.6		"	"
1635	" 25 BASEMENT	0.8		"	"

COMMENTS:

WEDNESDAY
NOV. 4, 1987

SITE NAME US EPA ARKANSAS CHEMICAL NEWARK NJ.

PID NO. 2PD30

SAMPLER NAME E. DI SANTO

MINI-RAM NO. NA

DATE 11/4/87

O2/LEL NO. LOX 27

WEATHER DESCRIPTION 0800 - 53° RH 40% 1400 - 68° RH 44% BP 38.67 L WIND NW 8 mph BP 38.10 - WIND NW 10 mph

PID BACKGROUND 0.4

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1005	BLDG 28 1ST	1.8	NA	0	20.9
1010	" 28B 1ST	2.0		"	"
1015	" 28 2ND	0.8		"	"
1020	" 28 3RD	0.4		"	"
1025	" 28 4TH	0.4		"	"
1035	" 25 1ST	0.4		"	"
1040	" 30 1ST	0.8		"	"
1045	" 31 1ST	0.6		"	"
1050	" 31 2ND	0.6		"	"
1055	" 25 BASEMENT	0.8		"	"
1330	BLDG. 28 1ST	1.6		"	"
1335	" 28 2ND	0.8		"	"
1340	" 28 3RD	0.4		"	"
1345	" 28 4TH	0.4		"	"
1350	" 28B 1ST	2.4		"	"
1355	" 25 1ST	0.8		"	"
1410	" 30 1ST	0.6		"	"

COMMENTS:

TUESDAY
Nov. 3, 1987

SITE NAME US EPA ARKANSAS CHEMICAL NEWARK NJ

PID NO. 2P030

SAMPLER NAME E. DI SANTO

MINI-RAM NO. NA

DATE 11/3/87

O2/LEL NO. LOX 27

WEATHER DESCRIPTION 0900 45° RH 30% 1400 67° RH 40%
BP 47.01 WIND W 4mph
BP 44.01 WIND W 6mph

PID BACKGROUND 0.4

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0835	BLDG. 28 1ST	1.8	NA	0	20.9
0840	" 28B 2ND	2.0		"	"
0845	" 28 2ND	0.6		"	"
0850	" 28 3RD	0.4		"	"
0855	" 28 4TH	0.4		"	"
0908	" 25 1ST	0.4		"	"
0910	" 25 2ND	0.4		"	"
0915	" 30 1ST	0.6		"	"
0920	" 31 1ST	0.6		"	"
0925	" 31 2ND	0.6		"	"
0930	" 25 BASEMENT	0.8		"	"
1520	" 28 1ST	2.4		"	"
1525	" 28B 1ST	2.6		"	"
1530	" 28 2ND	0.8		"	"
1545	" 25 1ST	0.6		"	"
1550	" 30 1ST	0.6		"	"
1600	" 31 1ST	0.6		"	"
1605	" 31 2ND	0.6		"	"
1615	" 25 BASEMENT	0.8		"	"

COMMENTS:

MONDAY

NOV. 2, 1987

SITE NAME USEPA ARKANSAS CHEMICAL NEWARK NJ

SAMPLER NAME E. DI SANTO

DATE 11/2/87

WEATHER DESCRIPTION 0900 47° RH 67% 1400 58° RH 65%
BP 40.10 WIND NW 7mph
BP 42.09 - WIND NW 6mph

PID NO. 2PD 30

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.4

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1050	BLDG 28 1ST	0.8	NA	0	20.9
1055	" 28B 1ST	1.2	"	"	"
1100	" 28 2ND	0.6	"	"	"
1105	" 28 3RD	0.6	"	"	"
1110	" 28 4TH	0.6	"	"	"
1120	" 25 1ST	0.4	"	"	"
1125	" 25 2ND	0.4	"	"	"
1130	" 30 1ST	0.6	"	"	"
1135	" 31 1ST	0.6	"	"	"
1140	" 31 2ND	0.6	"	"	"
1530	BLDG 28 1ST	1.4	"	"	"
1535	" 28B 1ST	1.2	"	"	"
1540	" 28 2ND	0.8	"	"	"
1545	" 28 3RD	0.6	"	"	"
1550	" 28 4TH	0.4	"	"	"
1600	" 25 BASEMENT	0.8	"	"	"
1605	" 25 BASEMENT	0.6	"	"	"

COMMENTS:

SATURDAY

OCTOBER 31, 1987

SITE NAME USEPA ARKANSAS CHEMICAL NEWARK, NJ

PID NO. 2PD30

SAMPLER NAME E. DI SANTO

MINI-RAM NO. NA

DATE 10/31/87

O2/LEL NO. LOX 27

WEATHER DESCRIPTION 0800 - 53°F RH 29% 1300 - 62°F RH 39%

PID BACKGROUND 0.3ppm

BP-27.93↑ WIND NW 7mph
BP-30.44↑ WIND - NW 10mph

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1000	BLDG 28A 1ST	1.8	NA	0	20.9
1005	" 28B 1ST	1.6	"	"	"
1010	" 28A 2ND	0.8	"	"	"
1015	" 28A 3RD	0.6	"	"	"
1020	" 28A 4TH	0.4	"	"	"
1030	" 25 1ST	0.4	"	"	"
1035	" 25 BASEMENT	0.8	"	"	"
1400	BLDG. 28A 1ST	2.2	"	"	"
1405	" 28B 1ST	1.8	"	"	"
1410	" 25 1ST	0.4	"	"	"
1415	" 25 BASEMENT	0.6	"	"	"

COMMENTS:

FRIDAY
OCTOBER 30, 1987

SITE NAME USEPA ARKANSAS CHEMICAL NEWARK NJ

PID NO. 2PD30

SAMPLER NAME E. DiSANTO

MINI-RAM NO. NA

DATE 10/30/87

O2/LEL NO. LOX 2X

WEATHER DESCRIPTION 0900 45°F RH-62% 1400 58° RH-62%
BP-30.32↓ W-SE 3mph
BP-27.91↓ W-SE 6mph

PID BACKGROUND 0.4

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1345	BLDG 28 1ST	2.0	NA	0	20.9
1350	" 28B	1.8		"	"
1355	" 28 2ND	0.8		"	"
1400	" 28 3RD	0.6		"	"
1405	" 28 4TH	0.4		"	"
1415	" 25 1ST	0.4		"	"
1420	" 25 2ND	0.4		"	"
1425	" 30 1ST	0.6		"	"
1430	" 31 1ST	0.6		"	"
1435	" 31 2ND	0.6		"	"
1440	" 25 BASEMENT	1.0		"	"
1600	28 1ST	2.4		"	"
1605	28 2ND	2.0		"	"
1630	25 BASEMENT	1.4		"	"

COMMENTS:

THURSDAY
10/29/87

SITE NAME US EPA ARKANSAS CHEMICAL

SAMPLER NAME E. DI SANTO

DATE 10/29/87

WEATHER DESCRIPTION 0700-40°F RH-72% 1400-53°F RH-72%
BP-30.01 WIND-W 9 mph
BP-30.01 WIND-W 10mph

PID NO. 2P030

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.4

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1100	BLDG 28 1ST	2.4	NA	0	20.9
1105	" 28B	2.8		"	"
1110	" 28 2ND	1.2		"	"
1115	" 28 3RD	0.8		"	"
1120	" 28 4TH	0.8		"	"
1130	BLDG 25 1ST	0.6		"	"
1135	" 30 1ST	0.6		"	"
1140	" 31 1ST	0.4		"	"
1145	" 31 2ND	0.6		"	"
1150	BLDG 25 BASEMENT	1.4		"	"
1500	BLDG 28 1ST	2.8		"	"
1505	" 28B	2.4		"	"
1510	" 28 2ND	0.8		"	"
1515	" 28 3RD	0.6		"	"
1520	" 28 4TH	0.6		"	"
1535	" 25 BASEMENT	1.2		"	"

COMMENTS:

WEDNESDAY
OCTOBER 28, 1987

SITE NAME US EPA ARKANSAS CHEMICAL

SAMPLER NAME E. DI SANTO

DATE OCTOBER 28, 1987

WEATHER DESCRIPTION 0900-57° RH-59% 1500-53° RH-52%
BP-29.76↑ WIND W 8mph
BP-29.89↑ WIND NW 9mph

PID NO. 2PD31

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.4 PPM

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1100	BLDG 28A 1ST	0.4	NA	0	20.9
1105	" 28B	0.6		"	"
1110	" 28A 2ND	0.6		"	"
1115	" 28A 3RD	0.6		"	"
1120	" 28A 4TH	0.4		"	"
1130	" 24A	0.4		"	"
1140	BLDG 25 1ST	0.6		"	"
1145	" 30	0.6		"	"
1150	" 31	0.4		"	"
1155	" 25 BASEMENT	0.8		"	"
1600	BLDG 28 1ST	0.6		0	20.9
1605	" 28B 1ST	0.8		"	"
1610	" 28 2ND	0.6		"	"
1615	" 28 3RD	0.6		"	"

COMMENTS:

TUESDAY
OCTOBER 27, 1987

SITE NAME US EPA ARKANSAS CHEMICAL

SAMPLER NAME E. DISANTO

DATE OCTOBER 27, 1987

WEATHER DESCRIPTION 0800 - 52°F - RH 53% 1500 - 59°F - RH 74%
BP - 30.10 WIND N 5mph
BP - 29.69 - WIND E 8mph

PID NO. 2PD 31

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.4 ppm

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0800	BLDG 28A 1ST	0.6	NA	0	20.9
0810	" 2ND	0.6		"	"
0815	" 3RD	0.8		"	"
0830	BLDG 25 BASEMENT	1.2		"	"
1330	BLDG 28A 1ST	0.6		0	20.9
1335	" 28B 1ST	0.6		"	"
1340	" 28A 2ND	0.4		"	"
1345	" 28A 3RD	0.6		"	"
1350	" 28A 4TH	0.4		"	"
1600	" 25 BASEMENT	1.2		"	"
1610	" " "	1.0		"	"

COMMENTS:

MONDAY
OCTOBER 26, 1987

SITE NAME: US EPA ARKANSAS CHEMICAL
SAMPLER NAME: E. DiSANTO
DATE: 10/26/87
WEATHER DESCRIPTION: 0800-48°F-RH 67% 1400-58°F-RH 65%
BP 30.91↓ WIND E 6mph
BP 28.80↓ WIND NE 10mph

PID NO.: ZPD31
MINI-RAM NO.: NA
O2/LEL NO.: LOX 27
PID BACKGROUND: 0.4 ppm
MINI-RAM BACKGROUND: NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1115	BLDG 28A 1ST	0.6	NA	0	20.9
1120	" 28B 1ST	0.6		"	"
1135	" 28A 2ND	0.4		"	"
1140	" 28A 3RD	0.4		"	"
1145	28A 4TH	0.6		"	"
1150	28A 1ST	0.6		"	"
1155	24A	0.4		"	"
1200	24A	0.4		"	"
1210	BLDG 25 BASEMENT	1.2		"	"
1600	BLDG 28A 1ST	0.6		0	20.9
1605	28B 1ST	0.6		"	"
1610	28A 2ND	0.4		"	"
1615	28A 3RD	0.4		"	"
162	28A 4TH	0.4		"	"
1630	BLDG 25 BASEMENT	1.0		"	"
1635	" "	1.2		"	"

COMMENTS:

SATURDAY
OCTOBER 24, 1987

SITE NAME US EPA ARKANSAS CHEMICAL

PID NO. ZPD31

SAMPLER NAME E. DI SANTO

MINI-RAM NO. NA

DATE 10/24/87

O2/LEL NO. LOX 27

WEATHER DESCRIPTION 0800 - 46°F - RH 98% 1300 - 53°F - RH 64%
BP - 47.90 WIND NE - 4 mph
BP - 38.60 - WIND NE - 6 mph

PID BACKGROUND 0.2 ppm

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1100	BLDG 25 BASEMENT	1.2	NA	0	20.9
1110	" " "	1.4		"	"
1125	BLDG 28A 1ST	0.8		"	"
1130	" 28B 1ST	0.6		"	"
1135	" 28A 2ND	0.4		"	"
1140	" 28A 3RD	0.6		"	"
1145	" 28A 4TH	0.6		"	"
1400	BLDG 25 BASEMENT	1.0		0	20.9
1410	" " "	1.0		"	"

COMMENTS:

FRIDAY
OCTOBER 23, 1987

SITE NAME USEPA ARKANSAS CHEMICAL
PID NO. 2PD31
SAMPLER NAME E. DI SANTO
MINI-RAM NO. NA
DATE 10/23/87
O2/LEL NO. LOX 27
WEATHER DESCRIPTION 0800 - 38°F - RH 67% 1400 - 41°F - RH 65%
BP - 38.17 ↓ WIND N 6mph
BP - 35.67 WIND N 10mph
PID BACKGROUND 0.3 PPM
MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1030	BLDG 25 BASEMENT	0.8	NA	0	20.9
1035	" "	1.0		"	"
1045	BLDG 28 1ST	0.6		"	"
1050	" 2ND	0.6		"	"
1055	" 3RD	0.4		"	"
1100	" 4TH	0.4		"	"
1105	BLDG 28B 1ST	0.6		"	"
1330	BLDG 28A 1ST	0.6		0	20.9
1335	" 28B "	0.8		"	"
1345	" 28A 2ND	0.6		"	"
1350	" 28A 3RD	0.4		"	"
1355	" 28A 4TH	0.6		"	"
1400	" 24A	0.6		"	"
1445	BLDG 25 BASEMENT	1.0		0	20.9
1455	" " "	1.0		"	"

COMMENTS:

THURSDAY
OCTOBER 22, 1987

SITE NAME USEPA ARKANSAS CHEMICAL NEWARK NJ

PID NO. 2PD31

SAMPLER NAME E. DiSANTO

MINI-RAM NO. NA

DATE 10/22/87

O2/LEL NO. LOX 27

WEATHER DESCRIPTION 0800-48° RH-66% 1400-62° RH-72%

PID BACKGROUND 0.6 ppm

BP-30.01-WIND-SW5 mph
BP-30.01↓ WIND SE8mph

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0800	BLDG 25 BASEMENT	1.2	NA	0	20.9
0815	"	1.0		"	"
0830	"	1.0		"	"
0845	"	1.2		"	"
0900	"	1.0		"	"
1300	BLDG. 25 BASEMENT	1.4		0	20.9
1315	"	1.2		"	"
1330	"	1.4		"	"
1345	"	1.2		"	"
1400	"	1.0		"	"
1415	BLDG 28 A 1ST	0.8		0	20.9
1430	" 28 B	0.8		"	"
1440	" 28A 2ND	0.6		"	"
1450	" 28A 3RD	0.6		"	"
1500	" 28A 4TH	0.6		"	"
1515	" 24A	0.6		"	"
1530	" 25 1ST	0.8		"	"

COMMENTS:

WEDNESDAY
OCTOBER 21, 1987

SITE NAME US EPA ARKANSAS CHEM. (NEWARK) PID NO. 2PD04

SAMPLER NAME E. DiSANTO MINI-RAM NO. NA

DATE 10/21/87 O2/LEL NO. LOX 27

WEATHER DESCRIPTION RAIN-0800-43°F-RH100% 1600-56°F-RH 61% PID BACKGROUND 0.6 ppm
BP-30.09↓ WIND W 10mph
BP-29.09↓ WIND W 8mph MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0745	BASEMENT BLDG. 25	1.8	NA	0	20.9
0800	"	1.6		0	"
0815	"	1.8		0	"
0830	"	1.8		0	"
0845	"	2.2		0	"
0900	"	2.4		0	"
0915	"	2.0		0	"
0930	"	2.4		0	"
0945	"	2.0		0	"
1000	"	2.0		0	"
1015	"	2.0		0	"
1030	"	1.8		0	"
1045	"	2.0		0	"
1200	BLDG. 28 A 1ST	0.6		0	"
1205	" 2ND	0.4		0	"
1210	" 3RD	0.6		0	"
1215	" 4TH	0.6		0	"
1530	BLDG 25 BASEMENT	1.8		0	"
1600	"	1.6		0	"
1630	"	2.0		0	"

COMMENTS:

TUESDAY
OCTOBER 20, 1987

SITE NAME: US EPA ARKANSAS CHEM. NEWARK NJ

SAMPLER NAME: E. DI SANTO

DATE: 10/20/87

WEATHER DESCRIPTION: 0800 48°F - RH 68% 1500 62°F - RH 72%
BP 38.02 ↓ - SE 5mph
BP 30.01 ↓ WIND SE. 8mph

PID NO.: 2PD04

MINI-RAM NO.: NA

O2/LEL NO.: LOX 27

PID BACKGROUND: 0.4 PPM

MINI-RAM BACKGROUND: NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0800	BLDG 25: BASEMENT	2.0	NA	0	20.9
0815	" "	1.8		"	"
0830	" "	1.8		"	"
0845	" "	2.0		"	"
0900	" "	1.6		"	"
0915	" "	2.0		"	"
0930	" "	2.0		"	"
1245	BLDG 25: BASEMENT	2.0		"	"
1300	" "	2.0		"	"
1315	" "	1.8		"	"
1330	" "	2.0		"	"
1345	" "	1.6		"	"
1400	" "	1.6		"	"
1415	" "	1.8		"	"
1430	" "	2.0		"	"
1445	" "	2.0		"	"
1500	" "	1.8		"	"

COMMENTS:

MONDAY
OCTOBER 19, 1987

SITE NAME: USEPA ARKANSAS CHEMICAL NEWARK NJ.

SAMPLER NAME: E. DI SANTO

DATE: 10/19/87

WEATHER DESCRIPTION: 0800-50°F-RH 76% 1400-68°F-RH 37%
BP 30.16↑ WIND NE 5mph
BP 30.11↓ WIND SW 7mph

PID NO.: 2PD04

MINI-RAM NO.: NA

O2/LEL NO.: LOX 27

PID BACKGROUND: 0.3ppm

MINI-RAM BACKGROUND: NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0830	BLDG 25: BASEMENT	2.4	NA	0	20.9
0845	"	2.6		"	"
0900	"	2.6		"	"
0915	"	2.4		"	"
0930	"	2.2		"	"
0945	"	2.0		"	"
1000	"	2.4		"	"
1230	BLDG. 25: BASEMENT	5.8		0	20.9
1245	" WEST	4.7		"	"
1300	" WEST	4.4		"	"
1315	" EAST	8.7		"	"
1330	" EAST SUMP	11.4		"	"
1345	" EAST SUMP	12.8		"	"
1400	" N.E	8.6		"	"
1415	" CENTER	3.6		"	"
1430	" EAST	10.8		"	"
1445	" SUMP	11.6		"	"

COMMENTS:

FRIDAY
10/16/87 1/2

SITE NAME: US EPA ARKANSAS CHEMICAL NEWARK N.J

SAMPLER NAME: E. DiSANTO

DATE: 10/16/87

WEATHER DESCRIPTION: 0800 - 64°F - RH 34% 1400 69°F - RH38% BP - 38.29 - WIND SE 6mph BP - 38.27 - WIND SE 6mph

PID NO.: 2PD04

MINI-RAM NO.: NA

O2/LEL NO.: LOX 27

PID BACKGROUND: 0.4 ppm

MINI-RAM BACKGROUND: NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0800	BLDG 25: BASEMENT	2.4	NA	0	20.9
0815	"	2.8		"	"
0830	"	2.8		"	"
0845	"	2.6		"	"
0900	"	2.8		"	"
0915	"	2.8		"	"
0930	"	2.8		"	"
0945	"	3.8		"	"
1000	"	3.6		"	"
1015	"	3.6		"	"
1030	"	3.8		"	"
1045	"	4.6		"	"
1100	"	3.8		"	"
1115	"	3.6		"	"
1130	"	3.6		"	"
1145	"	3.6		"	"
1200	"	3.6		"	"
1430	"	4.6		"	"
1445	"	4.2		"	"
1500	"	3.8		"	"

COMMENTS:

FRIDAY
10/16/87 2/2

SITE NAME: US EPA ARKANSAS CHEM. NEWARK NJ.

SAMPLER NAME: E. DiSANTO

DATE: 10/16/87

WEATHER DESCRIPTION: 0800-64°F-RH 34% 1400-69°F-RH 38%
BP-38.27- WIND SE 6mph
BP-38.29- WIND SE 6mph

PID NO.: 2PDØ4

MINI-RAM NO.: NA

O2/LEL NO.: LOX 27

PID BACKGROUND: 0.4 ppm

MINI-RAM BACKGROUND: NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1515	BLDG 25 BASEMENT	3.8	NA	0	20.9
1530	" "	3.8		"	"
1545	" "	3.8		"	"
1600	" "	3.8		"	"
1615	" "	3.8		"	"
1630	" "	3.8		"	"

COMMENTS:

THURSDAY
10/15/87

SITE NAME US EPA ARKANSAS CHEMICAL NEWARK NJ

SAMPLER NAME E. DI SANTO

DATE 10/15/87

WEATHER DESCRIPTION 0800 - 40°F RH 85% 1400 - 70°F RH 23%
BP 30.27 ↓ WIND CALM
BP 31.17 ↓ WIND - NW 8mph

PID NO. 2PD04

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.3 ppm

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0800	BLDG 25 BASEMENT	0.8	NA	0	20.9
0805	" "	0.8		"	"
0810	" "	0.8		"	"
0815	" "	0.6		"	"
0820	" "	0.8		"	"
0825	" "	0.8		"	"
0830	" "	0.6		"	"
0845	" "	0.8		"	"
0900	" "	0.8		"	"
0915	" "	0.8		"	"
0930	" "	0.8		"	"
0945	" "	0.8		"	"
1000	" "	0.8		"	"
1330	" "	1.4		"	"
1345	" "	1.6		"	"
1400	" "	1.8		"	"
1415	" "	2.4		"	"
1430	" "	2.5		"	"
1445	" "	3.0		"	"
1500	" "	2.8		"	"

COMMENTS:

WEDNESDAY
10/14/87

SITE NAME USEPA ARKANSAS CHEMICAL NEWARK, NJ

PID NO. 2PD04

SAMPLER NAME E. DiSANTO

MINI-RAM NO. NA

DATE 10/14/87

O2/LEL NO. Lox 27

WEATHER DESCRIPTION 0800 - 50°F - RH 30% 1400 - 65°F - RH 43% BP 30.14 - WIND N - 9mph BP - 30.09 ↓ WIND N - 6mph

PID BACKGROUND 0.2 ppm

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1130	BUILDING 25/30	0.4	NA	0	20.9
1138	" 28A 1ST	0.4		"	"
1145	" 28B	0.6		"	"
1150	" 28A 2ND	0.4		"	"
1155	" 28A 3RD	0.6		"	"
1200	" 28A 4TH	0.6		"	"
1600	BUILDING 25	0.4		0	20.9
1605	" 30	0.4		"	"
1610	" 31	0.6		"	"
1620	BUILDING 28A 1ST	0.4		"	"
1625	" 28B	0.6		"	"
1635	" 28 2ND	0.4		"	"
1640	" 28 3RD	0.4		"	"
1645	" 28 4TH	0.4		"	"

COMMENTS:

TUESDAY
10/13/87

SITE NAME US EPA ARKANSAS CHEMICAL NEWARK, NJ

SAMPLER NAME E. DI SANTO

DATE 10/13/87

WEATHER DESCRIPTION 0800 - 48°F - RH43% 1400 - 57F - RH26%
BP 30.17 ↓ WIND N 14mph
BP 30.16 ↓ WIND N 15 mph

PID NO. 2PD 04

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.3 ppm

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1100	BLDG 25 1ST/2ND	0.4	NA	0	20.9
1105	" 30 LAB #1	0.6		"	"
1110	" 31 LAB #2/3	0.6		"	"
1115	" 31 LAB #4	0.6		"	"
1125	BLDG 28 A 1ST	0.4		"	"
1130	" 28 B	0.4		"	"
1135	" 28A 2ND	0.4		"	"
1140	" 28A 3RD	0.4		"	"
1145	" 28A 4TH	0.4		"	"
1430	BLDG 25 1ST	0.4		0	20.9
1435	" 25 2ND	0.4		"	"
1440	" 30 LAB 1	0.6		"	"
1445	" 31 LAB 2	0.6		"	"
1450	" 31 LAB 3	0.4		"	"
1455	" 31 LAB 4	0.4		"	"
1505	" 28A 1ST	0.6		"	"
1510	" 28B 1ST	0.6		"	"
1520	" 28A 2ND	0.4		"	"
1530	" " 3RD	0.6		"	"
1540	" " 4TH	0.4		"	"

COMMENTS:

MONDAY
OCTOBER 12, 1987

SITE NAME US EPA ARKANSAS CHEMICAL ~~NEWARK NJ.~~

SAMPLER NAME E. DISANTO

DATE 10/12/87

WEATHER DESCRIPTION 0800 - 42°F - RH 76% 1400 - 52°F - RH 50%
BP 30.13↓ WIND N 12mph
BP 30.09↓ WIND NE 7 mph

PID NO. 2PD04

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.3 ppm

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1110	BLDG 25 1ST	0.6	NA	0	21.9
1115	" 30 LAB #1	0.8		"	"
1120	" 31 LAB #2	0.8		"	"
1125	" 31 LAB #3	1.2		"	"
1130	" 31 LAB #4	0.6		"	"
1140	BLDG 28A 1ST	0.6		"	"
1145	" 28B	0.6		"	"
1150	" 28A 2ND	0.4		"	"
1155	" 28A 3RD	0.4		"	"
1200	" 28A 4TH	0.6		"	"
1515	BLDG 28A 1ST	0.4		0	8
1520	" 28B	0.4		"	"
1530	" 28A 2ND	0.4		"	"
1540	" 28A 3RD	0.6		"	"
1550	" 28A 4TH	0.4		"	"

COMMENTS:

SATURDAY
OCTOBER 10, 1987

SITE NAME US EPA ARKANSAS CHEMICAL NEWARK, NJ

PID NO. 2PD04

SAMPLER NAME E. DISANTO

MINI-RAM NO. NA

DATE 10/10/87

O2/LEL NO. LOX 27

WEATHER DESCRIPTION 0800 - 49°F RH-79% 1400 - 59°F RH-65%
BP - 3035 ↑ WIND-SW 9 mph
BP - 30.35 ↓ WIND-SW 6 mph

PID BACKGROUND 0.4 ppm

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0815	BLDG. 25 1ST	0.6	NA	0	20.9
0820	" " 2ND	0.4		"	"
0830	" 30 LAB #1	0.8		"	"
0845	BLDG. 28A 1ST	0.8		"	"
0855	" 28B 1ST	0.8		"	"
0905	" 28A 2ND	0.6		"	"
0915	28A 3RD	0.6		"	"
0930	28A. 4TH	0.6		"	"
1400	BLDG 25 1ST	0.6		0	20.9
1405	" 30 LAB #1	0.6		"	"
1415	" 28A 1ST	0.4		"	"
1420	" 28B 1ST	0.6		"	"
1425	" 28A 2ND	0.6		"	"
1430	" 28A 3RD	0.8		"	"
1435	" 28A 4TH	0.4		"	"
					"

COMMENTS:

FRIDAY
OCTOBER 9, 1987

SITE NAME US EPA ARKANSAS CHEMICAL NEWARK NJ.

SAMPLER NAME E. DiSANTO

DATE 10/9/87

WEATHER DESCRIPTION 0800 - 42°F RH - 96% 1400 - 58°F RH - 40%
BP - 30.43↑ WIND - W 5mph
BP - 30.40↓ WIND - SW 10mph

PID NO. 2PD 04

MINI-RAM NO. NA

O2/LEL NO. Lox 27

PID BACKGROUND 0.4 ppm

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0930	28A 1ST	0.6	NA	0	20.9
0945	28B 1ST	0.8		0	20.9
0955	28A 2ND	0.6		0	20.9
1005	28A 3RD	0.4		0	20.9
1015	28A 4TH	0.6		0	20.9
1025	25 1ST	0.4		0	20.9
1030	30 LAB #1	0.8		0	20.9
1040	31 LAB #2	1.8		0	20.9
1045	31 LAB #3	0.8		0	20.9
1055	31 2ND LAB #4	0.6		0	20.9
1500	25 1ST	0.6		0	20.9
1505	25 2ND	0.4		0	20.9
1515	30 LAB #1	0.8		0	"
1525	28A 1ST	0.6		0	"
1530	28B 1ST	0.6		0	"
1540	28A 2ND	0.4		0	"
1550	28A 3RD	0.6		0	"
1600	28A 4TH	0.8		0	"

COMMENTS:

AIR MONITORING FIELD DATA SHEET
HNU (PHOTOIONIZATION DETECTOR)

3/1/85

INCIDENT NAME: ARKANSAS CHEMICAL

INCIDENT LOCATION: 185 FOUNDRY ST.

NEWARK, NJ

DATE AND TIME OF INITIAL ARRIVAL: 0920 10/9/87 (GRAHAM)

WEATHER CONDITIONS: Temperature 55° Pressure _____
Wind Speed _____ Wind Direction _____ Humidity _____
General Weather Conditions SUNNY, COOL

HNU CALIBRATION DATA: EPA ID # 313930 Probe EPA ID # ~~05899~~ 313830
Probe 11.7 (eV) Date calibrated _____ Person _____
Unit Charged _____ Span Setting 5.7 Lense Cleaned _____
Calibration Information _____

Are there any potential interferences (ie. high winds, electrical wires, large temperature variation, pressure drop, high humidity chemical interferences, 2- way radios, etc.)

Comments: Results are recorded in part per million benzene equivalent

BACKGROUND LOCATION: TRANSITION SHED

Time: 0920 Reading: 2.0 Comments: 0.0 CALIB. TO 2.0

SAMPLING LOCATION: BUILDING #28/#28B (AMBIENT AIR)

Time: 0920-1030 Reading: 2.0 Comments: DRUMS #2008 AND #3004 WITH OPEN BUNGS SHOWED READINGS OF 3-5 PPM ABOVE BACKGROUND

SAMPLING LOCATION: BUILDING #25/#30/#30A (AMBIENT AIR)

Time: 1030-1105 Reading: 2.0 Comments: _____

SAMPLING LOCATION: _____

Time: _____ Reading: _____ Comments: _____

SAMPLING LOCATION: _____

Time: _____ Reading: _____ Comments: _____

AIR MONITORING FIELD DATA SHEET
EXPLOSIMETER/OXYGEN METER

3/1/85

INCIDENT NAME: ARKANSAS CHEMICAL

INCIDENT LOCATION: 185 FOUNDRY ST.
NEWARK NJ

DATE AND TIME OF INITIAL ARRIVAL: 0920 10/9/87 (PANE)

WEATHER CONDITIONS: Temperature 55° Pressure _____
Wind Speed _____ Wind Direction _____ Humidity _____
General Weather Conditions SUNNY, COOL

EXPLOSIMETER/OXYGEN CALIBRATION DATA: _____

Oxygen Sensor Cleaned (Y/N) Y EPA ID # 196177

Is chemical known (Y/N) _____ If yes, U.E.L. _____ L.E.L. _____

Is instrument sensitive to chemical (Y/N) _____

Are there any potential interferences (i.e. high winds, electrical wires, chemical interferences, high humidity, extreme cold)
Comments: _____

BACKGROUND LOCATION: TRANSITION SHED

Time: 0920 Readings: O_2 21% Combustible gas -0-

SAMPLING LOCATION: BUILDING #28/28B (AMBIENT AIR)

Time: 0920-1030 Readings: O_2 21% Combustible gas -0-

SAMPLING LOCATION: BUILDING #28/28B (DRUMS #2008/#3004 w/OPEN BUNG)

Time: @0945/1000 Readings: O_2 21% Combustible gas -0-

SAMPLING LOCATION: BUILDING #25, #30, #30A (AMBIENT AIR)

Time: 1030-1105 Reading: O_2 21% Combustible gas -0-

SAMPLING LOCATION: _____

Time: _____ Readings: O_2 _____ Combustible gas _____

SITE NAME US EPA ARKANSAS CHEMICAL NEWARK NJ.

PID NO. ZPD04

SAMPLER NAME E. DiSANTO

MINI-RAM NO. NA

DATE 10/6/87

O2/LEL NO. LOX 27

WEATHER DESCRIPTION 0800 - 47°F - RH 73% 1430 - 58°F RH - 49% BP - 29.90↑ WIND - SW 6mph BP - 29.95 - WIND - W 12mph

PID BACKGROUND 0.4 ppm

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1000	BLDG. 30 LAB 1	0.6	NA	0	20.9
1005	BLDG. 31 LAB 2	0.8		0	20.9
1010	" " LAB 3	2.3 W		0	20.9
1015	" " "	2.4 E		0	20.9
1020	" " "	2.4 CENTER		0	20.9
1035	BLDG. 25 1ST	0.8		0	20.9
1040	" " 2ND	0.4		0	20.9
1045	" 28A 1ST	0.6		0	20.9
1050	" 28B 1ST	0.8		0	20.9
1055	" 28A 4TH	0.6		0	20.9
1100	" " 3RD	0.4		0	20.9
1105	" " 2ND	0.6		0	20.9
1435	BLDG 31 LAB 3	1.8		0	20.9
1445	BLDG 28A 1ST	0.6		0	20.9
1450	" 28A 2ND	0.6		0	20.9
1455	" " 3RD	0.6		0	20.9
1500	" " 4TH	0.6		0	20.9

COMMENTS: 1010 - LAB WHERE BREAK THRU OCCURED TO 1020

SITE NAME US EPA ARKANSAS CHEMICAL NEWARK NJ.

SAMPLER NAME E. DiSANTO

DATE 10/7/87

WEATHER DESCRIPTION 0800 - 57°F - RH 86% 1400 - 67°F - RH 55%
BP-29.73↓ W = S = 13 mph
BP-29.72 - W = S - 10 mph

PID NO. 2PD04

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.3 ppm

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0800	BUILDING 25/30 1ST	0.6	NA	0	20.9
0805	" " 2ND	0.4		0	"
0815	BUILDING 28A 1ST	0.6		0	"
0820	" 28B	0.6		0	"
0825	28A ELEVATOR SHAFT 1ST	0.4		0	"
0830	28A 2ND FLOOR	0.4		0	"
0835	28A ELEVATOR SHAFT 2ND	0.4		0	"
0900	28A 3RD FLOOR	0.4		0	"
0905	28A ELEVATOR SHAFT 3RD	0.4		0	"
1015	28A 4TH FLOOR	0.4		0	"
1020	28A ELEVATOR SHAFT 4TH	0.4		0	"
1330	28A ELEVATOR SHAFT 1ST	0.4		0	"
1340	28A " 2ND	0.6		0	"
1350	28A " 3RD	0.4		0	"
1400	28A " 4TH	0.6		0	"

COMMENTS:

SITE NAME US EPA ARKANSAS CHEMICAL NEWARK NJ

PID NO. 2PD 04

SAMPLER NAME E. DI SANTO

MINI-RAM NO. NA

DATE 10/6/87

O2/LEL NO. LOX 27

WEATHER DESCRIPTION 0800 - 52°F - RH = 76% 1400 - 65F - RH - %

BP = 29.92 ↑ WIND = E 3 mph

BB = - WIND - E mph

PID BACKGROUND 0.2 ppm

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
0800	BUILDING 25/30 1ST	0.4	NA	0	20.9
0805	" " 2ND	0.4		0	"
0815	BUILDING 28A 1ST	0.6		0	"
0820	" 28B 1ST	0.6		0	"
0830	28 A ELEVATOR SHAFT 1ST	0.4		0	"
0840	28 A 2ND FLOOR	0.3		0	"
0845	28 A ELEVATOR SHAFT 2ND	0.4		0	"
0855	28 A 3RD FLOOR	0.4		0	"
0900	28 A ELEVATOR SHAFT 3RD	0.4		0	"
0910	28 A 4TH FLOOR	0.4		0	"
0915	28 A ELEVATOR SHAFT 4TH	0.4		0	"
1330	BUILDING 28 A 1ST	0.6		0	"
1335	" 28 B	0.6		0	"
1345	" 28A 2ND	0.4		0	"
1355	" 28A 3RD	0.4		0	"
1405	" 28A 4TH	0.6		0	"

COMMENTS:

MONDAY
OCTOBER 5, 1987

US EPA
ARKANSAS CHEMICAL

SITE NAME NEWARK NJ

SAMPLER NAME E. DI SANTO

DATE 10/5/87

WEATHER DESCRIPTION AM-43°F RH-76%
BP-30.01↔ WIND SW 7mph
PM- 69°F RH 33% BP 29.94↓
WIND WEST 9mph

PID NO. 2PD Ø4

MINI-RAM NO. NA

O2/LEL NO. LOX 27

PID BACKGROUND 0.3 ppm

MINI-RAM BACKGROUND NA

TIME	LOCATION	PID READING	MINI-RAM READING	LEL READING	OXYGEN READING
1035	BUILDING 25/30 1ST	0.4	NA	0	20.9
"	" 25/30 2ND	0.4		0	"
1045	BUILDING 28 A 1ST	0.6		0	"
1050	" 28B	0.6		0	"
1055	28A EVEVATOR SHAFT 1ST	0.4		0	"
1100	28A 2ND FLOOR	0.4		0	"
1105	28A ELEVATOR SHAFT 2ND	0.6		0	"
1110	28A 3RD FLOOR	0.6		0	"
1115	28A ELEVATOR SHAFT 3RD	0.6		0	"
1120	28A 4TH FLOOR	0.4		0	"
1125	28A ELEVATOR SHAFT 4TH	0.6		0	"
1400	BUILDING 25/30 1ST	0.4		0	"
1405	" " 2ND	0.4		0	"
1415	" 28A 1ST	0.8		0	"
1420	" 28B 1ST	0.8		0	"
1430	" 28A 2ND	0.6		0	"
1440	" 28A 3RD	0.6		0	"
1450	" 28A 4TH	0.6		0	"

COMMENTS:

0730 CALIBRATION PID 56 ppm @ 8.34
LEL ~ 54 O_2 - 20.9

0745 T - 62° F
RH - 86%
W - NW 6mph
BP - 29.93 ↑

0930 AMBIENT (OUTSIDE BUILDING 26) = 0.3 ppm LEL 0 O_2 20.9

BUILDING	16		0.6	0	20.9
	25	1ST	0.4	0	"
	25	2ND	0.4	0	"
	28 A	1ST	0.6	0	"
	28 B		0.8	0	"
	28	2ND	0.6	0	"
	28	3RD	0.6	0	"
	28	4TH	0.6	0	"

1330 T - 66° F
RH - 60%
W - NW - 15 mph
BP - 29.90 ↓

1430 AMBIENT (OUTSIDE BLDG 26) = 0.4 ppm 0 20

	BUILDING	28 A	1ST	= 0.6	0	"
	"	28 B		= 0.8	0	"
SAMPLE CREW	"	28 A	2ND	= 0.8	0	"
CLEAN UP CREW	"	28 A	3RD	= 0.8	0	"

FRIDAY

10/2/87 HNU PID

0800 CALIBRATION 56 ppm @ 8.62

0805 T = 47° F
RH = 85%
W = SW 5mph
BP = 30.00 ↑

		PID	LEL	
0830	AMBIENT (OUTSIDE BLDG 26)	= 0.6	0	20.9
	SHED S2	= 30/40 ppm	0	20.9
	BUILDING 26 1ST FL.	= 2/3 ppm	0	20.9
	26 2ND FL	= 0.8	0	20.9
	27	= 0.6	0	20.9
	25 1ST FL	= 0.4	0	20.9
	25 2ND FL	= 0.6	0	20.9
	28A 1ST FL	= 0.6	0	20.9
	28B	= 0.8	0	20.9
	28A 2ND FL	= 0.6	0	20.9
	28A 3RD FL	= 0.6	0	20.9
	28A 4TH FL	= 0.6	0	20.9

1000 MONITORED OTIS ELEVATOR REPAIR

	LEL	O_2	PID
LOX	0	20.9	0.6

1300 OTIS CREW 0 20.9 0.6

1600 MONITORED DRUM REMOVAL SHED S1

	LEL	O_2	PID
LOX	0	20.9	0.8

THURSDAY

10/1/87 HNU PID RESULTS

0750 CALIBRATION: 56 ppm @ 8.66

0810 T - 70°F
RH = 76%
W - SW 10 mph

			PID	LEL	LOX O_2
0830	AMBIENT	(OUTSIDE BLDG 26) =	0.6 ppm	0	20.9
	BUILDING	25 1ST	0.6	0	"
	"	25 2ND	0.6	0	"
	"	26 1ST	2.5-3	0	"
	"	26 2ND	0.8	0	"
	"	27	0.8	0	"
	"	28A	0.6	0	"
	"	28B	1.2	0	"
	"	28 2ND	0.6	0	"
	"	28 3RD	0.8	0	"
	"	28 4TH	0.8	0	"

			PID	LEL	LOX O_2
	AMBIENT	(OUTSIDE BLDG 26) =			
1430	BUILDING	26 1ST	3-4 ppm	0	20.9
	"	26 2ND	0.8	0	"
	"	27	0.8	0	"
	"	28A	1.1	0	"
	"	28B	1.2	0	"
	"	28 2ND	0.6	0	"
	"	28 3RD	0.7	0	"
	"	28 4TH	0.6	0	"

NOTE: BUILDING 26 EAST SIDE - HIGH PID READING - POSSIBLE ORGANIC MATERIAL ON FLOOR AND 5 GALLON PAIL

WEDNESDAY
9/30/87 HNU PID RESULTS

0900 CALIBRATION: 56 ppm @ 8.76 SPAN

0930 T - 63° F
RH - 93%
W - SW @ 12 mph

NO READINGS WITH PID TAKEN DUE TO RAIN AND HIGH HUMIDITY.

1300 T - 66° F
RH - 96 %
W - SW @ 12 mph

AMBIENT	(OUTSIDE BLDG 28)	=	1.0 ppm
BUILDING	25 1ST FL	=	1.0 "
"	25 2ND FL	=	0.8 "
"	28 A 1ST FL	=	1.0 "
"	28 B 1ST FL	=	1.0 "
"	28 A 2ND FL	=	0.8 "
"	28 A 3RD FL	=	0.8 "
"	28 A 4TH FL	=	0.8 "

* NOTE: HIGH BACKGROUND MAYBE DUE TO HUMIDITY. ONCE IN THE BUILDING READINGS WERE A SLIGHT BIT LOWER.

TUESDAY
9/29/87

HNU PID RESULTS

0800 CALIBRATION: 56 ppm @ 9.78 SPAN

1000

T = 69° F
RH = 73 %
W = SW @ 8mph

AMBIENT (OUTSIDE BUILDING 28) = 0.4 ppm

BUILDING 25 1ST FL. = 0.6 ppm
" 25 2ND FL. = 0.6 "
" 28 A 1ST FL = 0.6 "
" 28 B 1ST FL = 0.6 "
" 28 A 2ND FL = 0.4 "
" 28 A 3RD FL = 0.4 "
" 28 A 4TH FL = 0.6 "

1400

T = 81° F
RH = 51 %
W = S 6 mph

AMBIENT (OUTSIDE BUILDING 28) = 0.4 ppm

BUILDING 25 1ST FL = 0.6 ppm
" 25 2ND FL = 0.4 "
" 28 A 1ST FL = 0.8 "
" 28 B 1ST FL = 0.6 "
" 28 A 2ND FL = 0.4 "
" 28 A 3RD FL = 0.4 "
" 28 A 4TH FL = 0.6 "

9/28/87 HNU PID RESULTS

0815 CALIBRATION 64 ppm @ 4.19 SPAN

0805 T = 59 °F
RH = 96%
WINDS = SW 7 MPH

0900 AMBIENT (OUTSIDE BLDG 28) = 0.4 PPM
#28 A 1ST FL = 0.4 ppm
#28 B 1ST FL = 0.4 ppm
28A 2ND FL = 0.4 - 0.8 ppm
28A 3RD FL = 0.4 ppm
#28A 4TH FL = 2-3 ppm (VERY HUMID)

1405 T = 80 °F
RH = 50%
WINDS = SW 10 MPH

1430 AMBIENT (OUTSIDE BLDG. 28) = 0.6 ppm
25 1ST FL = 0.6 ppm
25 2ND FL = 0.6 ppm
28 A 1ST FL = 0.6 ppm
28 B 1ST FL = 0.8 ppm
28 A 2ND FL = 0.6 ppm
28 A 3RD FL = 0.6 ppm
28 A 4TH FL = 1.0 ppm

PID
EPA # 313833

9/26/87

HNU PID RESULTS

0805 T = 49°F *
RH = 76%
WINDS = SW, 6 MPH

0845 AMBIENT (OUTSIDE BLDG 28) = 0.4 PPM
#28A 1ST FL = 0.4 PPM
#28B 1ST FL = 0.3 PPM
#28A 2ND FL = GENERAL = 0.5 PPM
NEAR SAMPLING = 0.8 PPM
#28A 3RD FL = 0.4 PPM

0915 (SEE DAILY DIARY FOR LEVELS RECORDED DURING SPILL)

1530 AMBIENT (OUTSIDE BLDG 28) = 0.4 PPM
#28A 1ST FL = 0.3 PPM
#28B 1ST FL = 1.0 PPM (SPILL AREA)
#28A 2ND FL = 0.4 PPM
#28A 3RD FL = 0.4 PPM

1605 T = 72°F *
RH = 32%
WINDS = W, 15 MPH

* WEATHER SERVICE

9/25/87 HNU PID RESULTS

0805 T= 53°F *
RH = 68%
WIND = W, 13 MPH

1100 AMBIENT (OUTSIDE #28) - 0.4 PPM
#28A 1ST FL - 0.2 PPM
#28B GARAGE - 0.4 PPM
#28A 2ND FL - 0.3 PPM
#28A 3RD FL - 0.3 PPM

1305 T = 64°F
RH = 42%
WIND = NW, 15 MPH

1400 AMBIENT (OUTSIDE #28) - 0.4 PPM
#28A 1ST FL - 0.2 PPM
#28B GARAGE - 0.4 PPM
#28A 2ND FL - 0.2 PPM - 0.6 PPM
#28A 3RD FL - 0.4 PPM

* WEATHER SERVICE

9/24/87

HNU PID RESULTS

0800 - AMBIENT - 0.4 PPM (BACKGROUND)

GARAGE 28B - BACKGROUND
1ST FL 28 - BACKGROUND
2ND FL 28 - BACKGROUND

TEMP: 1505 77°F, 49% RH
Winds - West 12MPH

3/1/85

AIR MONITORING FIELD DATA SHEET
EXPLOSIMETER/OXYGEN METER

INCIDENT NAME: ARKANSAS CHEMICAL

INCIDENT LOCATION: 185 FOUNDRY ST.
NEWARK NJ

DATE AND TIME OF INITIAL ARRIVAL: 1355 9/23/87

WEATHER CONDITIONS: Temperature 76° Pressure _____
Wind Speed _____ Wind Direction _____ Humidity 56 %
General Weather Conditions PARTLY CLOUDY

EXPLOSIMETER/OXYGEN CALIBRATION DATA: _____

Oxygen Sensor Cleaned (Y/N) _____ EPA ID # 638161

Is chemical known (Y/N)_____ If yes, U.E.L. _____ L.E.L. _____

Is instrument sensitive to chemical (Y/N) _____

Are there any potential interferences (i.e. high winds, electrical wires, chemical interferences, high humidity, extreme cold)
Comments: _____

* O_2 READINGS NOT OBTAINED DUE TO FAULTY O_2 METER

BACKGROUND LOCATION: TRANSITION SHED

Time: 1355 Readings: O_2 — Combustible gas 0

SAMPLING LOCATION: BLDG. 28B

Time: _____ Readings: O_2 — Combustible gas 0

SAMPLING LOCATION: BLDG. 28 1ST FLOOR

Time: _____ Readings: O_2 — Combustible gas 0

SAMPLING LOCATION: _____

Time: _____ Reading: O_2 _____ Combustible gas _____

SAMPLING LOCATION: _____

Time: _____ Readings: O_2 _____ Combustible gas _____

9/23/87

HNu PID RESULTS

CALIBRATION - 56 PPM

0830 AMBIENT OUTSIDE #28 - 0.4 ppm (BACKGROUND)

GARAGE 28B - MOSTLY BACKGROUND, 1-2 ppm some drums with sludge waste,

* DRUM marked "Arkolev" - probe positioned at hole in side of fiber drum = 20-30 ppm, background levels several inches away

1100 - TEMP 71°F
RH - 60%

1330 - AMBIENT OUTSIDE #28 - 0.4 (BACKGROUND)

GARAGE 28B - MOSTLY BACKGROUND, UP TO 0.8 ppm

1ST FL BLDG 28 - BACKGROUND

1400 TEMP 76°F
RH - 56%

HNU PID RESULTS

9/22/87

1000 AMBIENT · OUTSIDE #28 - 0.6 PPM (BACKGROUND)
GARAGE 28B - 0.6 PPM

1500 AMBIENT - OUTSIDE #28 - 0.6 PPM (BACKGRND)
GARAGE 28B - MOSTLY BACKGRND,
1-2 PPM SOME DRUMS
UNIDENTIFIED
1ST FL 28 - BACKGROUND
2ND FL 28 - BACKGROUND
3RD FL 28 - BACKGROUND
4TH FL 28 - BACKGROUND

HNU PID RESULTS

9/21/87

0800 AMBIENT (OUTSIDE BLDG 28) - 1.0 ppm
1ST FL B-28 - 1.2 ppm
2ND FL B-28 - 1.2 ppm
3rd FL B-28 - 2.8 near door
3rd FL near drum cluster
back of BLDG - 1-2 ppm
4th FL B-28 - 1.0 ppm

DRAEGER TUBE READINGS

9-19-87

0815: 2ND FL BUILDING 28 -
HYDROCARBONS - NONE DETECTED

DRAEGER TUBE RESULTS

9-18-87

1400: 2nd FI BLDG 25 -

Hydrocarbons - NONE DETECTED

TOLUENE - NONE DETECTED

1st FI BLDG 25

Hydrocarbons - NONE DETECTED

Toluene - NONE DETECTED

HNU PID RESULTS

9-17-87

07/5-	TRANSITION BUILDING	0.0
	ENTRANCE TO BLDG. 28	0.0
BLDG. 28,	FIRST FLOOR NEAR ELEVATOR	0.0
BLDG. 28	FIRST FLOOR STAIRWELL	0.0
"	SECOND FLOOR STAIRWELL	0.0
"	THIRD FLOOR STAIRWELL	0.0
"	FOURTH FLOOR STAIRWELL	0.0
"	ROOF NEAR ELEVATOR	0.0
	TRANSITION BUILDING	0.0
	OUTSIDE TRANSITION BLDG.	0.0

HNU PID RESULTS

9-16-87 IN STORAGE BUILDING 0.0 ppm 0830

1335 IN BLDG 28 - FIRST FLOOR

NEAR ELEVATOR SHAFT 0.0

2ND FLOOR 0.0

3RD FLOOR 0.0

4TH FLOOR 0.0

ENTRANCE TO BLDG 28 0.0

STORAGE BUILDING 0.0

OUTSIDE OFFICE TRAILER 0.0

HNU P.I.D RESULTS

9/15/87

0900 Calibration - O.K.
1330 BUILDING 25B - 0 PPM
1345 BUILDING 28 - 0.4
1330 AMBIENT OUTSIDE 25B - 0.4