

R-008-101.9

1906

K-65 WEEKLY REPORT JULY 26, 1991

DOE/USEPA

7-26-91

4

REPORT

1906

K-65 WEEKLY REPORT
JULY 26, 1991

CONTENT SAMPLING:

On July 22, 1991, ASI/IT attempted to extract a sample from Section A of the northwest manway of Silo No. 2. The intent was to start a new penetration at a point away from the penetration made by Westinghouse Environmental Management Company of Ohio (WEMCO) in 1989. Unfortunately, there is a depression over 30 inches in diameter, which continually throws the Vibra-Corer back to the WEMCO penetration. There was a considerable amount of cave-in and landslide movement caused by the depression. Consequently, 0.0' of material was recovered.

Section B of the northwest manway was sampled on July 25, 1991. On July 26, 1991, when sectioning of the sample was attempted, it was discovered that the catcher assembly, which was placed on the Vibra-Corer was destroyed. We believe the Vibra-Corer hit a pipe or rebar. Approximately 12 inches of material entered the tube, but was lost when the catcher was destroyed. On Monday, July 29, 1991, we will attempt to sample Section C. The Vibra-Corer will be run slower through the material so we can attempt to avoid hitting the pipe.

SLANT BORINGS:

Groundwater purging operations began at boring location #5 on July 25, 1991. Total boring penetration at location #5 was 110 feet. At 105 feet, we moved through the sand lens into clay material. Pad installation at location #4 (east side of Silo #1) was initiated on July 25, 1991. We should be initiating sampling at location #4 this weekend.

MAPPING:

Installation of the mapping equipment in Silo 4 is scheduled for July 26, 1991. The demonstration will be conducted on August 2, 1991.

ACTIVITY ID	REM DUR	EARLY START	EARLY FINISH	1989												1990												1991												1992											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Y404151001	0	12SEP89A	28FEB90A	SILOS 1 & 2 REMOVAL ACTION																																															
Y404110001	0	2NOV89A	26JUL90A	SILOS 1 & 2 STRUCTURAL ANALYSIS																																															
Y404031001	0	1AUG90A	22OCT90A	SILOS 1 & 2 PATHWAYS RISK ASSESSMENT																																															
Y404191001	9	3SEP90A	7AUG91	SUBMIT SILOS 1 & 2 E/CA AND USEPA APPROVAL																																															
Y404031002	0	1OCT90A	5NOV90A	DOE HQ RVM/APRV SILOS 1&2 NEPA DOCUMENT (EA)																																															
Y404121002	0	8OCT90A	14JAN91A	PREPARE SILOS 1 & 2 RA WORKPLAN																																															
Y404046005	0	5NOV90A	30NOV90A	SILOS 1 & 2 INITIAL SAFETY ASSESSMENT																																															
Y404051001	0	15NOV90A	6MAY91A	USEPA REVIEW/APPROVE SILOS 1 & 2 WORKPLAN																																															
Y404031001	37	31DEC90A	16SEP91	SILOS 1 & 2 TITLE I/II DESIGN																																															
Y404095000	7	18FEB91A	5AUG91	SUBMIT SILOS 1 & 2 PERMIT INFO TO OEP/USEPA																																															
Y404096100	54	26APR91A	9OCT91	PREPARE/REVIEW SILOS 1 & 2 RISK ASSESSMENT RPT																																															
Y404096150	23	29APR91A	27AUG91	SILOS 1 & 2 BENTON-GROUT EQUIPMENT PROCUREMENT																																															
Y404095001	2	29MAY91A	29JUL91	SILOS 1 & 2 SPRAYHEAD PROCUREMENT																																															
Y404121004	50	3JUN91A	3OCT91	PARSONS PREPARE SILOS RA FINAL SAFETY ASSESS/OSR																																															
Y404121500	50	3JUN91A	3OCT91	PARSONS'S PREPARE RA SAFETY ANALYSIS REPORT																																															
Y404096300	42	16JUL91A	5SEP91	SILOS 1 & 2 DATA LOGGING SYSTEM PROCUREMENT																																															
Y404096200	50	26JUL91	3OCT91	MANBASKET FABRICATION																																															
Y404097005	27	6SEP91	2OCT91	CONDUCT TEST/TRAINING ON SILO 4 W/MANBASKET																																															
Y404097000	40	11SEP91	2OCT91	CONDUCT TEST/TRAINING ON BENTON-GROUT EQUIPMENT																																															
Y404097001	20	21SEP91	1OCT91	ORR WALK THROUGH FOR BENTON-GROUT PLACEMENT																																															
Y404097002	20	3OCT91	22OCT91	CONDUCT TEST/TRAINING ON BENTON-GROUT EQUIPMENT																																															
Y404097003	1	23OCT91	23OCT91	ORR WALK THROUGH FOR BENTON-GROUT PLACEMENT																																															
Y404098000	25	24OCT91	17NOV91	PLACE BENTON-GROUT IN SILOS 1 & 2																																															
Y404097004	20	18NOV91	7DEC91	FINAL MAPPING OF SILOS 1 & 2																																															
Y404099000	81	9DEC91	30MAR92	MONITOR BENTON-GROUT EFFECTIVENESS IN SILOS 1&2																																															
Y406031001	0	21AUG90A	1OCT90A	K65 DECANT SUMP TANK REMOVAL ACTION																																															
Y406051002	0	2OCT90A	3MAR91A	DECANT SUMP WORKPLAN DEVELOPMENT/APRV (H&S, QA)																																															
Y406031002	0	1OCT90A	1OJAN91A	DECANT SUMP PERFORMANCE SPEC/DESIGN																																															
Y406091003	0	4MAR91A	16APR91A	USEPA REVIEW AND APPROVE WORKPLAN																																															
Y406141004	132	5APR91A	27JAN92	DECANT SUMP REMOVAL/CORRECTIVE ACTION																																															
Y407091001	0	19FEB91A	31MAY91A	MODIFY RADON TREATMENT SYSTEM																																															
Y407091002	0	19FEB91A	22APR91A	PROCURE RTS BLOWER																																															
Y407091003	0	25MAR91A	19APR91A	PROCURE RTS VALVES																																															
Y407091010	0	22APR91A	2MAY91A	PROCURE ISOLATE RTS EQUIPMENT																																															
				PREPARE RTS PROCEDURES AND HEALTH & SAFETY PLAN																																															

Activity start/finish dates
Critical Activity
Program Bar

Project Start: 18SEP89
Project Finish: 10JUL92

WESTINGHOUSE MATERIALS CO. OF OHIO
INTEGRATED PROJECT SCHEDULE
OPERABLE UNIT 4

Sheet 1 of 3
Date Date: 26JUL91
Plot Date: 26JUL91

Prepared by	Checked	Approved

ACTIVITY ID	REM DUR	EARLY START	EARLY FINISH	1989												1990												1991												1992											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Y407091008	0	9MAY91A	9MAY91A	MODIFY RADON TREATMENT SYSTEM																																															
Y407091004	0	9MAY91A	8JUN91A	MAINTENANCE ISOLATE RADON TREATMENT SYSTEM																																															
Y407091009	0	10MAY91A	11MAY91A	RTS CONSTRUCTION (DEMO, INSTALLATION, PREL TEST)																																															
Y407091011	0	17JUN91A	3JUL91A	RTS CLOSE LOOP TEST																																															
Y407091005	0	3JUL91A	5JUL91A	ORR REVIEW																																															
Y407091007	0	8JUL91A	9JUL91A	RTS FINAL TIE-IN TO SILOS/FINAL TESTING																																															
Y407091006	0	11JUL91A	16JUL91A	RTS ORR ACCEPTANCE																																															
Y408095050	0	14DEC90A	14DEC90A	RTS OPERATIONAL START-UP																																															
Y408095040	0	29JAN91A	7FEB91A	SLANT BORING SAMPLING																																															
Y408095051	0	1MAR91A	4APR91A	USEPA APPROVES SLANT BORING WORK PLAN																																															
Y408095044	19	5APR91A	16AUG91	MOBILIZATION FOR SLANT BORING SAMPLING																																															
Y408095047	60	18APR91A	23SEP91	SLANT BORING PERMITS																																															
Y408095048	21	15AUG91	6SEP91	SLANT BORING SAMPLING																																															
Y409095041	0	22JAN91A	7FEB91A	SLANT BORING FIELD DATA VALIDATION																																															
Y409095042	0	24JAN91A	14FEB91A	PULL AUGERS/SLANT BORING DEMOBILIZATION																																															
Y409095050	0	12FEB91A	20FEB91A	VERTICAL BORING (BREM) SAMPLING																																															
Y409095043	0	5MAR91A	18APR91A	VERTICAL BORING WORKPLAN REVIEW/APPROVE BY USEPA																																															
Y409095051	0	24APR91A	25APR91A	VERTICAL BORING MOBILIZATION																																															
Y409095044	0	30APR91A	17JUN91A	VERTICAL BORING PERMITS																																															
Y409095047	0	3MAY91A	11JUN91A	VERTICAL BORING EQUIPMENT PROCUREMENT																																															
Y409095048	0	18JUN91A	23JUN91A	VERTICAL BORING SAMPLING MOCK-UP																																															
Y410091001	0	27MAR91A	22MAY91A	FOUR VERTICAL BORINGS																																															
Y410091003	0	8JUL91A	11JUL91A	VERTICAL BORING FIELD DATA VALIDATION																																															
Y410091004	36	11JUL91A	30AUG91	VERTICAL BORING DEMOBILIZATION																																															
Y410091002	37	16JUL91A	31AUG91	SECOND ATTEMPT - RESAMPLING K-65 RESIDUES																																															
Y411091001	0	7JAN91A	30MAY91A	SUBMIT SAMPLE PLAN/USEPA APPROVAL - K-65 RESAMPLE																																															
Y411331000	0	31JAN91A	12APR91A	RESAMPLING MOCK-UP IN SILO 4																																															
Y411061000	0	6FEB91A	24MAY91A	RUN RTS EVERY 48 HOURS																																															
Y411071000	0	25FEB91A	3JUN91A	K-65 RESAMPLING																																															
Y411081000	0	25FEB91A	1APR91A	SURFACE MAPPING DEMO RISK ASSESS RPT (QA REPORT)																																															
Y411091002	4	21MAR91A	31JUL91	SURFACE MAPPING DEMO SAFETY ASSESSMENT REPORT																																															
Y411091004	0	18JUN91A	21JUN91A	SURFACE MAPPING DEMONSTRATION TEST PLAN																																															
				SURFACE MAPPING DEMO UTILITIES SERVICE DESIGN																																															
				SURFACE MAPPING DEMO HARDWARE MOUNTING DESIGN																																															
				PROCURE SURFACE MAPPING DEMO REMOTE EQUIPMENT																																															
				LOGISTICAL PRE-TEST IN SILO 4																																															

Activity Bar/Units based on Critical Activity Program Bar

Project Start: 18SEP89
Project Finish: 16JUL92

WESTINGHOUSE MATERIALS CO. OF OHIO
INTEGRATED PROJECT SCHEDULE
OPERABLE UNIT 4

Sheet 2 of 3
Data Date: 26MAY91
Plot Date: 26MAY91

Prepared by: Central Planning and Integration

DATE	REVISION	CHANGED BY	APPROVED BY

