

OFFICE MEMORANDUM

4-27-59

TO : Dean Meyer, Group Leader H-1

DATE: 4/14/59

FROM : John Enders, H-1

SUBJECT: CONTAMINATED TRASH DISPOSAL, FIRST QUARTER OF 1959.

SYMBOL : H-1

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Report

1753

GENERAL

Use Of Pits #1, Area G and Pit #6, Area C:

The first delivery of routine contaminated trash was made to Pit #1. Area "G" (Mesita Del Buey) on Jan. 2, 1959. At this time Pit #6, Area C, was set aside for receiving non-routine material. Such material as dirt, concret and contaminated Acid Sewer line from old Tech Area was being placed into Pit #6 this quarter. The East half of Pit #6 is reserved for chemical containers from the D.P.W. Dump. This material is to be picked up by Zia Laborers under H-3 supervision. When the move is completed the East portion of Pit #6 is to be covered to ground level. The West end of the pit will be filled up to ground level when it has been nearly filled with non-routine trash.

Hauling Of 55 Gal. Sludge Drums:

On 3/6/59 the first load of these drums was hauled to the pit in Skip-type Dempster Dumpster containers. The hauling job was formerly done by Zia Laborers using a one ton Ford truck.

The new Dempster Dumpster containers (2) were taken to the Zia Heavy Equipment shop where a welded bead was run on the reinforcement ribs on the fronts of the containers. Lengths of chain were also fastened to the side panels inside the containers. The containers were then given a coat of paint and appropriate lettering and put into service. One is located at Bldg. 35, D.P.W. and the other at TA-45, TA-1. A tentative S.O.P. has been written up for this hauling operation, listing suggested procedures to be followed to perform this job.



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Status Of Pit #2 Area G:

The excavation of this pit was started in December, 1958 and in February 1959, the work was completed. The excavated pit is about the same size as pit #1. Work has started on installation of fencing which, when completed, will enclose both pits.

Six Bushel Capacity Trash Dollies:

12 of these trash carts were received this quarter and distributed to several sites for use and evaluation as a means of holding contaminated trash. Preliminary reports on their use indicate the carts are quite useful.

Trash Hauling From Bayo:

Some difficulty has been experienced in hauling trash from Bayo. The two 10 cubic yard boxes have been filled too full so that the Dempster Dumpster trucks have not been unable to lift the boxes. At present there could be two solutions. One, close supervision of the loading operation to avoid filling the boxes too full. Two, exchange the two 10 cubic yard boxes for two 4 cubic yard boxes. The latter may be necessary later on so as to provide 10 cubic yard boxes for the new Sigma Bldg.

Cost Write Off For Pit #6, Area C:

As this pit is now used for receiving non-routine trash it would be very difficult to determine a cost per cubic yard figure. There are certain fixed costs which are still being written off and these are tabulated.

Disposal Of Classified Material:

AEC Security has raised the question as to the use of Pit #1, Area G, for disposal of classified material. The question is still being debated by D-4, U of C, and AEC Security. It is hoped the matter may soon be resolved as Pit #6 and Pit #5, Area "C", will eventually be filled.

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Cost Tabulation for Pit #6 Area C:

Fencing (1/10 per year = \$97.00 per quarter). Balance remaining as of  
March 31, 1959 = \$2,608.00.

DISPOSAL COSTS 1 St. Qtr. 1959

Boxes (6,378 @ 19¢ ea.)	\$1,211.00
Drums (117 @ \$2.60 ea.)	304.00
Large Plastic bags, 5 mil. (750 @ 51¢ ea.)	382.00
Small " " " " (774 @ 14¢ ea.)	108.00
Masking tape, 2 inch (400 rolls @ 64¢ ea.)	256.00
H-1 Monitor (200 man hrs., estimated @ \$4.35 per hr.)	870.00
Protective clothing	50.00
Janitor charge	7,535.00
H-1 Escort vehicle (½ ton Chev. pickup, #0325)	100.51
D-7 Dozer Rental (8 hrs. @ \$8 hr.)	64.00
Covering exposed trash @ Pit #1	570.34
Barrel pick up (truck) #0967	833.82
Trash pick up (Dempster Dumpster)	1,761.21
Fencing	151.00
Road and Ruin Excavation	135.00
Excavation of Pit#1 (1/8 of Bal. \$3,140)	393.00
1 ton Ford truck #0967 (March only)	42.93

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 \$14,767.81
Volume of Trash:Cubic yards

1. Boxes (6,378)	555
2. Small plastic bags (774)	29
3. Large " " (750)	353
4. 55 gal. drums (117)	43
5. Miscellaneous items (property, etc.)	145

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 Total: 1,125

Cost per cubic yard = \$13.00

 CC: C. Reynolds, Eng. 4 Grp. Ldr.  
 C. Christenson, H-7 Grp. Ldr.  
 H-1 File