

OFFICE MEMORANDUM

TO : Dean Meyer, Group Leader, H-1

DATE: 4/10/64

FROM : John Enders, H-1

SUBJECT: Solid Radioactive Waste Disposal Report for the first quarter of 1964

SYMBOL :

This report covers disposal activities during the first 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. Some of the data presented is based on estimates and this fact should be kept in mind if any conclusions are to be drawn from this report.

During this quarter considerable scrap material was placed in Pit #3, Area G, from the DP Laundry, Shops Dept. and from old C Shop, TA-1. This material has contributed materially to the volume of waste discarded this quarter.

A change in the method of placement of waste in the pits has been made, at the request of Eng-4 Group. Heretofore, waste has been placed in sections along the floor of the pit and covered when the section (about one third of the width of the pit floor) was completed. This permitted access into and out of the pit as well as physical separation of the 55 gal. drums filled with sludge from combustible boxed material. Eng-4 insists on filling the entire floor of the pit before covering waste material. The term "insist" is used because a work order request to cover exposed trash within Pit #3 was submitted to Eng-4 on 3/5/64 and it is the author's opinion that Eng-4 has refused to activate an order until the pit floor is entirely covered with waste material.

Twenty new disposal wells were drilled in Area G in January. 10 of these wells have been lined with 12" of cement with a 12" diameter pipe



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located in the center of the well. These ten wells are to be used for disposal of liquid wastes containing irradiated plutonium. The liquids are to be absorbed in vermiculite prior to disposal.

56 drums containing D-38 (from Shops Dept.) were delivered to Pit #5, Area C, and covered. This operation was completed in March. A decision to exclude delivery of other types of waste material to this pit was made in March. This should assure adequate disposal space for D-38 disposal for a long time.

Three disposal wells in Area C were used during this quarter for disposal of gamma active waste material.

Area C Charges:

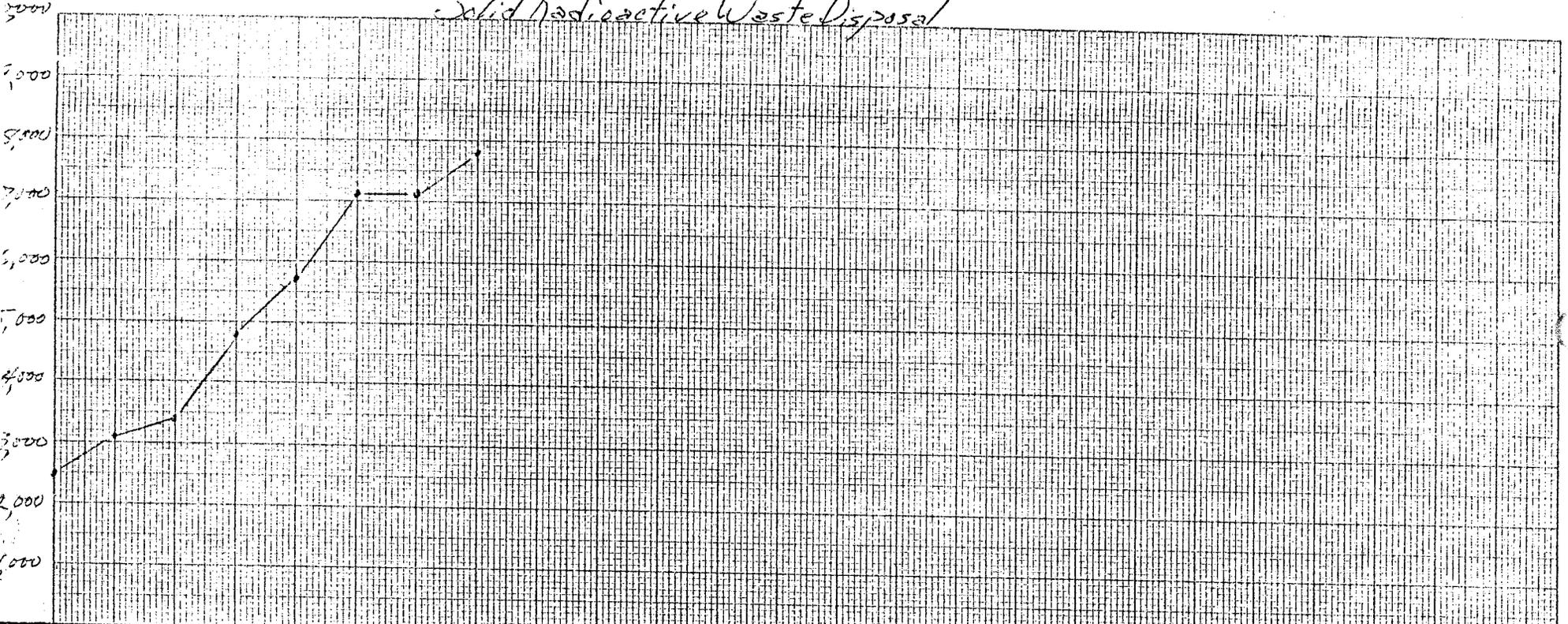
1.	Fencing (Bal. as of 3/31/64 = \$678)	\$ 97
2.	Drill 20 disposal wells	3,598
3.	Cover D-38 drums	<u>61</u>
		Total = \$ 3,756

Volume of Waste Material:

	<u>Cubic Yards Total</u>	
1.	Boxes (6,709 X 0.087 yd. ³)	584
2.	Small Plastic Bags (1,615 X 0.037 yd. ³)	60
3.	Large Plastic Bags (745 X 0.46 yd. ³)	343
4.	55 gal. Drums (631 X 0.368 yd. ³)	232
5.	Misc. Scrap (estimated)	<u>1,000</u>
		Total = 2,219 yd. ³

Solid Radioactive Waste Disposal

1/3



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Cost per cubic yard

1956 57 58 59 60 61 62 63

