

OFFICE MEMORANDUM

TO : Dean Meyer, Group Leader, H-1

DATE: 10/12/64

FROM : John Enders, H-1

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

SYMBOL :

1321 Report  
Data for this report has been furnished by The Zia Parks and Refuse Dept., Eng-4 Group, SP-3 Group, The Zia Janitorial Dept. and LA Notebook # 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 the report.

Area G

Pit #4 in this area was completed and began to receive material from the TA-1 demolition operations. Considerable quantity of combustible material has been burned in the trench along the south side of the pit. Because the pit walls began to crumble, it was decided to dump material into the trench from the top of the pit rather than risk being struck by falling rock.

The data presented for this quarter is not quite as accurate as it has been in past reports because of the TA-1 demolition material being delivered to Area G. For example, the estimated scrap material delivered to Pit #3 is on the high side because after considerable material was put into pit #3, it was removed to pit #4 and burned. The cost of delivery of material from TA-1 was excluded as it would be almost impossible to estimate.

An out-of-town delivery of contaminated, classified material was made on August 12. The material was unloaded into pit #3 and covered. The routine exposed trash in pit #3 was covered twice during this quarter. The last cover was ordered in order to reduce the potential fire hazard due to the burning of waste material from TA-1 in pit #4.



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Area C:

Disposal well #88 was in use during this quarter. In addition, well # 98 received its first delivery. This well is the first of ten that are concrete lined for irradiated plutonium material.

Delivery of five plutonium contaminated sodium loops from 10 Site was made during August into five empty wells. The loops were first covered with sand and then a layer of cement was poured on top of them.

One delivery of D-38 drums was made to pit #5 this quarter. The drums were covered immediately. In September, it was decided to deliver non-combustible material from the TA-1 demolition operation to pit #5. When this pit is completely filled, it is to be covered to ground level and "closed".

Area C Charges:

1. Fencing(bal. as of 10/1/64= \$ 484)	\$ 97.00
2. Cover D-38 drums	55.00
Total=	\$152.00

Area G Charges:

1. Small plastic bags(1,508 @ 7¢ ea.)	\$ 105.00
2. Large plastic bags( 583 @ 7¢ ea.)	41.00
3. Cardboard boxes( 5,541 @ 19¢ ea.)	1,053.00
4. 55 gal. drums (959 @ \$8.29 ea.)	7,950.00
5. 2" masking tape(400 rolls @ 64¢ ea.)	256.00
6. Zia Janitor Charge	9,292.00

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Area G Charges:(continued)

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	900.00
12. Fencing(bal. as of 10/1/64=\$2,063)	151.00
13. Road & Ruin Excav.(bal. as of 10/1/64=\$7,218)	135.00
14. Excavate pit #3(bal. as of 10/1/64=\$3,872)	1,935.00
15. Health Physics Surveyor	2,625.00
16. Zia Laborers(estimate)	1,050.00
17. Zia Riggers(estimate)	800.00
18. Dempster Dumpster transportation	<u>2,857.00</u>
Total =	\$ 29,941.00

Trash volume:

	<u>Cubic Yards</u>
1. Small plastic bags(1,508 X 0.037 yd. <sup>3</sup> )	56
2. Large plastic bags(583 X 0.46 yd. <sup>3</sup> )	268
3. Cardboard boxes( 5,541 X 0.087 yd. <sup>3</sup> )	482
4. 55 gal. drums(1,190 X 0.3 yd. <sup>3</sup> )	357
5. Misc. scrap(estimated, approx. 1,000yd. <sup>3</sup> from TA-1)	<u>3,025</u>
Total =	4,188

Cost per cubic yard this quarter=\$9.00

1,000-  
3,188(routine trash)