

OFFICE MEMORANDUM

TO : Dean Meyer, Group Leader, H-1

DATE: 7/21/64

FROM : John Enders, H-1

SUBJECT: SOLID RADIOACTIVE WASTE DISPOSAL REPORT FOR THE SECOND QUARTER OF 1964

SYMBOL :

1320 Report
This report covers solid radioactive waste disposal activities during the second quarter of 1964. Information on data presented was furnished by The Zia Parks and Refuse Dept., Eng-4 Group, SP-3 Group, The Zia Janitorial Dept., and LA Notebook #11866, #S-1065 and #12442. As some of the data is based on estimates, this fact should be kept in mind if any conclusions are to be drawn from this report.

Area G:

The Zia Roads Section started digging pit #4 on May 18. The pit is to have a trench on the floor of the pit to receive combustible, contaminated material from the demolition of buildings in TA-1. As of 7/1/64, the pit was nearly finished, except for the trench in the floor of the pit. The overall excavated size of pit #4 appears to be somewhat less than the other pits in this area.

On 5/25/64, a decision was made to attempt recovery of some material from pit #2 which had been buried in the third layer of trash in the pit about a year and one-half ago. The approximate location of the material had been logged into LA Notebook #11866 which afforded information as to where to dig. The material was successfully recovered on 5/28/64, which is somewhat surprising when it is noted that about 25 feet of overburden had to be removed.

On 7/1/64, pit #3 was receiving material in the fourth layer. About one half of the usable pit space is now filled. On April 29, two truck loads of classified, contaminated material was received from Bendix and buried in pit #3 after unloading.



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Area C:

In Area C, disposal well #88 was in use as of 7/1/64, for receiving gamma active and/or classified, contaminated material. Pit #5, Area C, also received scrap material from the cleanup operation on the Ten Site Hot Cells.

Numbered signs for identification of disposal wells in Area C were received during this quarter and installed on stakes by each well. A purchase request has been submitted for metal stakes and numbered signs to be located along the south wall of pit #4, Area G.

Volume of waste discarded:

1. 55 gal. drums(530 X 0.3 yd. ³)	<u>Total:</u> 159
2. Cardboard boxes(6,287 X 0.087yd. ³)	547
3. Large plastic bags(720 X 0.46yd. ³)	331
4. Small plastic bags(1,972 X 0.037yd. ³)	73
5. Misc. scrap material(estimated)	<u>1,000</u>
Total:	2,110yd. ³

Disposal Costs:

1. Small plastic bags(1,972 X 14¢)	\$ 276.00
2. Large plastic bags(720 X 51¢)	367.00
3. Cardboard boxes(6,287 X 19¢)	1,195.00
4. 55 gal. drums(530 X \$8.29)	4,394.00
5. 2" masking tape (400 rolls X 64¢)	256.00

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Disposal Costs:(continued)

6. Zia Janitor charge	\$9,292.00
7. D-7 Dozer rental	450.00
8. H-1 vehicles(#0567 & 0967)	240.00
9. H-1 radio rental	51.00
10. Protective clothing	50.00
11. Cover exposed trash	893.00
12. Fencing, Area G(Bal. as of 6/30/64=\$2,214)	151.00
13. Road & Ruin excav.(Bal. as of 6/30/64=\$7,353)	135.00
14. Excavate pit #3(Bal. as of 6/30/64=\$5,807)	1,935.00
15. Health Physics Surveyor	2,625.00
16. Zia Laborers(estimated)	832.00
17. Zia Riggers(estimated)	1,120.00
18. Transport Dempster Dumpsters	<u>1,728.00</u>

Total: \$25,990.00

Cost per cubic yard, this quarter: \$12.00

cc: File