

C  
G

OFFICE MEMORANDUM

TO : Dean Meyer, Group Leader, H-1

DATE: 7/25/68

FROM : John Enders, H-1

SUBJECT: SOLID RADIOACTIVE WASTE DISPOSAL REPORT FOR THE SECOND QUARTER OF 1968

SYMBOL :

Forward:

This report covers disposal activities for the second quarter of 1968. As some of the data presented is based on estimates, this fact should be kept in mind if any conclusions are to be drawn from the report.

Information for the report has been furnished by the Zia Co., Eng-4, SP Dept., and LA Notebooks # 14995 and 12442.

Beta-Gamma Disposal: Areas C and G

One 12" diameter, cement lined disposal shaft was filled in Area C during this quarter. There are now only two of these shafts left in the area.

A request has been made to Eng-4 to have 10 more 24" diameter, unlined shafts drilled in Area G as there are now only 4 empty shafts left of the original number drilled in this area.

Low-level waste disposal: Area G

Exposed trash in pit #5 was covered during the quarter as much of the material consisted of wooden building debris and posed a fire hazard in the pit.

According to information from Eng-4, the work of laying out two new disposal pits just west of the present area and the digging of at least one pit will take place late this Fall.

The editor of the ATOM magazine has spent considerable time with H-1 Group getting information for an article on solid radioactive waste disposal activities at LASL. The article appeared in the July issue of the magazine.

1773 Report

C

7875



OFFICE MEMORANDUM

TO :

DATE: 7/25/68

FROM :

SUBJECT:

SOLID RADIOACTIVE WASTE DISPOSAL REPORT FOR THE SECOND QUARTER OF 1968

SYMBOL :

A review of procedures to be used in the event of a fire at the disposal area has been made this quarter. One meeting has been held with other members of H-1 Group who are on the "call" list. Methods and plans were discussed as to how this type of emergency could be more efficiently handled.

In order to determine more accurately the weight per cubic foot of solid radioactive waste, the Zia Co. Refuse Dept. was requested to weigh Dempster Dumpster containers originating from DP West Site and report the net weight of material. From their report, which included 5 ten cubic yard containers and 2 four cubic yard containers, the average weight per cubic foot amounts to 2.2 pounds. Four skip-type containers, loaded with sludge drums, were also weighed. 36 drums weighed 20,940 pounds which averages 582 pounds per drum, or 72 pounds per cubic foot.

Waste Volume:

		<u>Total</u>
1. Small plastic bags	(2,079 X 0.037 yd. <sup>3</sup> )	<u>77</u>
2. Large plastic bags	( 836 X 0.46yd. <sup>3</sup> )	385
3. Cardboard boxes	(7,714 X 0.087 yd. <sup>3</sup> )	671
4. 55 gal. drums	( 409 X 0.3 yd. <sup>3</sup> )	123
5. Misc. scrap	(estimated)	<u>785</u>
	Total=	2,041

Disposal Costs:

		<u>Total</u>
1. Sm. Pl. Bags(2,079 X 8¢)		\$ 166
2. Lg. Pl. Bags(836 X 25¢)		209
3. Cardboard boxes(7,714 X 19¢)		1,466

OFFICE MEMORANDUM

TO :

DATE: 7/25/68

FROM :

SUBJECT: SOLID RADIOACTIVE WASTE DISPOSAL REPORT FOR THE SECOND QUARTER OF 1968

SYMBOL :

Disposal Costs:(continued from page two)

	Total
4. 55 gal. drums(409 X \$8.60)	\$ 3,517
5. 2" masking tape(500 rolls @ 70¢ ea.)	350
6. Zia Janitor Charge	7,850
7. H-1 Vehicles	240
8. H-1 Radios	166
9. Protective clothing	50
10. Road & Ruin excav.(Bal. as of 7/1/68=\$5,183)	135
11. Excav. Pit #5(Bal. as of 7/1/68=\$2,845)	1,423
12. Health Physics Surveyor	2,625
13. Zia Laborers(estimated)	1,000
14. Zia Riggers(estimated)	2,000
15. Cover exposed trash in pit #5	1,002
16. Transport Dempster Dumpsters	<u>4,342</u>
Total=	\$26,541

Cost per cubic yard this quarter= \$13.00

cc: File  
xc: Charles Reynolds, ENG-4