



EARTHCO, INC.
"A Clean Environment"

DATE: 1-29-88

PLAINTIFF'S EXHIBIT

UC-2186

DAILY PROJECT LOG

Project Name: Union Carbide Sistersville Job No.: 0014
Superintendent: Thomas M. Hinkle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

7:30 Calibrated pump for air sampling AND got
hazardous work permit for Lab Basement #1

8:00 Started men to work glovebag

9:30 Union Break 15min

11:30 Took all bags and material to dump
truck so we could get it to the
dump site by 1:00 pm.

12:00 Lunch

12:30 Men started back to work two men
on glovebag two to dump to un
load truck 1 hr.

2:00 Union Break

3:45 Started cleaning up work area
carrying bags to truck. Giving
men time to wash up AND change

3" x 72'

4" x 14'

6" x 61'

Total 152

SIGNATURE: Thomas M. Hinkle



EARTHCO, INC.
"A Clean Environment"

DATE: 1-28-88

DAILY PROJECT LOG

Project Name: Union Carbide Sistersville Job No.: 0014
Superintendent: Thomas M. Hinkle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

7:30 Calibrated pump for air sampling and got
hazardous work permit for Lab basement

8:00 Started men to work on glovebag

9:30 Union break 15 min.

12:00 Lunch

12:00 Men started back to work glovebag

1:00 Took two bulk samples to be analyzed
Labeled A-2 and A-3

2:00 Analyses back A-2 contains asbestos
A-3 does not. Also Union break 15 min.

3:45 Started cleaning up work area.
Carrying bags to truck. Giving men
time to wash up and change clothes

Footage 3" x 67'

4" x 57'

6" x 35'

Total 159

SIGNATURE: Thomas M. Hinkle



EARTHCO, INC.
"A Clean Environment"

DATE: 1-27-88

DAILY PROJECT LOG

Project Name: Union Carbide Sistersville Job No.: 0014
Superintendent: Thomas M. Hinkle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

7:30 - Calibrated pump and got hazardous work permit for work in Lab basement

8:00 - Started men to work glovebag

9:30 Break

10:30 Marshall Strawther arrived to give pulman acy Fitness test to men. Approximate time 1/2 hr per man

12:00 Lunch

12:30 Two men on glovebag work Two of the men to help take asbestos to the dump and unload.

1:30 Back From dump site, started other men on glovebag work

2:00 Break 15 min

3:45 Started cleaning up area, carrying bags to truck, giving men time to wash up and change clothes

3" x 74'

4" x 71'

6" x 15'

Total 160'

SIGNATURE: Thomas M. Hinkle



EARTHCO, INC.
"A Clean Environment"

DATE: 1-26-88

DAILY PROJECT LOG

Project Name: Union Carbide Sistersville Job No.: 0014
Superintendent: Thomas M. Hinkle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

7:30 Calibrated pump and got hazardous
work permit for work in Lab
basement

8:00 Men haven't showed up for work, road
conditions bad, icy

8:30 Three of Four men showed, started
them on glove bag

9:30 Break 15 min

12:00 Lunch 30 min

12:30 Glove bag work

2:00 Break 15 min

3:45 Started cleaning up, carrying
bags to truck and giving
men time to change clothes

3" x 54'

4" x 40'

6" 13'

Total 107

SIGNATURE:

Thomas M. Hinkle



EARTHCO, INC.
"A Clean Environment"

DATE: 1-25-88

DAILY PROJECT LOG

Project Name: Union Carbide Sistersville Job No.: 0014
Superintendent: Thomas M Hinkle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

7:30 to 8:00 Calibrated pump and got hazardous
work permitt

8:00 to 9:00 Gave ^{new} Ralph Jahn, Greg Scott Heath and
safety requirements and fit test for respirator
Also got Byron and Ed started on
Glove bag work

9:30 to 9:45 15 min Break

9:45 to 12:00 Glove bag work

12:00 to 12:30 Lunch

12:30 to 3:00 Glove bag work

3:00 to 3:30 Business Agent from Union pulled
all of his men out to talk to them

3:30 to 4:30 Glove bag work

22' x 6" ϕ

21' x 4" ϕ

63' x 3" ϕ

Total 106'

SIGNATURE: Thomas M. Hinkle



EARTHCO, INC.
"A Clean Environment"

DATE: 1-22-88

DAILY PROJECT LOG

Project Name: Union Carbide Sistersville Job No.: 0014
Superintendent: Thomas M. Hinkle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

7:30 to 8:00 calibrated pump and got hazardous permit

8:00 to 12:00 Started men on glovebag gave new
man Heath and Safety requirements and
Fit test for respirator

10:00 AM Union problems Larry Guinn called R.A.
Union told Larry to leave job

12:00 to 12:30 Lunch

12:30 to 4:30 Glovebag work, things are running
smoother picking up a little more
Footage men working better since
10:00 AM

Footage 38' x 3" ϕ
6' x 6" ϕ

SIGNATURE: Thomas M. Hinkle



EARTHCO, INC.
"A Clean Environment"

DATE: 1-21-88

PAGE 1

DAILY PROJECT LOG

Project Name: Union Carbide Sistersville Job No.: 0014
Superintendent: Thomas M. Hunkle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

8:00 AM picked up insulators at contractors gate and took them to job site.

8:10 to 10:10 safety and health requirements at Union Carbide Sistersville Plant for new men

10:40 to 12:00 Unloaded what we needed from supply trailer to get job started. Set up lunch site and portable showers. Darrell gave fit test for respirators to Larry Grimm and Ed Waymon.

12:00 to 12:30 Lunch

12:30 to 2:00 Union Problems Larry Grimm had to call Business Agent about pre procedures. He questioned us about benefits and abatement procedures. Each time we proved to be right.

2:00 to 2:30 PLANT Delay time, Doug Blawie shut us down to move some material out.

SIGNATURE: Thomas M. Hunkle



EARTHCO, INC.
"A Clean Environment"

DATE: 1-21-88

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DAILY PROJECT LOG

Project Name: Union Carbide Sistersville Job No.: 0014
Superintendent: Thomas M. Hinkle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

2:30 to 4:00 Clouebag work 10 1/2' X 4" Ø
Also sprayed encapsulant on loose
asbestos on ground. After spraying
picked up and put in bags.

SIGNATURE: Thomas M. Hinkle



EARTHCO, INC.
"A Clean Environment"

DATE: 2-9-88

DAILY PROJECT LOG

Project Name: Union Carbide Sistersville Job No.: 0014

Superintendent: Thomas M. Hinkle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

7:30 Calibrated pump for air sample got hazardous
work permit for Lab Basement #1

8:00 Men started to work glovebag

9:30 Union Break 15 min

12:00 Lunch

12:30 Men started back to work glovebag

2:00 Union Break 15 min

3:45 Started cleaning up area, took bags
to truck, giving men time to wash
up and to change clothes

3" x 83'

4" x 30'

6" x 24'

9" x 26'

Total 163 40 man hours

SIGNATURE: Thomas M. Hinkle



EARTHCO, INC.
"A Clean Environment"

DATE: 2-8-88

DAILY PROJECT LOG

Project Name: Union Carbide Sistersville

Job No.: 0014

Superintendent: Thomas M. Hinkle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

7:30 Calibrated pump for air sample got hazardous work permit for Lab Basement #1

8:00 Got men started to work glovebag. One new man, he filled out required PAPER work, fit tested for respirator. Also gave him safety and health requirements.

9:30 Union Break 15 min

12:00 Lunch

12:30 Started men back to work Glovebag

2:00 Union Break 15 min after break Darrell, Dennis and I took truck to Pump to Holand

3:45 Started cleaning area, giving men time to wash up and change clothes

3" x 89'

4" x 55'

40 man hours

6" x 25'

Total 169'

SIGNATURE: Thomas M. Hinkle



EARTHCO, INC.
"A Clean Environment"

DATE: 2-5-88

DAILY PROJECT LOG

Project Name: Union Cardide Sistersville Job No.: 0014

Superintendent: Thomas M. Hinkle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

7:30 Calibrated pump for air sample got hazard-
ous work permit for Lab Basement #1

8:00 Got men started to work on glove bag
and put plastic up along side of
Lunch room

9:30 Union Break 15 min

12:00 Lunch

12:30 Started back to work glove bag

2:00 Union Break 15 min

3:45 Started cleaning up work area
taking bags to truck and giving
men time to wash up and change
clothes

3" x 36'

32 man hours

4" x 86'

Total 122

SIGNATURE: Thomas M. Hinkle



EARTHCO, INC.
"A Clean Environment"

DATE: 2-4-88

DAILY PROJECT LOG

Project Name: Union Carbide Sistersville Job No.: 0014
Superintendent: Thomas M. Hinkle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

7:30 Calibrated pump for air sampling got
hazardous work permit for Lab Basement #1
8:00 Insulators didn't show up for work
Roads are icy men drive from Pitts-
burg approximately 2 1/2 hr. Darrell and
I did some measuring and cleaning
up where enclosures are going up
12:00 Lunch
12:30 More clean up and measuring
2:30 Inventory on equipment and
supplies

SIGNATURE: Thomas M. Hinkle



EARTHCO, INC.
"A Clean Environment"

DATE: 2-3-88

DAILY PROJECT LOG

Project Name: Union Carbide Sistersville Job No.: 0014
Superintendent: Thomas M. Hinkle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

7:30 Calibrated pump for air sampling and got hazardous work permit for Lab Basement #1

8:00 Started men to work glovebag. Bryan Joyce didn't show up for work reason he was in a bad car accident. Also I took 4 bulk samples # A-4, A-5, A-6, & A-7 for sampling

9:30 Union Break 15min after break took dumptruck to dump site to be unboxed

12:00 Lunch

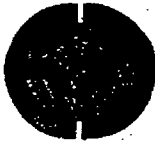
12:30 Started back to work on glovebags
Got results back on samples A-5
A-6 both contain asbestos A-4
and A-7 did not.

2:00 Union Break 3" x 89

3:45 Clean up 4" x 44

133

MAN hours 32 SIGNATURE: Thomas M. Hinkle



CUSTOMER Union Carbide
LOCATION Sistersville W.V.
PROJECT 0014

ESTIMATE NO. _____
SHEET NO. 2
DATE Feb. 1988

DATE	LOCATION	PIPE SIZE	PIPE LENGTH	Man Hours	Identified Asbestos Footage	Client Representative Initials
2-1-88	Lab Basement	3"	40'	—	—	NBP
" " "	" "	4"	42'	—	—	NBP
" " "	" "	6"	30'	40	—	NBP
2-2-88	" "	3"	104'	—	—	NBP
" " "	" "	4"	41'	40	—	NBP
2-3-88	" "	3"	89'	—	—	NBP
" " "	" "	4"	44'	32	—	NBP
2-5-88	" "	3"	36'	—	—	NBP
" " "	" "	4"	86'	32	—	NBP
2-8-88	" "	3"	89'	—	—	NBP
" " "	" "	4"	55'	—	—	NBP
" " "	" "	6"	25'	40	—	NBP
2-9-88	" "	3"	83'	—	—	NBP
" " "	" "	4"	30'	—	—	NBP
" " "	" "	6"	24'	—	—	NBP
" " "	" "	9"	26'	40	—	NBP
Completed Footage in Lab Basement Building #1 remaining footage identified on these sheets will be completed on T&M along with the enclosures						
Total			844	224		



DATE: 7-23-63

DAILY PROJECT LOG

Project Name: Union Carbide water well Job No.: 2011
Superintendent: Thomas M. Smith (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

7:30 Collected from the air sample at
Cape Henry, Norfolk County, Va. 7/12/71

Also started 2 more of the same and
2 other new cases second floor

12:00 Lunch

12:30 Back to work house. calculate
also took a call on house

3:30 Started slow, moving over
time to mid day and finally
stopped at 4:00.

W. T. C. + H. H. H.

1. Comparison of the two papers

SIGNATURE: *[Signature]*

SUBS. SIGNATURE

ЭМИ, ОСТРА
"ПРОМОНОВА 15912 А"
EPRC VW 80111 Die AGG O.S.
(1591212)

STEELE SMIT YJIAQ

19m012u.

Revised
top No

10 AUGUST

Day	Date
1	1/1/19
2	1/2/19
3	1/3/19
4	1/4/19
5	1/5/19
6	1/6/19
7	1/7/19
8	1/8/19
9	1/9/19
10	1/10/19
11	1/11/19
12	1/12/19
13	1/13/19
14	1/14/19
15	1/15/19
16	1/16/19
17	1/17/19
18	1/18/19
19	1/19/19
20	1/20/19
21	1/21/19
22	1/22/19
23	1/23/19
24	1/24/19
25	1/25/19
26	1/26/19
27	1/27/19
28	1/28/19
29	1/29/19
30	1/30/19
31	1/31/19

Day of Week: Wed
Date: 11/11/11

UCC 007078

[illegible]



DATE: 2-22-68

DAILY PROJECT LOG

Project Name: Union Carbide Sintersville Job No.: 0011

Superintendent: Thomas M. Huhle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

[illegible]

SIGNATURE:

2T33H2 3MIT YJIAQ

DATE RECEIVED
NO
JAN 19 1964

20102

JATMAN, QUOD BOLAM

304197
27173430

2802

230AW
2UMOB

28000
28000

2304W
T2

29 UDC
72

37A9

TABLE 2

(TMA9) 3MAM

BRIEF DESCRIPTION OF WORK

[illegible]



EARTHCO, INC.
"A Clean Environment"

DATE: 2-19-88

DAILY PROJECT LOG

Project Name: Yarrow Creek to Louisville Job No.: 50141
Superintendent: Thomas M. H. H. (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

7:30 Collected pump for maintenance
at permit location in field
8:00 AM started in pump area
and JS

10:00 Lunch

2:30 3 men back to work on pump
then 2 to field area for
P chart

5:00 PM 2 men back to work on pump
and

8:30 PM started in pump area
in a time to see a big hole. had
found. Then we went to check
the pump 1/2 way down

SIGNATURE: Thomas M. H. H.



EARTHCO, INC.
"A Clean Environment"

DATE: 2-12-88

DAILY PROJECT LOG

Project Name: Union Carbide Sintering Job No.: 0014
Superintendent: Thomas M. Hinkle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

7:30 Calibrated pump for air sample and set operating
work permit for Lab Basement Bldg 7

8:00 Started work on Sintering

12:00 Lunch

12:30 started 2 men back work on Sintering
took EL and went to get X-ray of
chest

1:30 Back from getting X-ray and EL
on Sintering + R. King to Pump
Site to pump down and set
Asbestos

3:30 started cleanup work on Sintering
pump then time to work up and
change clothes

SIGNATURE: Thomas M. Hinkle



EARTHCO, INC.
"A Clean Environment"

DATE: 2-17-88

DAILY PROJECT LOG

Project Name: Union Carbide Sintersville Job No.: 0014
Superintendent: Thomas M. Hinkle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

7:30 Calibrated pump for air sample, authorized
work permit for Lab Basement Bldg #1

8:00 Men started to work on floor in
ing T² and 90°

9:30 Union Break 15 min

12:00 Lunch

12:30 Started men back to work on
floor

2:00 Union Break 15 min

3:45 Started cleaning area under men
to wash up and to
change clothes

*this is on
low site*

SIGNATURE: Thomas M. Hinkle



EARTHCO, INC.
"A Clean Environment"

DATE: 2-16-88

DAILY PROJECT LOG

Project Name: Union Carbide Sistersville Job No.: 0014
Superintendent: Thomas M. Hinkle (print)

NOTE - Fill in GENERAL comments on routine progress on this project on the above date. DETAIL major problems and action taken, injuries, equipment breakdown, unusual conditions or situations, inspections, hiring or firing of personnel and any other occurrence which may affect the project. This log may be utilized as a legal document.

7:30 Calibrated pump for air sample, got hazardous
work permit for Lab Basement Bld # 1

8:00 Started measuring air in laboratory work
Ralph Jahn doctor's appointment "will be
in today"

9:30 Union Break 15 min

12:00 Lunch

12:30 Started new back to work on
laboratory

2:00 Personal Break 15 min

3:45 Started clean up, giving room
time to wash up and change
clothes

SIGNATURE: Thomas M. Hinkle

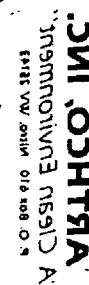
3807

10

JA 107

1-1
Job No

Day of Week: Tues
Date: 11/10/03



UCC 007087

2/15/88

T. R. R. R. R.

Subject: Insulation Upgrade

For January month to date progress is as follows:

Pipe stripped by footage	844'
Enclosure stripping	2 air handlers
	2 vessels
Removal by encapsulation	1 carbon carb.
	1 carb. in carb.

Remaining work is ahead on the fiberglass lines, the carbon carb. condenser and some minor footage that will be done in T&E. This will finish the basement. The chases to 1st and 2nd floor have been added and will be done with a 2 man crew while the rest move over to Distribution.

Job is still going very good.

Keith