

OFFICE MEMORANDUM

TO : Dean Meyer, Group Leader, H-1

DATE: 10/14/63

FROM : John Enders, H-1

SUBJECT: Solid Radioactive Waste Disposal Report for the third quarter, 1963

SYMBOL :

General:

1318 Report
This report covers disposal activities for the third quarter of 1963. Data for this report was supplied by The Zia Parks and Refuse Dept., Eng-4, SP-3, The Zia Janitorial Dept., and LA Notebook #11866. Because some of the data presented are estimates, this fact should be kept in mind if any conclusions are drawn from this report.

During this quarter one out-of-town shipment (Bendix Corp., Kansas City, Mo.) was received and buried in Pit #3, Area G. This pit has now received its first layer of routine material as well as a considerable quantity of non-routine waste during this quarter. 430 55 gal. drums(empty) from the General Tanks Area of DP West were delivered this quarter by Zia Laborers.

Pit #2, Area G, was backfilled to ground level in July. The USGS had installed moisture tubes in this pit and 20' extensions tubes had to be put on by H-1 in order to bring the ends of the tubes above the ground level.

Work on the clean up of Area C finally got underway this quarter. Most of the material was moved into pit #5 where it is to be buried. The work took about one week to complete.

A work order request has been sent to Eng-4(on 9/17/63) for digging twenty additional disposal wells and lining ten of these with 12" of cement so as to leave a 12" diameter hole for disposal of gamma active liquids. As there are now only five wells left, it is hoped that this work can be completed soon.



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Third Quarter Waste Volume:

		<u>Total Yd.³</u>
1.	55 gal. drums (707 X 0.2723 yd. ³)	192
2.	Cardboard Boxes (6,559 X 0.087 yd. ³)	570
3.	Lg. plastic bags (780 X 0.46 yd. ³)	358
4.	Sm. plastic bags (1,736 X 0.037 yd. ³)	64
5.	Misc. Scrap (estimated)	<u>1,000</u>
	Total:	2,184

Disposal Cost Data

Area C:

1.	Cleanup of Area C	\$ 688.00
2.	Fencing(Bal. as of 9/30/63= \$872)	97.00
3.	D-38 delivery to Pit #5(not reported on 2nd. qtr.)	<u>206.00</u>
	Total:	\$ 991.00

Area G:

1.	Cardboard Boxes (6,559 X 19¢)	\$1,246.00
2.	Small plastic bags (1,736 X 14¢)	243.00
3.	Large plastic bags (780 X 51¢)	398.00
4.	55 gal. drums (707 X \$7.20)	5,090.00
5.	Masking tape (400 rolls X 64¢)	256.00
6.	Zia Janitor Charge	9,292.00
7.	Health Physics Surveyor Charge	2,625.00
8.	H-1 Vehicles(#0567 and #0967)	240.00

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Disposal Cost Data(contimed)

Area G:

9.	Fencing, Area G(Bal. as of 9/30/63=\$2,667)	\$ 151.00
10.	Excavate Pit #3(Bal. as of 9/30/63=\$11,612)	1,935.00
11.	Protective Clothing(estimated)	50.00
12.	Road & Ruin Excavation(Bal. as of 9/30/63=\$7,758)	135.00
13.	D-7 Dozer Rental	450.00
14.	H-1 Radio Rental	51.00
15.	Zia Laborers (estimated)	2,560.00
16.	Zia Riggers (estimated)	1,440.00
17.	Cover exposed trash, Pit #3	701.00
18.	Backfill Pit #2 to ground level	2,192.00
19.	Dempster Dumpster Transportation Charge	<u>3,176.00</u>
	Total=	\$32,231.00

Cost per cubic yard = \$15.00

cc: File