Received 3-21-92
W. Glaspell
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SEP 1993 RECEIVED EDMC

0031198

HEALTH PHYSICS EFFLUENT RECORD SAMPLE LOG

EDP Code: E-013 | Location: AP K-1

Date On	Time On		Gasmeter/Flow Totalizer	Rotameter On/cfm	Vacuum	HPT Print and Sign Name On	Supv. Init.
2/26/92	1.006	331 RPG	☐ N/A On 79845.2 m³	2	☐ N/A On 5	Haines	
Date Off	**Time Off**	**Timer Off**	**Gasmeter/Flow Totalizer**	**Rotameter Off/cfm**	**Vacuum**	**HPT Print and Sign Name Off**	**Supv. Init.**
3/4/92	0850	☐ N/A 331	☐ N/A Off 80460.4 m³	2	☐ N/A Off 3	H.T. Miller	
Date On	**Time On**		**Gasmeter/Flow Totalizer**	**Rotameter On/cfm**	**Vacuum**	**HPT Print and Sign Name On**	**Supv. Init.**
3/4/92	0855	—	☐ N/A On 80460.6 m³	2	☐ N/A On 3	MDRowe	
Date Off	**Time Off**	**Timer Off**	**Gasmeter/Flow Totalizer**	**Rotameter Off/cfm**	**Vacuum**	**HPT Print and Sign Name Off**	**Supv. Init.**
3/11/92	0930	☐ N/A 168.6	☐ N/A Off 81089.6 m³	2.1	☐ N/A Off 4	MDRowe	
Date On	**Time On**		**Gasmeter/Flow Totalizer**	**Rotameter On/cfm**	**Vacuum**	**HPT Print and Sign Name On**	**Supv. Init.**
3/11/92	0930	—	☐ N/A On 81089.6 m³	2.1	☐ N/A On 4	MDRowe	
Date Off	**Time Off**	**Timer Off**	**Gasmeter/Flow Totalizer**	**Rotameter Off/cfm**	**Vacuum**	**HPT Print and Sign Name Off**	**Supv. Init.**
3/11/92	0935	☐ N/A 165.3	☐ N/A Off 81089.6 m³	2.1	☐ N/A Off 4	J Miller	
Date On	**Time On**		**Gasmeter/Flow Totalizer**	**Rotameter On/cfm**	**Vacuum**	**HPT Print and Sign Name On**	**Supv. Init.**
3/18/92	0910	—	☐ N/A On 81708.5 m³	2.1	☐ N/A On 4	J Toon	
Date Off	**Time Off**	**Timer Off**	**Gasmeter/Flow Totalizer**	**Rotameter Off/cfm**	**Vacuum**	**HPT Print and Sign Name Off**	**Supv. Init.**
		☐ N/A	☐ N/A Off m³		☐ N/A Off		
Date On	**Time On**		**Gasmeter/Flow Totalizer**	**Rotameter On/cfm**	**Vacuum**	**HPT Print and Sign Name On**	**Supv. Init.**
		—	☐ N/A On m³		☐ N/A On		
Date Off	**Time Off**	**Timer Off**	**Gasmeter/Flow Totalizer**	**Rotameter Off/cfm**	**Vacuum**	**HPT Print and Sign Name Off**	**Supv. Init.**
		☐ N/A	☐ N/A Off m³		☐ N/A Off		

NOTE:
1. Times logged in military time.
2. Vacuum recorded in -In. Hg.
3. Timer - 24hrs = 81 m³ of Flow Totalizer Reading at ~2cfm.

BD-6000-325 (12/90)

Received 3-24-92
W. Stoppell
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HPT GASEOUS EFFLUENT SAMPLING/MONITORING SYSTEM EVALUATION CHECKLIST

For the Month of Feb 92 HP Unit Supervisor Review: G. L. Kelly Date: 3/20/92

Stack Number: _____ Location: A10 K-2 Exh

CAM Equipment Number: Alpha _____ Beta 750 HP Unit Review: _____ Date: _____

Record Sample EDP Code: E-903

REF.	ACTION		DATE OF INSPECTION			
			2-24-92	3-3-92	3/9/92	3/16
6.3 A.	RECORD SAMPLER SYSTEM INSPECTION	Calibration Date	Initial Each Box When Completed			
0	Inspect the Sample Filter Holder		DRE	MR	Chem. Hazard	CH
00	Inspect the Rotameter Assembly	7-91	2.0 cfm	3-92 1.9 cfm	cfm	2.0
000	Inspect the Gas Flow Totalizer	7-91	DRE	4-92 MR		CH
0000	Inspect the Pressure Switch	4-92	DRE	MR		CH
00000	Inspect the Vacuum System		DRE	MR		CH
000000	Inspect the Timer		DRE	MR		CH
6.3 C.	CONTINUOUS AIR MONITORING SYSTEM INSPECTION		Initial Each Box When Completed			
0	Inspect the System Rotameter	Alpha	— cfm	— cfm	cfm	—
		Beta	2.0 cfm	2.0 cfm	cfm	2.0
000	Inspect the O-Rings	Alpha / Beta	— / DRE	✓ / MR		— / CH
0000	Check the Alarm Setpoint	Alpha	— cpm	cpm	cpm	—
		Beta	2K cpm	2K cpm	cpm	2.K
00000	CAM Background Meter Readings	Alpha / Beta	— / 80	— / 150		— / 100
0000000	Inspect the Pressure Switch	Alpha / Beta	— / DRE	/ MR		/ CH
00000000	Inspect the Vacuum System	Alpha / Beta	— / DRE	/ MR		/ CH
6.3 E.	EFFLUENT SAMPLING/MONITORING CABINET INSPECTION		Initial Each Box When Completed			
0	Inspect the Cabinet Housekeeping		DRE	MR		CH
00	Inspect the Cabinet Ventilation System		DRE	MR		CH
000	Inspect the Cabinet Maintenance		DRE	MR		CH

For Explanations of Discrepancies, See Page 2 (Comment Sheet)

Health Physics SCHEDULED RADIATION SURVEY REPORT	Date 01-01-92	Facility Code ETF	Task No. EW-26	Frequency WEEKLY	RWP No. TF-KEH-001	Rev. 0
	Area 200-E	Building 241-AW FARM	Location 241-AW FARM			

Date	DOSE RATE: Max mrem/hr / DRD	DOSE RATE: Location	DOSE RATE: General Area mrem/hr	CONTAMINATION: DIRECT Alpha (dpm)	CONTAMINATION: DIRECT Beta (dpm)	CONTAMINATION: SMEAR/100 cm² Alpha (dpm)	CONTAMINATION: SMEAR/100 cm² Beta (dpm)	Instrument Type	Instrument Serial No.	Calibration Date	Supplemental Survey Report No.	HPT Signature/ Payroll Number	Remarks
1-7-92				See	stack	Pack	Book					CWelch 80166	
1/13/92					See stack pack book							[signature] 81651	K-1 Greenhouse on GMDH Reap 7-10ppm ammonia
1/22/92					see book (stack)							[signature] 69880	
2-2-92	N/A ←				→ Chemical HAZard could not be performed ↔							JJO'Conn 96243	
2-4-92	unable to complete due to chemical hazard											CWelch 80166	
2-13-92					CHEMICAL HAZARD							[signature] 81470	
2/26/92		see	stack	Pack	Book							[signature] 80148	
3-3-92													
3/9/92					CHEMICAL	HAZARD						[signature] 81470	

Reviewed By _____ Date _____

A-6000-258 (11/91) (EF) GEF160

Received 3-24-92 @ 6:05 p.m. Tape cleared

Received W Gospell
3-24-92
To be cleared

RADIOLOGICAL PROBLEM REPORT (RPR)

Serial No. E-92-043

Actionee(s)		Org. Code	
R.W. Jacobson	S5-15	76200	Issue Date: 3/23/92
			ONC Report No.: NA
Other:			Date Discovered: 3/23/92
D.E. Bullock	S5-20		Time Discovered: 0400
J.E. Lindsey	S0-02		Type: HW-30-001-004
S.R. Johnson	S5-20		Cause: EQ-004-003
W.L. Parnell	S5-12		Severity: C-4
G.L. Kelly	S4-39		
D.J. Bracamontes	S4-39		
H.V. Bonwell	S4-39		
J.L. Parson	S4-39		
D.G. Hamrick	R1-51		
M.N. Islam	R3-08		
A.L. Dazo	T1-26		
J.R. Brockman	S5-02		
J.J. O'Connor	S4-39		

Location
AP-FARM

References
WHC-CM-4-10 SECTION 14 PARAGRAPH 4.4 CALIBRATION REQUIREMENTS

Statement of Concern or Problem:

K-1-1 RECORD SAMPLER TOTALIZER IS OUT OF CALIBRATION SINCE 10/91

Immediate Corrective Actions Taken:

NOTIFIED H.P. SHIFT SUPERVISOR H.V. BONWELL AND OPERATIONS SHIFT SUPERVISOR P SEDERBURG

Recommended Corrective Actions:

CALIBRATE EQUIPMENT OF CONCERN IN RPR E-92-043

Initiator:	Date:	Phone/MSIN:
R.D. GRAHAM	3/23/92	373-2526 S4-39

HP Supervisor Review:	Date:
H.V. BONWELL	3/23/92

Walt Glaspell
3-25-92
To be cleared

Health Physics SCHEDULED RADIATION SURVEY REPORT	Date 01-01-92	Facility Code ETF	Task No. ED-02	Frequency DAILY	RWP No. TF-KEH-001	Rev. 1
	Area 200-E	Building A-FARM CMPLX	Location 241-A, AX, AY, AZ, 2707-AX, & 271-A			

Date	DOSE RATE: Max mrem/hr / DRD	DOSE RATE: Location	DOSE RATE: General Area mrem/hr	CONTAMINATION: DIRECT Alpha (dpm)	CONTAMINATION: DIRECT Beta (dpm)	CONTAMINATION: SMEAR/100 cm² Alpha (dpm)	CONTAMINATION: SMEAR/100 cm² Beta (dpm)	Instrument Type	Instrument Serial No.	Calibration Date	Supplemental Survey Report No.	HPT Signature/ Payroll Number	Remarks
3/22/92	33	702-A	≤1	—	<D	—	<D	CP GM P-11	6200 1154 733	4/7/92 6/10/92 9/9/92	—	[signature] 6B384	
3/23/92	32	702A	≤1	—	<D	—	<D	CP GM PM	6511 0945 1787	4/23/92 6/5/92 9/18/92	—	[signature] 69685	
3/24/92	34	702-A	≤1	—	<D	—	<D	CP GM P-11	6210 1603 1685	4/9/92 6/5/92 7/9/92	—	[signature] 6B384	
3/25/92	32	702A Filters	≤1	—	<D	—	<D	CP GM P11	6511 1403 924	4/23/92 6/5/92 7/23/92	—	[signature] 69685	

Reviewed By _____ Date _____

A-6000-258 (11/91) (EF) GEF160

Walt Glaspell
3-25-92
To be cleared

Operational Health Physics

SCHEDULED RADIATION SURVEY TASK DESCRIPTION

Task No. ED-02

Issue Date 5/30/89

Rev. 1

Area: 200 East

Building: A Tank Farm Complex

Location(s): 241-A, AX,AY,AZ; 2707-AX, 271-A

Description: In the 271-A control room read and record data required on attached Data Sheet.
Visually inspect all facility effluent sampling and monitoring systems, all annulus leak detector CAMS, and workplace air sampling CAMS.
Source check and ensure proper operation of all facility assigned survey instruments.
Perform contamination smear surveys of all step-off pads.
Perform direct radiation surveys of exhaust filter checkpoints.
Record all readings as appropriate on the attached data sheet.
Complete Scheduled Radiation Survey Report.

Special Circumstances: If the portable exhauster is operating read and record radiation readings on the primary and secondary filters. COB box readings may be elevated if a transfer is in progress.

Required Instrumentation: CP, GM/P-11

Action Levels: Action levels are identified on the attached task data sheet.

Notifications or Actions (If Action Levels exceeded):
Notify Health Physics supervision.
Complete a supplemental survey report as appropriate.
Direct proper radiological posting of the area as appropriate.

Dave L. Stark OHP Supervisor	Approved By R Brown for S. Johnson OHP Section/Unit Manager

A-6000-229 (06/88)