



UNITED STATES MARINE CORPS
BASE MAINTENANCE DIVISION
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542-5000

TS000
85-254

IN REPLY REFER TO:
11000
MAIN
6 May 87

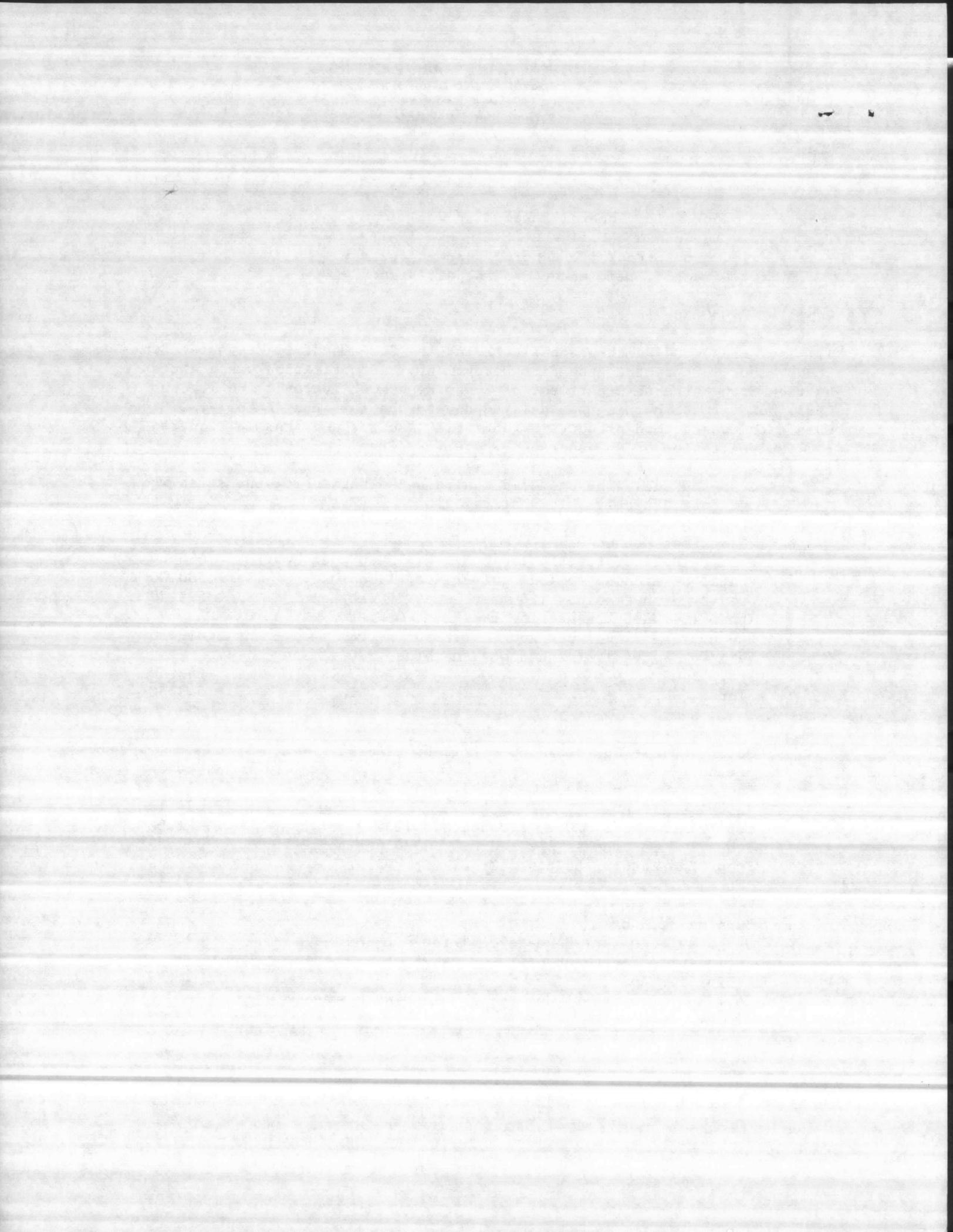
From: Transportation General Foreman
To: Base Maintenance Officer
Via: (1) Ground Structures General Foreman *XDS*
(2) Director, Maintenance and Repair Branch *Rla*

Subj: MIP 85CLNC-254-FAC

1. The scrap wood which was collected at the Base Landfill was burned on 28 November 1986 by the Base Fire Department. Authorization was granted by the North Carolina Department of Human Resources letter dated 10 June 1985, however the burning was delayed due to the fact that LtCol W.M. Rice considered waste wood products a renewable resource and that it required the implementation of a Resources Recovery Program.

2. Based on the following economic analysis the burning of the scrap wood is the most cost effective alternative.

| | |
|---|------------------|
| a. Pulverizer Method | |
| Wood Pulverizer rental, 120 hours @ \$150.00 per hour | 18,000.00 |
| Rental of machine to load pulverizer, 1 month | 1,500.00 |
| Loader to move chips, 120 hours @ \$4.76 per hour | 571.20 |
| Three (3) WG-8 Engineering Equipment Operators, 360 hours @ \$15.61 per hour | 5,619.60 |
| Fuel for Pulverizer and rental machine, 870 gallons @ \$.75 | 652.50 |
| Total | <u>26,343.30</u> |
| b. Burying Method | |
| Motor Vehicle Operator, WG-7, 112 hours @ \$14.77 per hour | 1,654.24 |
| Engineering Equipment Operator, WG-8, 56 hours @ \$15.61 per hour | 874.16 |
| Two (2) Laborers, WG-2, 112 hours @ \$10.19 per hour | 1,141.28 |
| Two (2) Dump trucks, 112 hours @ \$3.24 per hour | 362.88 |
| Front End Loader, 56 hours @ \$4.76 per hour | 266.56 |
| Total | <u>4,299.12</u> |
| c. Burning Method | |
| D-5 Crawler Dozer, 8 hours @ \$10.60 per hour | 84.80 |
| Engineering Equipment Operator, WG-8, 8 hours @ \$15.61 per hour | 124.88 |
| Cost for Fire Department to train and burn wood | -0- |
| Total | <u>209.68</u> |

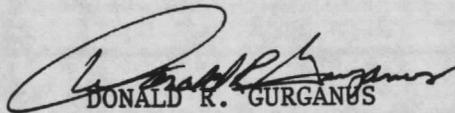


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3. It is recommended that MIP 85CLNC-254-FAC suggestor be recognized and awarded for his contribution based on a net savings of \$4,089.44. The figures utilized for this analysis is the current labor rate including overhead.

4. It is recommended that an area be pushed off behind the Landfill adjacent to the borrow pit which is already established and that all wood products be stored in this location. This would afford units and employees to recover material that could be utilized.

5. When an accumulation of scrap wood is generated it could be segregated and utilized by the Base Fire Department for constructive and realistic fire training. This could conserve valuable landfill space and eliminate the possibility of a fire within the Landfill confinements.


DONALD R. GURGANUS

