DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 49TH FIGHTER WING (ACC)
HOLLOMAN AIR FORCE BASE, NEW MEXICO

19 JUL 1999

MEMORANDUM FOR NEW MEXICO ENVIRONMENT DEPARTMENT
Attn: Mr. Stephanie Kruse
Hazardous & Radioactive Materials Bureau
P.O. Box 26110
Santa Fe NM 87502

FROM: 49 CES/CD
550 Tabosa Avenue
Holloman AFB NM 88330-8458

SUBJECT: Final Closure Report Submittal for the Sewage Lagoons Closure

1. The attached *Final Closure Report for the Sewage Lagoons Closure* is submitted for approval. In accordance with Section 6.3 of the approved closure plan, a written certification of closure with the signature of a New Mexico professional registered engineer and Holloman AFB representative is included. In addition, a deed notification is being filed with our Real Property office. The Deed Notification Summary will be sent to you by July 31.

2. If you have any questions or require additional information, please contact Jose Gallegos at (505) 475-5395.

HOWARD E. MOFFITT
Deputy Base Civil Engineer

Atttachment:
Final Closure Report for the Sewage Lagoons Closure (1 copy)

cc (w/ attachment):
Mr. Allen Chang
USEPA, Region 6 (6 PD-N)
1445 Ross Ave.
Dallas TX 75202-2733

cc (w/o attachment):
Mr. Derek Johnson
Foster Wheeler Environmental Corp.
6605 Uptown Blvd., Ste. 220
Albuquerque NM 87110

Mr. Tom Zink
USACE, Omaha District
Attn: CENWO-PM-H (Zink)
215 North 17th St.
Omaha NE 68102-4978

FINAL
CLOSURE REPORT FOR
SEWAGE LAGOONS CLOSURE

Prepared for:

49 CES/CEVR

Holloman Air Force Base, NM

and

HQ ACC CES/ESV

Langley Air Force Base, VA

Prepared by:

Foster Wheeler Environmental Corporation
143 Union Blvd., Suite 1010
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Contract No. DACW45-94-D-0003
Delivery Order 15, Work Authorization Directive 09
U.S. Army Corps of Engineers
Omaha District
Omaha, NE

July 1999

CERTIFICATION AND MANAGEMENT APPROVAL

The following certification by a Professional Engineer and approval from management conforms to the requirements of Title 40 of the Code of Federal Regulations Part 122.

Professional Engineer Certification

This Closure Report was prepared by or under the direct supervision of the undersigned, a registered Professional Engineer in the State of New Mexico. The report contains information generated by the undersigned, as well as information from other sources that the undersigned believes to be true and accurate.

DEREK W. JOHNSON NEW MEXICO 13069 REGISTERED PROFESSIONAL ENGINEER

7/7/99

Derek W. Johnson, P.E. Date

License Number: New Mexico P.E. No. 13069

Management Approval Statement

This Closure Report, which contains information regarding clean closure (excluding exposure or risk in a residential setting) of the Sewage Lagoons, is fully supported by the Holloman Air Force Command.

13 JUL 1999

Howard Moffitt Date

Civ 49 CES/CD

Holloman Air Force Base

TABLE OF CONTENTS

ACRONYMS iv

1.0 INTRODUCTION 1-1

2.0 SITE DESCRIPTION AND HISTORY 2-1

3.0 SUMMARY OF SEWAGE LAGOONS RISK ASSESSMENTS 3-1
- 3.1 HUMAN HEALTH RISKS 3-2
  - 3.1.1 1991 Human Health Risk Assessment 3-2
  - 3.1.2 1993 Human Health Risk Assessment 3-2
  - 3.1.3 1996 Human Health Risk Assessment Addendum 3-3
- 3.2 ECOLOGICAL RISKS 3-4
  - 3.2.1 1993 Ecological Risk Assessment 3-4
  - 3.2.2 1996 Ecological Risk Assessment Addendum 3-4
- 3.3 SUMMARY AND CONCLUSIONS 3-5

4.0 PROJECT DESCRIPTION 4-1
- 4.1 GENERAL DESCRIPTION 4-1
- 4.2 CONSTRUCTION ACTIVITIES 4-1

5.0 CONSTRUCTION DOCUMENTATION 5-1
- 5.1 AS-CONSTRUCTED TOPOGRAPHIC SURVEY 5-1
- 5.2 COMPLETION INSPECTION REPORTS 5-1
- 5.3 FIELD CHANGE REQUEST FORMS 5-2
- 5.4 MANUFACTURERS' CERTIFICATES 5-2
- 5.5 GEOTECHNICAL AND CONCRETE TEST RESULTS 5-2
- 5.6 MATERIAL DELIVERY TICKETS SUMMARY 5-2
- 5.7 DAILY QUANTITY OF PLACED SOIL 5-2
- 5.8 SITE INSPECTION QUALITY CONTROL REPORTS 5-2
- 5.9 DEED NOTIFICATION SUMMARY REPORT 5-2
- 5.10 DOCUMENT AND RECORDS RETENTION 5-3

6.0 OPERATION AND MAINTENANCE 6-1

7.0 REFERENCES 7-1

LIST OF FIGURES

Figure 1 Location of Former Sewage Lagoons.....2-2

APPENDICES

APPENDIX A AS-CONSTRUCTED TOPOGRAPHIC SURVEY

APPENDIX B COMPLETION INSPECTION REPORTS

APPENDIX C FIELD CHANGE REQUEST FORMS

APPENDIX D MANUFACTURERS' CERTIFICATES

APPENDIX E GEOTECHNICAL AND CONCRETE TEST RESULTS

APPENDIX F MATERIAL DELIVERY TICKET SUMMARY

APPENDIX G DAILY QUANTITIES OF PLACED ON-SITE AND IMPORTED SOIL

APPENDIX H SITE INSPECTION QUALITY CONTROL REPORTS

APPENDIX I RESEEDING ACTIVITIES

APPENDIX J GANTT CHART

APPENDIX K LIST OF REPORTS PREPARED REGARDING THE SEWAGE LAGOONS AT HOLLOMAN AFB

ACRONYMS

AFB	Air Force Base
AR	Administrative Records
COC	chemical of concern
DND	Deed Notification Document
DQCR	Daily Quality Control Report
EPA	United States Environmental Protection Agency
ERA	ecological risk assessment
FCR	field change request
ft	feet/foot
Foster Wheeler	Foster Wheeler Environmental Corporation
HHRA	human health risk assessment
IRA	interim response action
IRP	Installation Restoration Program
LTM	long-term monitoring
NMED	New Mexico Environment Department
TERC	Total Environmental Restoration Contract
USACE	U.S. Army Corps of Engineers
WWTP	Wastewater Treatment Plant

1.0 INTRODUCTION

This Closure Report documents the construction activities completed for the final clean closure of the former Sewage Lagoons, Installation Restoration Program (IRP) Site WP-49 at Holloman Air Force Base (AFB), New Mexico. To support the determination of clean closure using a risk-based approach, the results of risk assessments conducted for the site are also summarized. Foster Wheeler Environmental Corporation (Foster Wheeler) conducted all activities for the U.S. Army Corps of Engineers (USACE), Omaha District under the Total Environmental Restoration Contract (TERC) No. DACW45-94-D-0003, Delivery Order 15. All applicable federal and state laws and the New Mexico Environment Department (NMED)-approved closure requirements were met as reported herein.

Foster Wheeler prepared a Construction Work Plan (Foster Wheeler, 1997) in advance of construction activities that was compliant with the contractual requirements of TERC No. DACW45-94-D-0003, Delivery Order 15 and the requirements stipulated by the NMED-approved Sewage Lagoons Closure Plan (Foster Wheeler and Radian, 1996). Construction services included demolition and salvage, site preparation, sludge drying and compaction, earthwork and backfilling, and revegetation. All field activities were performed in accordance with the Site Safety and Health Plan (Appendix B of the Construction Work Plan).

The selection and implementation of the appropriate remedial alternative (clean closure) was based on three risk assessments completed for the site (Radian, 1991; 1993; 1996b) and discussions/ comments received at the April 3, 1996 Stakeholders Meeting, during which clean closure for the former Sewage Lagoons site was defined as closure that excludes exposure or risk in a residential setting (Radian, 1996a). Some limited quantity of hazardous constituents might remain in environmental media after clean closure, provided they are at concentrations below levels that may pose a risk to human health and the environment (EPA, 1998). The chosen alternative for the closure of the site was containment and restoration of the natural surface contours. This alternative involved draining the water from the lagoons, dewatering the sludge until it demonstrated sufficient structural stability to support backfill, providing soil cover for the former lagoons to meet the natural surface contours, and revegetating the site.

Construction activities associated with closure of the former Sewage Lagoons began in fall 1996 when Foster Wheeler was retained to implement an interim response action (IRA) for disease vector and odor control at the Sewage Lagoons. Due to slow drying of the lagoon water/sludges during the winter of 1996/1997, the IRA field activities were suspended in March 1997. Dewatering of the lagoons was conducted from the end of April 1997 through the middle of July 1997 using the pump and sprinkler irrigation system.

Field activities were resumed in August 1997 when weather conditions were favorable. All construction, except for revegetation, was completed by December 1997 in accordance with the NMED-approved Construction Work Plan (Foster Wheeler, 1997), except as noted in Section 4.0 of this report. Revegetation of the site was begun on June 15, 1998, and completed on June 24, 1998.

Following completion of the construction activities at the former Sewage Lagoons, ponding of stormwater runoff in the northern portion of the site was observed after significant rainfall events. This ponding is the result of the additional soil placed at the northwestern portion of the site as part of filling activities at the wastewater treatment plant (WWTP), which were performed under a separate contract. Foster Wheeler has prepared a low-cost drainage design alternative that will effectively collect and convey this stormwater runoff from the northern portion of the site to flow down the western side of the former lagoons to the low-lying area in the southwestern portion of the site. Holloman AFB is currently reviewing this alternative, and it is anticipated that the corrective action will be implemented shortly.

This Closure Report consists of 7 sections and 11 appendices. Section 1.0 provides the introduction to the report and Section 2.0 briefly describes the history of the site. A summary of the risk assessments conducted for the former Sewage Lagoons and the conclusions drawn from each assessment is presented in Section 3.0, along with a review of documents relevant to closure of the site. The planned construction project and description for the field closure activities performed is provided in Section 4.0. Section 5.0 discusses construction documentation for the closure activities and Section 6.0 summarizes the operation and maintenance activities planned

for the site to maintain soil cover integrity and restrict access. References are contained in Section 7.0.

Appendix A contains the as-constructed survey and Appendix B includes the completion inspection reports. Appendix C contains the field change requests (FCRs) and Appendix D contains the Manufacturers' certificates. Appendix E presents the geotechnical and concrete test results and Appendix F includes the material delivery ticket summary. Summaries of the daily quantities of placed on-site soil and soil imported from the borrow area are contained in Appendix G and the quality control reports, including site inspection reports and the submittal register, are contained in Appendix H. Appendices I, J, and K present the reseeding activities, Gantt chart, and list of relevant reports, respectively.

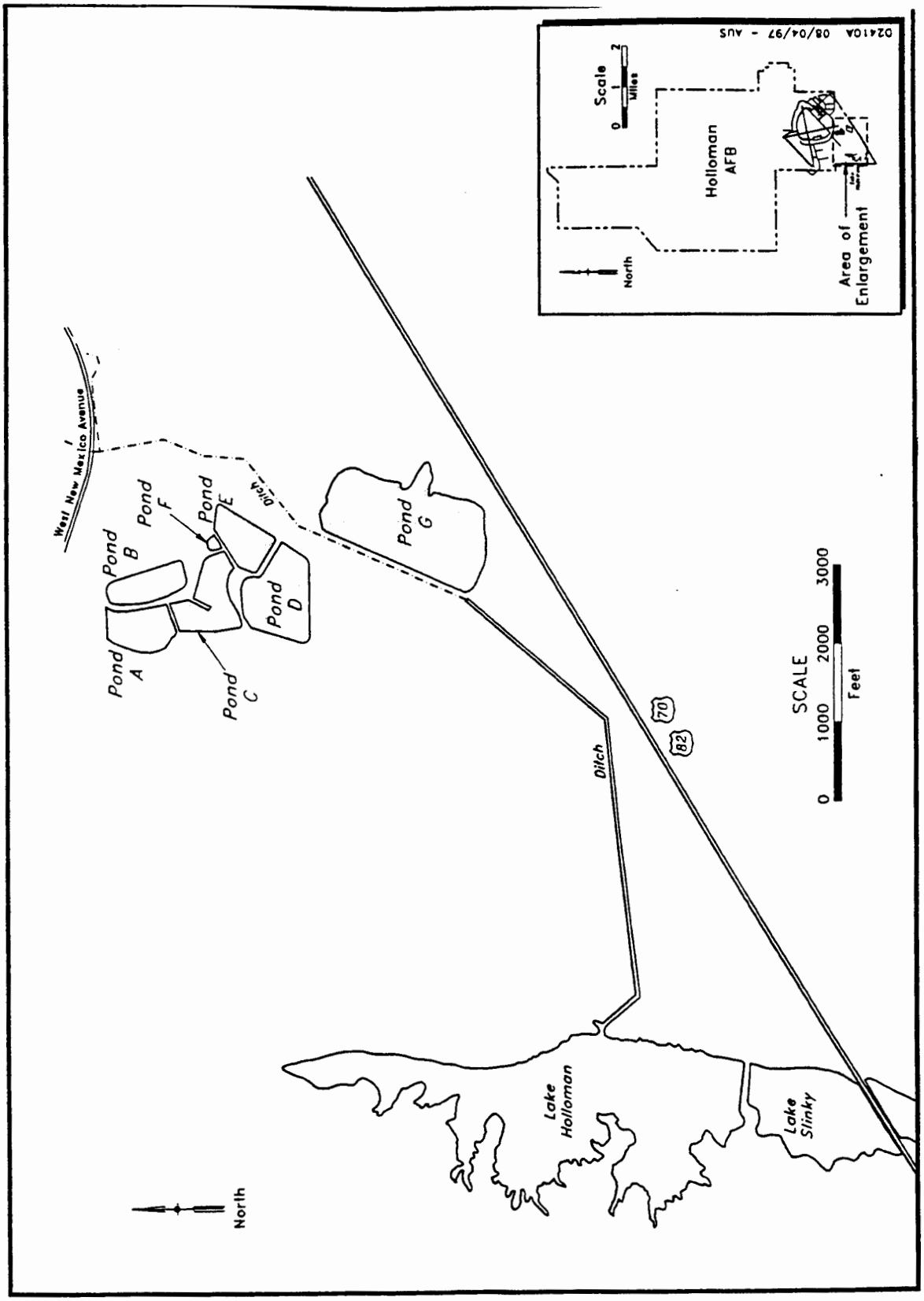
2.0 SITE DESCRIPTION AND HISTORY

The former Sewage Lagoons were located at the southern portion of Holloman AFB, south of the southern end of the north-south runway and south of 49er Avenue and consisted of seven ponds, designated Pond A through Pond G (Figure 1). The area encompassed by the sludge in Ponds A through F was approximately 60 acres and the total area encompassed by the site was approximately 100 acres. The former Sewage Lagoons system was operated from 1944 to July 1996, when the new wastewater treatment plant (WWTP) was put into operation. Ponds A through F were closed under this contract; Pond G was left intact and receives treated water from the new WWTP and continues to provide wildlife habitat for migratory waterfowl and other endangered species as stipulated in the approved Closure Plan (Foster Wheeler and Radian, 1996).

The former Sewage Lagoons historically received approximately 1.2 million gallons of domestic and industrial waste per day, with more than 90 percent of this flow consisting of domestic wastewater. The first three lagoons (Ponds A, B, and C) were aerobic treatment ponds; Ponds D and E were stabilization ponds. After leaving Ponds A, B, and C, the wastewater flowed through Ponds D, E, and G. Pond F was a sump that recirculated water from Pond E to the headworks of the system. Discharge from the last lagoon (Pond G) flowed via an open ditch to Lake Holloman.

Ponds A through F were constructed with relatively flat bottoms were surrounded with berms constructed from the soils excavated from the lagoons. At a later date, an 80-mil geomembrane liner was installed on the inside slope of the berms around these ponds for protection against wave-action erosion; the bottoms of the lagoons were not lined. The typical difference in elevation from the bottom of each lagoon to the top of each berm was approximately 10 feet (ft).

Figure 1 Location of Former Sewage Lagoons



3.0 SUMMARY OF SEWAGE LAGOONS RISK ASSESSMENTS

The final closure of the former Sewage Lagoons was based on the conclusions of three risk assessments completed for the site since 1991. The option of risk-based closure was established during meetings in January 1991 with NMED and the United States Environmental Protection Agency (EPA) Region 6. During these meetings, Holloman AFB requested that the former Sewage Lagoons be allowed to undergo clean closure supported by a site-specific risk assessment. The basis for this request is the discussion of site-specific demonstration of clean closure in the preamble of the final rule for *Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities* (52 *Federal Register* 8704, 8706, 19 March 1987). The agencies agreed in the January 1991 meetings that clean closure of the site, following a site-specific risk assessment, would be an option for the former Sewage Lagoons, assuming that any lagoon that could not meet site-specific health-based standards would undergo an appropriate in-place closure. This position was confirmed by NMED in a letter to Holloman AFB on August 17, 1992. The NMED approved the Sewage Lagoons Closure Plan in 1996, stipulating the closure criteria for the site (Foster Wheeler and Radian, 1996).

The first risk assessment included a human health risk assessment (HHRA) for the entire former Sewage Lagoons system (sewage lagoons, lakes, and ditch) as a single component (Radian, 1991). The second risk assessment included an HHRA and an ecological risk assessment (ERA) for each part of the system as an individual unit on the basis of data collected through 1993 (Radian, 1993). Because several uncertainties existed in the analytical data used to estimate risks in this risk assessment, an additional investigation was conducted at the former Sewage Lagoons in 1994. The third risk assessment, completed as a March 1996 addendum (Radian, 1996b), incorporated the results of the 1994 investigation, biota data collected after the completion of the 1993 risk assessment, and the supportable data from previous investigations. The addendum updated the 1993 HHRA for the former Sewage Lagoons by recalculating the human health risk estimates and replacing the 1993 ERA.

The following sections briefly discuss and summarize the risk assessments that have been completed for the former Sewage Lagoons. The purpose of this review is to establish that risk to potential receptors has been appropriately and adequately assessed at the site.

3.1 HUMAN HEALTH RISKS

For each carcinogenic chemical of concern (COC), the HHRAs estimated the incremental probability that an individual will develop cancer over a lifetime from projected intake levels and cancer potency factors. The EPA Superfund site remediation goal set forth in the National Oil and Hazardous Substances Pollution Contingency Plan established cancer risks between 10^{-4} and 10^{-6} (1 in 10,000 to 1 in 1 million) as acceptable levels for known or suspected carcinogens. For noncarcinogenic COCs, the HHRAs estimated hazard quotients by comparing projected chemical intakes with the toxicity of a given chemical. There may be concern for potential noncancer effects when the hazard quotient (for individual chemicals) or the hazard index (the sum of multiple hazard quotients) exceeds 1.

3.1.1 1991 Human Health Risk Assessment

The 1991 HHRA (Radian, 1991) identified two potential exposure scenarios pertinent to the former Sewage Lagoons:

- Occupational exposure to workers at the former Sewage Lagoons
- Exposure of children living on Base and playing at the former Sewage Lagoons

The carcinogenic risks estimated for all exposure scenarios in 1991 were found to be well below the established cancer risk range of 10^{-4} and 10^{-6}. The estimates of noncarcinogenic effects associated with occupational and recreational activities at the former Sewage Lagoons indicated little likelihood of adverse effects. Exposure for children playing at the site was found to be unacceptable, due primarily to the concentration of organolead in the surface water. However, the presence of organolead was disproven during the 1994 investigation (Radian, 1994).

3.1.2 1993 Human Health Risk Assessment

The 1993 HHRA (Radian, 1993) evaluated risk at each of the seven former sewage lagoons (Ponds A through G). It also evaluated risk for the ditch from Pond G to Lake Holloman and for Lakes Holloman and Stinky. These sites are beyond the scope of this Closure Report and will not be discussed further.

This risk assessment identified the following exposure scenarios pertinent to the former lagoons:

- Occupational exposure at Ponds A through G
- Teenager recreational exposure at Pond G
- Bird watcher/recreational hunter exposure at Pond G
- Future agricultural exposure at Ponds A through G
- Future construction worker exposure at Ponds A through F

In addition to the above scenarios, a baseline risk assessment was conducted that assumed residential development and domestic water use over the entire contaminant source area with little or no remedial activity. It is very unlikely that this site will ever be developed for residential use because (1) the soils are unsuitable for constructing buildings; (2) the groundwater beneath Holloman AFB is unfit for human consumption (having total dissolved solids greater than 10,000 milligrams per liter Basewide); and (3) the former Sewage Lagoons are located at the end of the runway clear zone.

Cancer risks exceeded 10^{-6} for at least one scenario at all sites except at Ponds C, D, and F, and noncancer hazard estimates exceeded 1 for at least one scenario at all sites except Ponds D and F. The baseline risk assessment indicated cancer risk estimates exceeded 10^{-6} for all the former sewage lagoons. Numerous uncertainties were associated with the results of this risk assessment. For example, risks and hazards associated with Ponds A and E were based primarily on single samples in which heptachlor epoxide was detected but not confirmed through sampling and analysis conducted during the 1994 site investigation (Radian, 1994).

3.1.3 1996 Human Health Risk Assessment Addendum

The 1996 addendum to the 1993 HHRA was conducted to reduce some of the uncertainty associated with the 1993 risk assessment and to incorporate additional data collected during the 1994 site investigation. The exposure scenarios evaluated in the 1996 risk assessment addendum (Radian, 1996b) included the following exposure scenarios pertinent to the former Sewage Lagoons:

- Current on-site worker for Ponds A through G
- Current/future recreational hunters at Pond G

- Current/future teenager trespasser at Pond G

The residential land use scenario was not considered in the 1996 addendum, because it is unlikely that homes will ever be built on the site of the former Sewage Lagoons (as discussed in Section 3.1.2).

Cancer risk estimates for the former Sewage Lagoons site were below or well within the acceptable risk range of 10^{-4} to 10^{-6} established by EPA. The estimated noncancer hazard index at all lagoons and for all exposure scenarios was less than 1. It was determined that the majority of the cancer risk could be attributed to concentrations of arsenic; however, arsenic concentrations in soil beneath the former Sewage Lagoons were within the background levels established in 1993 and below the upper tolerance limit of 6.88 milligrams per kilogram in soil at Holloman AFB.

3.2 ECOLOGICAL RISKS

3.2.1 1993 Ecological Risk Assessment

The ecological risks estimated as part of the 1993 risk assessment were calculated based on modeled data (Radian, 1993). Biological tissue samples were collected in 1993 for birds, insects, fish, vegetation, benthic organisms, and salamanders; however, the results of these analyses were not available at the time the 1993 risk assessment was prepared. In the absence of these data, some of the ecological and human health risks were estimated with basic uptake models using soil/sediment and surface water data. This risk assessment has been replaced by the 1996 ERA.

3.2.2 1996 Ecological Risk Assessment Addendum

Twenty-one animal and two plant species were selected for evaluation in the ERA. Of the 23 species assessed, only 8 have actually been sighted in the project area; 3 of which occur as migrants. The remaining 15 were assessed because they are either listed as threatened or endangered or are candidates for listing, or because the project area may provide habitat or forage for the species.

Ponds A through F were not evaluated in the 1996 ERA, because it was known that these sewage lagoons would be drained and closed and would no longer serve as habitat for aquatic wildlife.

The potential for adverse ecological effects was evaluated using a combination of basic uptake modeling from lower trophic levels to higher trophic levels and using biological tissue sample data taken from the sewage lagoons. The potential for adverse effects was estimated by comparing chemical concentrations in the media at Pond G with safe concentrations determined from literature studies. Adverse effects were defined as attributes that may threaten the survivorship and productivity of the aquatic food chain.

DDT and its derivative, DDE, were the only constituents found to have the potential to cause adverse effects in Pond G, primarily to ducks. However, as described in the Site Characterization Report (Radian and Foster Wheeler, 1995) these constituents are no longer entering the system and since 1990 have been decreasing in concentration. The 1996 addendum determined that the survivorship and productivity of the aquatic food chains would not be threatened.

Because only slight ecological risks were indicated in the risk assessment for Pond G, there is no need to conduct closure activities at this lagoon. Furthermore, it has been determined that remedial activities, such as sludge removal from Pond G, would be disruptive to the wildlife that use Pond G as habitat.

3.3 SUMMARY AND CONCLUSIONS

The results of the risk assessments summarized above indicated no unacceptable risk to human health and the environment exist at the former Sewage Lagoons site. The selected closure alternative (containment and restoration to the natural surface contours) as described in the NMED-approved Closure Plan (Foster Wheeler and Radian, 1996) and Construction Work Plan (Foster Wheeler, 1997) significantly reduced any currently acceptable risks by eliminating the exposure pathways. Therefore, the selected alternative further enhanced the protection of human health and the environment and effectively closed the site in an appropriate manner.

4.0 PROJECT DESCRIPTION

4.1 GENERAL DESCRIPTION

The closure of the former Sewage Lagoons was performed in accordance with the requirements set forth in the Federal Facilities Compliance Agreement (EPA, 1988) and the NMED-approved Closure Plan (Foster Wheeler and Radian, 1996). Specific actions were taken to minimize potential disease vectors and odors from the lagoons as they dried, and a minimum 1-ft-thick soil cover was installed over the lagoons and graded to match the existing adjacent lands. The soil used for the cover was taken from the existing berms and from the Base Borrow Area. The cover was constructed to reestablish a natural swale at the site, with drainage from north to south. The average cover thickness was approximately 5 ft over Ponds A and B, 1 to 2 ft over Ponds C and D, 2 to 3 ft over Pond E, and 1 to 2 ft over Pond F.

4.2 CONSTRUCTION ACTIVITIES

Mobilization for the final closure began in August 1997 with establishment of staging, equipment, and material stockpiling areas and personnel and equipment decontamination zones. Site preparation activities were initiated, including abandoning splitter boxes and piping, removing the liners, and preparing a haul road for construction debris that was placed in sludge (see below) and for receiving imported soil for the cover. Construction activities included the following:

1. Aeration of the lagoon liquids, in order to minimize odor generation, using existing aerators until the existing utilities were removed.

2. Demolition and salvage of the existing utilities, pond liners, aerators, metal fences, concrete material and concrete pads, electrical equipment, and miscellaneous materials such as polyvinyl chloride, wire, etc.

3. Spray application of the odor control chemical (Bioxide – an inorganic salt solution) across the former Sewage Lagoons area in order to minimize odors generated by the ponds. There was only one 4,000-gallon tanker truck application of the odor control chemical required during construction since the prevailing wind at the site was to the

south (no significant human habitation/contact) and there was no significant odor problem experienced by workers during the construction activities.

4. Dewatering/draining of the former Sewage Lagoons Ponds A through F. Originally, it was anticipated that the water in the lagoons would naturally evaporate in a timely manner that would facilitate the planned construction schedule as described in the Construction Work Plan (Foster Wheeler, 1997). However, due to the unexpected slow drying/evaporation process at the lagoons, a different approach to the dewatering of the lagoons was implemented. A portable 6-inch pump and sprinkler irrigation system was used that removed the liquid from the ponds and then sprayed the water in a controlled manner over the confines of the Sewage Lagoons site. The spraying activities were confined to the established boundaries of the former Sewage Lagoons area to avoid any potential contamination of the adjacent properties from the sprayed lagoon liquids. This technique was effective in significantly increasing the evaporation of the water and dewatering of the ponds so that drying and compaction of the underlying sludge could be performed.

5. Sludge drying and compaction that was accomplished by physically tilling the sludge and bridging any deep holes observed in lagoon bottoms with crushed concrete debris.

6. Earthwork and backfilling operations that included removal/regrading of the existing berms and placement of the soil cover in 1-ft lifts as detailed in FCR Number 1. The soil layers were compacted to 85 percent of the standard Proctor value and the compaction tests were performed for every 2,500 square yards of soil placed. The testing locations of the compaction tests and summary of results for each pond cover are provided in Appendix B of this report and detailed results are contained in Appendix E. It should be noted that since Pond F was considerably smaller than the other ponds (Ponds A through E), the compaction tests for soil cover locations over Pond F were performed simultaneously with Pond E. Therefore, the testing locations and summary of results for both Ponds E and F are combined within the Pond E documentation.

7. Revegetation according to Base-specific requirements. Reseeding was conducted between June 15, and June 24, 1998 (Appendix I).

8. Demolition and closure of the Building 752 (Pump House) site as detailed in FCR Number 11. The demolition/closure of the Building 752 site was performed between January 29 and February 3, 1999, and is documented on the Closure Report for the Demolition Building 752 (Pump House) (Foster Wheeler, 1999a).

9. Repair of the fence (at various locations) and main gate at the site. The main access gateway to the site was repaired on January 27, 1999, and provides secured access to the area. In addition, minor fence repair and installation of gates along the access road have been periodically performed and this task is expected to be completed simultaneously with the implementation of the planned drainage corrective measure in the northwestern portion of the site, as described in Section 1.0 of this Closure Report.

5.0 CONSTRUCTION DOCUMENTATION

Daily Quality Control Reports (DQCRs) were prepared each day to document construction activities. These reports were previously submitted to the USACE project engineer and are therefore not included herein. The DQCRs documented site activities; resources used, including labor, material, and equipment; inspection and testing performed; problems encountered; and actions taken.

Vendor submittals and construction activities were documented according to the procedures outlined in the Construction Work Plan (Foster Wheeler, 1997). The specific submittals and construction activities are described in the following sections. In addition, a Gantt chart illustrating the progress of closure activities is provided in Appendix J and a list of reports generated to support the sewage lagoons closure project in contained in Appendix K. Together, these appendices form the complete construction documentation record for the closure of the former Sewage Lagoons; all work was completed in conformance with applicable state and federal requirements and in accordance with the NMED-approved Closure Plan (Foster Wheeler and Radian, 1996).

5.1 AS-CONSTRUCTED TOPOGRAPHIC SURVEY

A land survey of project features was performed by a licensed surveyor at the end of the construction phase; the survey plat is provided in Appendix A.

5.2 COMPLETION INSPECTION REPORTS

An inspection report was performed on each definable section of work upon completion and acceptance. Completion inspections were performed at Ponds A and B on November 24, 1997 and at Ponds C, D, E, and F on November 25, 1997. It should be noted that since Pond F was considerably smaller than the other ponds (Ponds A through E), the completion inspection for the area formerly known as Pond F was performed simultaneously with Pond E. Therefore, the results of the final inspection for both Ponds E and F are combined under the Pond E documentation, as shown in Appendix B of this Closure Report. The completion inspection for

the revegetation work was performed on November 2, 1998. These reports are provided in Appendix B.

5.3 FIELD CHANGE REQUEST FORMS

The FCRs were used to document approved changes to the Construction Work Plan (Foster Wheeler, 1997); these forms are provided in Appendix C.

5.4 MANUFACTURERS' CERTIFICATES

Seed and related material certificates are included in Appendix D.

5.5 GEOTECHNICAL AND CONCRETE TEST RESULTS

Documentation regarding compaction tests, Proctor values, soil classification results, and concrete tests used for abandonment are provided in Appendix E.

5.6 MATERIAL DELIVERY TICKETS SUMMARY

Material delivery tickets were retained and a summary of the tickets is provided in Appendix F.

5.7 DAILY QUANTITY OF PLACED SOIL

A record of the daily quantity of placed soil is provided in Appendix G. Summaries of both placed on-site soil taken from the berms and soil imported to the site for placement are included.

5.8 SITE INSPECTION QUALITY CONTROL REPORTS

The submittal register, preparatory inspection report (completed on August 20, 1997), and initial inspection report (completed August 26, 1997) are provided in Appendix H. The erosion, sediment, and pollution control inspection checklists for the period beginning August 22, 1997 and ending June 19, 1998 are also included.

5.9 DEED NOTIFICATION SUMMARY REPORT

Foster Wheeler separately prepared a Deed Notification Document (DND) in April 1999 (the Deed Notification Summary for the Former Sewage Lagoons [Foster Wheeler, 1999b]) that fulfills the Deed Restriction requirement of the NMED-approved Closure Plan (Foster Wheeler

and Radian, 1996). The DND will be submitted simultaneously with this Closure Report and the deed notification will be filed within 60 days of closure certification, as required.

5.10 DOCUMENT AND RECORDS RETENTION

The location and custodian of all closure documentation for the former Sewage Lagoons, including the laboratory sampling analysis sheets and other quality control/quality assurance documentation for sampling and analysis used to evaluate appropriate risks and remedial actions at the lagoons, is Holloman AFB, Environmental Flight (49 CES/CEV). These documents are part of the IRP Administrative Records (AR).

6.0 OPERATION AND MAINTENANCE

The Long-Term Monitoring (LTM) Plan (Radian, 1995) outlines the long-term groundwater monitoring program for the former Sewage Lagoons. Contained in this document is a description of the sampling locations, parameters, and frequency, as well as the standard operating procedures for collecting groundwater samples. In addition, the plan contains the methods and procedures that will be used to evaluate and document the results of groundwater sampling data collected during field LTM investigations, a general schedule for implementation of the plan, and a discussion of data management issues specific to the program. The LTM plan was completed and submitted to NMED and EPA Region 6 in April 1995.

Periodic checks and maintenance will be provided to preserve the integrity of the vegetative soil cover. It is anticipated that these activities will include: (1) soil placement (approximately 100 cubic yards) that will be required periodically to backfill/repair the soil cover, (2) vegetative maintenance, and (3) erosion control measures. Other work such as rock stabilization, road maintenance, and fencing in and around the surrounding site will also be conducted to maintain integrity of the cover and ensure site restriction.

7.0 REFERENCES

EPA (Environmental Protection Agency)

1998. Memorandum from Elizabeth Cotsworth, Office of Solid Waste to RCRA Senior Policy Advisors, Regions I-X. March 16, 1998.

1988. *Federal Facilities Compliance Agreement*, Holloman Air Force Base, New Mexico.

Foster Wheeler (Foster Wheeler Environmental Corporation)

1999a. *Closure Report for the Demolition of Building 752 (Pump House), Field Change Request No. 11*, Holloman Air Force Base, New Mexico.

1999b. *Deed Notification Summary for Former Sewage Lagoons at Holloman Air Force Base, New Mexico, April.*

1997. *Final Construction Work Plan, Sewage Lagoons Final Closure Project*, Holloman Air Force Base, New Mexico, June.

Foster Wheeler and Radian (Foster Wheeler Environmental Corporation and Radian International)

1996. *Sewage Lagoons Closure Plan, Sewage Lagoons Closure Project*, Holloman Air Force Base, New Mexico, June (with revisions dated November 1996).

Radian (Radian International)

1996a. *Holloman Air Force Base Sewage Lagoons Stakeholder Closure Meeting*, April 3, 1996, Albuquerque, New Mexico.

1996b. *Draft Final Risk Assessment Addendum. Sewage Lagoons Closure Project for Holloman Air Force Base, New Mexico.* March 1996.

1995. *Long-term Monitoring Plan for the Sewage Lagoons*, Holloman Air Force Base, New Mexico.

1994. *Conceptual Plan for Additional Sampling at Sewage Lagoons and Lakes Investigation*, Holloman Air Force Base.

1993. *Draft Holloman Risk Assessment, Sewage Lagoons and Lakes Investigation Report for Holloman Air Force Base, New Mexico.* December 1993.

1991. *Risk Assessment for the Sewage Lagoon System, Holloman Air Force Base, New Mexico.* February 1991.

Radian and Foster Wheeler. 1995. Draft Final Site Characterization Report. Sewage Lagoons Closure Project for Holloman Air Force Base, New Mexico. June 1995.

APPENDIX A

AS-CONSTRUCTED TOPOGRAPHIC SURVEY

TO VIEW THE MAP AND/OR MAPS WITH THIS DOCUMENT, PLEASE CALL THE HAZARDOUS WASTE BUREAU AT 505-476-6000 TO MAKE AN APPOINTMENT

APPENDIX B

COMPLETION INSPECTION REPORTS

FOSTER WHEELER ENVIRONMENTAL
SEWAGE LAGOON CLOSURE
TERC Contract No. DACW45-94-D0003
HOLLOMAN A.F.B. NEW MEXICO

COMPLETION INSPECTION

PERSONNEL PRESENT:

NAME:	REPRESENTING	TITLE	DATE
Richard Petty	FWENC	QC. Manager	11-24-97
GEORGE FISH	COE	PROJ ENGR	11/24/97
[illegible]	FWENC	Site Manager	11/24/97
Roy Mahon	FWENC	CONST Supt	11-24-97

SPECIFICATIONS:
02160, 02100, 02200, Project Drawings

INSPECTION ITEMS:
Pond B: Berm Liner Removal, Sludge Drying and Compaction and Earthwork

OBSERVATIONS/DISCREPANCIES:
Work performed in accordance with the specifications noted above

COMPLETENESS/QUALITY OF WORK:
Work performed in Pond B up to revegetation is complete and of good quality. Personnel listed above are in agreement of this

COMMENTS: Sample plastic from the Berm liner will be remove from the surface

See Attachment for compaction test & test locations

11-24-97
DATE

[signature]
QUALITY CONTROL MANAGER

SEWAGE LAGOONS FIN CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
24JUL97	Agra 15914	Proctor/Class/LL	Berm b/w Ponds A and B						125.2	6.0	17	1	ML	N/A
24JUL97	Agra 15916	Proctor/Class/LL	Berm b/w Ponds A and C						119.8	7.8	NV	NP	SM	N/A
24JUL97	Agra 15918	Proctor/Class/LL	Berm at West Pond C						121.1	6.9	15	1	SM	N/A
24JUL97	Agra 15915	Proctor/Class/LL	Berm b/w Ponds C and E						121.9	6.8	NV	NP	SM	N/A
24JUL97	Agra 15913	Proctor/Class/LL	Soil Borrow Pit						113.8	8.2	NV	NP	SM	N/A
20AUG97	ND-A	Nuclear Density	Pond B	Temp Cover	80	14.1	95.8		119.8					Test of Temp.Cover
20AUG97	ND-B	Nuclear Density	Pond B	Temp Cover	85	13.3	101.8		119.8					Test of Temp.Cover
20AUG97	ND-C	Nuclear Density	Pond A	Temp Cover	83	10.8	99.4		119.8					Test of Temp.Cover
20AUG97	ND-D	Nuclear Density	Pond A	Temp Cover	82	11.6	98.2		119.8					Test of Temp.Cover
25AUG97	Agra 15930	Proctor/Class/LL	Soil Borrow Pit						105.6	12.1	NV	NP	ML	N/A
26AUG97	ND-E	Nuclear Density	Pond C	Temp Cover	85	9.5	103.6		121.9					Test of Temp.Cover
27AUG97	ND-01	Nuclear Density	Pond A	1	94	7.8	107		113.8					85% compaction req
27AUG97	ND-02	Nuclear Density	Pond A	1	88	7.4	100.1		113.8					85% compaction req
27AUG97	ND-03	Nuclear Density	Pond A	1	91	8.3	103.6		113.8					85% compaction req
27AUG97	ND-04	Nuclear Density	Pond A	1	96	8.2	115		119.8					85% compaction req
27AUG97	SC-ND-04	Sand Cone	Pond A	1	99	7.7	118.6	-3.1	119.8					85% compaction req
27AUG97	ND-05	Nuclear Density	Pond A	1	91	6.7	96.1		105.6					85% compaction req
27AUG97	ND-06	Nuclear Density	Pond A	1	91	5.4	96.1		105.6					85% compaction req
27AUG97	ND-07	Nuclear Density	Pond A	1	96	7.5	101.4		105.6					85% compaction req
27AUG97	ND-08	Nuclear Density	Pond A	1	96	5.8	101.4		105.6					85% compaction req
27AUG97	ND-09	Nuclear Density	Pond A	1	96	8.9	101.4		105.6					85% compaction req
27AUG97	SC-ND-09	Sand Cone	Pond A	1	98	6.8	103.5	-2	105.6					85% compaction req
28AUG97	ND-10	Nuclear Density	Pond A	1	97	5.5	102.4		105.6					85% compaction req
28AUG97	ND-11	Nuclear Density	Pond A	1	86	13.9	90.8		105.6					85% compaction req
28AUG97	SC-ND-11	Sand Cone	Pond A	1	93	4.7	98.2	-8	105.6					85% compaction req
28AUG97	ND-12	Nuclear Density	Pond A	1	90	7.7	95		105.6					85% compaction req
28AUG97	ND-13	Nuclear Density	Pond A	1	91	9.2	96.1		105.6					85% compaction req
28AUG97	ND-14	Nuclear Density	Pond A	1	100	12.4	105.6		105.6					85% compaction req
28AUG97	ND-15	Nuclear Density	Pond A	1	93	11.8	98.2		105.6					85% compaction req
28AUG97	ND-16	Nuclear Density	Pond A	1	100	12.9	105.6		105.6					85% compaction req
28AUG97	ND-17	Nuclear Density	Pond A	1	91	13.9	96.1		105.6					85% compaction req
28AUG97	SC-ND-17	Sand Cone	Pond A	1	90	14.3	95	1	105.6					85% compaction req
28AUG97	ND-18	Nuclear Density	Pond A	1	100	12.4	105.6		105.6					85% compaction req
28AUG97	ND-19	Nuclear Density	Pond A	1	86	11.5	90.8		105.6					85% compaction req
28AUG97	Agra 15935	Proctor/Class/LL	Soil Borrow Pit						104.4	12.4	NV	NP	SM	N/A
03SEP97	ND-20	Nuclear Density	Pond A	1	90	21.5	94		104.4					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
17SEP97	SC-ND-78	Sand Cone	Pond A	4	89	5.1	96.5	0.2	108.1					85% compaction req
17SEP97	ND-79	Nuclear Density	Pond A	4	92	5.6	99.4		108.1					85% compaction req
17SEP97	ND-80	Nuclear Density	Pond B	1	98	7.9	105.7		108.1					85% compaction req
17SEP97	ND-81	Nuclear Density	Pond B	1	95	4	102.7		108.1					85% compaction req
17SEP97	ND-82	Nuclear Density	Pond B	1	90	6.3	97.4		108.1					85% compaction req
17SEP97	ND-83	Nuclear Density	Pond B	1	91	4.4	98		108.1					85% compaction req
17SEP97	SC-ND-83	Sand Cone	Pond B	1	95	5.6	102.9	-5.0	108.1					85% compaction req
17SEP97	ND-84	Nuclear Density	Pond B	1	94	6.3	101.7		108.1					85% compaction req
17SEP97	ND-85	Nuclear Density	Pond B	1	85	13.2	92.2		108.1					85% compaction req
17SEP97	ND-86	Nuclear Density	Pond B	1	87	10.5	94.5		108.1					85% compaction req
17SEP97	ND-87	Nuclear Density	Pond B	1	90	8	97.3		108.1					85% compaction req
17SEP97	Agra 7309	Proctor/Class/LL	Soil Borrow Pit						109.3	10.8	NV	NP	ML	N/A
19SEP97	Agra 7308	Proctor/Class/LL	Soil Borrow Pit						108.8	11	NV	NP	ML	N/A
24SEP97	ND-88	Nuclear Density	Pond B	1	96.2	7	105.2		109.3					85% compaction req
24SEP97	ND-89	Nuclear Density	Pond B	1	91	6.5	99.9		109.3					85% compaction req
24SEP97	SC-ND-89	Sand Cone	Pond B	1	90	5.7	98.7	1.2	109.3					85% compaction req
24SEP97	ND-90	Nuclear Density	Pond B	1	93	9.2	102.1		109.3					85% compaction req
24SEP97	ND-91	Nuclear Density	Pond B	1	92	8.3	101.1		109.3					85% compaction req
24SEP97	ND-92	Nuclear Density	Pond A	4	99	11.8	108.4		109.3					85% compaction req
24SEP97	ND-93	Nuclear Density	Pond A	4	89	11.4	97.4		109.3					85% compaction req
24SEP97	ND-94	Nuclear Density	Pond A	4	92	9.3	100.9		109.3					85% compaction req
24SEP97	SC-ND-94	Sand Cone	Pond A	4	94	7.2	102.4	-1.5	109.3					85% compaction req
24SEP97	ND-95	Nuclear Density	Pond A	4	96	9	104.7		109.3					85% compaction req
24SEP97	ND-96	Nuclear Density	Pond A	4	93	10.9	101.4		109.3					85% compaction req
24SEP97	ND-97	Nuclear Density	Pond A	4	93	8.9	111.5		109.3					85% compaction req
24SEP97	ND-98	Nuclear Density	Pond A	4	91	6.4	100.1		109.3					85% compaction req
24SEP97	ND-99	Nuclear Density	Pond A	4	94	9.8	112.6		119.8					85% compaction req
24SEP97	SC-ND-99	Sand Cone	Pond A	4	91	12.5	109.1	3.1	119.8					85% compaction req
24SEP97	ND-100	Nuclear Density	Pond A	4	89	12.7	107.6		119.8					85% compaction req
24SEP97	ND-101	Nuclear Density	Pond A	4	88	14.1	105.1		119.8					85% compaction req
24SEP97	ND-102	Nuclear Density	Pond A	4	92	10.2	101		119.8					85% compaction req
24SEP97	ND-103	Nuclear Density	Pond A	4	88	17.7	105.8		119.8					85% compaction req
26SEP97	FW-P2-17	Proctor/Class/LL	Soil Borrow Pit						114.6	9.1	NV	NP	ML	N/A
30SEP97	ND-104	Nuclear Density	Pond B	1	92.8	4.5	106.3		114.6					85% compaction req
30SEP97	SC-ND-104	Sand Cone	Pond B	1	91.8	4.2	105.3	0.9	114.6					85% compaction req
30SEP97	ND-105	Nuclear Density	Pond B	1	92.7	3.9	106.2		114.6					85% compaction req

SEWAGE LAGOONS FI[illegible] CLOSURE PROJECT
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Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
30SEP97	ND-106	Nuclear Density	Pond B	1	89.7	4	102.8		114.6					85% compaction req
30SEP97	ND-107	Nuclear Density	Pond B	1	99.2	5.5	113.7		114.6					85% compaction req
30SEP97	ND-108	Nuclear Density	Pond B	1	96.7	4.5	110.8		114.6					85% compaction req
30SEP97	ND-109	Nuclear Density	Pond B	1	90.3	4.5	103.4		114.6					85% compaction req
30SEP97	SC-ND-109	Sand Cone	Pond B	1	89.5	3.9	102.6	0.8	114.6					85% compaction req
30SEP97	ND-110	Nuclear Density	Pond B	2	95	7	108.9		114.6					85% compaction req
30SEP97	ND-111	Nuclear Density	Pond B	2	99.5	7	114		114.6					85% compaction req
30SEP97	ND-112	Nuclear Density	Pond B	2	90.7	4.5	103.9		114.6					85% compaction req
30SEP97	ND-113	Nuclear Density	Pond B	2	88.5	4	101.4		114.6					85% compaction req
06OCT97	ND-114	Nuclear Density	Pond D	1	88.6	6.2	107.3		121.1					85% compaction req
06OCT97	SC-ND-114	Sand Cone	Pond D	1	93.1	6.9	112.8	-5.1	121.1					85% compaction req
06OCT97	ND-115	Nuclear Density	Pond D	1	92.6	6.5	112.1		121.1					85% compaction req
06OCT97	ND-116	Nuclear Density	Pond D	1	96.7	6	117.1		121.1					85% compaction req
06OCT97	ND-117	Nuclear Density	Pond D	1	92.6	6.2	112.1		121.1					85% compaction req
06OCT97	ND-118	Nuclear Density	Pond D	1	93.2	8.5	112.9		121.1					85% compaction req
06OCT97	ND-119	Nuclear Density	Pond D	1	95.6	8	115.7		121.1					85% compaction req
06OCT97	SC-ND-119	Sand Cone	Pond D	1	94.7	5.6	114.6	1.0	121.1					85% compaction req
06OCT97	ND-120	Nuclear Density	Pond D	1	95.4	8.3	115.5		121.1					85% compaction req
06OCT97	ND-121	Nuclear Density	Pond D	1	90.6	6.5	109.7		121.1					85% compaction req
06OCT97	ND-122	Nuclear Density	Pond D	1	89.8	6.2	108.8		121.1					85% compaction req
06OCT97	ND-123	Nuclear Density	Pond D	1	94.7	8.6	113.4		121.1					85% compaction req
06OCT97	ND-124	Nuclear Density	Pond D	1	98.1	8.6	118.7		121.1					85% compaction req
06OCT97	SC-ND-124	Sand Cone	Pond D	1	96.6	9.1	117	1.4	121.1					85% compaction req
06OCT97	ND-125	Nuclear Density	Pond D	1	91.8	8	111.2		121.1					85% compaction req
06OCT97	ND-126	Nuclear Density	Pond D	1	96.2	8.2	116.5		121.1					85% compaction req
06OCT97	ND-127	Nuclear Density	Pond D	1	95.6	7.6	115.8		121.1					85% compaction req
06OCT97	FW-P5-97	Proctor/Class/LL	Soil Borrow Pit						110.9	11.3	S/NP	S/NP	SM	N/A
06OCT97	sw ???	Gradation	Crushed river gravel											N/A
07OCT97	ND-128	Nuclear Density	Pond D	1	99	7	119.9		121.1					85% compaction req
07OCT97	ND-129	Nuclear Density	Pond D	1	91.2	7.6	110.5		121.1					85% compaction req
07OCT97	SC-ND-129	Sand Cone	Pond D	1	92.2	6.8	111.7	-1.1	121.1					85% compaction req
07OCT97	ND-130	Nuclear Density	Pond D	1	99	7.6	120.7		121.9					85% compaction req
07OCT97	ND-131	Nuclear Density	Pond D	1	95.6	7.3	115.8		121.1					85% compaction req
07OCT97	ND-132	Nuclear Density	Pond D	1	99.3	7.5	120.2		121.1					85% compaction req
07OCT97	ND-133	Nuclear Density	Pond D	1	94.7	8	114.7		121.1					85% compaction req
07OCT97	SC-ND-133	Sand Cone	Pond D	1	91.5	9.8	110.7	3.5	121.1					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
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Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
07OCT97	ND-134	Nuclear Density	Pond D	1	85	7.2	102.9		121.1					85% compaction req
07OCT97	ND-135	Nuclear Density	Pond D	1	97.5	7.5	118.1		121.1					85% compaction req
07OCT97	ND-136	Nuclear Density	Pond D	1	90.4	7.3	109.5		121.1					85% compaction req
07OCT97	ND-137	Nuclear Density	Pond D	1	95.1	6.8	115.1		121.1					85% compaction req
07OCT97	ND-138	Nuclear Density	Pond D	1	97.3	7	117.9		121.1					85% compaction req
07OCT97	SC-ND-138	Sand Cone	Pond D	1	95.7	7.1	115.9	1.7	121.1					85% compaction req
07OCT97	ND-139	Nuclear Density	Pond D	1	90.5	7	109.6		121.1					85% compaction req
07OCT97	ND-140	Nuclear Density	Pond D	1	85.9	7.3	104		121.1					85% compaction req
09OCT97	ND-141	Nuclear Density	Pond B	2	92.7	12.6	102.6		110.9					85% compaction req
09OCT97	ND-142	Nuclear Density	Pond B	2	90.4	8.1	100.3		110.9					85% compaction req
09OCT97	ND-143	Nuclear Density	Pond B	2	94.1	6	104.4		110.9					85% compaction req
09OCT97	SC-ND-143	Sand Cone	Pond B	2	90.9	4.9	100.8	3.4	110.9					85% compaction req
09OCT97	ND-144	Nuclear Density	Pond B	2	88.9	7.7	98.6		110.9					85% compaction req
09OCT97	ND-145	Nuclear Density	Pond B	2	94.5	6.8	104.8		110.9					85% compaction req
09OCT97	ND-146	Nuclear Density	Pond B	2	100	10.7	110.9		110.9					85% compaction req
09OCT97	ND-147	Nuclear Density	Pond B	2	88.4	12.4	98		110.9					85% compaction req
09OCT97	ND-148	Nuclear Density	Pond B	2	95.5	8.7	105.9		110.9					85% compaction req
09OCT97	SC-ND-148	Sand Cone	Pond B	2	93.5	6	103.7	2.1	110.9					85% compaction req
09OCT97	ND-149	Nuclear Density	Pond B	2	89.2	6.6	98.9		110.9					85% compaction req
09OCT97	ND-150	Nuclear Density	Pond B	2	96.4	6.9	107.4		110.9					85% compaction req
09OCT97	ND-151	Nuclear Density	Pond B	2	93.6	6.1	103.8		110.9					85% compaction req
09OCT97	ND-152	Nuclear Density	Pond B	2	95.4	6.9	105.7		110.9					85% compaction req
09OCT97	ND-153	Nuclear Density	Pond B	2	89.1	11.5	98.8		110.9					85% compaction req
09OCT97	SC-ND-153	Sand Cone	Pond B	2	89.5	10.5	99.3	-0.5	110.9					85% compaction req
09OCT97	ND-154	Nuclear Density	Pond B	2	91.1	5.3	101.1		110.9					85% compaction req
09OCT97	ND-155	Nuclear Density	Pond B	2	90.2	8.2	100		110.9					85% compaction req
09OCT97	ND-156	Nuclear Density	Pond B	2	96.5	16.4	107		110.9					85% compaction req
09OCT97	ND-157	Nuclear Density	Pond C	1	93.3	8.4	113.8		121.1					85% compaction req
09OCT97	ND-158	Nuclear Density	Pond C	1	94.1	9.5	114		121.1					85% compaction req
09OCT97	SC-ND-158	Sand Cone	Pond C	1	91.7	7.6	111.1	2.5	121.1					85% compaction req
09OCT97	ND-159	Nuclear Density	Pond C	1	92.7	10.5	112.3		121.1					85% compaction req
09OCT97	ND-160	Nuclear Density	Pond C	1	92.2	6.1	111.7		121.1					85% compaction req
09OCT97	ND-161	Nuclear Density	Pond C	1	87.8	17.4	106.3		121.1					85% compaction req
09OCT97	ND-162	Nuclear Density	Pond C	1	85.8	17.8	103.4		121.1					85% compaction req
09OCT97	FW-P4-97	Proctor/Class/LL	South berm Pond C						111.8	11.1	S/NP	S/NP	SM	N/A
09OCT97	FW-P3-97	Proctor/Class/LL	West berm Pond C						104.7	12.4	S/NP	S/NP	SM	N/A

SEWAGE LAGOONS F[illegible]L CLOSURE PROJECT
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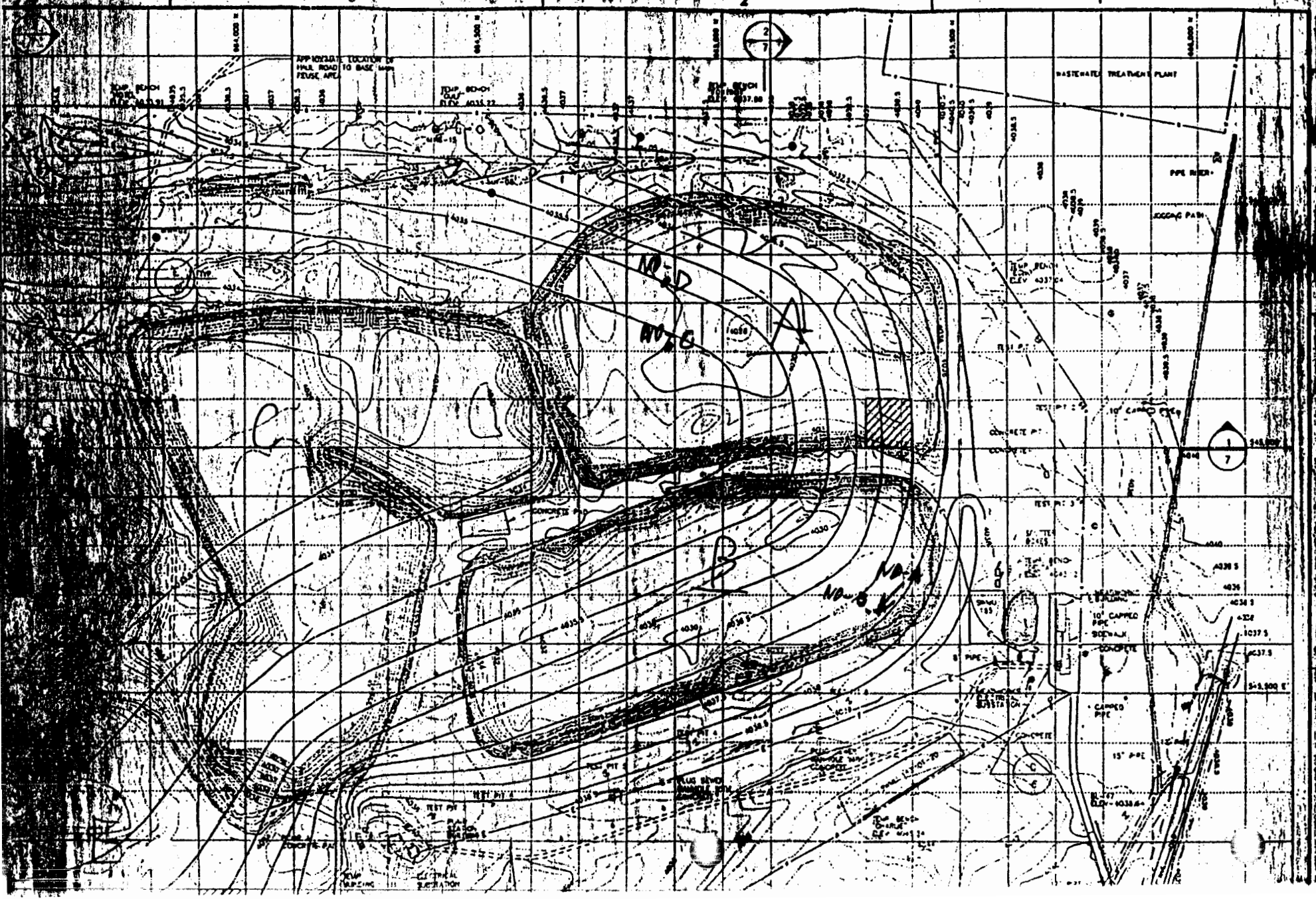
10OCT97	ND-163	Nuclear Density	Pond C	1	87.9	13	106.5		121.1					85% compaction req
10OCT97	SC-ND-163	Sand Cone	Pond C	1	85.7	14.5	103.8	2.5	121.1					85% compaction req
10OCT97	ND-164	Nuclear Density	Pond C	1	99.7	8	120.7		121.1					85% compaction req
10OCT97	ND-165	Nuclear Density	Pond C	1	92.9	11	112.5		121.1					85% compaction req
10OCT97	ND-166	Nuclear Density	Pond C	1	87.4	7.6	105.9		121.1					85% compaction req
10OCT97	ND-167	Nuclear Density	Pond C	1	94.7	6	114.7		121.1					85% compaction req
10OCT97	ND-168	Nuclear Density	Pond C	1	98.7	7.4	119.5		121.1					85% compaction req
10OCT97	SC-ND-168	Sand Cone	Pond C	1	94.6	9.4	114.6	4.1	121.1					85% compaction req
10OCT97	ND-169	Nuclear Density	Pond C	1	89.8	12.3	108.8		121.1					85% compaction req
10OCT97	ND-170	Nuclear Density	Pond C	1	87.5	11.5	106		121.1					85% compaction req
10OCT97	ND-171	Nuclear Density	Pond C	1	86	13.1	104.1		121.1					85% compaction req
10OCT97	ND-172	Nuclear Density	Pond C	1	90.4	7.8	109.5		121.1					85% compaction req
10OCT97	ND-173	Nuclear Density	Pond C	1	88.9	7.8	107.6		121.1					85% compaction req
10OCT97	SC-ND-173	Sand Cone	Pond C	1	94.8	6.2	114.8	-6.7	121.1					85% compaction req
10OCT97	ND-174	Nuclear Density	Pond C	1	88.9	6.3	107.6		121.1					85% compaction req
10OCT97	ND-175	Nuclear Density	Pond C	1	88	10.3	106.6		121.1					85% compaction req
10OCT97	ND-176	Nuclear Density	Pond C	1	89.8	12.5	108.8		121.1					85% compaction req
10OCT97	ND-178	Nuclear Density	Pond C	1	89	9.1	107.8		121.1					85% compaction req
10OCT97	SC-ND-178	Sand Cone	Pond C	1	85.6	9.8	103.6	3.9	121.1					85% compaction req
10OCT97	ND-179	Nuclear Density	Pond C	1	90.4	12.8	109.5		121.1					85% compaction req
14OCT97	ND-180	Nuclear Density	Pond B	3	96.7	9.1	107.2		110.9					85% compaction req
14OCT97	ND-181	Nuclear Density	Pond B	3	97.2	6	107.8		110.9					85% compaction req
14OCT97	ND-182	Nuclear Density	Pond B	3	97.6	11.1	108.3		110.9					85% compaction req
14OCT97	ND-183	Nuclear Density	Pond B	3	97.3	8.1	107.9		110.9					85% compaction req
14OCT97	SC-ND-183	Sand Cone	Pond B	3	93.3	7.6	102.7	4.8	110.9					85% compaction req
14OCT97	ND-184	Nuclear Density	Pond B	3	95.6	5.1	106		110.9					85% compaction req
14OCT97	ND-185	Nuclear Density	Pond B	3	93.3	7.6	103.4		110.9					85% compaction req
14OCT97	ND-186	Nuclear Density	Pond C	1	99.9	12.6	104.6		104.7					85% compaction req
14OCT97	ND-187	Nuclear Density	Pond C	1	97.6	11.8	102.1		104.7					85% compaction req
14OCT97	ND-188	Nuclear Density	Pond C	1	100.8	12.7	105.5		104.7					85% compaction req
14OCT97	SC-ND-188	Sand Cone	Pond C	1	97.1	13.8	101.7	3.6	104.7					85% compaction req
14OCT97	ND-189	Nuclear Density	Pond C	1	100	13.1	104.7		104.7					85% compaction req
14OCT97	ND-190	Nuclear Density	Pond C	1	101.8	15.9	106.6		104.7					85% compaction req
14OCT97	FW-G2-97	Gradation	Mesa Verde											85% compaction req
20OCT97	ND-191	Nuclear Density	Pond C	2	95.8	9.8	107.1		111.8					85% compaction req
20OCT97	ND-192	Nuclear Density	Pond C	2	93.9	12.8	105		111.8					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

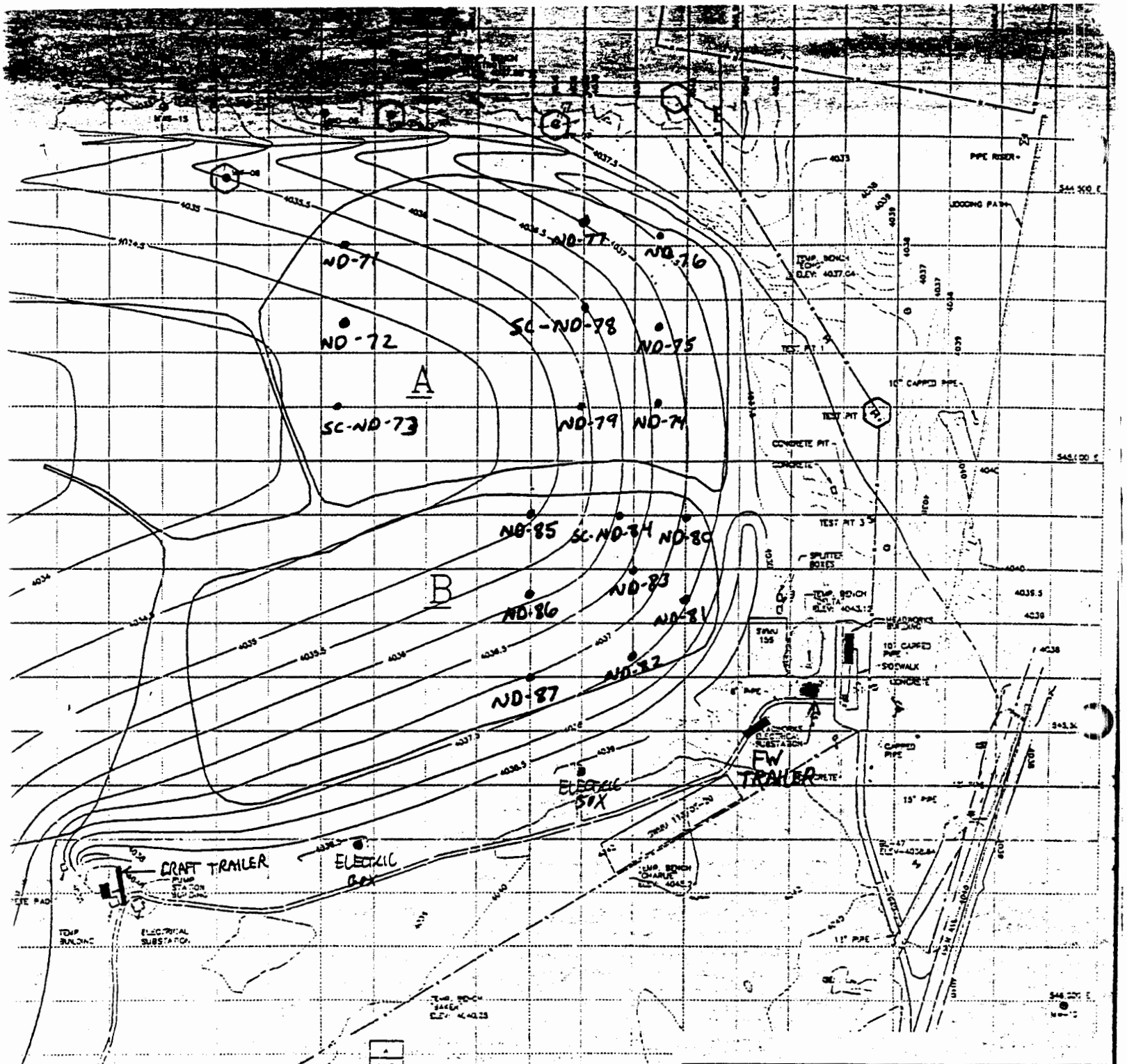
Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
24OCT97	ND-221	Nuclear Density	Pond E	1	94.9	11.2	107.1		113					85% compaction req
28OCT97	FW-G3-97	Gradation	Mesa Verde											failed on grad. 1" & 1/8'
29OCT97	ND-222	Nuclear Density	Pond E	2	99.3	7.9	112.2		113					85% compaction req
29OCT97	ND-223	Nuclear Density	Pond E	2	99	8.1	111.8		113					85% compaction req
29OCT97	SC-ND-223	Sand Cone	Pond E	2					113					85% compaction req
29OCT97	ND-224	Nuclear Density	Pond E	2	99.7	8.6	112.7		113					85% compaction req
29OCT97	ND-225	Nuclear Density	Pond E	2	97.8	7.1	110.6		113					85% compaction req
29OCT97	ND-226	Nuclear Density	Pond E	2	96.4	7	108.9		113					85% compaction req
29OCT97	ND-227	Nuclear Density	Pond E	2	95.2	6.8	107.6		113					85% compaction req
29OCT97	ND-228	Nuclear Density	Pond E	2	99.6	7.1	112.5		113					85% compaction req
29OCT97	SC-ND-228	Sand Cone	Pond E	2					113					85% compaction req
29OCT97	ND-229	Nuclear Density	Pond E	2	99.8	9	112.8		113					85% compaction req
29OCT97	ND-230	Nuclear Density	Pond E	2	98.6	8.4	111.4		113					85% compaction req
30OCT97	ND-231	Nuclear Density	Pond E	2	90.7	7	109.8		121.1					85% compaction req
30OCT97	ND-232	Nuclear Density	Pond E	2	93	6.9	112.6		121.1					85% compaction req
30OCT97	ND-233	Nuclear Density	Pond E	2	92.7	6.9	112.3		121.1					85% compaction req
30OCT97	SC-ND-233	Sand Cone	Pond E	2	90.4	7	109.5	2.5	121.1					85% compaction req
30OCT97	ND-234	Nuclear Density	Pond E	2	97.1	9.1	117.7		121.1					85% compaction req
30OCT97	ND-235	Nuclear Density	Pond E	2	93.5	6.9	113.2		121.1					85% compaction req
30OCT97	ND-236	Nuclear Density	Pond E	2	93.6	9.2	113.4		121.1					85% compaction req
30OCT97	ND-237	Nuclear Density	Pond E	2	95	8.9	105.4		110.9					85% compaction req
30OCT97	ND-238	Nuclear Density	Pond E	2	87	5.5	96.5		110.9					85% compaction req
30OCT97	SC-ND-238	Sand Cone	Pond E	2	95.9	10.2	95.9	0.6	110.9					85% compaction req
30OCT97	ND-239	Nuclear Density	Pond E	2	93.6	8.8	103.8		110.9					85% compaction req
30OCT97	ND-240	Nuclear Density	Pond E	2	96.3	9.5	106.8		110.9					85% compaction req
30OCT97	SW???	Proctor/Class/LL	Base Soil Borrow Pit						108.4	6.2	S/NP	S/NP	SM	N/A
31OCT97	SW???	Gradation	2" from Mesa Verde											failed 2",13/4" & 1/8"
03NOV97	ND-241	Nuclear Density	Pond E	2	98.9	4.9	107.2		108.4					85% compaction req
03NOV97	ND-242	Nuclear Density	Pond E	2	99.6	4.5	108		108.4					85% compaction req
03NOV97	ND-243	Nuclear Density	Pond E	2	95	6.2	103		108.4					85% compaction req
03NOV97	SC-ND-243	Sand Cone	Pond E	2	94.7	7.4	102.6	0.4	108.4					85% compaction req
03NOV97	ND-244	Nuclear Density	Pond E	2	99.9	4.5	108.3		108.4					85% compaction req
03NOV97	SW???	Gradation	2" from Mesa Verde											PASSED
04NOV97	ND-245	Nuclear Density	Pond B	3	98.3	5.3	119.1		121.1					85% compaction req
04NOV97	ND-246	Nuclear Density	Pond B	3	94.8	5	114.8		121.1					85% compaction req
04NOV97	ND-247	Nuclear Density	Pond B	3	97.3	6.4	117.8		121.1					85% compaction req

SEWAGE LAGOONS F[illegible]AL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
04NOV97	ND-248	Nuclear Density	Pond B	3	92	6.4	102		110.9					85% compaction req
04NOV97	SC-ND-248	Sand Cone	Pond B	3	94.1	7.1	104.4	-2.4	110.9					85% compaction req
04NOV97	ND-249	Nuclear Density	Pond B	3	92.8	5.1	102.9		110.9					85% compaction req
04NOV97	ND-250	Nuclear Density	Pond B	3	98.5	5.1	109.2		110.9					85% compaction req
04NOV97	ND-251	Nuclear Density	Pond B	3	97.8	6.3	108.4		110.9					85% compaction req
04NOV97	ND-252	Nuclear Density	Pond B	3	98.5	4.8	109.2		110.9					85% compaction req
04NOV97	ND-253	Nuclear Density	Pond B	3	87.3	4.7	96.8		110.9					85% compaction req
04NOV97	SC-ND-253	Sand Cone	Pond B	3	88.6	5.2	98.3	-1.5	110.9					85% compaction req
04NOV97	ND-254	Nuclear Density	Pond B	3	97.4	4	108		110.9					85% compaction req
04NOV97	ND-255	Nuclear Density	Pond B	3	99.2	5.3	110		110.9					85% compaction req
04NOV97	ND-256	Nuclear Density	Pond B	3	92.3	5.1	111.8		121.1					85% compaction req
04NOV97	ND-257	Nuclear Density	Pond B	3	93	4	112.6		121.1					85% compaction req
04NOV97	ND-258	Nuclear Density	Pond B	3	93.5	4.7	113.2		121.1					85% compaction req
04NOV97	SC-ND-258	Sand Cone	Pond B	3	91.8	5.3	111.2	1.8	121.1					85% compaction req
04NOV97	ND-259	Nuclear Density	Pond B	3	95.3	6.9	115.4		121.1					85% compaction req
04NOV97	ND-260	Nuclear Density	Pond B	3	92.9	5	112.5		121.1					85% compaction req
04NOV97	ND-261	Nuclear Density	Pond B	3	93.6	7.5	113.4		121.1					85% compaction req
04NOV97	ND-262	Nuclear Density	Pond B	3	91.2	7.8	110.4		121.1					85% compaction req
05NOV97	ND-263	Nuclear Density	Pond B	3	90.9	7.5	110		121.1					85% compaction req
05NOV97	SC-ND-263	Sand Cone	Pond B	3	87.7	7.6	106.2	3.5	121.1					85% compaction req
05NOV97	ND-264	Nuclear Density	Pond B	3	91.4	4.7	110.7		121.1					85% compaction req
05NOV97	ND-265	Nuclear Density	Pond B	3	90.8	4.5	110		121.1					85% compaction req
05NOV97	ND-266	Nuclear Density	Pond B	4	90.3	5.3	109.4		121.1					85% compaction req
05NOV97	ND-267	Nuclear Density	Pond B	4	94.1	7	113.9		121.1					85% compaction req
05NOV97	ND-268	Nuclear Density	Pond B	4	89.6	7.3	108.5		121.1					85% compaction req
05NOV97	SC-ND-268	Sand Cone	Pond B	4	89.3	7.7	108.2	0.3	121.1					85% compaction req



3
2
1
WASTEWATER TREATMENT PLANT
PIPE RISER
JOGGING PATH
CONCRETE PAD
10" CAPPED PIPE
SIDEWALK
CONCRETE
CAPPED PIPE
15" PIPE
TEST PIT 3
TEST PIT 4
TEMP BENCH



POND A Lift III = ND-71 thru SC-ND-73
POND A Lift IV = ND-74 thru ND-79
POND B Lift I = ND-80 thru ND-87
Note each lift is a 12" compacted lift.

LEGEND

$$ – THINK VALUE ENGINEERING – $$

REVISIONS

SYMBOL	DESCRIPTIONS	DATE	APPROVED
A	FOR CONTRACTOR USE		R. VERSAW

FOSTER WHEELER ENVIRONMENTAL CORP. DENVER, COLO.

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA

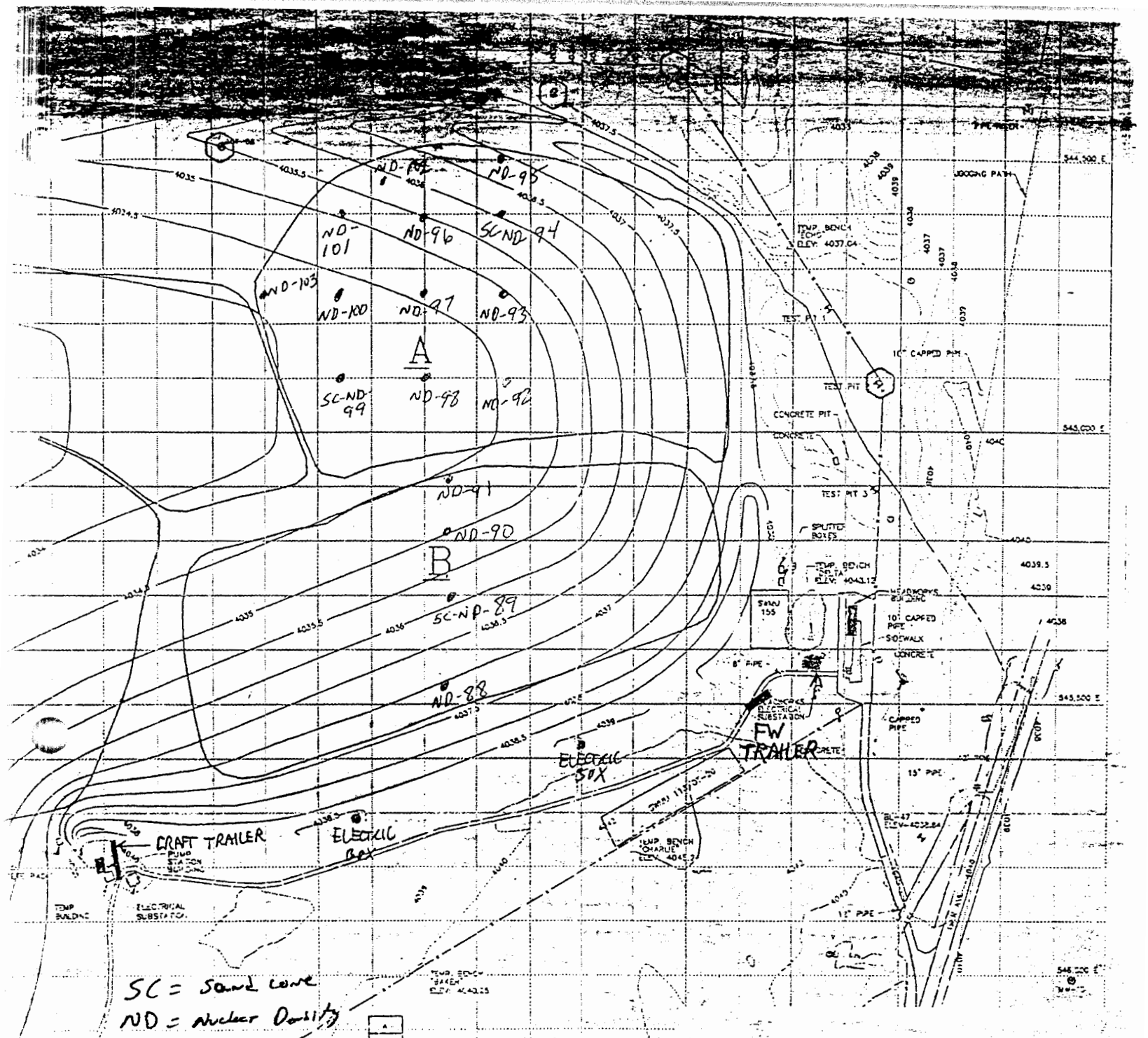
DESIGNED BY: R. BATTALORA
DRAWN BY: C. CONFER
CHECKED BY: R. BATTALORA
REVIEWED BY: R. VERSAW
SUBMITTED BY: R. VERSAW

HOLLOMAN AFB, NEW MEXICO
SEWAGE LAGOONS
FINAL CLOSURE PROJECT

FINAL SOIL COVER CONTOUR PLAN WITHOUT BASE SHOWN

DESIGN FILE: 5508-10.DWG
DATE: 5-AUG-97
SHEET NUMBER: A
CONTRACT NO.: DACW 45-940-0003
REVISION: A

3 2 1



SC = Sand cone
ND = Nuclear Density

Pond B Lift I = ND-88 to ND-91

Pond A Lift IV = ND-92 to ND-103

24 SEP 97

Agralab performed Testing
0945 hrs – 1200 hrs.

LEGEND

- PERMANENT BENCHMARK
- MONITOR WELL
- POWER POLE
- WATER VALVE
- GAS VALVE
- ELECTRIC BOX/TRANSFORMER PAD
- TEST PIT
- 0.5 FOOT CONTOUR
- 5 FOOT CONTOUR
- FENCE
- FLOW LINE
- BURIED ELECTRICAL LINE
- JOGGING PATH
- DIRT ROAD
- PAVED ROAD
- BASIN LIMITS
- NEW 0.5 FOOT CONTOUR

$$ – THINK VALUE ENGINEERING – $$

REVISIONS

SYMBOL	DESCRIPTIONS	DATE	APPROVED
A	FOR CONTRACTOR USE	[illegible]	R. VERSAW

FOSTER WHEELER ENVIRONMENTAL CORP. DENVER, COLO.

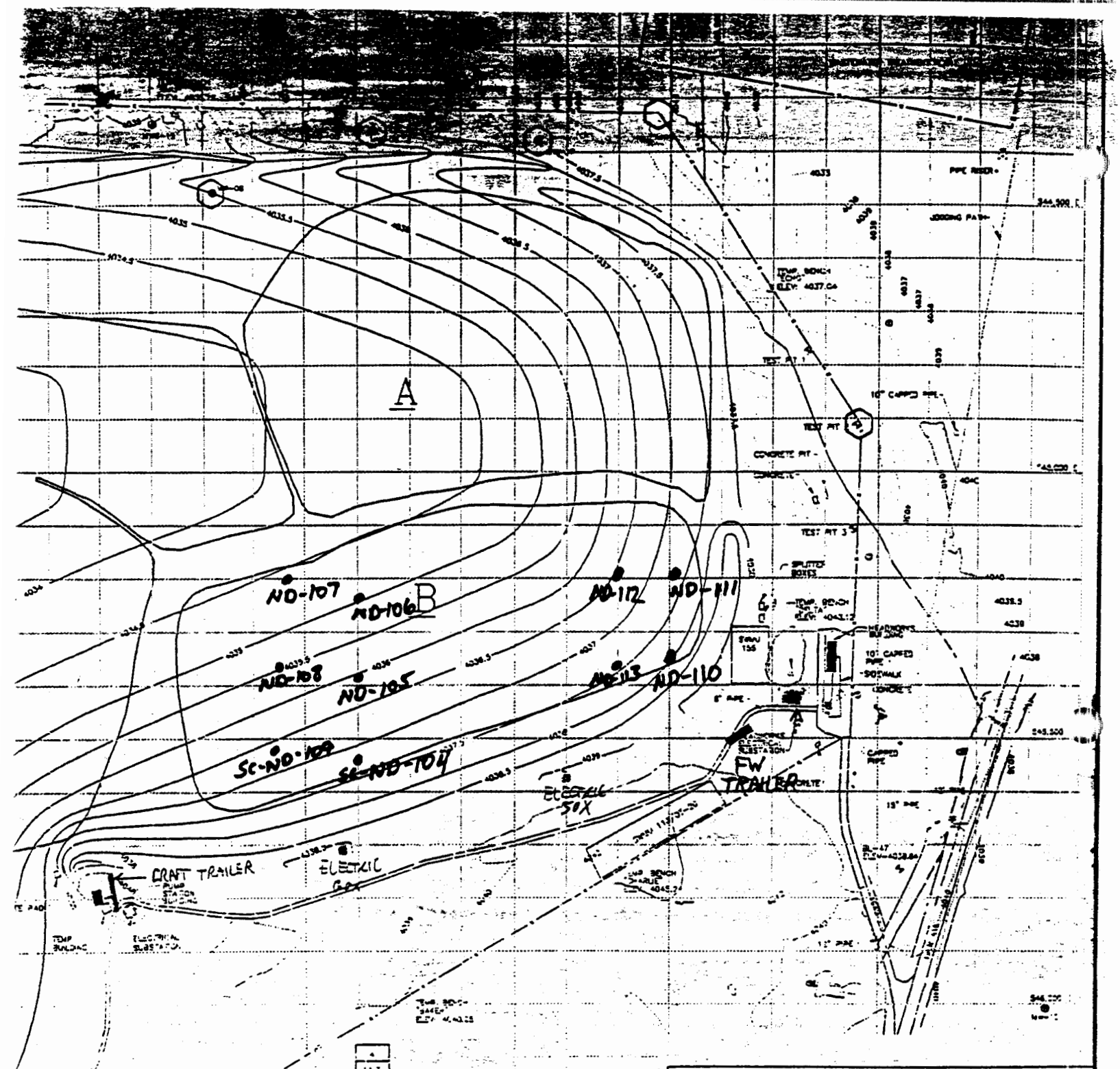
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA

HOLLOMAN AFB, NEW MEXICO
SEWAGE LAGOONS
FINAL CLOSURE PROJECT

FINAL SOIL COVER CONTOUR PLAN WITHOUT BASE SHOWN

DESIGNED BY: R. BATTALORA	DRAWN BY: C. CONFER
CHECKED BY: R. BATTALORA	REVIEWED BY: R. VERSAW
SUBMITTED BY: R. VERSAW	DESIGN FILE: 5508-10.DWG
DATE: 5-AUG-97	SHEET NUMBER: A
CONTRACT NO.: DACW 45-940-0003	REVISION: A

3 2 1



Pond B Lift I = SC-ND-104 to SC-ND-109

Pond B Lift II = ND-110 to ND-113

30 SEP 97

Southwest Engineering performed compaction Testing 0930 hrs to 1230 hrs

RP

LEGEND

$$ - THINK VALUE ENGINEERING - $$			
REVISIONS			
SYMBOL	DESCRIPTIONS	DATE	APPROVED
A	FOR CONTRACTOR USE		

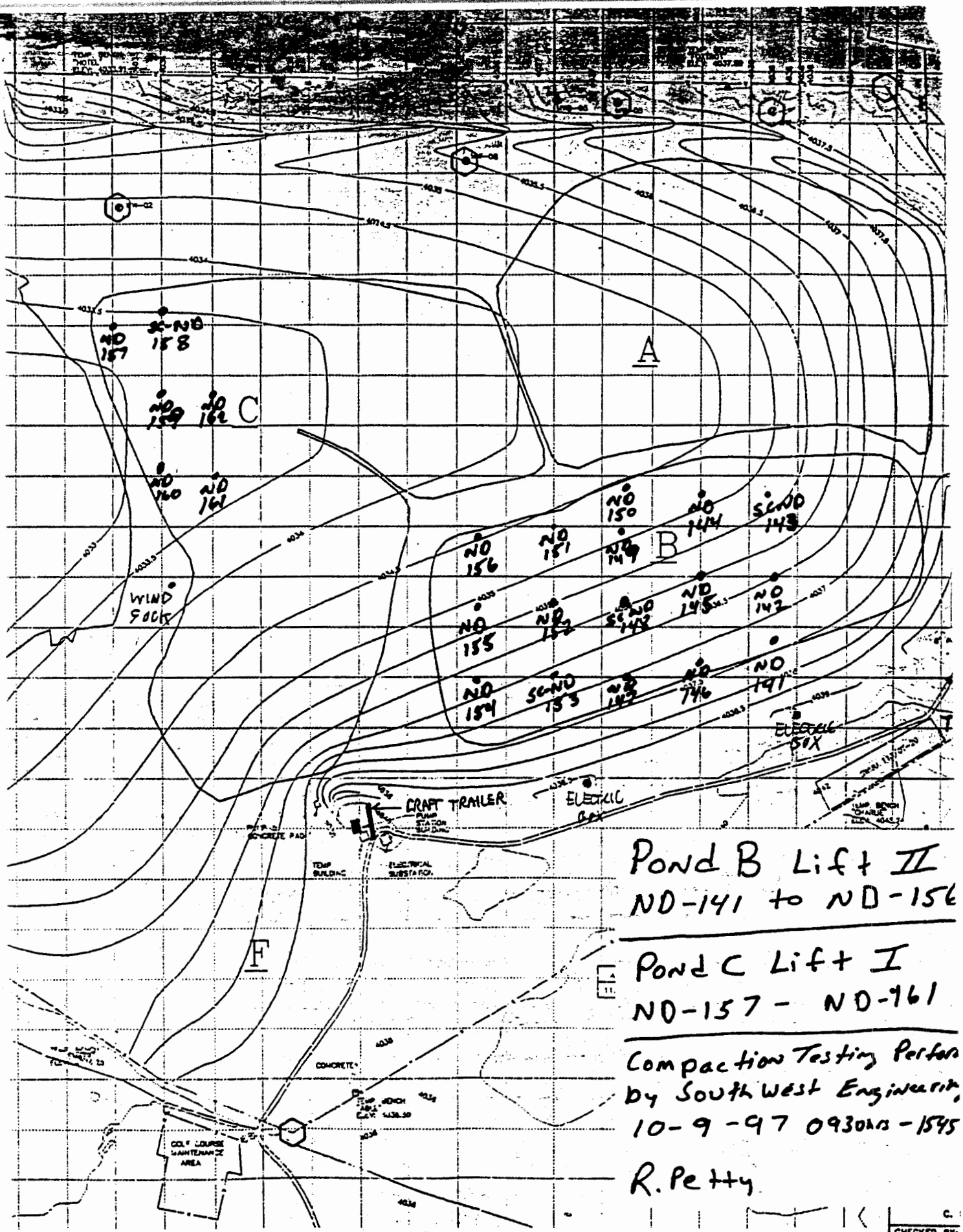
FOSTER WHEELER ENVIRONMENTAL CORP. DENVER, COLO.

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA

HOLLOMAN AFB, NEW MEXICO
SEWAGE LAGOONS
FINAL CLOSURE PROJECT

FINAL SOIL COVER CONTOUR PLAN WITHOUT BASE SHOWN

DESIGNED BY: R. BATTALORA	
DRAWN BY: C. CONFER	
CHECKED BY: R. BATTALORA	
REVIEWED BY: R. VERSAW	DESIGN FILE: 5508-10.DWG
SUBMITTED BY: R. VERSAW	CONTRACT NO.: DACW 45-940-0003
DATE: 5-AUG-97	SHEET NUMBER: A
REVISION: A	



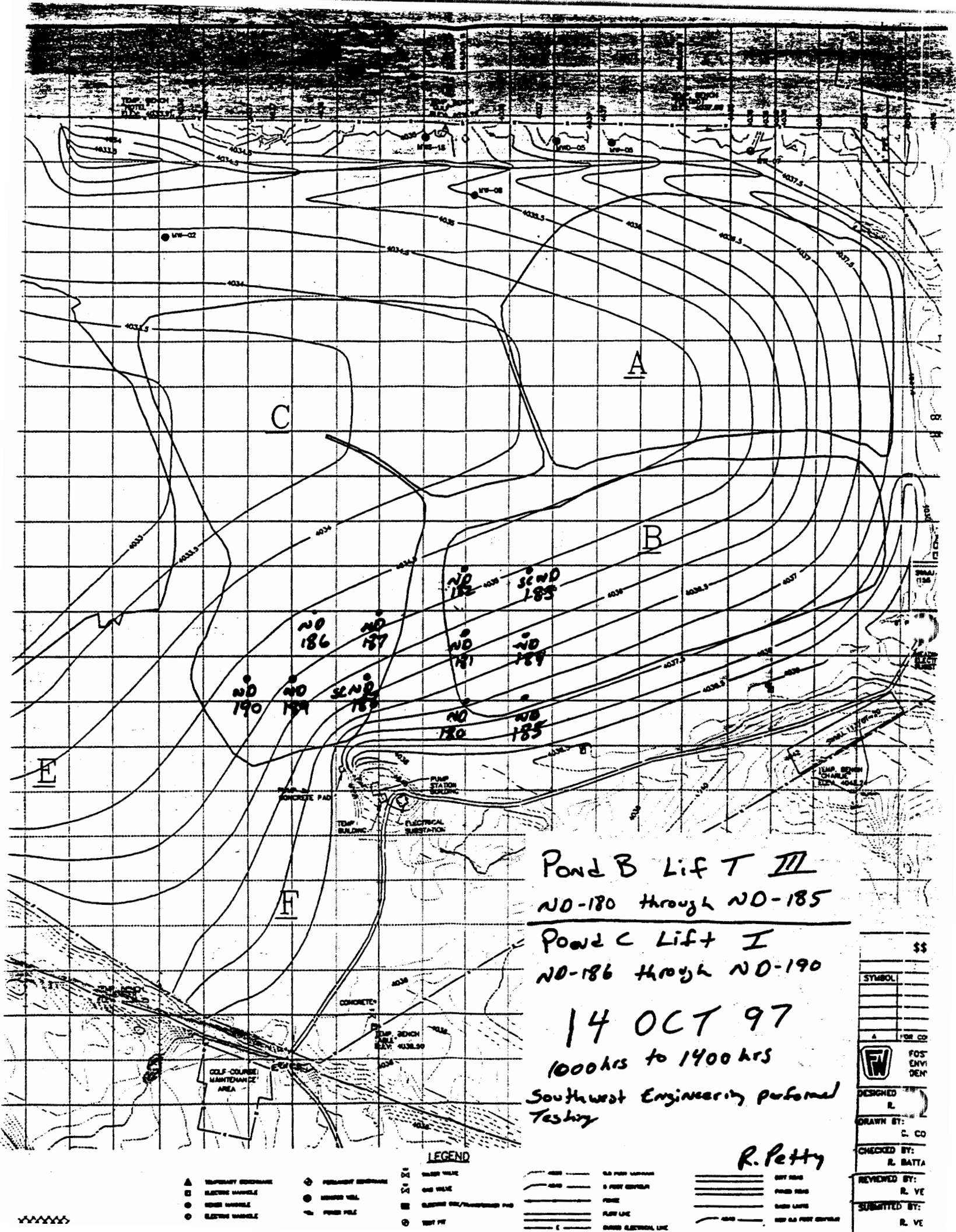
LEGEND

CHECKED BY: R. BAT

REVIEWED BY: R.

SUBMITTED BY R.

3 2

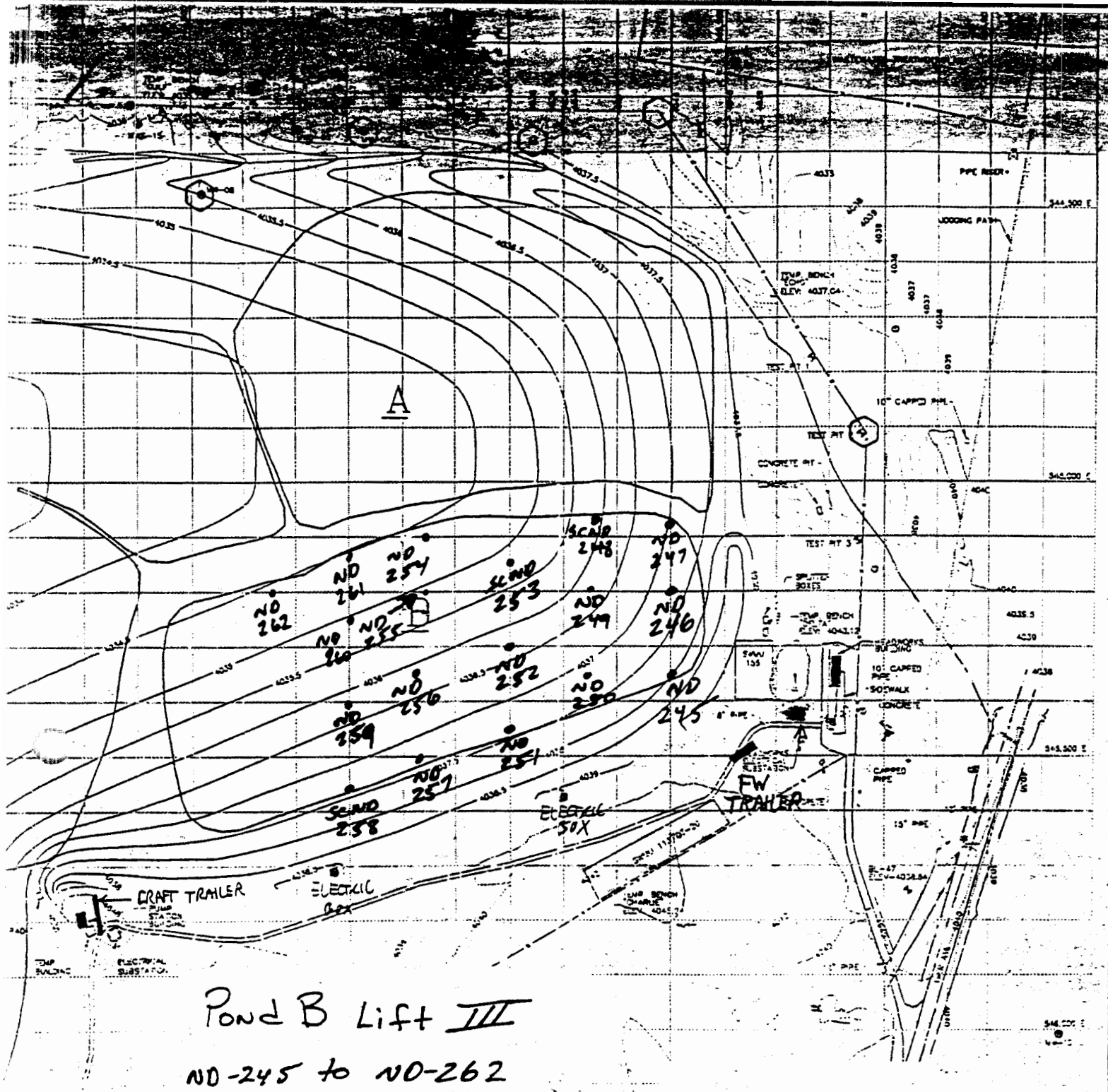


Pond B Lift III
ND-180 through ND-185

Pond C Lift I
ND-186 through ND-190

14 OCT 97
1000hrs to 1400hrs
Southwest Engineering performed Testing

R. Petty



Pond B Lift III

ND-245 to ND-262

4 Nov 97

Compaction Test performed by

Southwest Engineering

Sewage Lagoon Closure

Holloman AFB

R. Petty

LEGE

SS - THINK VALUE ENGINEERING - SS

REVISIONS			
SYMBOL	DESCRIPTIONS	DATE	APPROVED
A	FOR CONTRACTOR USE		

FOSTER WHEELER ENVIRONMENTAL CORP. DENVER, COLO.

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA

HOLLOMAN AFB, NEW MEXICO
SEWAGE LAGOONS
FINAL CLOSURE PROJECT

FINAL SOIL COVER CONTOUR PLAN WITHOUT BASE SHOWN

DESIGNED BY: R. BATTALORA
DRAWN BY: C. COMPER
CHECKED BY: R. BATTALORA
REVIEWED BY: R. VERSAW
SUBMITTED BY: R. VERSAW

DESIGN FILE: 5508-10.DWG
DATE: 5-AUG-97
CONTRACT NO.: DACW 45-940-0003
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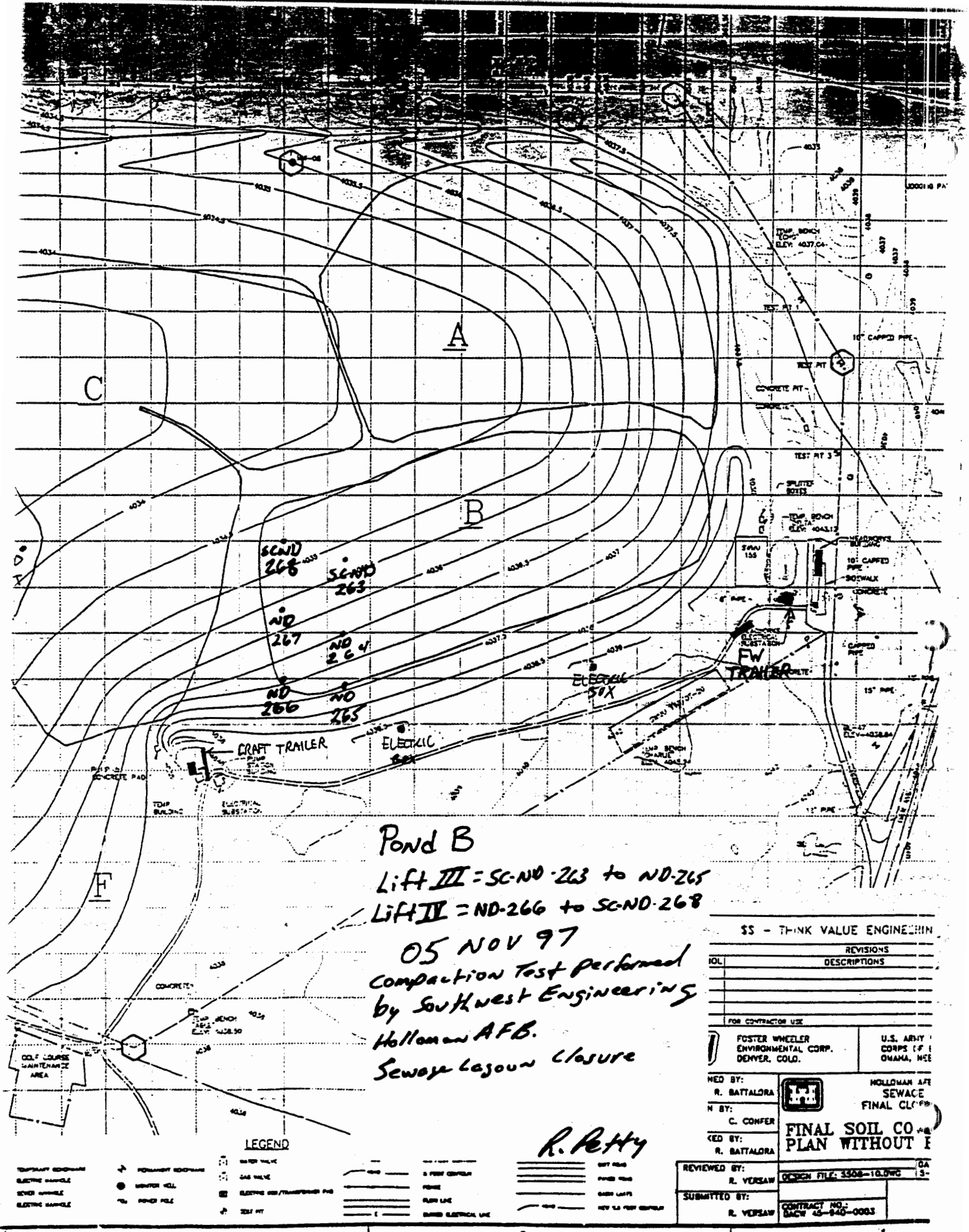
REVISION: A



Pond B

Lift III = SC-ND-263 to ND-265

Lift IV = ND-266 to SC-ND-268

05 NOV 97

Compaction Test Performed by Southwest Engineering

Holloman AFB.

Sewage Lagoon Closure

FOSTER WHEELER ENVIRONMENTAL
SEWAGE LAGOON CLOSURE
TERC Contract No. DACW45-94-D0003
HOLLOMAN A.F.B. NEW MEXICO

COMPLETION INSPECTION

PERSONNEL PRESENT:

NAME:	REPRESENTING	TITLE	DATE
Richard Petty	FWENC	QC Manager	11-25-97
Roy Mahon	FWENC	Court Supt	11-25-97
Warren Neff	HAFB	Chief Restoration	11-25-97
George Fish	COE	Proj Engr	11/25/97
Drew [illegible]	HAFB	Env Engineer	11/25/97

SPECIFICATIONS:

02160, 02100, 02200, Project Drawings

INSPECTION ITEMS:

Ponds C, D & E, & revetment, Pitch on west side

OBSERVATIONS/DISCREPANCIES:

Elevation checked by ~~[illegible]~~ visually comparing the grade with the grade stakes or blue top ~~stakes~~ stakes

COMPLETENESS/QUALITY OF WORK:

All personnel noted above agreed that the work was performed in accordance with the specification items listed above. All ~~[illegible]~~ inspection items are complete & of good quality

COMMENTS: N/A

11-25-97
DATE

[signature]
QUALITY CONTROL MANAGER

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
24JUL97	Agra 15914	Proctor/Class/LL	Berm b/w Ponds A and B						125.2	6.0	17	1	ML	N/A
24JUL97	Agra 15916	Proctor/Class/LL	Berm b/w Ponds A and C						119.8	7.8	NV	NP	SM	N/A
24JUL97	Agra 15918	Proctor/Class/LL	Berm at West Pond C						121.1	6.9	15	1	SM	N/A
24JUL97	Agra 15915	Proctor/Class/LL	Berm b/w Ponds C and E						121.9	6.8	NV	NP	SM	N/A
24JUL97	Agra 15913	Proctor/Class/LL	Soil Borrow Pit						113.8	8.2	NV	NP	SM	N/A
20AUG97	ND-A	Nuclear Density	Pond B	Temp Cover	80	14.1	95.8		119.8					Test of Temp.Cover
20AUG97	ND-B	Nuclear Density	Pond B	Temp Cover	85	13.3	101.8		119.8					Test of Temp.Cover
20AUG97	ND-C	Nuclear Density	Pond A	Temp Cover	83	10.8	99.4		119.8					Test of Temp.Cover
20AUG97	ND-D	Nuclear Density	Pond A	Temp Cover	82	11.6	98.2		119.8					Test of Temp.Cover
25AUG97	Agra 15930	Proctor/Class/LL	Soil Borrow Pit						105.6	12.1	NV	NP	ML	N/A
26AUG97	ND-E	Nuclear Density	Pond C	Temp Cover	85	9.5	103.6		121.9					Test of Temp.Cover
27AUG97	ND-01	Nuclear Density	Pond A	1	94	7.8	107		113.8					85% compaction req
27AUG97	ND-02	Nuclear Density	Pond A	1	88	7.4	100.1		113.8					85% compaction req
27AUG97	ND-03	Nuclear Density	Pond A	1	91	8.3	103.6		113.8					85% compaction req
27AUG97	ND-04	Nuclear Density	Pond A	1	96	8.2	115		119.8					85% compaction req
27AUG97	SC-ND-04	Sand Cone	Pond A	1	99	7.7	118.6	-3.1	119.8					85% compaction req
27AUG97	ND-05	Nuclear Density	Pond A	1	91	6.7	96.1		105.6					85% compaction req
27AUG97	ND-06	Nuclear Density	Pond A	1	91	5.4	96.1		105.6					85% compaction req
27AUG97	ND-07	Nuclear Density	Pond A	1	96	7.5	101.4		105.6					85% compaction req
27AUG97	ND-08	Nuclear Density	Pond A	1	96	5.8	101.4		105.6					85% compaction req
27AUG97	ND-09	Nuclear Density	Pond A	1	96	8.9	101.4		105.6					85% compaction req
27AUG97	SC-ND-09	Sand Cone	Pond A	1	98	6.8	103.5	-2	105.6					85% compaction req
28AUG97	ND-10	Nuclear Density	Pond A	1	97	5.5	102.4		105.6					85% compaction req
28AUG97	ND-11	Nuclear Density	Pond A	1	86	13.9	90.8		105.6					85% compaction req
28AUG97	SC-ND-11	Sand Cone	Pond A	1	93	4.7	98.2	-8	105.6					85% compaction req
28AUG97	ND-12	Nuclear Density	Pond A	1	90	7.7	95		105.6					85% compaction req
28AUG97	ND-13	Nuclear Density	Pond A	1	91	9.2	96.1		105.6					85% compaction req
28AUG97	ND-14	Nuclear Density	Pond A	1	100	12.4	105.6		105.6					85% compaction req
28AUG97	ND-15	Nuclear Density	Pond A	1	93	11.8	98.2		105.6					85% compaction req
28AUG97	ND-16	Nuclear Density	Pond A	1	100	12.9	105.6		105.6					85% compaction req
28AUG97	ND-17	Nuclear Density	Pond A	1	91	13.9	96.1		105.6					85% compaction req
28AUG97	SC-ND-17	Sand Cone	Pond A	1	90	14.3	95	1	105.6					85% compaction req
28AUG97	ND-18	Nuclear Density	Pond A	1	100	12.4	105.6		105.6					85% compaction req
28AUG97	ND-19	Nuclear Density	Pond A	1	86	11.5	90.8		105.6					85% compaction req
28AUG97	Agra 15935	Proctor/Class/LL	Soil Borrow Pit						104.4	12.4	NV	NP	SM	N/A
03SEP97	ND-20	Nuclear Density	Pond A	1	90	21.5	94		104.4					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
03SEP97	ND-21	Nuclear Density	Pond A	1	92	15.9	96		104.4					85% compaction req
03SEP97	ND-22	Nuclear Density	Pond A	1	93	11.1	97.1		104.4					85% compaction req
03SEP97	ND-23	Nuclear Density	Pond A	1	92	14.5	96		104.4					85% compaction req
03SEP97	ND-24	Nuclear Density	Pond A	1	94	11.8	98.1		104.4					85% compaction req
03SEP97	SC-ND-24	Sand Cone	Pond A	1	93	6	97.1	1	104.4					85% compaction req
03SEP97	ND-25	Nuclear Density	Pond A	1	91	12.1	95		104.4					85% compaction req
03SEP97	ND-26	Nuclear Density	Pond A	1	92	9.4	96		104.4					85% compaction req
03SEP97	ND-27	Nuclear Density	Pond A	1	96	8.6	100.2		104.4					85% compaction req
03SEP97	ND-28	Nuclear Density	Pond A	1	91	10.3	95		104.4					85% compaction req
03SEP97	ND-29	Nuclear Density	Pond A	1	90	12.6	94		104.4					85% compaction req
03SEP97	SC-ND-29	Sand Cone	Pond A	1	93	5.4	97.1	-3	104.4					85% compaction req
03SEP97	ND-30	Nuclear Density	Pond A	1	92	13.5	96		104.4					85% compaction req
03SEP97	ND-31	Nuclear Density	Pond A	1	90	13.6	94		104.4					85% compaction req
03SEP97	ND-32	Nuclear Density	Pond A	1	88	10.4	91.9		104.4					85% compaction req
03SEP97	SC-ND-32	Sand Cone	Pond A	1	87	4.6	90.8	-1	104.4					85% compaction req
03SEP97	ND-33	Nuclear Density	Pond A	1	91	11.5	95		104.4					85% compaction req
03SEP97	ND-34	Nuclear Density	Pond A	1	91	22	95		104.4					85% compaction req
03SEP97	ND-35	Nuclear Density	Pond A	1	88	15.2	91.9		104.4					85% compaction req
03SEP97	ND-36	Nuclear Density	Pond A	1	88	9.7	91.9		104.4					85% compaction req
03SEP97	ND-37	Nuclear Density	Pond A	1	88	10.3	91.9		104.4					85% compaction req
03SEP97	ND-38	Nuclear Density	Pond A	1	89	11.3	92.9		104.4					85% compaction req
03SEP97	Agra 15937	Proctor/Class/LL	Soil Borrow Pit						103.7	13	NV	NP	SM	N/A
05SEP97	ND-39	Nuclear Density	Pond A	2	85	12.9	101.8		119.8					85% compaction req
05SEP97	SC-ND-39	Sand Cone	Pond A	2	88	10	91.9	1	119.8					85% compaction req
05SEP97	ND-40	Nuclear Density	Pond A	2	100	12.4	104.4		104.4					85% compaction req
05SEP97	ND-41	Nuclear Density	Pond A	2	96	9.2	100.2		104.4					85% compaction req
05SEP97	ND-42	Nuclear Density	Pond A	2	94	10	98.1		104.4					85% compaction req
05SEP97	ND-43	Nuclear Density	Pond A	2	93	7.3	97.1		104.4					85% compaction req
05SEP97	SC-ND-43	Sand Cone	Pond A	2	95	4.6	99.2	-2.1	104.4					85% compaction req
05SEP97	ND-44	Nuclear Density	Pond A	2	99	7.1	103.4		104.4					85% compaction req
05SEP97	ND-45	Nuclear Density	Pond A	2	98	9.4	11734		119.8					85% compaction req
05SEP97	ND-46	Nuclear Density	Pond A	2	96	8.3	100.2		104.4					85% compaction req
05SEP97	ND-47	Nuclear Density	Pond A	2	98	5.2	101.9		104.4					85% compaction req
05SEP97	SC-ND-47	Sand Cone	Pond A	2	99	4.5	103.4	-1.5	104.4					85% compaction req
05SEP97	Agra 15941	Proctor/Class/LL	Soil Borrow Pit						108.7	11.6	NV	NP	SM	N/A
09SEP97	ND-48	Nuclear Density	Pond A	2	100	9.4	105.1		103.7					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

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09SEP97	ND-49	Nuclear Density	Pond A	2	96	8.3	99.1		103.7					85% compaction req
09SEP97	ND-50	Nuclear Density	Pond A	2	92	10.9	95.8		103.7					85% compaction req
09SEP97	ND-51	Nuclear Density	Pond A	2	87	11.8	90.4		103.7					85% compaction req
09SEP97	ND-52	Nuclear Density	Pond A	2	86	14	89.3		103.7					85% compaction req
09SEP97	ND-53	Nuclear Density	Pond A	2	95	10	98.6		103.7					85% compaction req
09SEP97	SC-ND-53	Sand Cone	Pond A	2	96	4.4	99.6	-1.0	103.7					85% compaction req
09SEP97	ND-54	Nuclear Density	Pond A	2	92	8.1	94.9		103.7					85% compaction req
09SEP97	ND-55	Nuclear Density	Pond A	2	94	8.9	97.1		103.7					85% compaction req
09SEP97	ND-56	Nuclear Density	Pond A	2	98	8.9	102.1		103.7					85% compaction req
12SEP97	ND-57	Nuclear Density	Pond A	3	92	7.5	109.9		119.8					85% compaction req
12SEP97	ND-58	Nuclear Density	Pond A	3	96	7.9	114.6		119.8					85% compaction req
12SEP97	SC-ND-58	Sand Cone	Pond A	3	96	7.9	115.4	-0.7	119.8					85% compaction req
12SEP97	ND-59	Nuclear Density	Pond A	3	92	7.3	110.3		119.8					85% compaction req
12SEP97	ND-60	Nuclear Density	Pond A	3	92	10	100.1		108.7					85% compaction req
12SEP97	ND-61	Nuclear Density	Pond A	3	93	7.3	100.9		108.7					85% compaction req
12SEP97	ND-62	Nuclear Density	Pond A	3	99	7.3	107.1		108.7					85% compaction req
12SEP97	ND-63	Nuclear Density	Pond A	3	99	7.2	108.4		108.7					85% compaction req
12SEP97	SC-ND-63	Sand Cone	Pond A	3	99	7.2	107.5	0.8	108.7					85% compaction req
12SEP97	ND-64	Nuclear Density	Pond A	3	101	7.3	110.2		108.7					85% compaction req
12SEP97	ND-65	Nuclear Density	Pond A	3	99	6.9	107.9		108.7					85% compaction req
12SEP97	ND-66	Nuclear Density	Pond A	3	92	6.8	99.8		108.7					85% compaction req
12SEP97	ND-67	Nuclear Density	Pond A	3	93	8.1	101.3		108.7					85% compaction req
12SEP97	ND-68	Nuclear Density	Pond A	3	95	7.6	103.4		108.7					85% compaction req
12SEP97	SC-ND-68	Sand Cone	Pond A	3	96	7.6	104.6	-1.2	108.7					85% compaction req
12SEP97	ND-69	Nuclear Density	Pond A	3	97	7.5	105.3		108.7					85% compaction req
12SEP97	ND-70	Nuclear Density	Pond A	3	95	7.1	113.5		119.8					85% compaction req
12SEP97	Agra 15942	Proctor/Class/LL	Soil Borrow Pit						108.1	10.5	NV	NP	ML	N/A
17SEP97	ND-71	Nuclear Density	Pond A	3	90	11	109.2		121.1					85% compaction req
17SEP97	ND-72	Nuclear Density	Pond A	3	91	8	110.6		121.1					85% compaction req
17SEP97	ND-73	Nuclear Density	Pond A	3	89	6.4	107.2		121.1					85% compaction req
17SEP97	SC-ND-73	Sand Cone	Pond A	3	87	8.4	104.5	2.5	121.1					85% compaction req
17SEP97	ND-74	Nuclear Density	Pond A	4	91	7.5	98.2		108.1					85% compaction req
17SEP97	ND-75	Nuclear Density	Pond A	4	92	6	99.8		108.1					85% compaction req
17SEP97	ND-76	Nuclear Density	Pond A	4	94	6.1	101.3		108.1					85% compaction req
17SEP97	ND-77	Nuclear Density	Pond A	4	91	5.6	98.2		108.1					85% compaction req
17SEP97	ND-78	Nuclear Density	Pond A	4	89	4	96.7		108.1					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

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17SEP97	SC-ND-78	Sand Cone	Pond A	4	89	5.1	96.5	0.2	108.1					85% compaction req
17SEP97	ND-79	Nuclear Density	Pond A	4	92	5.6	99.4		108.1					85% compaction req
17SEP97	ND-80	Nuclear Density	Pond B	1	98	7.9	105.7		108.1					85% compaction req
17SEP97	ND-81	Nuclear Density	Pond B	1	95	4	102.7		108.1					85% compaction req
17SEP97	ND-82	Nuclear Density	Pond B	1	90	6.3	97.4		108.1					85% compaction req
17SEP97	ND-83	Nuclear Density	Pond B	1	91	4.4	98		108.1					85% compaction req
17SEP97	SC-ND-83	Sand Cone	Pond B	1	95	5.6	102.9	-5.0	108.1					85% compaction req
17SEP97	ND-84	Nuclear Density	Pond B	1	94	6.3	101.7		108.1					85% compaction req
17SEP97	ND-85	Nuclear Density	Pond B	1	85	13.2	92.2		108.1					85% compaction req
17SEP97	ND-86	Nuclear Density	Pond B	1	87	10.5	94.5		108.1					85% compaction req
17SEP97	ND-87	Nuclear Density	Pond B	1	90	8	97.3		108.1					85% compaction req
17SEP97	Agra 7309	Proctor/Class/LL	Soil Borrow Pit						109.3	10.8	NV	NP	ML	N/A
19SEP97	Agra 7308	Proctor/Class/LL	Soil Borrow Pit						108.8	11	NV	NP	ML	N/A
24SEP97	ND-88	Nuclear Density	Pond B	1	96.2	7	105.2		109.3					85% compaction req
24SEP97	ND-89	Nuclear Density	Pond B	1	91	6.5	99.9		109.3					85% compaction req
24SEP97	SC-ND-89	Sand Cone	Pond B	1	90	5.7	98.7	1.2	109.3					85% compaction req
24SEP97	ND-90	Nuclear Density	Pond B	1	93	9.2	102.1		109.3					85% compaction req
24SEP97	ND-91	Nuclear Density	Pond B	1	92	8.3	101.1		109.3					85% compaction req
24SEP97	ND-92	Nuclear Density	Pond A	4	99	11.8	106.4		109.3					85% compaction req
24SEP97	ND-93	Nuclear Density	Pond A	4	89	11.4	97.4		109.3					85% compaction req
24SEP97	ND-94	Nuclear Density	Pond A	4	92	9.3	100.9		109.3					85% compaction req
24SEP97	SC-ND-94	Sand Cone	Pond A	4	94	7.2	102.4	-1.5	109.3					85% compaction req
24SEP97	ND-95	Nuclear Density	Pond A	4	96	9	104.7		109.3					85% compaction req
24SEP97	ND-96	Nuclear Density	Pond A	4	93	10.9	101.4		109.3					85% compaction req
24SEP97	ND-97	Nuclear Density	Pond A	4	93	8.9	111.5		109.3					85% compaction req
24SEP97	ND-98	Nuclear Density	Pond A	4	91	6.4	100.1		109.3					85% compaction req
24SEP97	ND-99	Nuclear Density	Pond A	4	94	9.8	112.6		119.8					85% compaction req
24SEP97	SC-ND-99	Sand Cone	Pond A	4	91	12.5	109.1	3.1	119.8					85% compaction req
24SEP97	ND-100	Nuclear Density	Pond A	4	89	12.7	107.6		119.8					85% compaction req
24SEP97	ND-101	Nuclear Density	Pond A	4	88	14.1	105.1		119.8					85% compaction req
24SEP97	ND-102	Nuclear Density	Pond A	4	92	10.2	101		119.8					85% compaction req
24SEP97	ND-103	Nuclear Density	Pond A	4	88	17.7	105.8		119.8					85% compaction req
26SEP97	FW-P2-17	Proctor/Class/LL	Soil Borrow Pit						114.6	9.1	NV	NP	ML	N/A
30SEP97	ND-104	Nuclear Density	Pond B	1	92.8	4.5	106.3		114.6					85% compaction req
30SEP97	SC-ND-104	Sand Cone	Pond B	1	91.8	4.2	105.3	0.9	114.6					85% compaction req
30SEP97	ND-105	Nuclear Density	Pond B	1	92.7	3.9	106.2		114.6					85% compaction req

SEWAGE LAGOONS FIN CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

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30SEP97	ND-106	Nuclear Density	Pond B	1	89.7	4	102.8		114.6					85% compaction req
30SEP97	ND-107	Nuclear Density	Pond B	1	99.2	5.5	113.7		114.6					85% compaction req
30SEP97	ND-108	Nuclear Density	Pond B	1	96.7	4.5	110.8		114.6					85% compaction req
30SEP97	ND-109	Nuclear Density	Pond B	1	90.3	4.5	103.4		114.6					85% compaction req
30SEP97	SC-ND-109	Sand Cone	Pond B	1	89.5	3.9	102.6	0.8	114.6					85% compaction req
30SEP97	ND-110	Nuclear Density	Pond B	2	95	7	108.9		114.6					85% compaction req
30SEP97	ND-111	Nuclear Density	Pond B	2	99.5	7	114		114.6					85% compaction req
30SEP97	ND-112	Nuclear Density	Pond B	2	90.7	4.5	103.9		114.6					85% compaction req
30SEP97	ND-113	Nuclear Density	Pond B	2	88.5	4	101.4		114.6					85% compaction req
06OCT97	ND-114	Nuclear Density	Pond D	1	88.6	6.2	107.3		121.1					85% compaction req
06OCT97	SC-ND-114	Sand Cone	Pond D	1	93.1	6.9	112.8	-5.1	121.1					85% compaction req
06OCT97	ND-115	Nuclear Density	Pond D	1	92.6	6.5	112.1		121.1					85% compaction req
06OCT97	ND-116	Nuclear Density	Pond D	1	96.7	6	117.1		121.1					85% compaction req
06OCT97	ND-117	Nuclear Density	Pond D	1	92.6	6.2	112.1		121.1					85% compaction req
06OCT97	ND-118	Nuclear Density	Pond D	1	93.2	8.5	112.9		121.1					85% compaction req
06OCT97	ND-119	Nuclear Density	Pond D	1	95.6	8	115.7		121.1					85% compaction req
06OCT97	SC-ND-119	Sand Cone	Pond D	1	94.7	5.6	114.6	1.0	121.1					85% compaction req
06OCT97	ND-120	Nuclear Density	Pond D	1	95.4	8.3	115.5		121.1					85% compaction req
06OCT97	ND-121	Nuclear Density	Pond D	1	90.6	6.5	109.7		121.1					85% compaction req
06OCT97	ND-122	Nuclear Density	Pond D	1	89.8	6.2	108.8		121.1					85% compaction req
06OCT97	ND-123	Nuclear Density	Pond D	1	94.7	8.6	113.4		121.1					85% compaction req
06OCT97	ND-124	Nuclear Density	Pond D	1	98.1	8.6	118.7		121.1					85% compaction req
06OCT97	SC-ND-124	Sand Cone	Pond D	1	96.6	9.1	117	1.4	121.1					85% compaction req
06OCT97	ND-125	Nuclear Density	Pond D	1	91.8	8	111.2		121.1					85% compaction req
06OCT97	ND-126	Nuclear Density	Pond D	1	96.2	8.2	116.5		121.1					85% compaction req
06OCT97	ND-127	Nuclear Density	Pond D	1	95.6	7.6	115.8		121.1					85% compaction req
06OCT97	FW-P5-97	Proctor/Class/LL	Soil Borrow Pit						110.9	11.3	S/NP	S/NP	SM	N/A
06OCT97	sw ???	Gradation	Crushed river gravel											N/A
07OCT97	ND-128	Nuclear Density	Pond D	1	99	7	119.9		121.1					85% compaction req
07OCT97	ND-129	Nuclear Density	Pond D	1	91.2	7.6	110.5		121.1					85% compaction req
07OCT97	SC-ND-129	Sand Cone	Pond D	1	92.2	6.8	111.7	-1.1	121.1					85% compaction req
07OCT97	ND-130	Nuclear Density	Pond D	1	99	7.6	120.7		121.9					85% compaction req
07OCT97	ND-131	Nuclear Density	Pond D	1	95.6	7.3	115.8		121.1					85% compaction req
07OCT97	ND-132	Nuclear Density	Pond D	1	99.3	7.5	120.2		121.1					85% compaction req
07OCT97	ND-133	Nuclear Density	Pond D	1	94.7	8	114.7		121.1					85% compaction req
07OCT97	SC-ND-133	Sand Cone	Pond D	1	91.5	9.8	110.7	3.5	121.1					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

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07OCT97	ND-134	Nuclear Density	Pond D	1	85	7.2	102.9		121.1					85% compaction req
07OCT97	ND-135	Nuclear Density	Pond D	1	97.5	7.5	118.1		121.1					85% compaction req
07OCT97	ND-136	Nuclear Density	Pond D	1	90.4	7.3	109.5		121.1					85% compaction req
07OCT97	ND-137	Nuclear Density	Pond D	1	95.1	6.8	115.1		121.1					85% compaction req
07OCT97	ND-138	Nuclear Density	Pond D	1	97.3	7	117.9		121.1					85% compaction req
07OCT97	SC-ND-138	Sand Cone	Pond D	1	95.7	7.1	115.9	1.7	121.1					85% compaction req
07OCT97	ND-139	Nuclear Density	Pond D	1	90.5	7	109.6		121.1					85% compaction req
07OCT97	ND-140	Nuclear Density	Pond D	1	85.9	7.3	104		121.1					85% compaction req
09OCT97	ND-141	Nuclear Density	Pond B	2	92.7	12.6	102.6		110.9					85% compaction req
09OCT97	ND-142	Nuclear Density	Pond B	2	90.4	8.1	100.3		110.9					85% compaction req
09OCT97	ND-143	Nuclear Density	Pond B	2	94.1	6	104.4		110.9					85% compaction req
09OCT97	SC-ND-143	Sand Cone	Pond B	2	90.9	4.9	100.8	3.4	110.9					85% compaction req
09OCT97	ND-144	Nuclear Density	Pond B	2	88.9	7.7	98.6		110.9					85% compaction req
09OCT97	ND-145	Nuclear Density	Pond B	2	94.5	6.8	104.8		110.9					85% compaction req
09OCT97	ND-146	Nuclear Density	Pond B	2	100	10.7	110.9		110.9					85% compaction req
09OCT97	ND-147	Nuclear Density	Pond B	2	88.4	12.4	98		110.9					85% compaction req
09OCT97	ND-148	Nuclear Density	Pond B	2	95.5	8.7	105.9		110.9					85% compaction req
09OCT97	SC-ND-148	Sand Cone	Pond B	2	93.5	6	103.7	2.1	110.9					85% compaction req
09OCT97	ND-149	Nuclear Density	Pond B	2	89.2	6.6	98.9		110.9					85% compaction req
09OCT97	ND-150	Nuclear Density	Pond B	2	96.4	6.9	107.4		110.9					85% compaction req
09OCT97	ND-151	Nuclear Density	Pond B	2	93.6	6.1	103.8		110.9					85% compaction req
09OCT97	ND-152	Nuclear Density	Pond B	2	95.4	6.9	105.7		110.9					85% compaction req
09OCT97	ND-153	Nuclear Density	Pond B	2	89.1	11.5	98.8		110.9					85% compaction req
09OCT97	SC-ND-153	Sand Cone	Pond B	2	89.5	10.5	99.3	-0.5	110.9					85% compaction req
09OCT97	ND-154	Nuclear Density	Pond B	2	91.1	5.3	101.1		110.9					85% compaction req
09OCT97	ND-155	Nuclear Density	Pond B	2	90.2	8.2	100		110.9					85% compaction req
09OCT97	ND-156	Nuclear Density	Pond B	2	96.5	16.4	107		110.9					85% compaction req
09OCT97	ND-157	Nuclear Density	Pond C	1	93.3	8.4	113.8		121.1					85% compaction req
09OCT97	ND-158	Nuclear Density	Pond C	1	94.1	9.5	114		121.1					85% compaction req
09OCT97	SC-ND-158	Sand Cone	Pond C	1	91.7	7.6	111.1	2.5	121.1					85% compaction req
09OCT97	ND-159	Nuclear Density	Pond C	1	92.7	10.5	112.3		121.1					85% compaction req
09OCT97	ND-160	Nuclear Density	Pond C	1	92.2	6.1	111.7		121.1					85% compaction req
09OCT97	ND-161	Nuclear Density	Pond C	1	87.8	17.4	106.3		121.1					85% compaction req
09OCT97	ND-162	Nuclear Density	Pond C	1	85.8	17.8	103.4		121.1					85% compaction req
09OCT97	FW-P4-97	Proctor/Class/LL	South berm Pond C						111.8	11.[illegible]	S/NP	S/NP	SM	N/A
09OCT97	FW-P3-97	Proctor/Class/LL	West berm Pond C						104.7	12.4	S/NP	S/NP	SM	N/A

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
10OCT97	ND-163	Nuclear Density	Pond C	1	87.9	13	106.5		121.1					85% compaction req
10OCT97	SC-ND-163	Sand Cone	Pond C	1	85.7	14.5	103.8	2.5	121.1					85% compaction req
10OCT97	ND-164	Nuclear Density	Pond C	1	99.7	8	120.7		121.1					85% compaction req
10OCT97	ND-165	Nuclear Density	Pond C	1	92.9	11	112.5		121.1					85% compaction req
10OCT97	ND-166	Nuclear Density	Pond C	1	87.4	7.6	105.9		121.1					85% compaction req
10OCT97	ND-167	Nuclear Density	Pond C	1	94.7	6	114.7		121.1					85% compaction req
10OCT97	ND-168	Nuclear Density	Pond C	1	98.7	7.4	119.5		121.1					85% compaction req
10OCT97	SC-ND-168	Sand Cone	Pond C	1	94.6	9.4	114.6	4.1	121.1					85% compaction req
10OCT97	ND-169	Nuclear Density	Pond C	1	89.8	12.3	108.8		121.1					85% compaction req
10OCT97	ND-170	Nuclear Density	Pond C	1	87.5	11.5	106		121.1					85% compaction req
10OCT97	ND-171	Nuclear Density	Pond C	1	86	13.1	104.1		121.1					85% compaction req
10OCT97	ND-172	Nuclear Density	Pond C	1	90.4	7.8	109.5		121.1					85% compaction req
10OCT97	ND-173	Nuclear Density	Pond C	1	88.9	7.8	107.6		121.1					85% compaction req
10OCT97	SC-ND-173	Sand Cone	Pond C	1	94.8	6.2	114.8	-6.7	121.1					85% compaction req
10OCT97	ND-174	Nuclear Density	Pond C	1	88.9	6.3	107.6		121.1					85% compaction req
10OCT97	ND-175	Nuclear Density	Pond C	1	88	10.3	106.6		121.1					85% compaction req
10OCT97	ND-176	Nuclear Density	Pond C	1	89.8	12.5	108.8		121.1					85% compaction req
10OCT97	ND-178	Nuclear Density	Pond C	1	89	9.1	107.8		121.1					85% compaction req
10OCT97	SC-ND-178	Sand Cone	Pond C	1	85.6	9.8	103.6	3.9	121.1					85% compaction req
10OCT97	ND-179	Nuclear Density	Pond C	1	90.4	12.8	109.5		121.1					85% compaction req
14OCT97	ND-180	Nuclear Density	Pond B	3	96.7	9.1	107.2		110.9					85% compaction req
14OCT97	ND-181	Nuclear Density	Pond B	3	97.2	6	107.8		110.9					85% compaction req
14OCT97	ND-182	Nuclear Density	Pond B	3	97.6	11.1	108.3		110.9					85% compaction req
14OCT97	ND-183	Nuclear Density	Pond B	3	97.3	8.1	107.9		110.9					85% compaction req
14OCT97	SC-ND-183	Sand Cone	Pond B	3	93.3	7.6	102.7	4.8	110.9					85% compaction req
14OCT97	ND-184	Nuclear Density	Pond B	3	95.6	5.1	106		110.9					85% compaction req
14OCT97	ND-185	Nuclear Density	Pond B	3	93.3	7.6	103.4		110.9					85% compaction req
14OCT97	ND-186	Nuclear Density	Pond C	1	99.9	12.6	104.6		104.7					85% compaction req
14OCT97	ND-187	Nuclear Density	Pond C	1	97.6	11.8	102.1		104.7					85% compaction req
14OCT97	ND-188	Nuclear Density	Pond C	1	100.8	12.7	105.5		104.7					85% compaction req
14OCT97	SC-ND-188	Sand Cone	Pond C	1	97.1	13.8	101.7	3.6	104.7					85% compaction req
14OCT97	ND-189	Nuclear Density	Pond C	1	100	13.1	104.7		104.7					85% compaction req
14OCT97	ND-190	Nuclear Density	Pond C	1	101.8	15.9	106.6		104.7					85% compaction req
14OCT97	FW-G2-97	Gradation	Mesa Verde											85% compaction req
20OCT97	ND-191	Nuclear Density	Pond C	2	95.8	9.8	107.1		111.8					85% compaction req
20OCT97	ND-192	Nuclear Density	Pond C	2	93.9	12.8	105		111.8					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
20OCT97	ND-193	Nuclear Density	Pond C	2	99.2	12.3	110.9		111.8					85% compaction req
20OCT97	SC-ND-193	Sand Cone	Pond C	2	98	12.5	109.6	1.2	111.8					85% compaction req
20OCT97	ND-194	Nuclear Density	Pond C	2	90.9	13.8	101.7		111.8					85% compaction req
20OCT97	ND-195	Nuclear Density	Pond C	2	86.2	7.8	96.4		111.8					85% compaction req
20OCT97	ND-196	Nuclear Density	Pond C	2	92.4	7.6	103.4		111.8					85% compaction req
20OCT97	ND-197	Nuclear Density	Pond C	2	90.8	8.5	101.6		111.8					85% compaction req
20OCT97	ND-198	Nuclear Density	Pond E	1	89.7	7.2	100.3		111.8					85% compaction req
20OCT97	SC-ND-198	Sand Cone	Pond E	1	87.6	6.6	97.9	2.4	111.8					85% compaction req
20OCT97	ND-199	Nuclear Density	Pond E	1	85.5	7	95.7		111.8					85% compaction req
20OCT97	ND-200	Nuclear Density	Pond E	1	94.9	12.8	106.1		111.8					85% compaction req
20OCT97	ND-201	Nuclear Density	Pond E	1	89.3	9	99.9		111.8					85% compaction req
20OCT97	ND-202	Nuclear Density	Pond E	1	93.8	12.7	104.9		111.8					85% compaction req
23OCT97	SW???	Proctor/Class/LL	West berm Pond D						113	10.6	S/NP	S/NP	SM	N/A
23OCT97	SW???	Proctor/Class/LL	SW berm of Pond C						107.2	12.2	S/NP	S/NP	SM	N/A
24OCT97	ND-203	Nuclear Density	Pond E	1	94.2	7.9	106.4		113					85% compaction req
24OCT97	SC-ND-203	Sand Cone	Pond E	1	95.3	7.1	107.7	-1.2	113					85% compaction req
24OCT97	ND-204	Nuclear Density	Pond E	1	92.4	12.6	104.4		113					85% compaction req
24OCT97	ND-205	Nuclear Density	Pond E	1	94.5	11.7	106.8		113					85% compaction req
24OCT97	ND-206	Nuclear Density	Pond E	1	98.9	8	111.9		113					85% compaction req
24OCT97	ND-207	Nuclear Density	Pond E	1	94.4	7.4	106.7		113					85% compaction req
24OCT97	ND-208	Nuclear Density	Pond E	1	94	12.5	106.2		113					85% compaction req
24OCT97	SC-ND-208	Sand Cone	Pond E	1	87.3	14.4	98.7	7.1	113					85% compaction req
24OCT97	ND-209	Nuclear Density	Pond E	1	95	9	107.3		113					85% compaction req
24OCT97	ND-210	Nuclear Density	Pond E	1	97.9	7.9	110.6		113					85% compaction req
24OCT97	ND-211	Nuclear Density	Pond E	1	94	8.2	106.2		113					85% compaction req
24OCT97	ND-212	Nuclear Density	Pond E	1	95.5	12.4	107.9		113					85% compaction req
24OCT97	ND-213	Nuclear Density	Pond E	1	93	13	105.1		113					85% compaction req
24OCT97	SC-ND-213	Sand Cone	Pond E	1	94	14.5	106.2	-1.0	113					85% compaction req
24OCT97	ND-214	Nuclear Density	Pond E	1	96.4	11.2	109		113					85% compaction req
24OCT97	ND-215	Nuclear Density	Pond E	1	96.4	11.2	109		113					85% compaction req
24OCT97	ND-216	Nuclear Density	Pond E	1	98.2	12	111.1		113					85% compaction req
24OCT97	ND-217	Nuclear Density	Pond E	1	96.7	8.9	109.2		113					85% compaction req
24OCT97	ND-218	Nuclear Density	Pond E	1	89.5	13.9	101.1		113					85% compaction req
24OCT97	SC-ND-218	Sand Cone	Pond E	1	96	12.3	108.5	-7.3	113					85% compaction req
24OCT97	ND-219	Nuclear Density	Pond E	1	95	12	107.4		113					85% compaction req
24OCT97	ND-220	Nuclear Density	Pond E	1	97.4	8.8	110.1		113					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

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24OCT97	ND-221	Nuclear Density	Pond E	1	94.9	11.2	107.1		113					85% compaction req
28OCT97	FW-G3-97	Gradation	Mesa Verde											failed on grad. 1" & 1/8'
29OCT97	ND-222	Nuclear Density	Pond E	2	99.3	7.9	112.2		113					85% compaction req
29OCT97	ND-223	Nuclear Density	Pond E	2	99	8.1	111.8		113					85% compaction req
29OCT97	SC-ND-223	Sand Cone	Pond E	2					113					85% compaction req
29OCT97	ND-224	Nuclear Density	Pond E	2	99.7	8.6	112.7		113					85% compaction req
29OCT97	ND-225	Nuclear Density	Pond E	2	97.8	7.1	110.6		113					85% compaction req
29OCT97	ND-226	Nuclear Density	Pond E	2	96.4	7	108.9		113					85% compaction req
29OCT97	ND-227	Nuclear Density	Pond E	2	95.2	6.8	107.6		113					85% compaction req
29OCT97	ND-228	Nuclear Density	Pond E	2	99.6	7.1	112.5		113					85% compaction req
29OCT97	SC-ND-228	Sand Cone	Pond E	2					113					85% compaction req
29OCT97	ND-229	Nuclear Density	Pond E	2	99.8	9	112.8		113					85% compaction req
29OCT97	ND-230	Nuclear Density	Pond E	2	98.6	8.4	111.4		113					85% compaction req
30OCT97	ND-231	Nuclear Density	Pond E	2	90.7	7	109.8		121.1					85% compaction req
30OCT97	ND-232	Nuclear Density	Pond E	2	93	6.9	112.6		121.1					85% compaction req
30OCT97	ND-233	Nuclear Density	Pond E	2	92.7	6.9	112.3		121.1					85% compaction req
30OCT97	SC-ND-233	Sand Cone	Pond E	2	90.4	7	109.5	2.5	121.1					85% compaction req
30OCT97	ND-234	Nuclear Density	Pond E	2	97.1	9.1	117.7		121.1					85% compaction req
30OCT97	ND-235	Nuclear Density	Pond E	2	93.5	6.9	113.2		121.1					85% compaction req
30OCT97	ND-236	Nuclear Density	Pond E	2	93.6	9.2	113.4		121.1					85% compaction req
30OCT97	ND-237	Nuclear Density	Pond E	2	95	8.9	105.4		110.9					85% compaction req
30OCT97	ND-238	Nuclear Density	Pond E	2	87	5.5	96.5		110.9					85% compaction req
30OCT97	SC-ND-238	Sand Cone	Pond E	2	95.9	10.2	95.9	0.6	110.9					85% compaction req
30OCT97	ND-239	Nuclear Density	Pond E	2	93.6	8.8	103.8		110.9					85% compaction req
30OCT97	ND-240	Nuclear Density	Pond E	2	96.3	9.5	106.8		110.9					85% compaction req
30OCT97	SW???	Proctor/Class/LL	Base Soil Borrow Pit						108.4	6.2	S/NP	S/NP	SM	N/A
31OCT97	SW???	Gradation	2" from Mesa Verde											failed 2",13/4" & 1/8"
03NOV97	ND-241	Nuclear Density	Pond E	2	98.9	4.9	107.2		108.4					85% compaction req
03NOV97	ND-242	Nuclear Density	Pond E	2	99.6	4.5	108		108.4					85% compaction req
03NOV97	ND-243	Nuclear Density	Pond E	2	95	6.2	103		108.4					85% compaction req
03NOV97	SC-ND-243	Sand Cone	Pond E	2	94.7	7.4	102.6	0.4	108.4					85% compaction req
03NOV97	ND-244	Nuclear Density	Pond E	2	99.9	4.5	108.3		108.4					85% compaction req
03NOV97	SW???	Gradation	2" from Mesa Verde											PASSED
04NOV97	ND-245	Nuclear Density	Pond B	3	98.3	5.3	119.1		121.1					85% compaction req
04NOV97	ND-246	Nuclear Density	Pond B	3	94.8	5	114.8		121.1					85% compaction req
04NOV97	ND-247	Nuclear Density	Pond B	3	97.3	6.4	117.8		121.1					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

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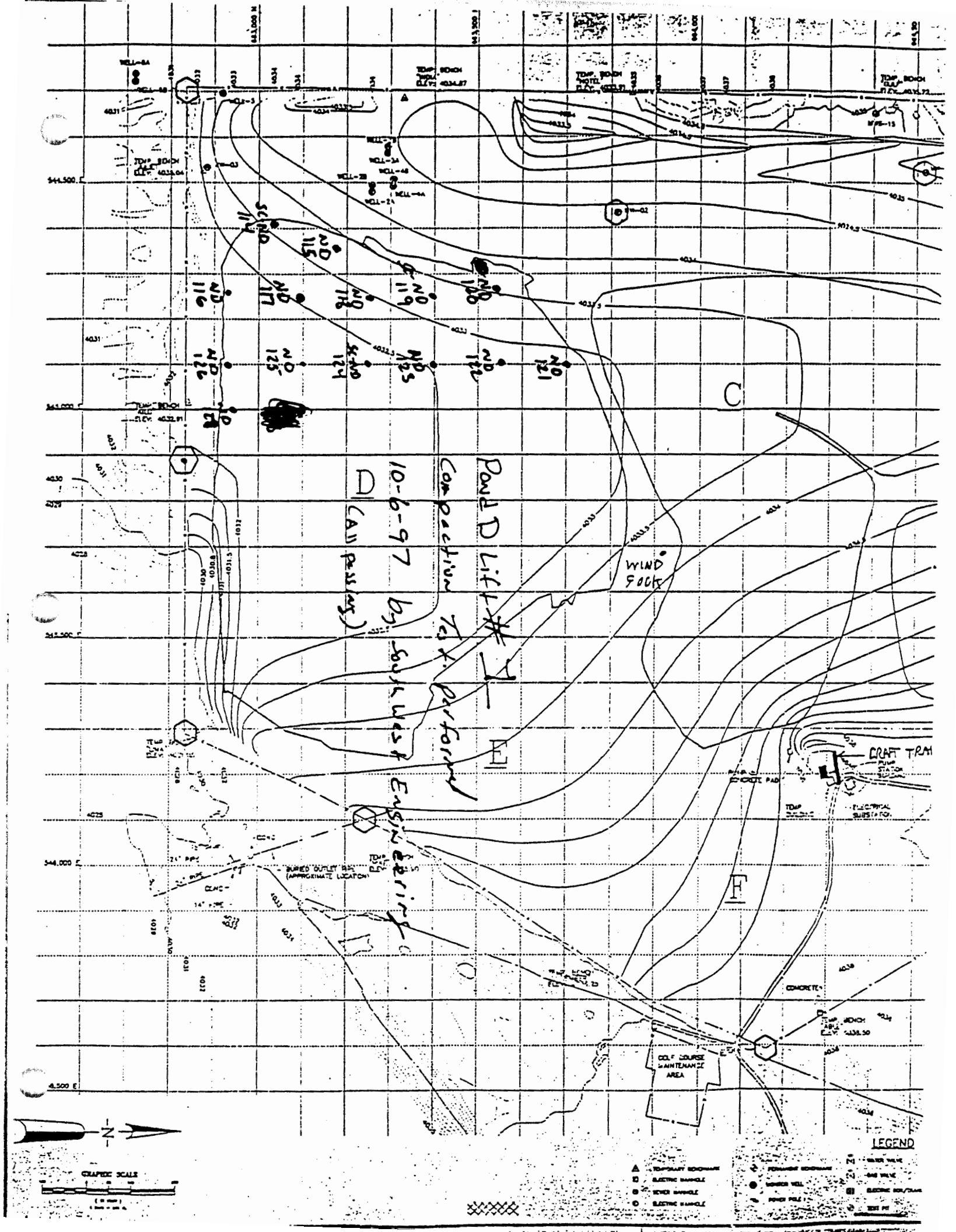
04NOV97	ND-248	Nuclear Density	Pond B	3	92	6.4	102		110.9					85% compaction req
04NOV97	SC-ND-248	Sand Cone	Pond B	3	94.1	7.1	104.4	-2.4	110.9					85% compaction req
04NOV97	ND-249	Nuclear Density	Pond B	3	92.8	5.1	102.9		110.9					85% compaction req
04NOV97	ND-250	Nuclear Density	Pond B	3	98.5	5.1	109.2		110.9					85% compaction req
04NOV97	ND-251	Nuclear Density	Pond B	3	97.8	6.3	108.4		110.9					85% compaction req
04NOV97	ND-252	Nuclear Density	Pond B	3	98.5	4.8	109.2		110.9					85% compaction req
04NOV97	ND-253	Nuclear Density	Pond B	3	87.3	4.7	96.8		110.9					85% compaction req
04NOV97	SC-ND-253	Sand Cone	Pond B	3	88.6	5.2	98.3	-1.5	110.9					85% compaction req
04NOV97	ND-254	Nuclear Density	Pond B	3	97.4	4	108		110.9					85% compaction req
04NOV97	ND-255	Nuclear Density	Pond B	3	99.2	5.3	110		110.9					85% compaction req
04NOV97	ND-256	Nuclear Density	Pond B	3	92.3	5.1	111.8		121.1					85% compaction req
04NOV97	ND-257	Nuclear Density	Pond B	3	93	4	112.6		121.1					85% compaction req
04NOV97	ND-258	Nuclear Density	Pond B	3	93.5	4.7	113.2		121.1					85% compaction req
04NOV97	SC-ND-258	Sand Cone	Pond B	3	91.8	5.3	111.2	1.8	121.1					85% compaction req
04NOV97	ND-259	Nuclear Density	Pond B	3	95.3	6.9	115.4		121.1					85% compaction req
04NOV97	ND-260	Nuclear Density	Pond B	3	92.9	5	112.5		121.1					85% compaction req
04NOV97	ND-261	Nuclear Density	Pond B	3	93.6	7.5	113.4		121.1					85% compaction req
04NOV97	ND-262	Nuclear Density	Pond B	3	91.2	7.8	110.4		121.1					85% compaction req
05NOV97	ND-263	Nuclear Density	Pond B	3	90.9	7.5	110		121.1					85% compaction req
05NOV97	SC-ND-263	Sand Cone	Pond B	3	87.7	7.6	106.2	3.5	121.1					85% compaction req
05NOV97	ND-264	Nuclear Density	Pond B	3	91.4	4.7	110.7		121.1					85% compaction req
05NOV97	ND-265	Nuclear Density	Pond B	3	90.8	4.5	110		121.1					85% compaction req
05NOV97	ND-266	Nuclear Density	Pond B	4	90.3	5.3	109.4		121.1					85% compaction req
05NOV97	ND-267	Nuclear Density	Pond B	4	94.1	7	113.9		121.1					85% compaction req
05NOV97	ND-268	Nuclear Density	Pond B	4	89.6	7.3	108.5		121.1					85% compaction req
05NOV97	SC-ND-268	Sand Cone	Pond B	4	89.3	7.7	108.2	0.3	121.1					85% compaction req
17NOV97	ND-269	Nuclear Density	Pond D	2	97.7	7.5	110.4		113					85% compaction req
17NOV97	ND-270	Nuclear Density	Pond D	2	100	8	113		113					85% compaction req
17NOV97	ND-271	Nuclear Density	Pond D	2	96.5	7.7	109		113					85% compaction req
17NOV97	ND-272	Nuclear Density	Pond D	2	98.2	8	111.2		113					85% compaction req
17NOV97	ND-273	Nuclear Density	Pond D	2	95.3	7.7	107.7		113					85% compaction req
17NOV97	SC-ND-273	Sand Cone	Pond D	2	93.3	8.1	105.5	2.0	113					85% compaction req
17NOV97	ND-274	Nuclear Density	Pond D	2	88.9	6	107.7		121.1					85% compaction req
17NOV97	ND-275	Nuclear Density	Pond D	2	96	6.4	116.3		121.1					85% compaction req
17NOV97	ND-276	Nuclear Density	Pond D	2	91.7	6	111.1		121.1					85% compaction req
17NOV97	ND-277	Nuclear Density	Outside Pond D West Side	1	89.6	5.8	108.5		121.1					85% compaction req

SEWAGE LAGOONS FIN CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

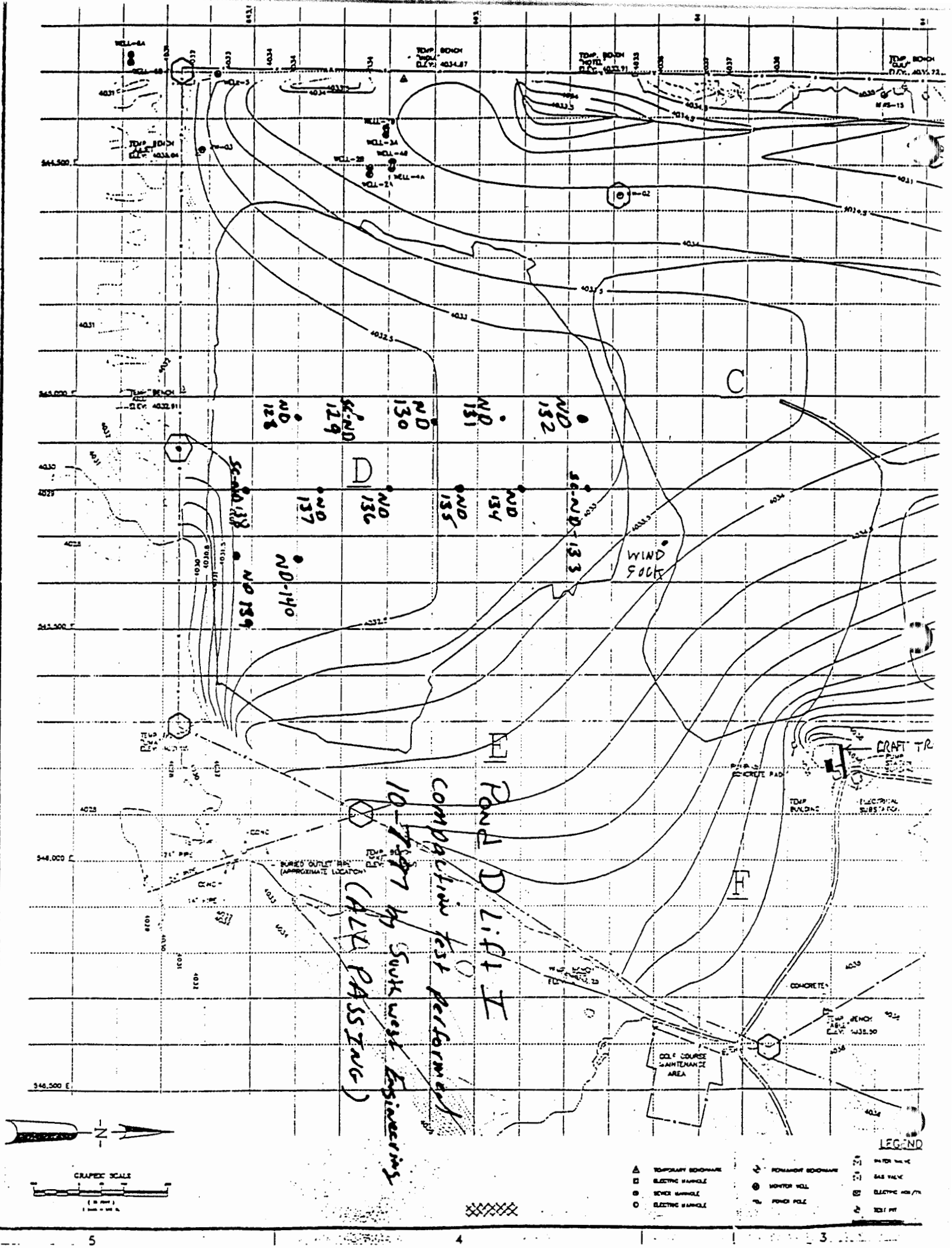
Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
17NOV97	ND-278	Nuclear Density	Outside Pond D West Side	1	94.2	5.8	114.1		121.1					85% compaction req
17NOV97	SC-ND-278	Sand Cone	Outside Pond D West Side	1	92.8	6.3	112.4	1.5	121.1					85% compaction req
24NOV97	ND-279	Nuclear Density	Pond D	1	95.6	6	108.8		113.8					85% compaction req
24NOV97	ND-280	Nuclear Density	Pond D	1	93.8	7.8	106.8		113.8					85% compaction req
24NOV97	ND-281	Nuclear Density	Pond D	1	92.3	5.8	105		113.8					85% compaction req
24NOV97	ND-282	Nuclear Density	Pond D	1	92.6	6	105.4		111.1					85% compaction req
24NOV97	ND-283	Nuclear Density	Pond D	1	96.3	6	109.6		113.8					85% compaction req
24NOV97	SC-ND-283	Sand Cone	Pond D	1										85% compaction req
24NOV97	ND-284	Nuclear Density	Pond D	1	97.9	5.9	111.4		113.8					85% compaction req
24NOV97	ND-285	Nuclear Density	Pond D	1	97.6	7.2	111.1		113.8					85% compaction req
24NOV97	ND-286	Nuclear Density	Pond D	1	96.2	5.3	109.5		113.8					85% compaction req
24NOV97	ND-287	Nuclear Density	Pond D	1	99.1	8.6	112.8		113.8					85% compaction req
24NOV97	ND-288	Nuclear Density	Pond D	1	99.4	8.1	113.1		113.8					85% compaction req
24NOV97	SC-ND-288	Sand Cone	Pond D	1										85% compaction req
24NOV97	ND-289	Nuclear Density	Pond D	1	97.2	5.9	110.6		113.8					85% compaction req
24NOV97	ND-290	Nuclear Density	Pond D	1	92.6	5.5	105.4		113.8					85% compaction req
24NOV97	ND-291	Nuclear Density	Pond D	1	92.2	5.7	104.9		113.8					85% compaction req
24NOV97	ND-292	Nuclear Density	Pond D	1	92	7.1	104.7		113.8					85% compaction req
24NOV97	ND-293	Nuclear Density	Pond D	1	96.9	6.2	110.4		113.8					85% compaction req
24NOV97	SC-ND-293	Sand Cone	Pond D	1										85% compaction req
24NOV97	ND-294	Nuclear Density	Pond D	1	96.7	7.6	110.1		113.8					85% compaction req
24NOV97	ND-295	Nuclear Density	Outside Pond C West Side	1	93.4	5.2	101.2		108.4					85% compaction req
24NOV97	ND-296	Nuclear Density	Outside Pond C West Side	1	98.7	5	107		108.4					85% compaction req
24NOV97	ND-297	Nuclear Density	Outside Pond C West Side	1	90.4	11	109.5		121.1					85% compaction req
24NOV97	ND-298	Nuclear Density	Pond C	2	87.3	4.6	105.7		121.1					85% compaction req
24NOV97	SC-ND-298	Sand Cone	Pond C	2										85% compaction req
24NOV97	ND-299	Nuclear Density	Pond C	2	90.3	5.1	109.3		121.1					85% compaction req
24NOV97	ND-300	Nuclear Density	Pond C	2	89.9	5	109		121.1					85% compaction req
24NOV97	ND-301	Nuclear Density	Pond C	2	97.2	6.2	117.7		121.1					85% compaction req
24NOV97	ND-302	Nuclear Density	Pond C	3	94.7	11	105.9		111.8					85% compaction req
24NOV97	ND-303	Nuclear Density	Pond C	3	97.7	11.3	109.3		111.8					85% compaction req
24NOV97	SC-ND-303	Sand Cone	Pond C	3										85% compaction req
24NOV97	ND-304	Nuclear Density	Pond C	3	99.1	10.1	109.8		113					85% compaction req
24NOV97	ND-305	Nuclear Density	Pond C	3	94.3	5.6	106.5		113					85% compaction req
24NOV97	ND-306	Nuclear Density	Pond C	3	97.2	10.1	109.8		113					85% compaction req
24NOV97	ND-307	Nuclear Density	Pond C	3	95.8	10.7	108.2		113					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

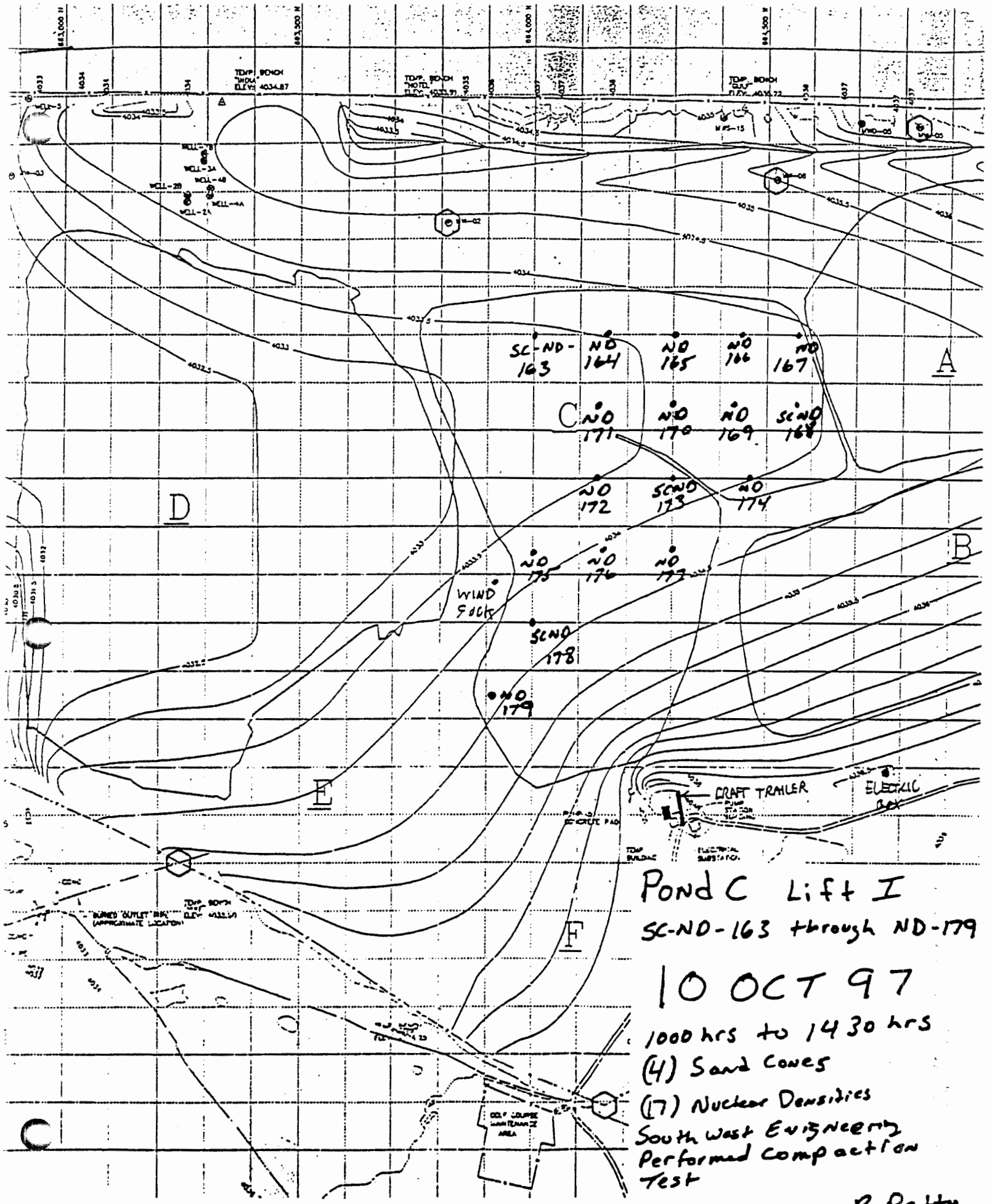
Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
25NOV97	ND-308	Nuclear Density	Pond D	2	99.6	8.8	112.5		113					85% compaction req
25NOV97	SC-ND-308	Sand Cone	Pond D	2					113					85% compaction req
25NOV97	ND-309	Nuclear Density	Pond D	2	86.9	4	94.2		108.4					85% compaction req
25NOV97	ND-310	Nuclear Density	Pond E	2	95.3	4.3	103.3		108.4					85% compaction req
25NOV97	ND-311	Nuclear Density	Pond E	2	97.8	6.6	110.6		113					85% compaction req
25NOV97	ND-312	Nuclear Density	Pond E	3	94.6	5.8	102.5		108.4					85% compaction req
25NOV97	ND-313	Nuclear Density	Pond E	3	88.5	5.8	95.9		108.4					85% compaction req
25NOV97	SC-ND-313	Sand Cone	Pond E	3					108.4					85% compaction req
25NOV97	ND-314	Nuclear Density	Pond E	3	90.5	4	98.5		108.4					85% compaction req
25NOV97	ND-315	Nuclear Density	Pond E	3	94.4	4.1	102.4		108.4					85% compaction req
25NOV97	ND-316	Nuclear Density	Pond E	3	98.5	5.7	106.8		108.4					85% compaction req
25NOV97	ND-317	Nuclear Density	Pond E	3	95.5	6.2	103.5		108.4					85% compaction req
25NOV97	ND-318	Nuclear Density	Pond E	3	88.7	4.5	96.2		108.4					85% compaction req
25NOV97	SC-ND-318	Sand Cone	Pond E	3					108.4					85% compaction req
25NOV97	ND-319	Nuclear Density	Pond E	3	91.7	4.8	99.5		108.4					85% compaction req
25NOV97	ND-320	Nuclear Density	Pond E	3	85.9	4	93.1		108.4					85% compaction req



Pond D Lift #1
Compaction Test Performed
10-6-97 by South West Engineering
(All passing)
WIND ROCK
C
D
E
F
CRAFT TRAI
PUMP STATION BUILDING
ELECTRICAL SUBSTATION
CONCRETE PAD
BURIED OUTLET PIPE (APPROXIMATE LOCATION)
COLF COURSE MAINTENANCE AREA
CONCRETE
TEMP. BENCH
LEGEND
GRAPHIC SCALE



C
D
E
F
ND 128
SC-ND 129
ND 130
ND 131
ND 132
SC-ND 133
ND 134
ND 135
ND 136
ND 137
SC-ND 138
ND 139
ND-140
WIND SOCK
CRAFT TR
PUMP STATION
PUMP CONCRETE PAD
TEMP BUILDING
ELECTRICAL SUBSTATION
BURIED OUTLET PIPE (APPROXIMATE LOCATION)
COLF COURSE MAINTENANCE AREA
CONCRETE
Pond D Lift I
Compaction test performed
10-7-97 by Southwest Engineering
(ALL PASSING)
GRAPHIC SCALE
LEGEND
TEMPORARY BENCHMARK
ELECTRIC MANHOLE
SEWER MANHOLE
ELECTRIC MANHOLE
PERMANENT BENCHMARK
MONITOR WELL
POWER POLE
WATER VALVE
GAS VALVE
TEST PIT



Pond C Lift I

SC-ND-163 through ND-179

10 OCT 97

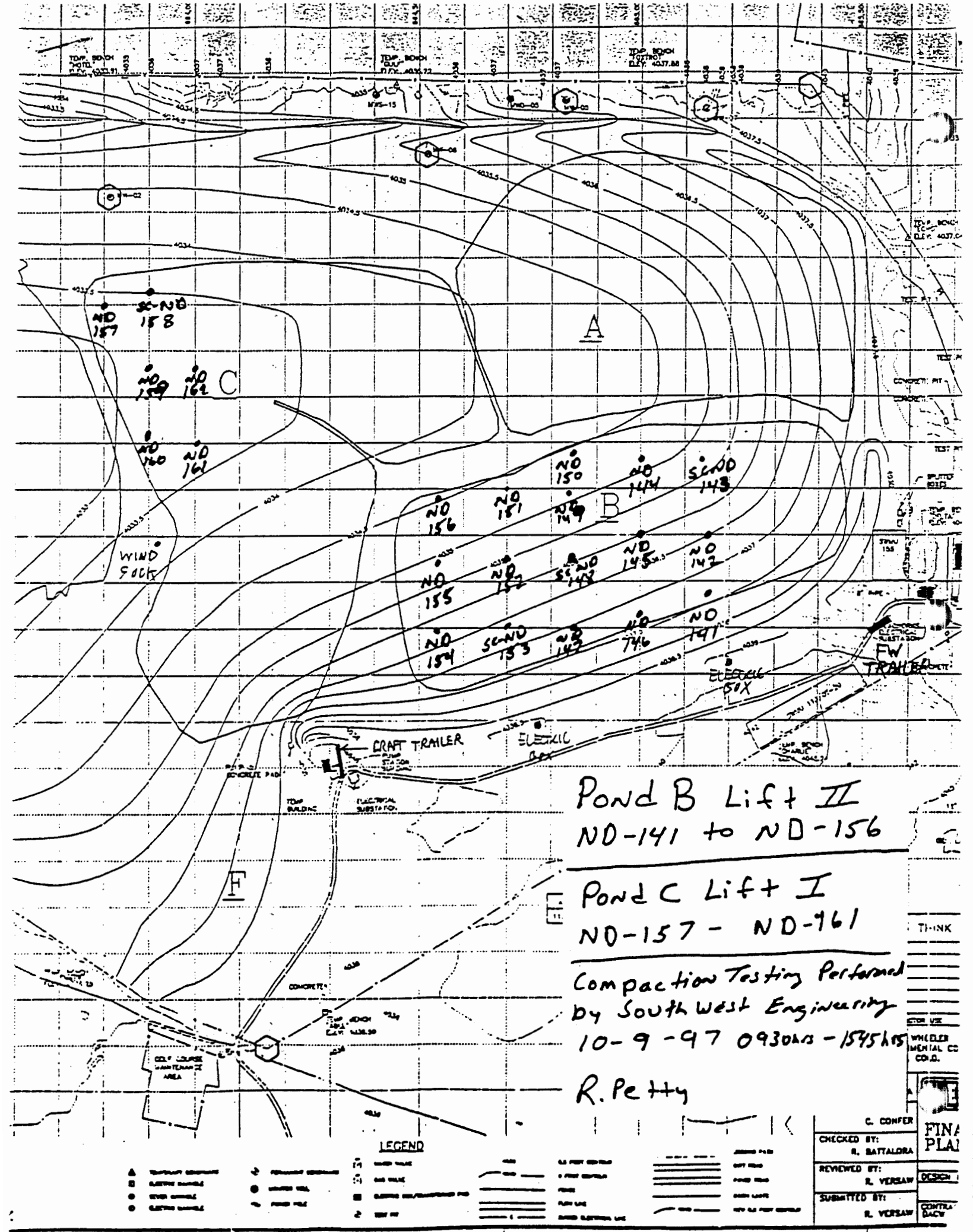
1000 hrs to 1430 hrs

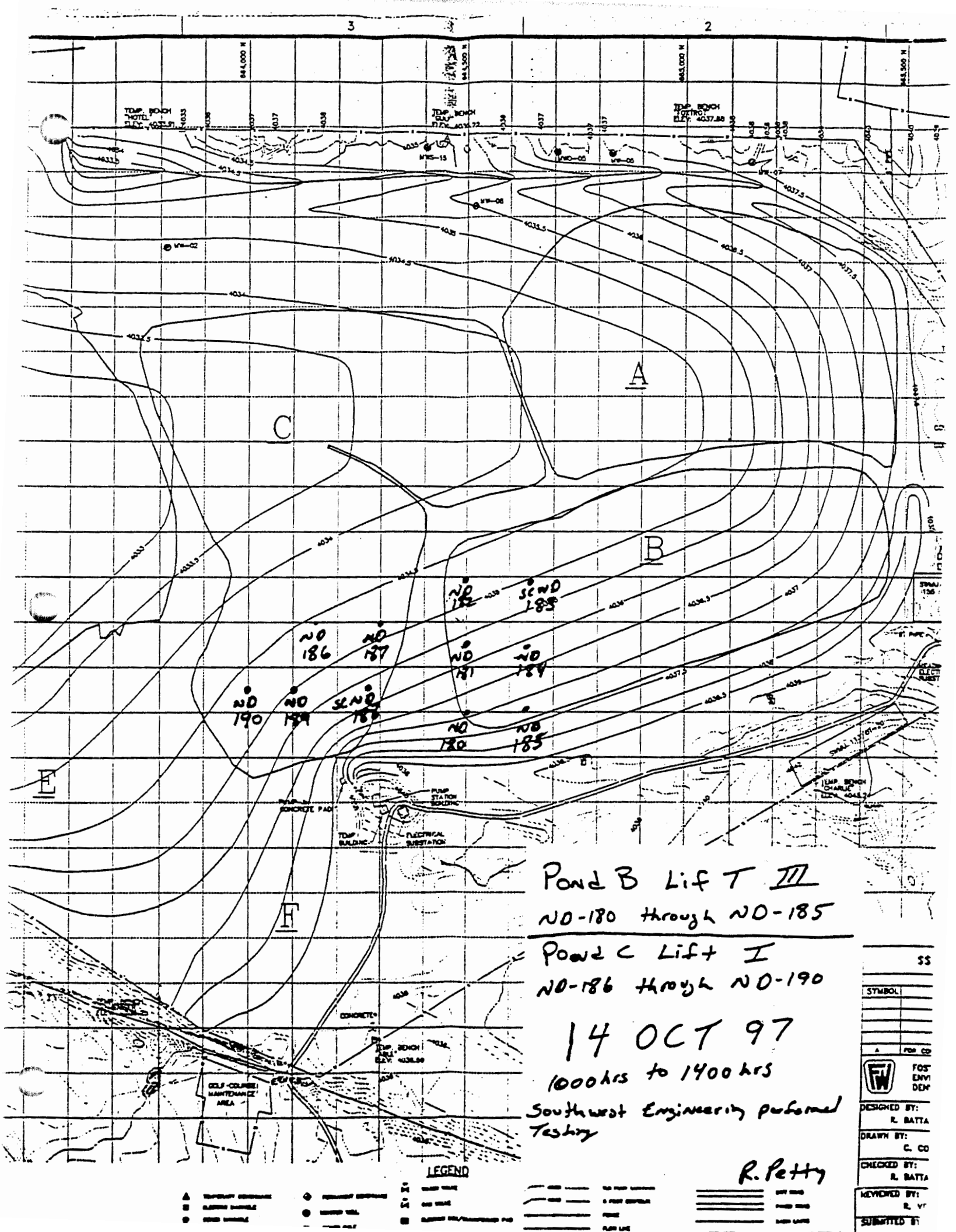
(4) Sand Cones

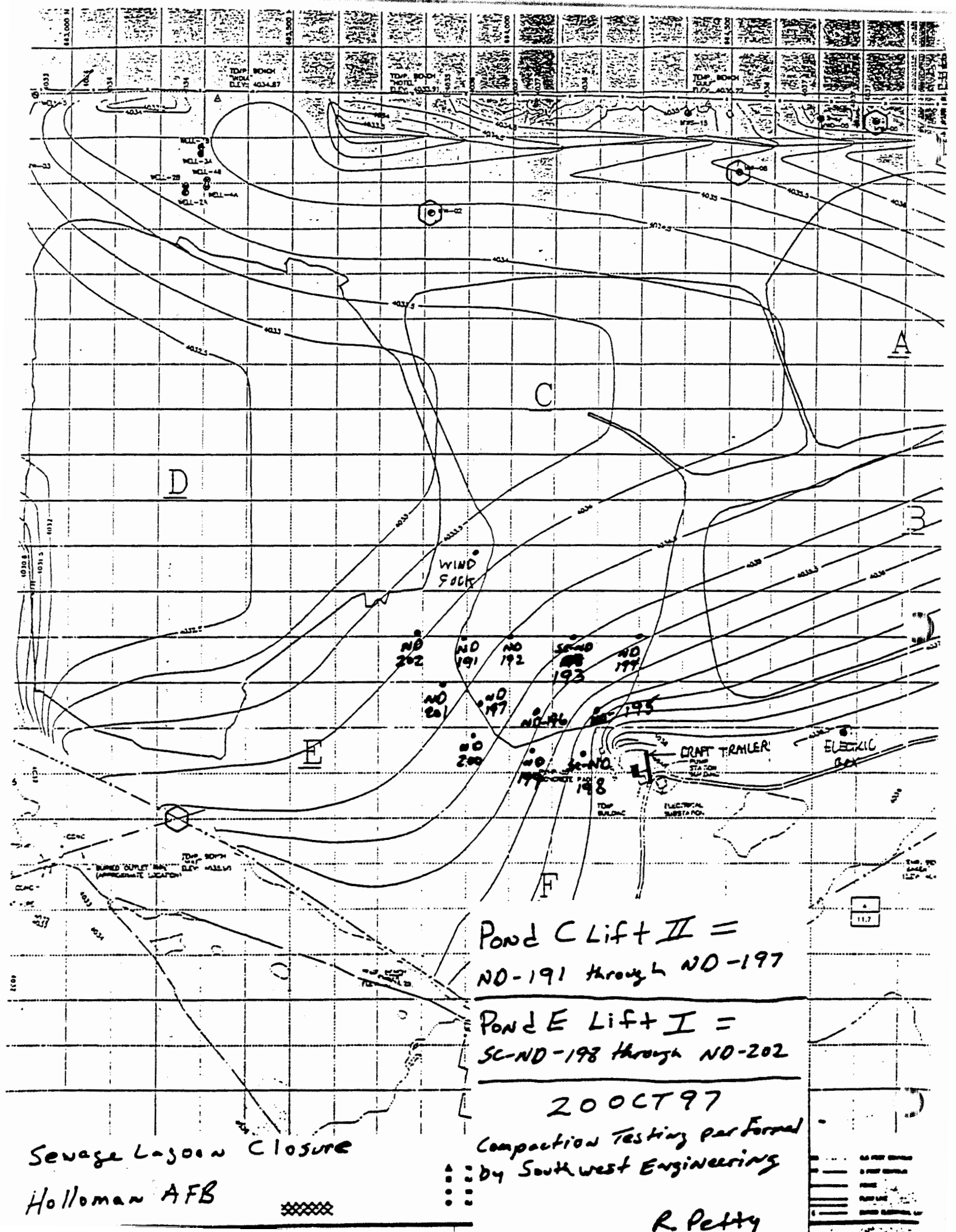
(17) Nuclear Densities

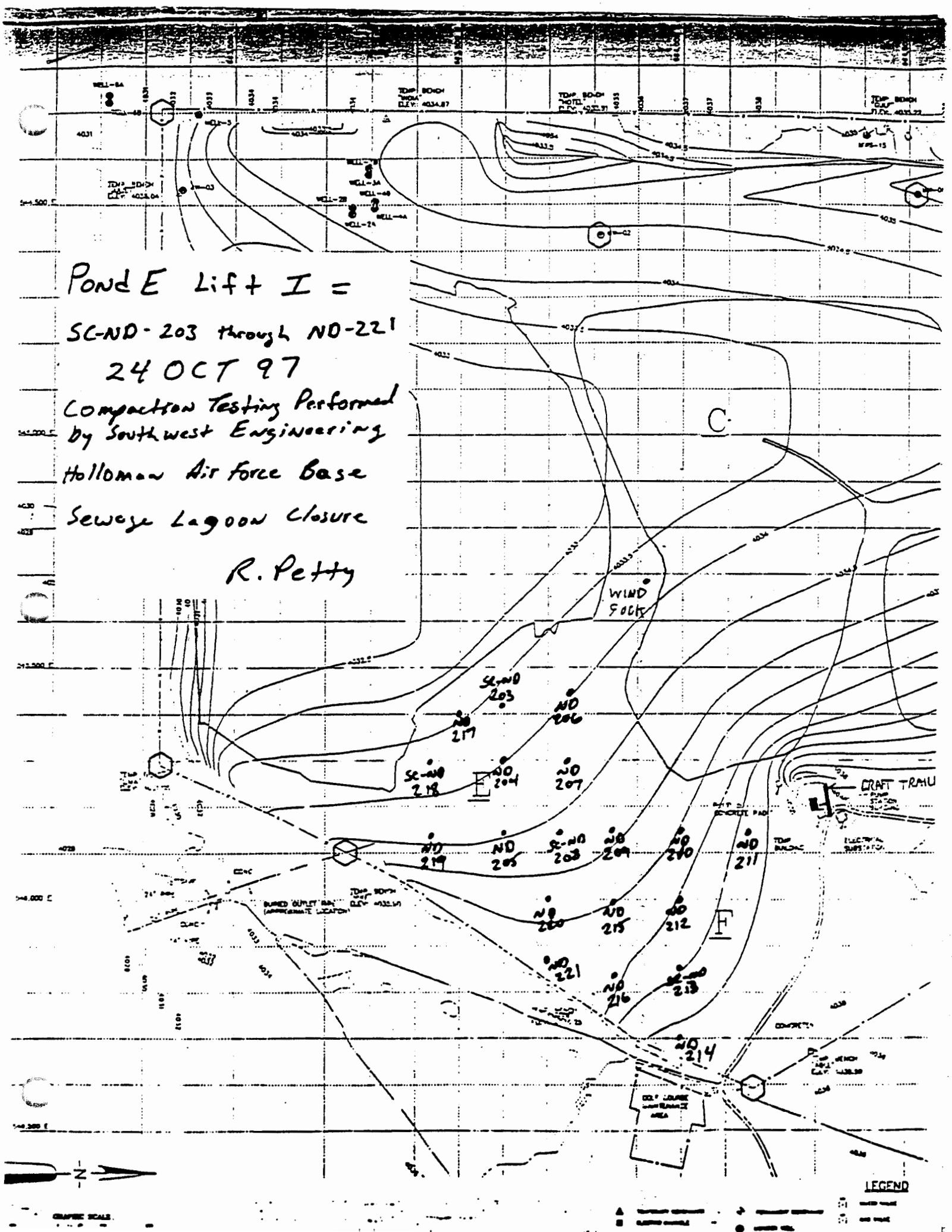
South West Engineering Performed Compaction Test

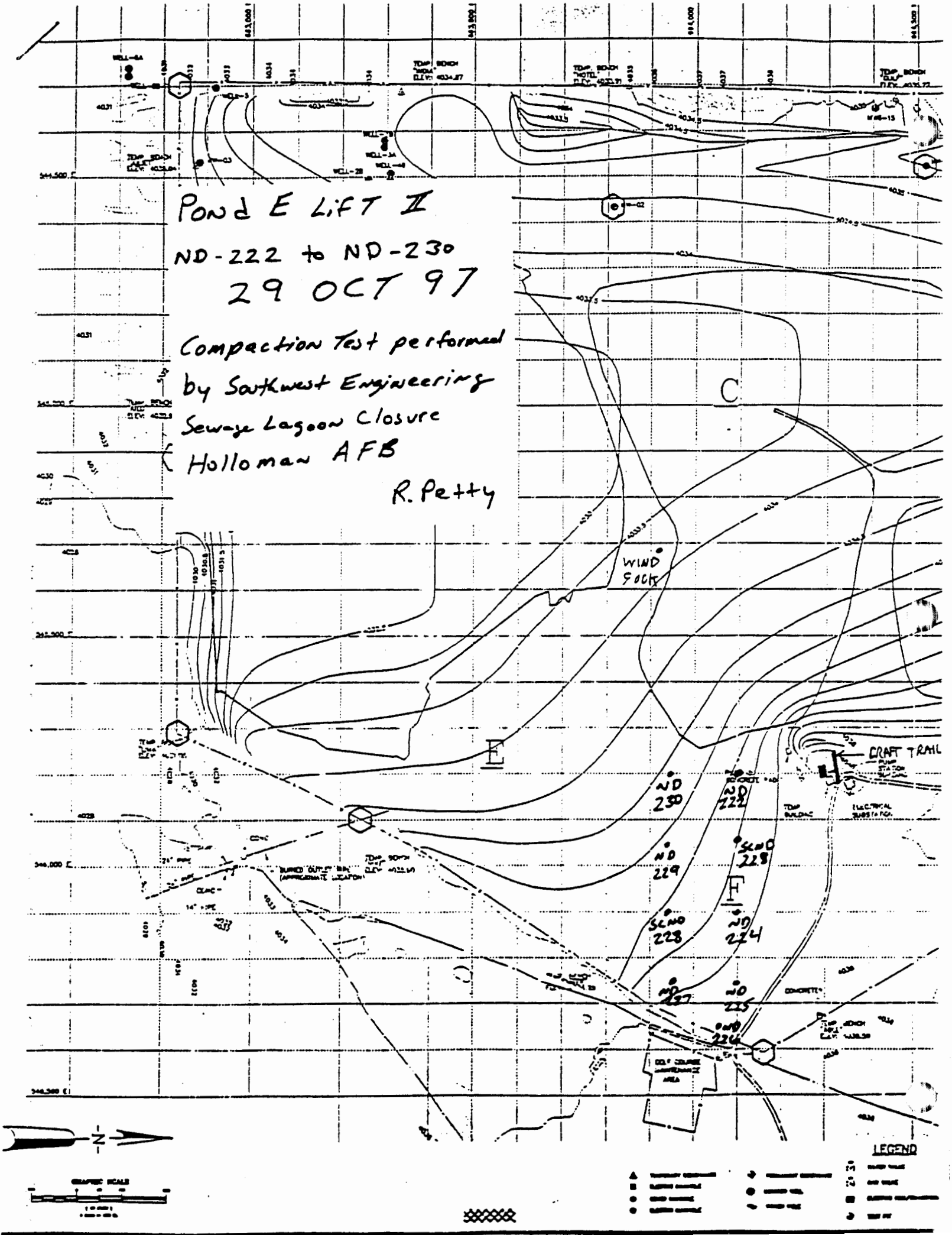
R. Petty

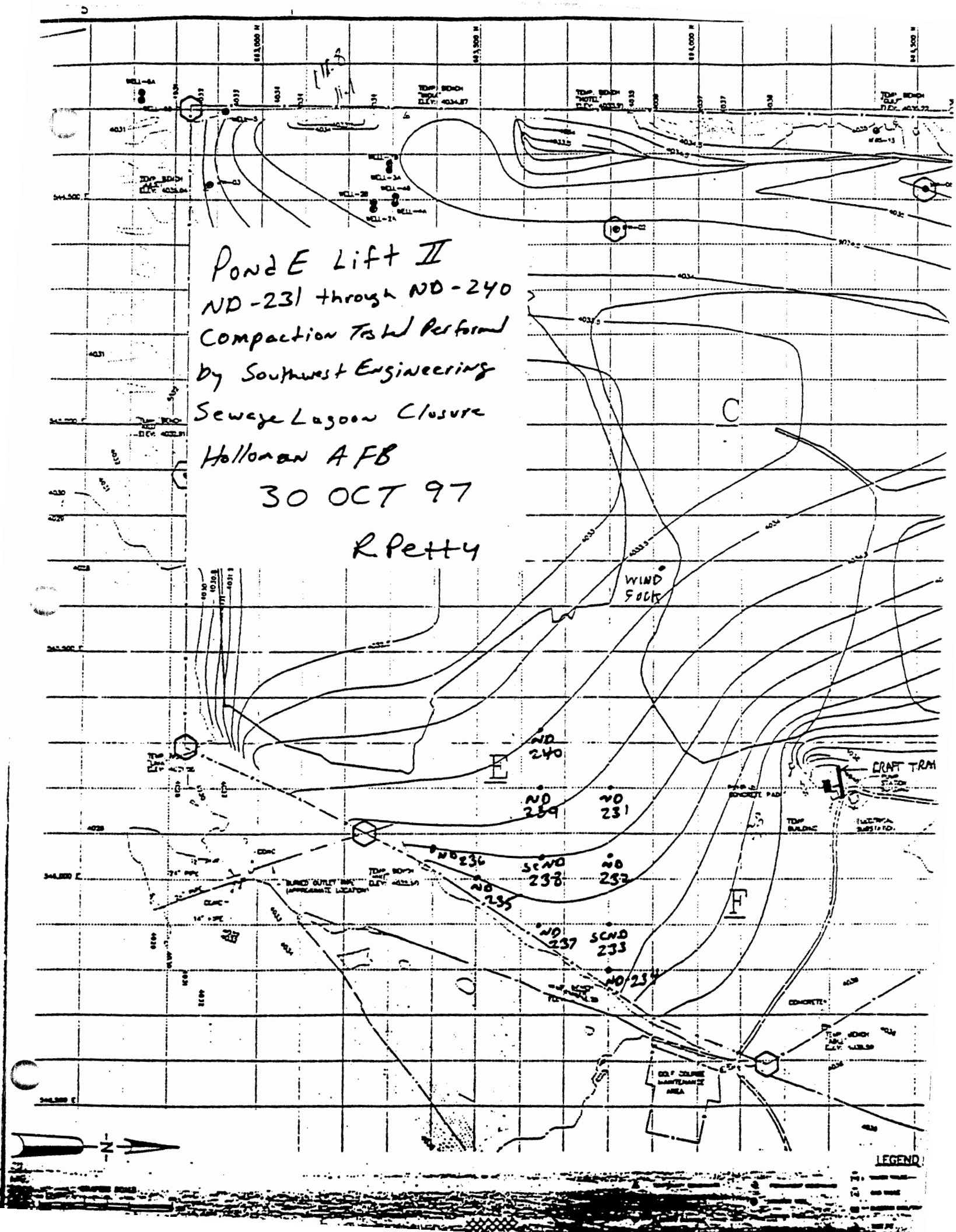

A
B
C
F
ND 157
SC-ND 158
ND 159
ND 162
ND 160
ND 161
ND 150
ND 144
SC-ND 143
ND 156
ND 151
ND 149
ND 155
ND 152
SC-ND 148
ND 145
ND 142
ND 154
SC-ND 153
ND 147
ND 146
ND 141
WIND SOCK
CRAFT TRAILER
ELECTRIC BOX
FW TRAILER
Pond B Lift II
ND-141 to ND-156
Pond C Lift I
ND-157 - ND-161
Compaction Testing Performed
by South West Engineering
10-9-97 0930hrs - 1545hrs
R. Petty
LEGEND
C. CONFER
CHECKED BY:
R. BATTALORA
REVIEWED BY:
R. VERSAW
SUBMITTED BY:
R. VERSAW

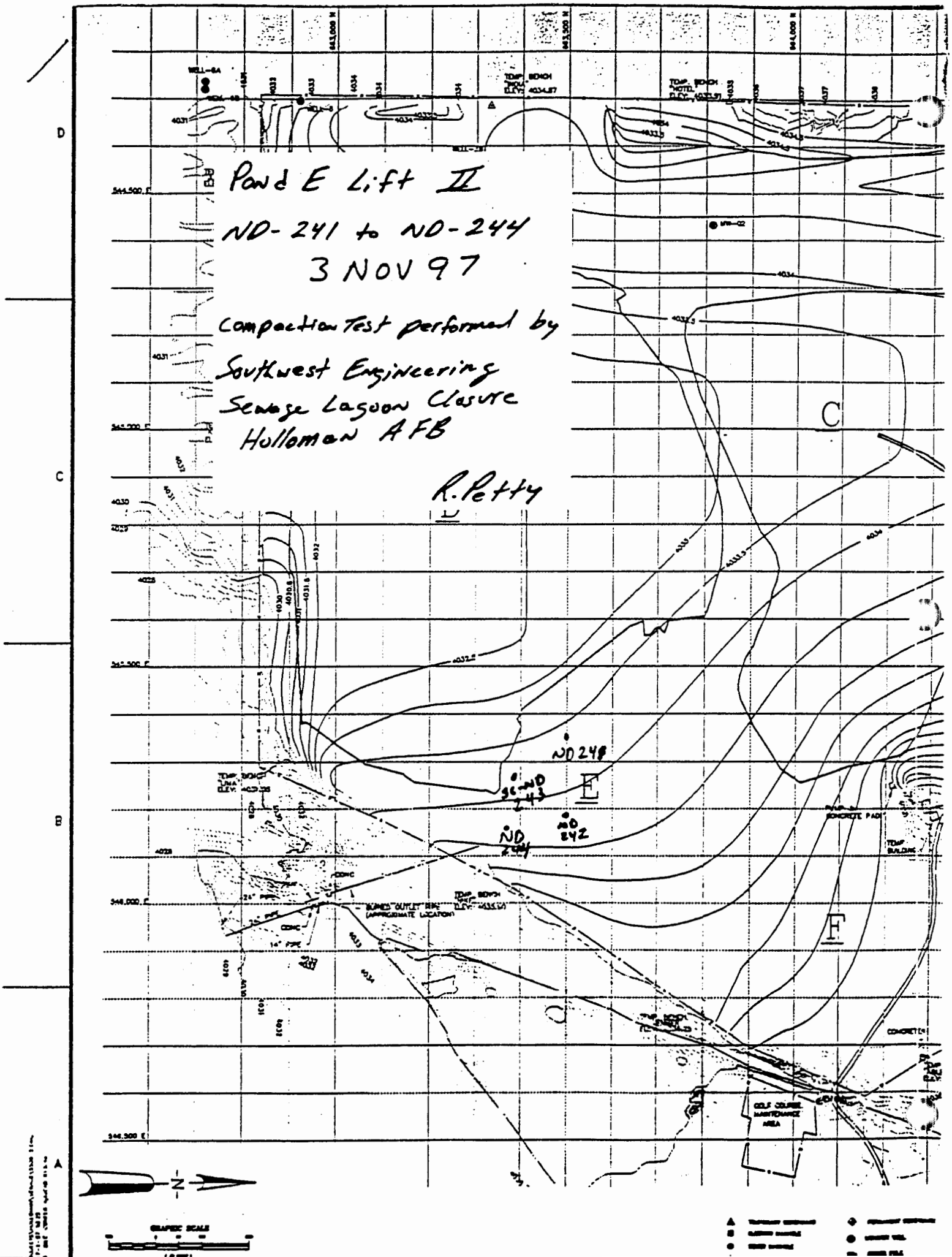

A
B
C
E
F
NO 182
SCND 183
NO 186
NO 187
NO 181
NO 184
NO 190
NO 189
SCND 188
NO 180
NO 185
Pond B Lift III
NO-180 through NO-185
Pond C Lift I
NO-186 through NO-190
14 OCT 97
1000hrs to 1400hrs
Southwest Engineering performed Testing
R. Petty
LEGEND
DESIGNED BY:
DRAWN BY:
CHECKED BY:
REVIEWED BY:
SUBMITTED BY:

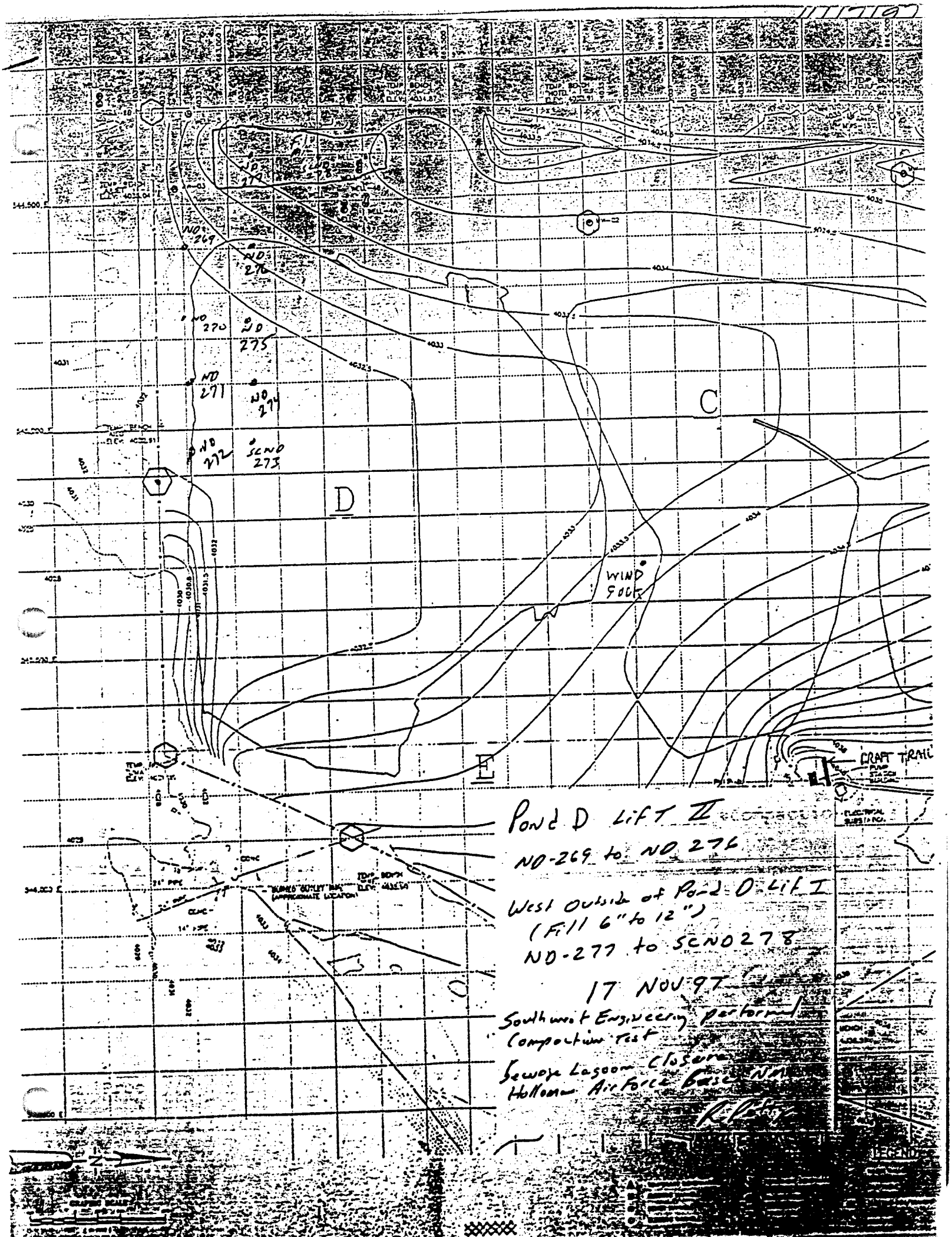

A
B
C
D
E
F
WIND SOCK
ND 202
ND 191
ND 192
SC-ND 193
ND 194
ND 201
ND 197
ND-196
195
ND 200
SC-ND 198
CRAFT TRAILER
ELECTRIC BOX
Pond C Lift II =
ND-191 through ND-197
Pond E Lift I =
SC-ND-198 through ND-202
20 OCT 97
Compaction Testing performed
by Southwest Engineering
Sewage Lagoon Closure
Holloman AFB
R. Petty


Pond E Lift I =
SC-ND-203 through ND-221
24 OCT 97
Compaction Testing Performed
by Southwest Engineering
Holloman Air Force Base
Sewage Lagoon Closure
R. Petty
WIND SOCK
SC-ND 203
ND 206
ND 217
SC-ND 218
ND 204
ND 207
ND 219
ND 205
SC-ND 208
ND 209
ND 210
ND 211
ND 220
ND 215
ND 212
ND 221
ND 216
SC-ND 213
ND 214
E
F
C
CRAFT TRAIL
LEGEND


Pond E Lift II
ND-222 to ND-230
29 OCT 97
Compaction Test performed
by Southwest Engineering
Sewage Lagoon Closure
Holloman AFB
R. Petty
WIND SOCK
C
E
F
ND 230
ND 222
ND 229
SLND 228
SLND 228
ND 224
ND 225
ND 224
CRAFT TRAIL
LEGEND


Pond E Lift II
ND-231 through ND-240
Compaction Tested Performed
by Southwest Engineering
Sewage Lagoon Closure
Holloman AFB
30 OCT 97
R Petty
WIND SOCK
ND 240
ND 239
ND 231
ND 236
SCND 238
ND 232
ND 235
ND 237
SCND 233
ND 234
CRAFT TRAI
LEGEND


Pond E Lift II
ND-241 to ND-244
3 NOV 97
Compaction Test performed by
Southwest Engineering
Sewage Lagoon Closure
Holloman AFB
R. Petty
ND 248
SC-ND 243
ND 242
ND 244
C
E
F
GRAPHIC SCALE


ND 269
ND 276
ND 270
ND 275
ND 271
ND 274
ND 272
SCND 273
C
D
E
WIND ROCK
CRAFT TRAIL
Pond D Lift II
ND-269 to ND 276
West Outside of Pond D Lift I
(Fill 6" to 12")
ND-277 to SCND 278
17 NOV 97
Southwest Engineering performed
Compaction Test
Sewage Lagoon Closure
Holloman Air Force Base NM
LEGEND

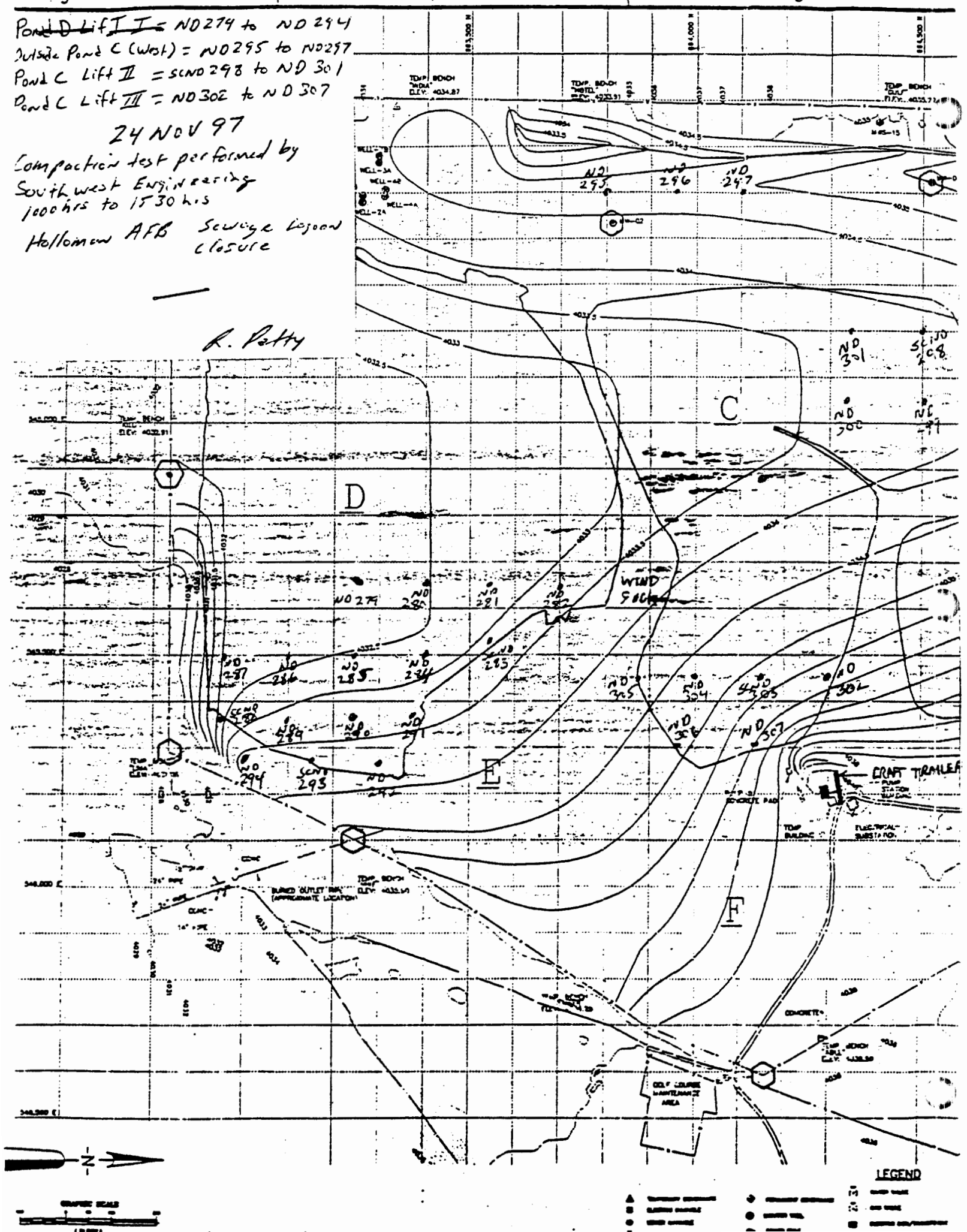
~~Pond D Lift I~~ = ND 274 to ND 294
Outside Pond C (West) = ND 295 to ND 297
Pond C Lift II = SCND 298 to ND 301
Pond C Lift III = ND 302 to ND 307

24 NOV 97

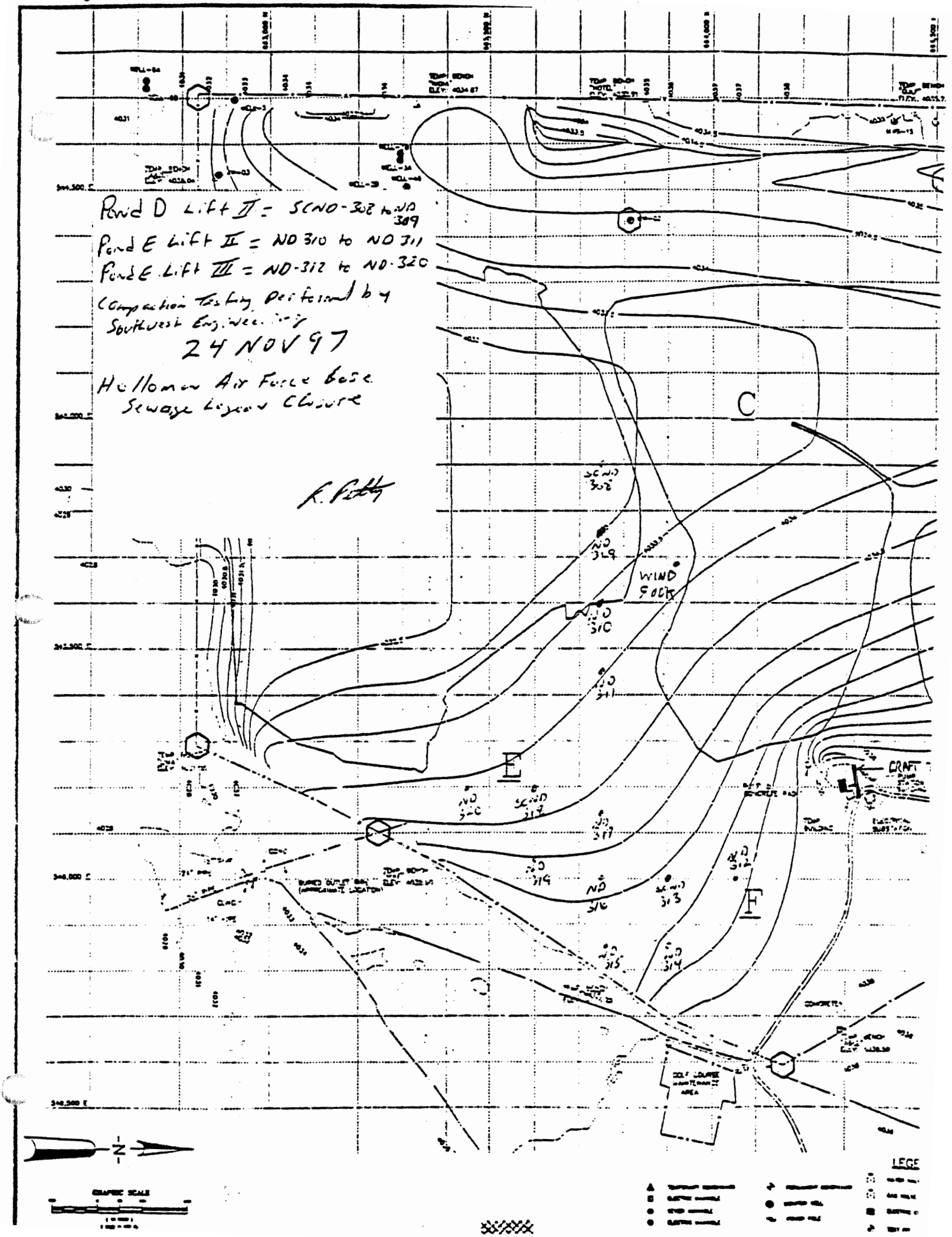
Compaction test performed by
Southwest Engineering
1000 hrs to 1530 hrs

Holloman AFB Sewage Lagoon
closure

R. Petty



LEGEND


Pond D Lift II = SCND-308 to ND 309
Pond E Lift II = ND 310 to ND 311
Pond E Lift III = ND-312 to ND-320
Compaction Testing Performed by
Southwest Engineering
24 NOV 97
Holloman Air Force Base
Sewage Lagoon Closure
R. Petty
C
E
F
SCND 308
ND 309
WIND 500K
ND 310
ND 311
ND 320
SCND 312
ND 319
ND 316
SCND 313
ND 312
ND 315
ND 314
CRAFT
GOLF COURSE MAINTENANCE AREA
GRAPHIC SCALE
LEGE

FOSTER WHEELER ENVIRONMENTAL
SEWAGE LAGOON CLOSURE
TERC Contract No. DACW45-94-D0003
HOLLOMAN A.F.B. NEW MEXICO

COMPLETION INSPECTION

PERSONNEL PRESENT:

NAME:	REPRESENTING	TITLE	DATE
[illegible]	FWENC	QC Manager	11/2/98
GEORGE FISH	COE	PROJ ENG	11/2/98

SPECIFICATIONS:
Revegetation, Section 02900

INSPECTION ITEMS:
Revegetation

OBSERVATIONS/DISCREPANCIES:
Work performed in accordance with the specifications noted above

COMPLETENESS/QUALITY OF WORK:
all work is complete and of good quality. Individuals identified above concur.

COMMENTS: This completion inspection is an addendum to the Sewage Lagoon Closure Completion Inspection dated 11/24/98

11/2/98
DATE

[illegible]
QUALITY CONTROL MANAGER

APPENDIX C

FIELD CHANGE REQUEST FORMS

FIGURE 6-4

FOSTER WHEELER ENVIRONMENTAL CORPORATION
ENGINEERING PROCEDURES
DEVELOPING AND ISSUING ENGINEERING DOCUMENTS

FIELD CHANGE REQUEST

Project	Proj. No.	Field Change No.
SEWAGE LAGOONS FINAL CLOSURE	5155.0015.0009.D0000	FCR - 01

TO _____ DEPT _____ LOCATION _____ DATE 8-19-97

RE: Drawing No. _____ Title _____
Spec No. 02200 Title EARTHWORK
Other _____

1. Description (Items involved, submit sketch if applicable)
INCREASE COMPACTED SOIL LIFT THICKNESS FROM 8 INCH MAX TO 12 INCH MAX.

2. Reasons for Change (If from disposition of nonconformance report, list report number)
PRIOR EXPERIENCE AT SITE INDICATES 85% PROCTOR COMPACTION IS ACHIEVABLE USING A 12-INCH LIFT.

3. Recommended Disposition (Minor Change) Major Change

4. Project Engineer (Signature)	Date	Project Supt. Concurrence (Signature)	Date
USACE [signature]	8/19/97		

5. Disposition
NOT APPROVED (Give Reason)

✓ CONSIDERED MINOR CHANGE - Approved per Recommended Disposition-Design documents will not be normally revised; field to maintain as-built records

CONSIDERED MAJOR CHANGE - Action will be taken as prescribed on DCN -

Lead Discipline Engineer or Designee (Signature)	Date	Project Engineer or Designee	Date
[signature]	8/19/97		

Project Engineer signs and returns to LDE for transmittal to Project Engineer with copies to

Project Manager _____ Others as Required _____
Project Supt _____
Project Files _____

FIGURE 6-4

FOSTER WHEELER ENVIRONMENTAL CORPORATION
ENGINEERING PROCEDURES
DEVELOPING AND ISSUING ENGINEERING DOCUMENTS

FIELD CHANGE REQUEST

Project: SEWAGE LAGOONS FINAL CLOSURE | Proj. No. 5155-0005-000 9. H0000 | Field Change No. FCR-02

TO _____ DEPT _____ LOCATION _____ DATE _____

RE: Drawing No. 4 Title FINAL SOIL COVER CONTOUR PLAN
Spec No. _____ Title _____
Other _____

1. Description (Items involved, submit sketch if applicable)
DITCH ON WEST OF SITE.
LOW AREA NORTH OF PONDS A & B, SOUTH OF NORTH FENCE

2. Reasons for Change (If from disposition of nonconformance report, list report number) _____
TEMPORARILY FILL DITCH FOR SAFETY OF EARTHWORK EQUIPMENT.
PREPARE SOIL STOCKPILE PAD NORTH OF POND A & B.

3. Recommended Disposition — Minor Change — Major Change
FINAL GRADING TO BE COORDINATED WITH USACE / USAF.

4. Project Engineer (Signature) [signature] Date 8/26/97 | Project Supt. Concurrence (Signature) [signature] Date 8-26-97

8. Disposition
NOT APPROVED (Give Reason)

✓ CONSIDERED MINOR CHANGE - Approved per Recommended Disposition-Design documents will not be normally revised; field to maintain as-built records

CONSIDERED MAJOR CHANGE - Action will be taken as prescribed on DCN -

Lead Discipline Engineer or Designee (Signature) [signature] Date 8/28/97 | Project Engineer ~~or Designee~~ [signature] Date 8/28/97

Project Engineer signs and returns to LDE for transmittal to Project Engineer with copies to

Project Manager _____ Others as Required _____
Project Supt _____
Project Files _____

FIGURE 6-4

FOSTER WHEELER ENVIRONMENTAL CORPORATION
ENGINEERING PROCEDURES
DEVELOPING AND ISSUING ENGINEERING DOCUMENTS

FIELD CHANGE REQUEST

Project	Proj. No.	Field Change No.
Sewage Lagoons Final Closure	5155-0015-0009. H000	FCR-03

TO _____ DEPT _____ LOCATION _____ DATE _____

RE: Drawing No. _____ Title _____
Spec No. 02200 sec 3.2 Title Earthwork
Other _____

1. Description (Items involved, submit sketch if applicable)
Delete requirement to cover truck tailers when hauling materials

2. Reasons for Change (If from disposition of nonconformance report, list report number) _____
Install Engineering control measure by using sprinkler system to wet down load when being transported from Borrow pit to the site

3. Recommended Disposition — Minor Change — Major Change

4. Project Engineer (Signature) _____ Date _____ Project Supt. Concurrence (Signature) _____ Date 9-10-97

5. Disposition
NOT APPROVED (Give Reason)

CONSIDERED MINOR CHANGE - Approved per Recommended Disposition-Design documents will not be normally revised; field to maintain as-built records

CONSIDERED MAJOR CHANGE - Action will be taken as prescribed on DCN -

9/12/97

Lead Discipline Engineer or Designee (Signature)	Date	Project Engineer or Designee	Date

Project Engineer signs and returns to LDE for transmittal to Project Engineer with copies to:

Project Manager _____ Others as Required _____

Project Supt _____

Project Files _____

FIGURE 6-4

FOSTER WHEELER ENVIRONMENTAL CORPORATION
ENGINEERING PROCEDURES
DEVELOPING AND ISSUING ENGINEERING DOCUMENTS

FIELD CHANGE REQUEST

Project	Proj. No.	Field Change No.
Sewage Lagoon Final Closure	5155-0015-009 H000	FCR-04

TO _____ DEPT _____ LOCATION _____ DATE _____

RE: Drawing No _____ Title _____
Spec No 02200 sec 3.4 Title Earthwork
Other _____

1. Description (Items involved, submit sketch if applicable)
Backfill compaction equipment (Tamping-Foot roller)

2. Reasons for Change (If from disposition of nonconformance report, list report number) _____
Discontinue use of roller. Compaction of soil type is easily obtain by use of ~~eqo~~ spreading equipment (Dozer/Grader) tracking over the ~~1~~ 1 foot Lift
9-10-97

3. Recommended Disposition Minor Change Major Change

4. Project Engineer (Signature) [signature] Date 9/10/97 Project Supt. Concurrence (Signature) [signature] Date 9-10-97

5. Disposition
NOT APPROVED (Give Reason)

CONSIDERED MINOR CHANGE - Approved per Recommended Disposition-Design documents will not be normally revised; field to maintain as-built records

[signature] 9/12/97

CONSIDERED MAJOR CHANGE - Action will be taken as prescribed on DCN -

Lead Discipline Engineer or Designee (Signature)	Date	Project Engineer or Designee	Date

Project Engineer signs and returns to LDE for transmittal to Project Engineer with copies to:

Project Manager _____
Project Supt. _____
Project Files _____

Others as Required _____

FIGURE 6-4

FOSTER WHEELER ENVIRONMENTAL CORPORATION
ENGINEERING PROCEDURES
DEVELOPING AND ISSUING ENGINEERING DOCUMENTS

FIELD CHANGE REQUEST

Project	Proj. No.	Field Change No.
LAGOONS	5155	Ø5

TO _____ DEPT _____ LOCATION _____ DATE _____

RE Drawing No. _____ Title _____
Sect ~~Spec No~~ 2.1 Project TEAM Title SHASP
Other _____

1. Description (Items involved, submit sketch if applicable)

2. Reasons for Change (If from disposition of nonconformance report, list report number _____
NEW ASSIGNMENT of Personnel

3. Recommended Disposition Minor Change Major Change
Add NAMES TO SHAS Section 2-1
JAMES MORNING AS SHSO
ROY MAHON AS Site Construction Supt.

4. Project Engineer (Signature)	Date	Project Supt. Concurrence (Signature)	Date

5. Disposition
NOT APPROVED (Give Reason)

CONSIDERED MINOR CHANGE - Approved per Recommended Disposition-Design documents will not be normally revised; field to maintain as-built records

CONSIDERED MAJOR CHANGE - Action will be taken as prescribed on DCN -

[signature] COE 9/12/97

Lead Discipline Engineer or Designee (Signature)	Date	Project Engineer or Designee	Date

Project Engineer signs and returns to LDE for transmittal to Project Engineer with copies to:

Project Manager [signature]
Project Supt Roy J Mahon
Project Files _____

Others as Required PHSM

FIGURE 6-4

FOSTER WHEELER ENVIRONMENTAL CORPORATION
ENGINEERING PROCEDURES
DEVELOPING AND ISSUING ENGINEERING DOCUMENTS

FIELD CHANGE REQUEST

Project LAGOONS	Proj. No. 5155 0015	Field Change No. 06

TO Andy Stricklar DEPT SSQ LOCATION Denver DATE 9-10-97

RE Drawing No. _____ Title _____
Spec No. _____ Title _____
Other Section 7-2 Air monitoring

1 Description (Items involved, submit sketch if applicable)
DISCONTINUE Air monitoring of organic vapors DUE TO INSTALLATION OF 1 Ft MIN Soil COVER/CAP ON DRY SLUDGE OF LAGOONS

2 Reasons for Change (If from disposition of nonconformance report, list report number) _____
SAVE EQUIP Rental Charges - Monitoring Not Needed

3 Recommended Disposition Minor Change Major Change

Approval DUE TO Historical DATA of monitoring AND Potential Risk ARE COVERED W/ 1 Ft + of Soil COVER

4 Project Engineer (Signature)	Date	Project Supt. Concurrence (Signature)	Date

5 Disposition
NOT APPROVED (Give Reason)

CONSIDERED MINOR CHANGE - Approved per Recommended Disposition-Design documents will not be normally revised; field to maintain as-built records

File COE 9/12/97

CONSIDERED MAJOR CHANGE - Action will be taken as prescribed on DCN -

Lead Discipline Engineer or Designee (Signature)	Date	Project Engineer or Designee	Date

Project Engineer signs and returns to EDE for transmittal to Project Engineer with copies to

Project Manager _____ Others as Required PHSM

Project Supt. Roy S Mahon

Project Files _____

FOSTER WHEELER ENVIRONMENTAL CORPORATION
ENGINEERING PROCEDURES
DEVELOPING AND ISSUING ENGINEERING DOCUMENTS

FIELD CHANGE REQUEST

Project	Proj. No.	Field Change No.
SEWAGE LAGOONS	5155 0015 0005 H0000	FCR-07

TO GEORGE FISH DEPT USACE LOCATION HOLLOMAN DATE 6/14/98

RE: Drawing No. NA Title
Spec No. NA Title
Other

1. Description (Items involved. Submit sketch if applicable)
The Lagoon haul road and a portion of the reuse area will be revegetated.

2. Reasons for Change (If from disposition of nonconformance report, list report number)
Vegetation was disturbed on the haul road and at the reuse area during Lagoon RA activities

3. Recommended Disposition (Minor Change) Major Change
Revegetate the haul road and a portion of the reuse area

Project Engineer (Signature) FWENC	Date	Project Subt. Concurrence (Signature)	Date
[signature]	6/18/98		

4. Disposition
NOT APPROVED (Give Reason)

CONSIDERED MINOR CHANGE - Approved per Recommended Disposition-Design documents will not be normally revised; field to maintain as-built records

CONSIDERED MAJOR CHANGE - Action will be taken as prescribed on DCN -

Lead Discipline Engineer or Designee (Signature)	Date	Project Engineer or Designee USACE	Date
		[signature]	6/23/98

Project Engineer signs and returns to CDE for transmittal to Project Engineer with copies to:

Others as Required

Project Files

FIELD CHANGE REQUEST

PROJECT	PROJ. NO	FIELD CHANGE NO.
SEWAGE LAGOONS	5155 0015 0003 H0000	No. 11

TO: GEORGE FISH DEPT: USACE LOCATION: HOLLOMAN DATE: 11/2/98

RE: ☐ DRAWING NO. _____ TITLE _____

☐ SPEC NO. _____ TITLE _____

☒ OTHER _____

1. DESCRIPTION (items involved, submit sketch if applicable) The Pump House at the Sewage Lagoons has been certified as free of asbestos by the Air Force. Foster wheeler will demolish the pump house as follows: 1. Break up concrete in bottom of Pump House 2. Place one-inch rock to two feet above the groundwater table in bottom of Pump House 3. Demolish roof and sides & a portion of the demolished building will be recycled. The remainder will be taken to Cont. Landfill. 5. All structures will be removed to two feet below grade. 6. The area will be backfilled to 85% compaction to existing grade

2. REASONS FOR CHANGE (inform disposition of nonconformance report, list report number) Air Force request

3. RECOMMENDED DISPOSITION ☒ MINOR CHANGE ☐ MAJOR CHANGE

RESIDENT ENGINEER (Signature)	DATE	PROJECT SUPT. CONCURRENCE (Signature)	DATE
[signature]	11/1/98	[signature]	11/2/98

5. DISPOSITION

☐ NOT APPROVED (Give Reason)

☐ CONSIDERED MINOR CHANGE - Approved per Recommended Disposition - Design Documents will not be normally revised; field to maintain as-built records

☐ CONSIDERED MAJOR CHANGE - Action will be taken as prescribed on DCN -

LEAD DISCIPLINE ENGINEER OR DESIGNEE (Signature)	DATE	PROJECT ENGINEER OR DESIGNEE (Signature)	DATE

Project Engineer signs and returns to LDE for transmittal to Resident Engineer with copies to:

Project Manager _____ *Others as Required* _____

Project Supt _____

Project Files _____

APPENDIX D

MANUFACTURERS' CERTIFICATES

granite SEED

1697 West 2100 North
Lehi, Utah 84043
(801) 768-4422 / (801) 531-1456
Fax (801) 768-3967

PACKING SLIP

PACKING SLIP NUMBER: 106238

PROJECT: HOLLOMAN AFB MIX

SOLD TO: 11097
4600 ROCKY MOUNTAIN RECLAMATION
P.O. BOX 1870
LARAMIE, WYOMING 82073

SHIP TO:
ROCKY MOUNTAIN RECLAMATION
C/O FOSTER WHEELER ENVIRONMENT
201 ARKANSAS ST. BEHIND RV STO
HOLLOMAN AFB, NM 88330

ACCOUNTING CODE:	CUSTOMER P.O.#:	ORDERED BY:	PHONE NO.:
		RON	(307)745-5235

TERMS:	SHIPPER:	PREPAID/COLLECT:	FOB:	SALESMAN:	DATE SHIPPED:
NET 30	ABF	PREPAID	DESTINATION	DON	06/09/98

PLS/ BULK	QUANTITY ORDERED	QUANTITY SHIPPED	DESCRIPTION	
*** MIX # 22463 ***				
P	390.00000	390.00000	SPOROBOLUS AIROIDES	ALKALI SACATON
P	65.00000	65.00000	SPOROBOLUS CRYPTANDRUS	SAND DROPSEED
P	260.00000	260.00000	SPOROBOLUS GIGANTEUS	GIANT DROPSEED
*** MIX # SEPARATES ***				
P	260.00000	260.00000	ATRIPLEX CANESCENS	FOURWING SALTBUSH

NOTE: 1 OF 2

Received By: _____ Date: ___/___/___

PACKING SLIP

Invoice will be sent to the SOLD TO address listed above.

Please read the reverse side of this form carefully. *The terms and conditions of sale set forth on both sides of this form constitute the entire agreement between Seller and Buyer. All purchases of products by Buyer shall be governed and subject to the terms and conditions of sale set forth on the reverse side hereof, as in effect from time to time, and nothing contained in any product order of Buyer shall in any way modify such terms and conditions of sale or add any additional terms and conditions unless agreed upon in writing by a corporate officer of Granite Seed. Any additional or inconsistent terms and conditions of any product order of Buyer shall be deemed stricken from such order and each product order shall be deemed to incorporate all of these terms and conditions of sale. Acceptance by Buyer of these terms and conditions is acknowledged by either (1) Buyer's signature set forth herein, or (2) receipt by Buyer of delivery of the products described herein and failure by Buyer to return such products within five (5) days following such delivery.*

Oklahoma Cooperative Extension Service
Division of Agricultural Sciences and Natural Resources
Oklahoma State University

Comanche County OSU Extension Center • 315 SW 5th Street, Room 207
Lawton, Oklahoma 73501-4332 • (405) 355-1176

JUNE 1,1998

To Whom It May Concern:

Hay that has been bailed on the Ft. Sill Military Reservation has no noxious weeds as per Limitations on Noxious Weed Seeds guidelines set by the Oklahoma Department of Agriculture.

Sincerely,

Jim Coe

Jim Coe
County Extension Ag. Agent & CED
Comanche County

FROM:
Granite Seed Company 1697 W. 2100 N.
Lehi, UT 84043

MIX #: 22463

HOLLOMAN AFB MIX ** 8 ACRE BAS

% PURE			GERM	DORM OR + HARD	ORIGIN
7.31	SAND DROPSEED	VNS	98.00	+ 0.00 -	TX
43.39	GIANT DROPSEED	VNS	4.00	+62.00 -	NM
48.27	ALKALI SACATON	VNS	5.00	+84.00 -	NM

0.13 Other Crop
0.79 Inert Matter
0.11 Weed Seed
NET WEIGHT: 55.86 LBS. BULK
44.00 LBS. PLS

Date Tested: 01/09/98
Restricted Weed: None
% Hard Seed: 67.93

GUARANTEE: Granite Seed guarantees its seed to be of promised quality and true to name as specified. Should seed prove to be other than labeled, liability shall be limited to replacement or refund of purchase price.

SHIP TO:
ROCKY MOUNTAIN RECLAMATION
C/O FOSTER WHEELER ENVIRONMENT
241 ARKANSAS ST.
BEHIND RV STORAGE
HOLLOMAN AFB, NM 88330

APPENDIX E

GEOTECHNICAL AND CONCRETE TEST RESULTS

FIELD DENSITY TEST RESULTS

AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

AGRA Earth &
Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel. (915) 585-2472
Fax: (915) 585-2626

September 24, 1997
AEE Job No. 7719-000161

Mr. Dan Holmquist
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

★Revised★

FIELD DENSITY TESTS
(ASTM D2922)

Project: **Lagoon IRA**
Holloman AFB, NM

Test Date: August 20, 1997

Lab #15916: Proctor 119.8 @ 7.8% (ASTM D698) Soil Classification: ASTM D2487-SM

Nuclear Gauge number #15763 Troxler

NORTHEAST PARKING

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Compaction	% Compaction Required
1	Lagoon B, Centerline, Existing Subgrade (ESG).	14.1	96.1	119.8	80	N/A
2	Lagoon B, Centerline, ESG.	13.3	101.8	119.8	85	N/A
3	Lagoon A, Centerline, ESG.	10.8	99.0	119.8	83	N/A
4	Lagoon A, Centerline, ESG.	11.6	98.2	119.8	82	N/A

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

AGRA
Earth & Environmental

BILLED
AUG 22 1997
P.R.

AGRA Earth & Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel. (915) 585-2472
FAX (915) 585-2626

FIELD DENSITY TEST
(Nuclear Method)

Job No. 7719-008161
Project Sewage Lagoons Final Closure
Client Foster Wheeler
Contractor Semi
A/E

Machine No. Troxler 15763
Date Tested 9-20-97 A.M. P.M.
Tested By Ramon
To be used for Temporary Cover

AGRA E & E
EL PASO, TX.

Test No.	1	2	3	4				
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	109.7	115.3	109.2	109.5				
6) Moisture (PCF)	13.6	13.5	10.7	11.3				
7) Dry Density (5 ÷ 6) (PCF)	96.1	101.8	99.2	98.2				
8) Max. Dry Density	119.8							
9) % Compaction (7 ÷ 8)	80	85	83	82				
10) % Compaction Req'd	NO SPEC							
11) % Moisture (6 ÷ 7)	14.1	13.3	10.8	11.6				
Location/Elevation	Lagoon B.	Lagoon B.	Lagoon A Center	Lagoon A Center				

Lab No. 15916
PCF max 119.8
Opt. Moisture 7.5 %
Lab No.
PCF max
Opt. Moisture %
Lab No.
PCF max
Opt. Moisture %

Standard Count:

	Cali.	Field
12) Dens.		
13) Mois.		

ESG

Depth

AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

AGRA Earth &
Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel: (915) 585-2472
Fax: (915) 585-2626

September 24, 1997
AEE Job No. 7719-000161

Mr. Dan Holmquist
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

★Revised★

FIELD DENSITY TESTS
(ASTM D2922)

Project: **Lagoon IRA**
Holloman AFB, NM

Test Date: August 25, 1997

Lab #15915: Proctor 121.9 @ 6.8% (ASTM D698) Soil Classification: ASTM D2487-SM

Nuclear Gauge number #15763 Troxler

LAGOON C

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Compaction	% Compaction Required
5	100'S of North Slope, 500'W of East Slope, Existing Subgrade.	9.5	103.6	121.9	85	N/A

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (2)

AGRA
Earth & Environmental

RUSH

AGRA Earth & Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel. (915) 585-2472
FAX (915) 585-2626

4 1997
E&E
TX

FIELD DENSITY TEST
(Nuclear Method)

Job No. 7719-000-161
Project Lagoon Final Closure
Client Foster Wheeler
Contractor Same
A/E

Machine No. Troxler 15763
Date Tested 9-25-97 A.M. P.M.
Tested By Ramon
To be used for Fill

Test No.	E	5						
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)				Actual	OVEN DRY			
5) Wet Density (PCF)	113.4	113.4		moisture				
6) Moisture (PCF)	16.0	9.8		1508.3				
7) Dry Density (5 ÷ 6) (PCF)	97.3	103.6		1377.5				
8) Max. Dry Density	121.9	121.9		130.4	9.5%			
9) % Compaction (7 ÷ 8)	80	85						
10) % Compaction Req'd	None Req.	N/A			Bias - moisture 7.0			
11) % Moisture (6 ÷ 7)	16.5	9.5						

Location/Elevation
Lab No. 15915
PCF max 121.9
Opt. Moisture 6.8 %
Lab No.
PCF max
Opt. Moisture %
Lab No.
PCF max
Opt. Moisture %

Standard Count:

	Cal.	Field
12) Dens.		
13) Mois.		

Lagoon C. 100' S. of N. Slope 300' W. of E. Slope

Lagoon C 100' S of N Slope 500' W of E. Slope

ESG.

BILLED
SEP 3 1997
P.R.

Depth = Temporary

AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

AGRA Earth &
Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel: (915) 585-2472
Fax: (915) 585-2626

September 24, 1997
AEE Job No. 7719-000161

Mr. Dan Holmquist
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

★Revised★

FIELD DENSITY TESTS
(ASTM D2922)

Project: **Lagoon IRA**
Holloman AFB, NM

Test Dates: August 27 & 28, 1997

Lab #15916: Proctor 119.8 @ 7.8% (ASTM D698) Soil Classification: ASTM D2487-SM
#15930: Proctor 105.6 @ 12.1% (ASTM D698) Soil Classification: ASTM D2487-ML
#15913: Proctor 113.8 @ 8.2% (ASTM D698)

Nuclear Gauge number #15763 Troxler

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Compaction	% Compaction Required
Test Date: August 27, 1997.						
ND-1	See Map.	7.8	106.8	113.8	94	85
ND-2	See Map.	7.4	100.3	113.8	88	85
ND-3	See Map.	8.3	103.3	113.8	91	85
ND-4	See Map.	8.2	115.2	119.8	96	85
ND-5	See Map.	6.7	96.5	105.6	91	85
ND-6	See Map.	5.4	95.9	105.6	91	85
ND-7	See Map.	7.5	101.5	105.6	96	85
ND-8	See Map.	5.8	101.9	105.6	96	85
ND-9	See Map.	8.9	101.6	105.6	96	85
Test Date: August 28,1 997.						
ND-10	See Map.	5.5	102.8	105.6	97	85
ND-11	See Map.	13.9	90.7	105.6	86	85
ND-12	See Map.	7.7	94.5	105.6	90	85
ND-13	See Map.	9.2	96.0	105.6	91	85
ND-14	See Map.	12.4	106.0	105.6	100	85

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Compaction	% Compaction Required
ND-15	See Map.	11.8	98.2	105.6	93	85
ND-16	See Map.	12.9	109.7	105.6	103	85
ND-17	See Map.	13.9	97.0	105.6	91	85
ND-18	See Map.	12.4	108.6	105.6	102	85
ND-19	See Map.	11.5	90.4	105.6	86	85

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

AGRA
Earth & Environmental

RUSH

AGRA Earth & Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel. (915) 585-2472
FAX (915) 585-2626

SEP 4 1997
AGRA E & E
EL PASO, TX.

FIELD DENSITY TEST
(Nuclear Method)

Job No. 7719000161
Project LAGOON IRA
Client FOSTER WHEELER
Contractor Same
A/E

Machine No. 15763
Date Tested 8-27-97 A.M. P.M.
Tested By Ramos
To be used for Lagoon fill

Test No.	ND-1	ND-2	ND-3	ND-4	ND-5	ND-6	ND-7	ND-8
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	115.1	107.7	111.9	124.6	103.0	101.1	109.1	107.8
6) Moisture (PCF)	8.3	7.4	8.6	9.4	6.5	5.2	7.6	5.9
7) Dry Density (5 ÷ 6) (PCF)	106.8	100.3	103.3	115.2	96.5	95.9	101.5	101.9
8) Max. Dry Density	113.8 ~~115.8~~	→	→	119.8	105.6	→	→	→
9) % Compaction (7 ÷ 8)	94	88	96	96	91	91	96	96
10) % Compaction Req'd	85	→	→	→	→	→	→	→
11) % Moisture (6 ÷ 7)	7.8	7.4	8.3	8.2	6.7	5.4	7.5	5.8

Location/Elevation
Lab No. 15916
PCF max 119.8
Opt. Moisture 7.5 %
Lab No. 15930
PCF max 105.6
Opt. Moisture 12.1 %
Lab No. 15913
PCF max 113.8
Opt. Moisture 8.2 %

BILLED
SEP 3 1997
P.R.

Standard Count:

	Cali.	Field
12) Dens.		
13) Mois.		

1ST LIFT →

Depth =

AGRA
Earth & Environmental

RUSH

AGRA Earth & Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel. (915) 585-2472
FAX (915) 585-2526

4 1997
AGRA E&E
EL PASO, TX

FIELD DENSITY TEST
(Nuclear Method)

Job No. 7719.000161
Project Lagoon IRA
Client Foster Wheeler
Contractor Same
A/E

Machine No. 15763
Date Tested 8-27-97 A.M. P.M.
Tested By Ramon
To be used for Fill for Lagoons

Test No.	ND-9							
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	110.6							
6) Moisture (PCF)	9.0							
7) Dry Density (5 ÷ 6) (PCF)	101.6							
8) Max. Dry Density	105.6							
9) % Compaction (7 ÷ 8)	96							
10) % Compaction Req'd	85							
11) % Moisture (6 ÷ 7)	8.9							
	1ST LIFT							

Location/Elevation
Lab No. 15930
PCF max 105.6
Opt. Moisture 12.1 %
Lab No.
PCF max
Opt. Moisture %
Lab No.
PCF max
Opt. Moisture %

Standard Count:

	Cali.	Field
12) Dens.		
13) Mois.		

Depth

BILLED
SEP 3 1997
P.R.

AGRA
Earth & Environmental

RUSH

AGRA Earth & Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel. (915) 585-2472
FAX (915) 585-2626

AGRA E & E EL PASO, TX 4 1997

FIELD DENSITY TEST
(Nuclear Method)

Job No. 771900061
Project Sewage header ~~Bent Street~~ 1 FKA
Client Foster Wheeler
Contractor Same
A/E

Machine No. Troxler 15763
Date Tested 8-28-97 A.M. P.M.
Tested By Ram
To be used for Fill

Test No.	ND-10	ND-11	ND 12	ND 13	ND 14	ND 15	ND 16	ND 17
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	108.4	103.4	101.8	104.6	119.2	109.8	123.4	110.5
6) Moisture (PCF)	5.7	12.6	7.3	8.8	13.2	11.6	14.1	13.5
7) Dry Density (5 ÷ 6) (PCF)	102.6	90.7	94.5	96.0	106.0	98.2	109.2	97.0
8) Max. Dry Density	105.6							
9) % Compaction (7 ÷ 8)	97	86	90	91	100	93	103	91
10) % Compaction Req'd	95%	→						
11) % Moisture (6 ÷ 7)	5.5	13.9	7.7	9.2	12.4	11.6	12.4	13.9
	1ST LIFT	→						

Location/Elevation
Lab No. 15920
PCF max 105.6
Opt. Moisture 12.1 %
Lab No.
PCF max
Opt. Moisture %
Lab No.
PCF max
Opt. Moisture %

Standard Count:

	Cal.	Field
12) Dens.		
13) Mois.		

Depth

BILLED SEP 3 1997 P.R.

AGRA
Earth & Environmental

RUSH

AGRA Earth & Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel. (915) 585-2472
FAX (915) 585-2626

FIELD DENSITY TEST
(Nuclear Method)

Job No. 7719000161
Project ~~Sunset~~ Lagoon ~~Front Pasture~~ Inc
Client Foster Wheeler
Contractor Sand
A/E

Machine No. Troxler 15763
Date Tested 8-28-97 A.M. P.M.
Tested By Ramon
To be used for Fill

Test No.	ND-18	ND-19						
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	122.0	100.6						
6) Moisture (PCF)	13.4	10.4						
7) Dry Density (5 ÷ 6) (PCF)	108.6	90.4						
8) Max. Dry Density	105.6							
9) % Compaction (7 ÷ 8)	102	86						
10) % Compaction Req'd	85							
11) % Moisture (6 ÷ 7)	12.4	11.5						

SEP 4 1997 AGRA E & E EL PASO, TX

Location/Elevation
Lab No. 15930
PCF max 105.6
Opt. Moisture 12.1 %
Lab No.
PCF max
Opt. Moisture %
Lab No.
PCF max
Opt. Moisture %

BILLED SEP 3 1997 P.R.

Standard Count:

	Cali.	Field
12) Dens.		
13) Mois.		

1ST LIFT

Depth =

AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

AGRA Earth &
Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel: (915) 585-2472
Fax: (915) 585-2626

September 26, 1997
AEE Job No. 7719-000161

Mr. Dan Holmquist
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

★Revised★

SAND CONE DENSITY TESTS
(ASTM D1556)

Project: **Lagoon IRA**
Holloman AFB, NM

Test Dates: August 27 & 28, 1997

Lab #15916: Proctor 119.8 @ 7.8% (ASTM D698) Soil Classification: ASTM D2487-SM
#15930: Proctor 105.6 @ 12.1% (ASTM D698) Soil Classification: ASTM D2487-ML

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Com-paction	% Com-paction Required
Test Date: August 27, 1997.						
SC-ND-4	See Map.	7.7	118.7	119.8	99	85
SC-ND-9	See Map.	6.8	103.8	105.6	98	85
Test Date: August 28, 1997.						
SC-ND-11	See Map.	4.7	96.3	105.6	93	85
SC-ND-17	See Map.	14.3	94.9	105.6	90	85

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

DENSITY OF SOIL IN PLACE BY THE SANDCONE METHOD D1556-64

RUSH

PROJECT Lagoon ~~Final Closure~~ Inn	JOB NO. 2219000161
LOCATION ~~Lagoon A~~ Sa Map	DATE 8-27
CLIENT Sams	CONTRACTOR Foster Wheeler
MATERIAL	DENSITY NO. [redacted] SC-ND-4

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand ~~[illegible]~~ lbs
   Yd = (3/4) 96.3

SURFACE CALIBRATION:

6. Initial Wt. 1891 lbs
7. Wt. After 14.90 lbs
8. Wt. of Sand Used (6-7) 4.01 lbs

SEP 4 1997

9. Initial Wt. 14.90 lbs
10. Wt. After 6.95 lbs
11. Wt. of Sand 7.95 lbs
12. Wt. of Sand Used (11-8) 3.94 lbs
13. Vol. of Hole (12/5) ~~[illegible]~~ .04091 lbs
    Lab No. 15916 lbs
    Max. Unit Wt. 119.8 lbs
    Opt. Moisture Content ~~[illegible]~~ 7.5 lbs

14. Sample Can No. _____ lbs
15. Wet Wt. of Soil + Tare 578 lbs
16. Wt. of Tare .55 lbs
17. Wet Wt. 5.23 lbs
18. Wet Density (17/13) ~~[illegible]~~ 127.8 lbs
19. Dry Density ~~[illegible]~~ 118.7 lbs
    Yd = 18/(24 + 100)

MOISTURE CONTENT:

20. Wet Wt. + Tare 1701.6 gm
21. Dry Wt. + Tare 1579.8 gm
22. Tare Wt. (#) _____ gm
23. Wt. of Water 121.8 gm
24. Moisture 7.7 %
25. % Compaction 99 %
26. % Compaction Required 85 %

REMARKS:

1st

BILLED SEP 3 1997 P.R.

TEST BY:

SERGENT, HAUSKINS & BECKWITH

RUSH

DENSITY OF SOIL IN PLACE BY THE SANDCONE METHOD D1556-64

PROJECT Lagoon ~~Final Closure~~	JOB NO. 7719000161
LOCATION ~~E. & W.~~ Sal Mag.	DATE 8-27-97
CLIENT Foster Wheeler	CONTRACTOR Foster Wheeler
MATERIAL	DENSITY NO. SC-ND-9

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand ~~95.6~~ lbs
   Yd = (3/4) 96.3

SURFACE CALIBRATION:

6. Initial Wt. 16.91 lbs
7. Wt. After 13.01 lbs
8. Wt. of Sand Used ~~6~~-7 3.90 lbs

SEP 4 1997 AGRA E & E El Paso, TX.

	Initial Wt. 13.01 lbs	14.	Sample Can No. 8.10 lbs
	Wt. After 2.55 lbs	15.	Wet Wt. of Soil + Tare .55 lbs
11.	Wt. of Sand 10.46 lbs	16.	Wt. of Tare 7.55 lbs
12.	Wt. of Sand Used (11-8) 6.36 lbs	17.	Wet Wt. 10.8 ~~10.77~~ lbs
13.	Vol. of Hole (12/5) 06812 ~~7009~~ lbs	18.	Wet Density (17/13) ~~100.7~~ lbs
	Lab No. 15930 lbs	19.	Dry Density Yd = 18/(24 + 100) 103.8 ~~100.8~~ lbs
	Max. Unit Wt. 105.6 lbs		
	Opt. Moisture Content 12.1 lbs		

MOISTURE CONTENT:

20. Wet Wt. + Tare 2072.8 gm
21. Dry Wt. + Tare 1940.8 gm
22. Tare Wt. (#) 132.2 gm
23. Wt. of Water _____ gm
24. Moisture 6.8 %
25. % Compaction 98 ~~95~~ %
26. % Compaction Required 95 %

REMARKS:

BILLED SEP 3 1997 P.R.

TEST BY:

DENSITY OF SOIL IN PLACE BY THE SANDCONE METHOD D1556-64

RUSH

PROJECT ~~[illegible]~~ Lagoon IRA	JOB NO. 7719000761
LOCATION See Map	DATE 8-28-97
CLIENT Foster Wheeler	CONTRACTOR Foster Wheeler
MATERIAL –	DENSITY NO. SC ND-11

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand 96.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 24.88 lbs
7. Wt. After 16.88 lbs
8. Wt. of Sand Used (6-7) 4.80 lbs

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9. Initial Wt. 16.88 lbs
   Wt. After 7.05 lbs
11. Wt. of Sand 9.83 lbs
12. Wt. of Sand Used (11-8) 5.63 lbs
13. Vol. of Hole (12/5) ~~[illegible]~~ .05846 lbs
    Lab No. 15930 lbs
    Max. Unit Wt. 105.6 lbs
    Opt. Moisture Content 12.1 lbs

14. Sample Can No. _____ lbs
15. Wet Wt. of Soil+ Tare 6.55 lbs
16. Wt. of Tare .54 lbs
17. Wet Wt. 6.01 lbs
18. Wet Density (17/13) ~~[illegible]~~ 102.8 lbs
19. Dry Density ~~[illegible]~~ 96.3 lbs
    Yd = 18/(24 + 100) ~~[illegible]~~

MOISTURE CONTENT:

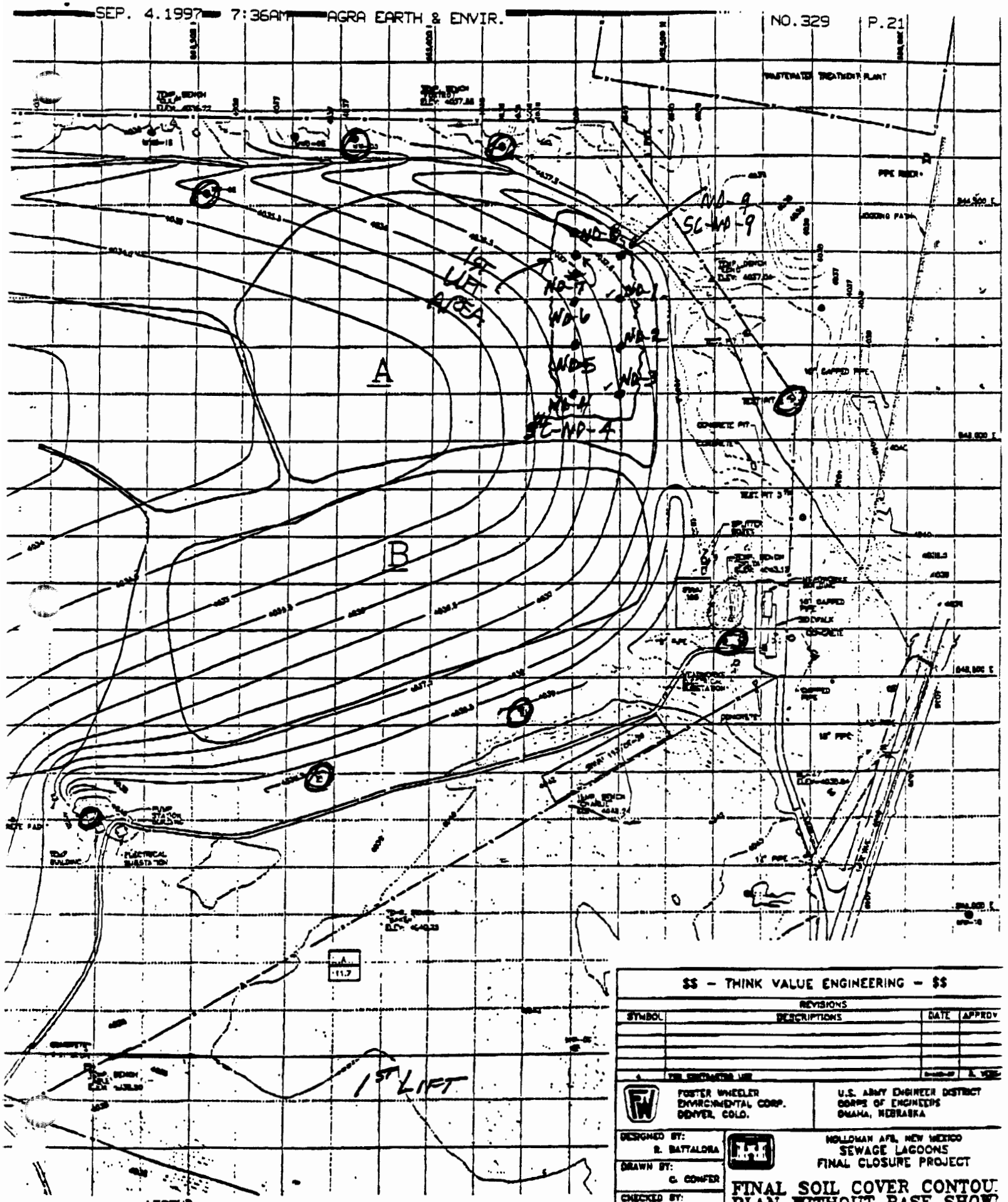
20. Wet Wt. + Tare 1169.4 gm
21. Dry Wt. + Tare 1116.5 gm
22. Tare Wt. (#) 529 gm
23. Wt. of Water _____ gm
24. Moisture 4.7 %
25. % Compaction 98 %
26. % Compaction Required 85 %

REMARKS:

BILLED SEP 3 1997 P.R.

TEST BY:

SERGENT, HAUSKINS & BECKWITH



LEGEND

$$ – THINK VALUE ENGINEERING – $$

REVISIONS

SYMBOL	DESCRIPTIONS	DATE	APPROV
4	FOR CONTRACTOR USE		

FOSTER WHEELER ENVIRONMENTAL CORP. DENVER, COLO.

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA

DESIGNED BY: R. BATTALORA

DRAWN BY: C. CONFER

CHECKED BY: R. BATTALORA

REVIEWED BY: R. VERSAW

SUBMITTED BY:

HOLLOMAN AFB, NEW MEXICO
SEWAGE LAGOONS
FINAL CLOSURE PROJECT

FINAL SOIL COVER CONTOU
PLAN WITHOUT BASE SHOW

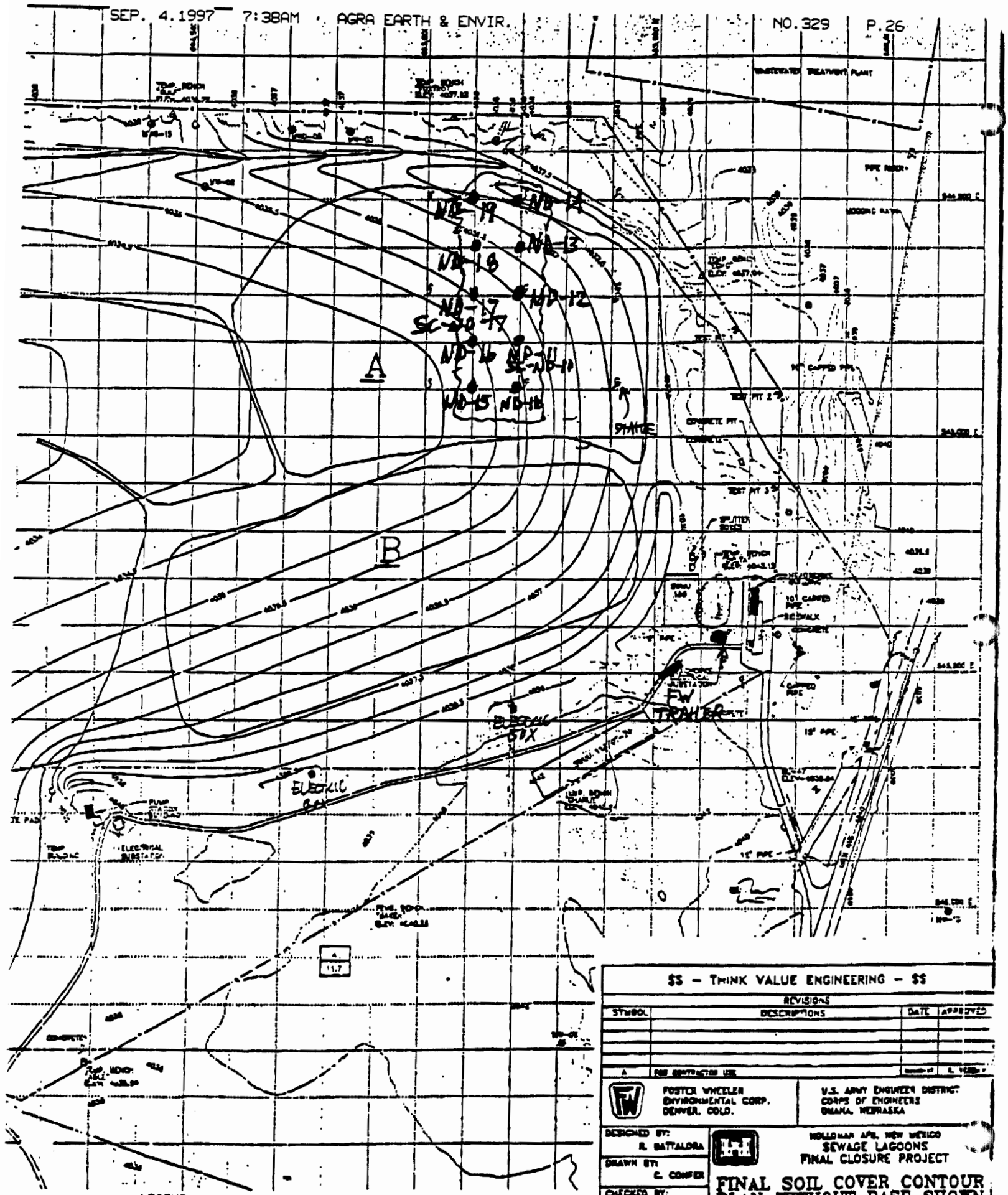
DESIGN FILE: 5508-10.DWG

DATE: 5-AUG-97

SHEET NUMBER: A

27AUG97

REVIS


WASTEWATER TREATMENT PLANT
PIPE RACK
MOORING RATIO
ND-19
ND-14
ND-13
ND-18
ND-12
ND-17
SC-ND-17
ND-16
ND-11
SC-ND-11
ND-15
ND-10
A
B
SHALE
CONCRETE PIT
TEST PIT 2
TEST PIT 3
SPLITTER BOXES
101 CAPPED PIPE
SIDEWALK
CONCRETE
CAPPED PIPE
15" PIPE
FW TRAILER
ELECTRIC BOX
ELECTRICAL SUBSTATION
PUMP STATION
TEMP BENCH
TEMP BENCH ELEV. 4037.52
TEMP BENCH ELEV. 4037.04
TEMP BENCH ELEV. 4043.13
TEMP BENCH ELEV. 4036.84
TEMP BENCH ELEV. 4036.84
TEMP BENCH ELEV. 4036.84

AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

AGRA Earth &
Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel: (915) 585-2472
Fax: (915) 585-2626

September 24, 1997
AEE Job No. 7719-000161

Mr. Dan Holmquist
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

★Revised★

FIELD DENSITY TESTS
(ASTM D2922)

Project: **Lagoon IRA**
Holloman AFB, NM

Test Dates: September 3 & 5, 1997

Lab #15916: Proctor 119.8 @ 7.8% (ASTM D698) Soil Classification: ASTM D2487-SM
#15935: Proctor 104.4 @ 12.4% (ASTM D698) Soil Classification: ASTM D2487-SM

Nuclear Gauge number #15763 Troxler

LAGOON A

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Compaction	% Compaction Required
Test Date: September 3, 1997.						
ND-20	See Map.	21.5	93.9	104.4	90	85
ND-21	See Map.	15.9	96.5	104.4	92	85
ND-22	See Map.	11.1	96.8	104.4	93	85
ND-23	See Map.	14.5	96.2	104.4	92	85
ND-24	See Map.	11.8	99.2	104.4	95	85
ND-25	See Map.	12.1	94.6	104.4	91	85
ND-26	See Map.	9.4	96.5	104.4	92	85
ND-27	See Map.	8.6	100.1	104.4	96	85
ND-28	See Map.	10.3	95.5	104.4	91	85
ND-29	See Map.	12.6	94.3	104.4	90	85
ND-30	See Map.	13.5	95.7	104.4	92	85
ND-31	See Map.	13.6	93.5	104.4	90	85
ND-32	See Map.	10.4	92.1	104.4	88	85
ND-33	See Map.	11.5	95.9	104.4	91	85

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Compaction	% Compaction Required
ND-34	See Map.	22.0	94.7	104.4	91	85
ND-35	See Map.	15.2	92.3	104.4	88	85
ND-36	See Map.	9.7	92.3	104.4	88	85
ND-37	See Map.	10.3	92.0	104.4	88	85
ND-38	See Map.	11.3	92.7	104.4	89	85
Test Date: September 5, 1997.						
ND-39	See Map.	12.9	101.2	119.8	85	85
ND-40	See Map.	12.4	106.9	104.4	102	85
ND-41	See Map.	9.2	100.6	104.4	96	85
ND-42	See Map.	10.0	98.0	104.4	94	85
ND-43	See Map.	7.1	97.3	104.4	93	85
ND-44	See Map.	7.3	103.5	104.4	99	85
ND-45	See Map.	9.4	117.8	119.8	98	85
ND-46	See Map.	8.3	100.3	104.4	96	85
ND-47	See Map.	5.2	102.4	104..4	98	85

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

AGRA Earth & Environmental
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AGRA Earth & Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
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FAX (915) 585-8526

SEP 3 P 12 1997 A & E EL PASO, TX.

FIELD DENSITY TEST
(Nuclear Method)

Job No. 7719-000-161
Project Jewelry Lagoon Final Closure
Client Foster Wheeler
Contractor Same
A/E

Machine No. Troxler 15763
Date Tested 9-3-97 A.M. P.M.
Tested By Ramon
To be used for

Test No.	ND-20	ND-21	ND-22	ND 23	ND 24	ND-25	ND 26	ND 27
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	114.1	111.6	107.5	110.1	112.9	106.4	105.6	108.7
Moisture (PCF)	20.2	15.3	10.7	13.9	11.6	12.5	9.1	8.6
7) Dry Density (5 ÷ 6) (PCF)	93.9	96.5	96.8	96.2	99	94.6	96.5	100.1
8) Max. Dry Density	104.4	→						→
9) % Compaction (7 ÷ 8)	90	92	93	92	94	91	92	96
10) % Compaction Req'd	85%	→						→
11) % Moisture (6 ÷ 7)	21.5	15.9	14.1	14.5	11.6	12.1	9.4	8.6

Location/Elevation
Lab No. 15935
PCF max 104.4
Opt. Moisture 12.4 %
Lab No.
PCF max
Opt. Moisture %
Lab No.
PCF max
Opt. Moisture %

Standard Count:

	Call.	Field
12) Dens.		
13) Mois.		

1421000 ft

BILLED SEP 8 1997 P.R.

1571.82 →

Depth = 10.8

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AGRA Earth & Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel. (915) 585-2472
FAX (915) 585-2626

FIELD DENSITY TEST
(Nuclear Method)

Job No. 7719-000-161
Project Sewage Lagoon Final Closure
Client Foster Wheeler
Contractor Same
A/E

Machine No. Troxler 15783
Date Tested 9-3-97 A.M. P.M.
Tested By [illegible]
To be used for Fill

Test No.	ND-28	ND-29	ND 30	ND 31	ND 32	ND 33	ND 34	ND-35
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	105.4	106.2	108.7	106.2	102.5	106.9	115.6	106.3
6) Moisture (PCF)	9.9	11.9	13.0	12.7	11.3	11.0	20.9	14.0
7) Dry Density (5 ÷ 6) (PCF)	95.5	94.3	95.7	93.5	92.1	95.9	94.7	~~106.3~~ 92.2
8) Max. Dry Density	104.4	→						→
9) % Compaction (7 ÷ 8)	91	90	~~96~~ 92	90	88	91	91	88
10) % Compaction Req'd	85	→						→
11) % Moisture (6 ÷ 7)	10.3	12.6	13.5	13.6	10.4	11.5	22.0	15.2

Location/Elevation
Lab No. 15935
PCF max 104.4
Opt. Moisture 12.4 %
Lab No.
PCF max
Opt. Moisture %
Lab No.
PCF max
Opt. Moisture %

Standard Count:

	Cali.	Field
12) Dens.		
13) Mois.		

Depth =

SEP 9 1997
AGRA E & E
EL PASO, TX.

BILLED
SEP 8 1997
P.R.

1572.6

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AGRA Earth & Environmental, Inc.
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El Paso, Texas 79932
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FAX (915) 585-2626

FIELD DENSITY TEST
(Nuclear Method)

Job No. 7719-000-161
Project Sewage lagoon Final Closure
Client Foster Wheeler
Contractor Same
A/E

Machine No. Troxler 15763
Date Tested 9-3-97 A.M. P.M.
Tested By Ramon
To be used for Fill

Test No.	ND-36	ND-37	ND 38					
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	101.3	101.5	103.2					
Moisture (PCF)	9.0	9.4	10.5					
7) Dry Density (5 ÷ 6) (PCF)	92.3	92.0	92.7					
8) Max. Dry Density	104.4							
9) % Compaction (7 ÷ 8)	88	88	89					
10) % Compaction Req'd	85%							
11) % Moisture (6 ÷ 7)	9.7	10.3	11.3					

SEP 9 1997
AGRA E & E
EL PASO, TX

Location/Elevation
Lab No. 15935
PCF max 104.4
Opt. Moisture 12.4 %
Lab No.
PCF max
Opt. Moisture %
Lab No.
PCF max
Opt. Moisture %

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SEP 8 1997
P.R.

Standard Count:

	Cali.	Field
12) Dens.		
13) Mois.		

Lagoon #

13+1 ft

Depth

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SEP 9 1997 AGRA E & E EL PASO, TX

FIELD DENSITY TEST
(Nuclear Method)

Job No. 221900016
Project Foster Sewage Lagoon Final Closure
Client Foster Wheeler
Contractor Same
A/E

Machine No. Troxler 15763
Date Tested 9-5-97 A.M. P.M.
Tested By Ramo
To be used for Fill

Test No.	ND-39	ND-40	ND 41	ND 42	ND 43	ND 44	ND 45	ND 46
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	114.3	120.2	109.9	107.9	104.4	110.8	128.9	108.6
6) Moisture (PCF)	13.1	13.3	9.3	9.6	7.1	7.3	11.1	8.3
7) Dry Density (5 ÷ 6) (PCF)	101.2	106.9	100.6	98.0	97.3	103.5	117.8	100.3
8) Max. Dry Density 119.8	~~104.4~~	104.4	104.4	→		→	119.8	104.4
9) % Compaction (7 ÷ 8)	85	102	96	94	93	99	98	96
10) % Compaction Req'd	85							
11) % Moisture (6 ÷ 7)	12.9	12.4	9.2	10.0	7.3	7.1	9.4	8.3

Location/Elevation
Lab No. 15935
PCF max 104.4
Opt. Moisture 12.4 %
Lab No. 15916
PCF max 119.8
Opt. Moisture 7.5 %
Lab No.
PCF max
Opt. Moisture %

Standard Count:

	Cali.	Field
12) Dens.		
13) Mois.		

Scarified Mixed Lagoon A

2nd

BILLED
8 1997
P.R.

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AGRA Earth & Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel. (915) 585-2472
FAX (915) 585-2626

FIELD DENSITY TEST
(Nuclear Method)

Job No. 2219000161
Project Sewage Lagoon Final Closure
Client Foster Wheeler
Contractor Same
A/E

Machine No. Troxler 15763
Date Tested 9-5-97 A.M. P.M.
Tested By Ramm
To be used for Fill

Test No.	ND-47							
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	107.6							
Moisture (PCF)	5.2							
7) Dry Density (5 ÷ 6) (PCF)	102.4							
8) Max. Dry Density	104.4							
9) % Compaction (7 ÷ 8)	98							
10) % Compaction Req'd	85%							
11) % Moisture (6 ÷ 7)	5.2							

SEP 9 1997
AGRA E & E
EL PASO, TX.

Location/Elevation
Lab No. 15935
PCF max 104.4
Opt. Moisture 12.4 %
Lab No.
PCF max
Opt. Moisture %
Lab No.
PCF max
Opt. Moisture %

Lagoon A
See Attached MAP

BILLED
8 1997
P.R.

Standard Count:

	Call.	Field
12) Dens.		
13) Mois.		

Depth =

AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

AGRA Earth &
Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel: (915) 585-2472
Fax: (915) 585-2626

September 26, 1997
AEE Job No. 7719-000161

Mr. Dan Holmquist
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

★Revised★

SAND CONE DENSITY TESTS
(ASTM D1556)

Project: **Lagoon IRA**
Holloman AFB, NM

Test Dates: September 3 & 5, 1997

Lab #15935: Proctor 104.4 @ 12.4% (ASTM D698) Soil Classification: ASTM D2487-SM

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Com-paction	% Com-paction Required
Test Date: September 3, 1997.						
SC-ND-24	See Map.	6.0	97.1	104.4	93	85
SC-ND-29	See Map.	5.4	97.5	104.4	93	85
SC-ND-32	See Map.	4.6	90.5	104.4	87	85
Test Date: September 5, 1997.						
SC-ND-39	See Map.	10.0	105.0	104.4	88	85
SC-ND-43	See Map.	4.6	98.9	104.4	95	85
SC-ND-47	See Map.	4.5	103.4	104.4	99	85

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

RUSH

DENSITY OF SOIL IN PLACE BY THE SANDCONE METHOD D1556-64

PROJECT Lagoon IKA	JOB NO. 2219 00016/
LOCATION See Map	DATE 9-3-97
CLIENT Foster Wheeler	CONTRACTOR Same
MATERIAL Borrow/Fill	DENSITY NO. SC ND -24

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand 96.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 16.70 lbs
7. Wt. After 12.90 lbs
8. Wt. of Sand Used (6-7) 3.80 lbs

SEP 9 1997
AGRA E & E
EL PASO, TX.

9. Initial Wt. ~~12.90~~ 15.20 lbs
10. Wt. After 6.48 lbs
11. Wt. of Sand 8.72 lbs
12. Wt. of Sand Used (11-8) 4.92 lbs
13. Vol. of Hole (12/5) .05109 lbs

Lab No. 15935 lbs

Max. Unit Wt. 104.4 lbs

Opt. Moisture Content 12.4 lbs

14. Sample Can No. _____ lbs
15. Wet Wt. of Soil + Tare 5.80 lbs
16. Wt. of Tare .57 lbs
17. Wet Wt. 5.24 lbs
18. Wet Density (17/13) 102.0 lbs
19. Dry Density 97.1 lbs
    Yd = 18/(24 + 100)

MOISTURE CONTENT:

20. Wet Wt. + Tare 705.7 gm
21. Dry Wt. + Tare 665.6 gm
22. Tare Wt. (#) _____ gm
23. Wt. of Water 40.1 gm
24. Moisture 6.0 %
25. % Compaction 93 %
26. % Compaction Required 85 %

REMARKS:

BILLED
SEP 8 1997
P.R.

TEST BY:

SERGENT, HAUSKINS & BECKWITH

DENSITY OF SOIL IN PLACE BY THE SANDCONE METHOD D1556-64

RUSH

PROJECT Lagoon IRA	JOB NO. 2217000161
LOCATION See Map	DATE 9-3-97
CLIENT Foster Wheeler	CONTRACTOR Sgm
MATERIAL Borrow/Fill	DENSITY NO. BC ND -29

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand 94.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 20.12 lbs
7. Wt. After 16.22 lbs
8. Wt. of Sand Used (6-7) 3.90 lbs

SEP 9 1997 AGRA E & E EL PASO, TX

9. Initial Wt. 16.22 lbs
   Wt. After 7.25 lbs
11. Wt. of Sand 9.97 lbs
12. Wt. of Sand Used (11-8) 507 lbs
13. Vol. of Hole (12/5) 105245 lbs
    Lab No. 15935 lbs
    Max. Unit Wt. 109.4 lbs
    Opt. Moisture Content 12.4 lbs

14. Sample Can No. _____ lbs
15. Wet Wt. of Soil + Tare 5.96 lbs
16. Wt. of Tare .55 lbs
17. Wet Wt. 5.41 lbs
18. Wet Density (17/13) 102.8 lbs
19. Dry Density 97.5 lbs
    Yd = 18/(24 + 100)

MOISTURE CONTENT:

20. Wet Wt. + Tare 649.1 gm
21. Dry Wt. + Tare 615.0 gm
22. Tare Wt. (#) _____ gm
23. Wt. of Water 33.1 gm
24. Moisture 5.4 %
25. % Compaction 93 %
26. % Compaction Required 85 %

REMARKS:

BILLED SEP 8 1997 P.R.

TEST BY:

RUSH

DENSITY OF SOIL IN PLACE BY THE SANDCONE METHOD D1556-64

PROJECT Lagoon TR4	JOB NO. 2219000161
LOCATION See Map	DATE 9-3-97
CLIENT Foster Wheeler	CONTRACTOR Same
MATERIAL Borrow/Fill	DENSITY NO. SL ND-32

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand 96.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 20.17 lbs
7. Wt. After 16.28 lbs
8. Wt. of Sand Used (6-7) 3.89 lbs

SEP 9 1997
AGRA E & E
EL PASO, TX.

9. Initial Wt. 16.28 lbs
   Wt. After 6.48 lbs
11. Wt. of Sand 9.80 lbs
12. Wt. of Sand Used (11-8) 5.91 lbs
13. Vol. of Hole (12/5) .06137 lbs
    Lab No. 15935 lbs
    Max. Unit Wt. 104.4 lbs
    Opt. Moisture Content 12.4 lbs

14. Sample Can No. _____ lbs
15. Wet Wt. of Soil + Tare 6.36 lbs
16. Wt. of Tare .55 lbs
17. Wet Wt. 5.81 lbs
18. Wet Density (17/13) 94.7 lbs
19. Dry Density 90.5 lbs
    Yd = 18/(24 + 100)

MOISTURE CONTENT:

20. Wet Wt. + Tare 742.8 gm
21. Dry Wt. + Tare 710.2 gm
22. Tare Wt. (#) 32.6 gm
23. Wt. of Water _____ gm
24. Moisture 4.6 %
25. % Compaction 87 %
26. % Compaction Required 85 %

REMARKS:

BILLED
8 1997
P.R.

TEST BY:

SERGENT, HAUSKINS & BECKWITH

RUSH

DENSITY OF SOIL IN PLACE BY THE SANDCONE METHOD D1556-64

PROJECT Sewage Lagoon Final Closure	JOB NO. 7719000161
LOCATION Pond A	DATE 9-5-97
CLIENT Foster Wheeler	CONTRACTOR Sana
MATERIAL Red Sand w/ White Gyp. Mixture	DENSITY NO. BC ND 39

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand 96.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 16.72 lbs
7. Wt. After 12.84 lbs
8. Wt. of Sand Used (6-7) 3.88 lbs

SEP 9 1997
AGRA E & E
EL PASO, TX.

9. Initial Wt. 15.43 lbs
10. Wt. After 6.93 lbs
11. Wt. of Sand 8.50 lbs
12. Wt. of Sand Used (11-8) 4.62 lbs
13. Vol. of Hole (12/5) 104.92 lbs

Lab No. 15935 ~~[illegible]~~ lbs

Max. Unit Wt. 104.4 ~~[illegible]~~ lbs

Opt. Moisture Content 12.4 lbs

14. Sample Can No. 6.10 lbs
15. Wet Wt. of Soil + Tare .56 lbs
16. Wt. of Tare 5.54 lbs
17. Wet Wt. _____ lbs
18. Wet Density (17/13) 115.5 lbs
19. Dry Density 105.0 lbs
    Yd = 18/(24 + 100)

MOISTURE CONTENT:

20. Wet Wt. + Tare 639.3 gm
21. Dry Wt. + Tare ~~611.3~~ 581.4 gm
22. Tare Wt. (#) 57.9 gm
23. Wt. of Water ~~28.0~~ gm
24. Moisture 10.0 %
25. % Compaction ~~[illegible]~~ 88 %
26. % Compaction Required 85 %

REMARKS:

BILLED
SEP - 8 1997
P.R.

TEST BY:

DENSITY OF SOIL IN PLACE BY THE SANDCONE METHOD D1556-64

RUSH

PROJECT Sewage Lagoon Final Closure	JOB NO. 221900016
LOCATION Pond A	DATE 9-5-97
CLIENT Foster Wheeler	CONTRACTOR Foster Wheeler
MATERIAL Red Sand - W/ Gup. Mixture	DENSITY NO. SCND-43

SAND CALIBRATION:

1. Wt. of Sand + Apparatus ____ lbs
2. Wt of Apparatus ____ lbs
3. Wt. of Sand (1-2) ____ lbs
4. Vol. of Apparatus 0 lbs
5. Unit Wt. of Sand 96.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 16.64 lbs
7. Wt. After 12.59 lbs
8. Wt. of Sand Used (6-7) 4.05 lbs

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9. Initial Wt. 12.59 lbs
10. Wt. After 3.93 lbs
11. Wt. of Sand 8.66 lbs
12. Wt. of Sand Used (11-8) 4.61 lbs
13. Vol. of Hole (12/5) .04787 lbs
    Lab No. 15935 lbs
    Max. Unit Wt. 104.4 lbs
    Opt. Moisture Content 12.4 lbs

14. Sample Can No. 5.51 lbs
15. Wet Wt. of Soil + Tare .56 lbs
16. Wt. of Tare 4.95 lbs
17. Wet Wt. ____ lbs
18. Wet Density (17/13) 103.4 lbs
19. Dry Density 94.9 lbs
    Yd = 18/(24 + 100)

MOISTURE CONTENT:

20. Wet Wt. + Tare 514.9 gm
21. Dry Wt. + Tare 492.4 gm
22. Tare Wt. (#) ____ gm
23. Wt. of Water ____ gm
24. Moisture 4.6 %
25. % Compaction 95 %
26. % Compaction Required 85 %

REMARKS:

BILLED SEP - 8 1997 P.R.

TEST BY:

RUSH

DENSITY OF SOIL IN PLACE BY THE SANDCONE METHOD D1556-64

PROJECT Sewage Lagoon Final Closure	JOB NO. 2219000161
LOCATION Pond A	DATE 9-5-97
CLIENT Foster Wheeler	CONTRACTOR Sumo
MATERIAL Red Sand - White Gyp	DENSITY NO. SCND-47

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand 96.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 16.54 lbs
7. Wt. After 12.66 lbs
8. Wt. of Sand Used (6-7) 3.88 lbs

SEP 9 1997 AGRA E & E EL PASO, TX

9. Initial Wt. 12.66 lbs
10. Wt. After 4.55 lbs
11. Wt. of Sand 8.11 lbs
12. Wt. of Sand Used (11-8) 4.23 lbs
13. Vol. of Hole (12/5) 104.352 lbs
    Lab No. 15935 lbs
    Max. Unit Wt. 104.4 lbs
    Opt. Moisture Content 12.4 lbs

14. Sample Can No. _____ lbs
15. Wet Wt. of Soil + Tare 5.30 lbs
16. Wt. of Tare .55 lbs
17. Wet Wt. 4.75 lbs
18. Wet Density (17/13) 108.1 lbs
19. Dry Density 103.4 lbs
    Yd = 18/(24 + 100)

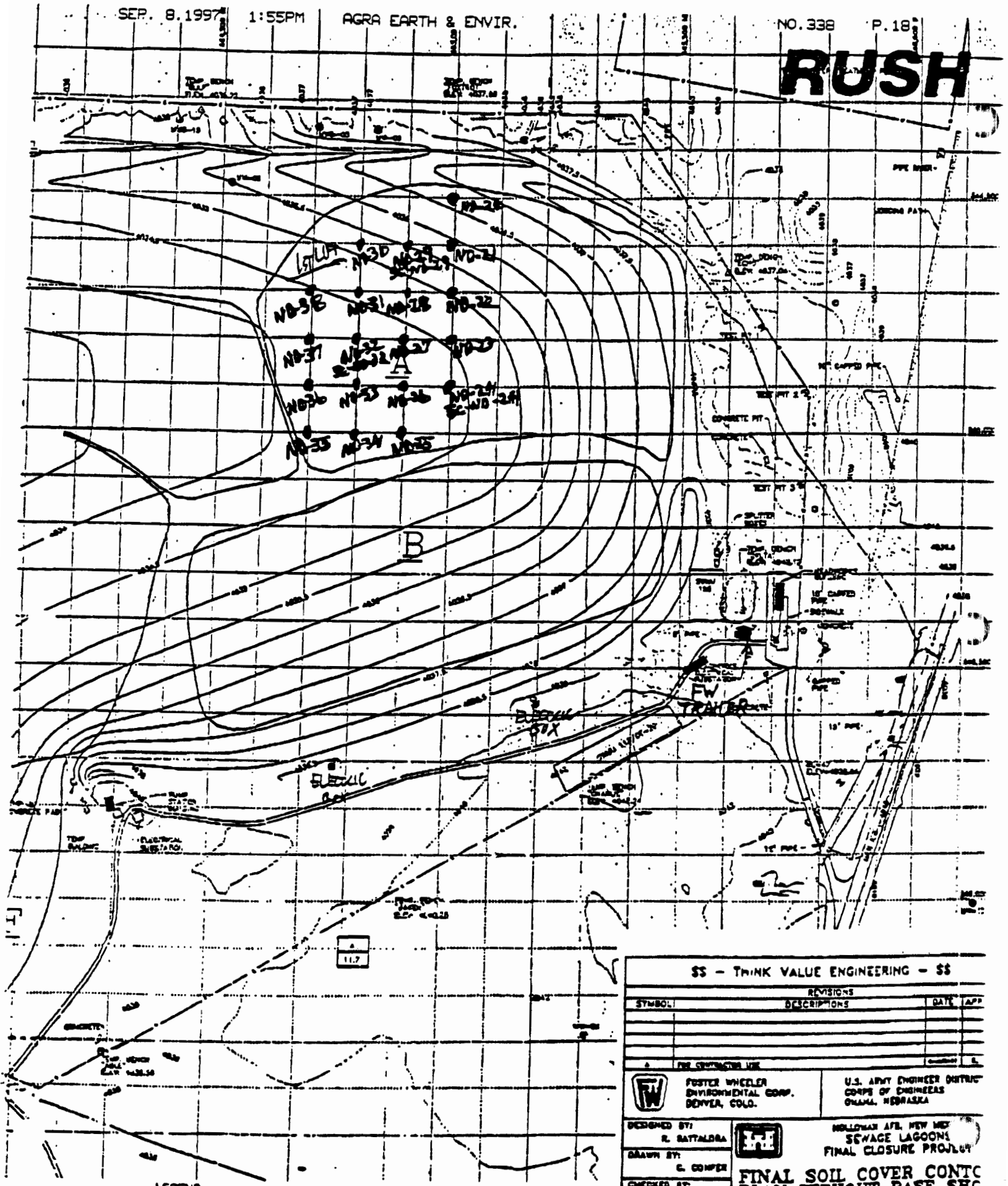
MOISTURE CONTENT:

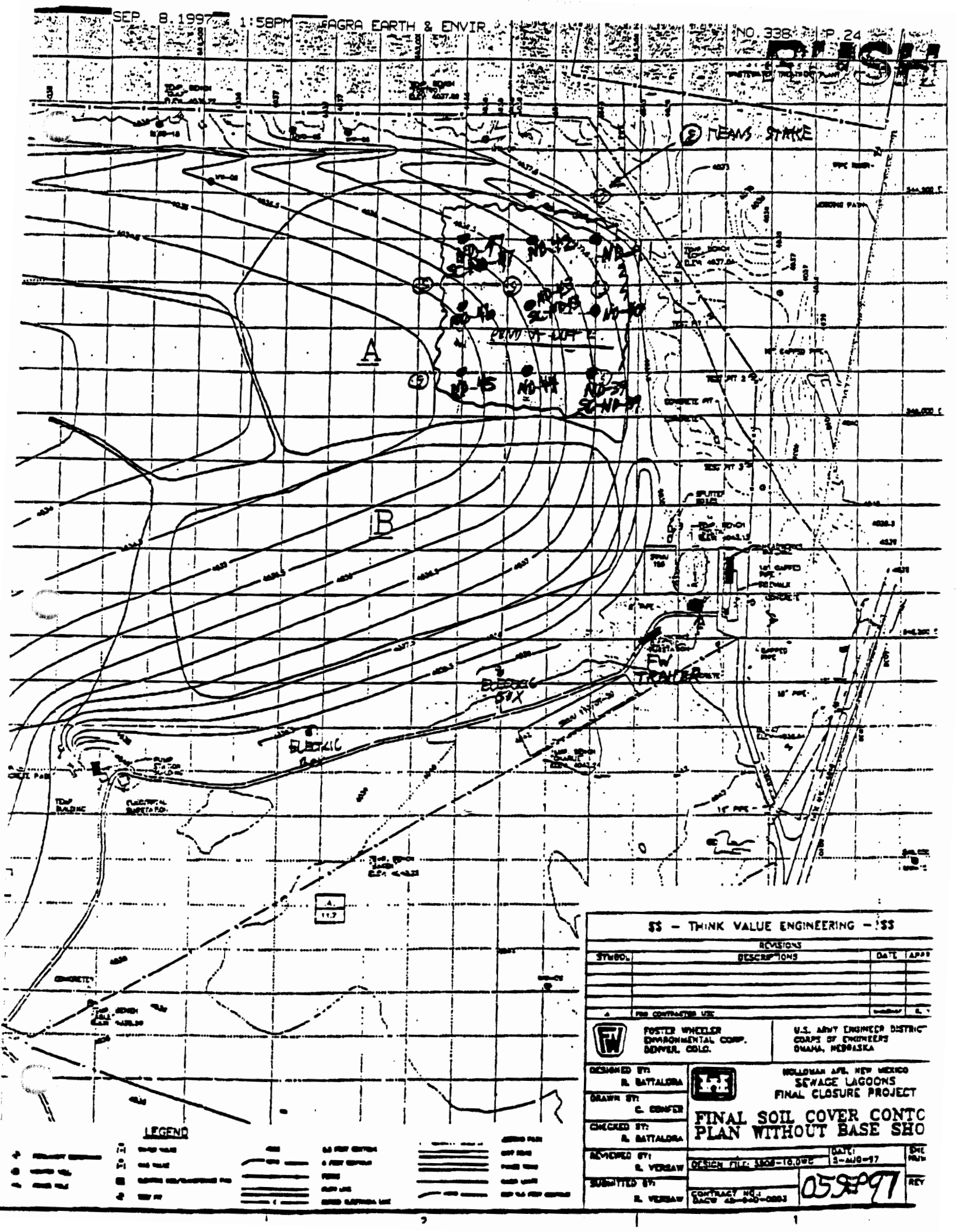
20. Wet Wt. + Tare 520.6 gm
21. Dry Wt. + Tare 494.1 gm
22. Tare Wt. (#) _____ gm
23. Wt. of Water 22.5 gm
24. Moisture 4.5 %
25. % Compaction 99 %
26. % Compaction Required 85 %

REMARKS:

BILLED SEP - 8 1997 P.R.

TEST BY: _____


RUSH
A
B
FW TRAILER
ELECTRIC BOX
LEGEND
$$ - THINK VALUE ENGINEERING - $$
REVISIONS
SYMBOL
DESCRIPTIONS
DATE
FOR CONTRACTOR USE
FOSTER WHEELER ENVIRONMENTAL CORP. DENVER, COLO.
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
DESIGNED BY: R. BATTALORA
DRAWN BY: C. COMPER
CHECKED BY: R. BATTALORA
REVIEWED BY: R. VERSAW
SUBMITTED BY: R. VERSAW
HOLLOMAN AFB, NEW MEX
SEWAGE LAGOONS
FINAL CLOSURE PROJECT
FINAL SOIL COVER CONTC
PLAN WITHOUT BASE SHC
DESIGN FILE: 3308-10.DWG
DATE: 3-AUG-97
CONTRACT NO.: DACW 48-94D-0003
03SEP97


MEANS STAKE
A
B
FW TRAILER
ELECTRIC BOX
LEGEND
$$ - THINK VALUE ENGINEERING - $$
REVISIONS
SYMBOL
DESCRIPTIONS
DATE
APPR
FOR CONTRACTOR USE
FOSTER WHEELER ENVIRONMENTAL CORP. DENVER, COLO.
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
DESIGNED BY: R. BATTALORA
DRAWN BY: C. CONFER
CHECKED BY: R. BATTALORA
REVIEWED BY: R. VERSAW
SUBMITTED BY: R. VERSAW
HOLLOMAN AFB, NEW MEXICO
SEWAGE LAGOONS
FINAL CLOSURE PROJECT
FINAL SOIL COVER CONTC
PLAN WITHOUT BASE SHO
DESIGN FILE: 5808-10.DWG
DATE: 5-AUG-97
CONTRACT NO.: DACW 45-040-0003
05SEP97

AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

AGRA Earth &
Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel: (915) 585-2472
Fax: (915) 585-2626

September 25, 1997
AEE Job No. 7719-000161

Mr. Dan Holmquist
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

★Revised★

FIELD DENSITY TESTS
(ASTM D2922)

Project: **Lagoon IRA**
Holloman AFB, NM

Test Dates: September 9, 1997

Lab #15937: Proctor 103.7 @ 13.0% (ASTM D698) Soil Classification: ASTM D2487-SM

Nuclear Gauge number #15763

LAGOON A

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Compaction	% Compaction Required
Test Date: September 3, 1997.						
ND-48	See Map.	9.4	105.1	103.7	101	85
ND-49	See Map.	8.3	99.1	103.7	96	85
ND-50	See Map.	10.9	95.8	103.7	92	85
ND-51	See Map.	11.8	90.4	103.7	87	85
ND-52	See Map.	14.0	89.3	103.7	86	85
ND-53	See Map.	10.0	98.6	103.7	95	85
ND-54	See Map.	8.1	94.9	103.7	92	85
ND-55	See Map.	8.9	97.1	103.7	94	85
ND-56	See Map.	8.9	102.1	103.7	98	85

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

AGRA
Earth & Environmental

AGRA Earth & Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel. (915) 585-2472
FAX (915) 585-2626

RUSH

FIELD DENSITY TEST
(Nuclear Method)

Job No. 7719-000161
Project Sewage Lagoon Final Closure
Client Foster Wheeler
Contractor Same
A/E

Machine No. Troxler 15763
Date Tested 9-9-97 A.M. P.M.
Tested By Ramon
To be used for Fill

Test No.	ND-48	ND-49	ND-50	ND-51	ND-52	ND-53	ND-54	ND-55
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	115.0	107.3	106.2	101.0	101.8	106.4	102.6	105.7
6) Moisture (PCF)	9.9	8.2	10.4	10.6	12.5	9.8	7.7	8.6
7) Dry Density (5 ÷ 6) (PCF)	105.1	99.1	95.8	90.4	89.3	96.6	94.9	97.1
8) Max. Dry Density	103.7	→						→
9) % Compaction (7 ÷ 8)	101	96	92	87	86	95	92	94
10) % Compaction Req'd	85%	→						→
11) % Moisture (6 ÷ 7)	9.4	8.3	10.9	11.8	14.0	10.0	8.1	8.9

Location/Elevation
Lab No. 15937
PCF max 103.7
Opt. Moisture 13.0 %
Lab No.
PCF max
Opt. Moisture %
Lab No.
PCF max
Opt. Moisture %

Lagoon Pond A

ndard Count:

	Call.	Field
12) Dens.		
13) Mois.		

2nd Lift

BILLED
SEP 10 1997
P.R.

Depth =

AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

AGRA Earth &
Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel: (915) 585-2472
Fax: (915) 585-2626

September 26, 1997
AEE Job No. 7719-000161

Mr. Dan Holmquist
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

★Revised★

SAND CONE DENSITY TESTS
(ASTM D1556)

Project: **Lagoon IRA**
Holloman AFB, NM

Test Date: September 9, 1997

Lab #15937: Proctor 103.7 @ 13.0% (ASTM D698) Soil Classification: ASTM D2487-SM

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Com-paction	% Com-paction Required
SC-ND-53	See Map.	4.4	99.6	103.7	96	85

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

RUSH

DENSITY OF SOIL IN PLACE
BY THE SANDCONE METHOD D1556-64

PROJECT Sewage Lagoon Final Closure	JOB NO. 7719-000161
LOCATION ~~[illegible]~~ See Map	DATE 9-9-97
CLIENT Foster Wheeler	CONTRACTOR Foster Wheeler
MATERIAL Fill Borrow Pit	DENSITY NO. SC-NB-53

SAND CALIBRATION:

1. Wt. of Sand + Apparatus ____ lbs
2. Wt of Apparatus ____ lbs
3. Wt. of Sand (1-2) ____ lbs
4. Vol. of Apparatus ____ lbs
5. Unit Wt. of Sand 96.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 16.97 lbs
7. Wt. After 12.95 lbs
8. Wt. of Sand Used (6-7) 4.02 lbs

12 1997 AGRA E & E EL PASO, TX.

9. Initial Wt. ~~12.95~~ 16.56 lbs
10. Wt. After 8.42 lbs
11. Wt. of Sand 8.14 lbs
12. Wt. of Sand Used (11-8) 4.12 lbs
13. Vol. of Hole (12/5) 104278 lbs
    Lab No. 15937 lbs
    Max. Unit Wt. 103.7 lbs
    Opt. Moisture Content 13 lbs

14. Sample Can No. ____ lbs
15. Wet Wt. of Soil + Tare 5.00 lbs
16. Wt. of Tare .55 lbs
17. Wet Wt. 4.45 lbs
18. Wet Density (17/13) 104.0 lbs
19. Dry Density 99.6 lbs
    Yd = 18/(24 + 100)

MOISTURE CONTENT:

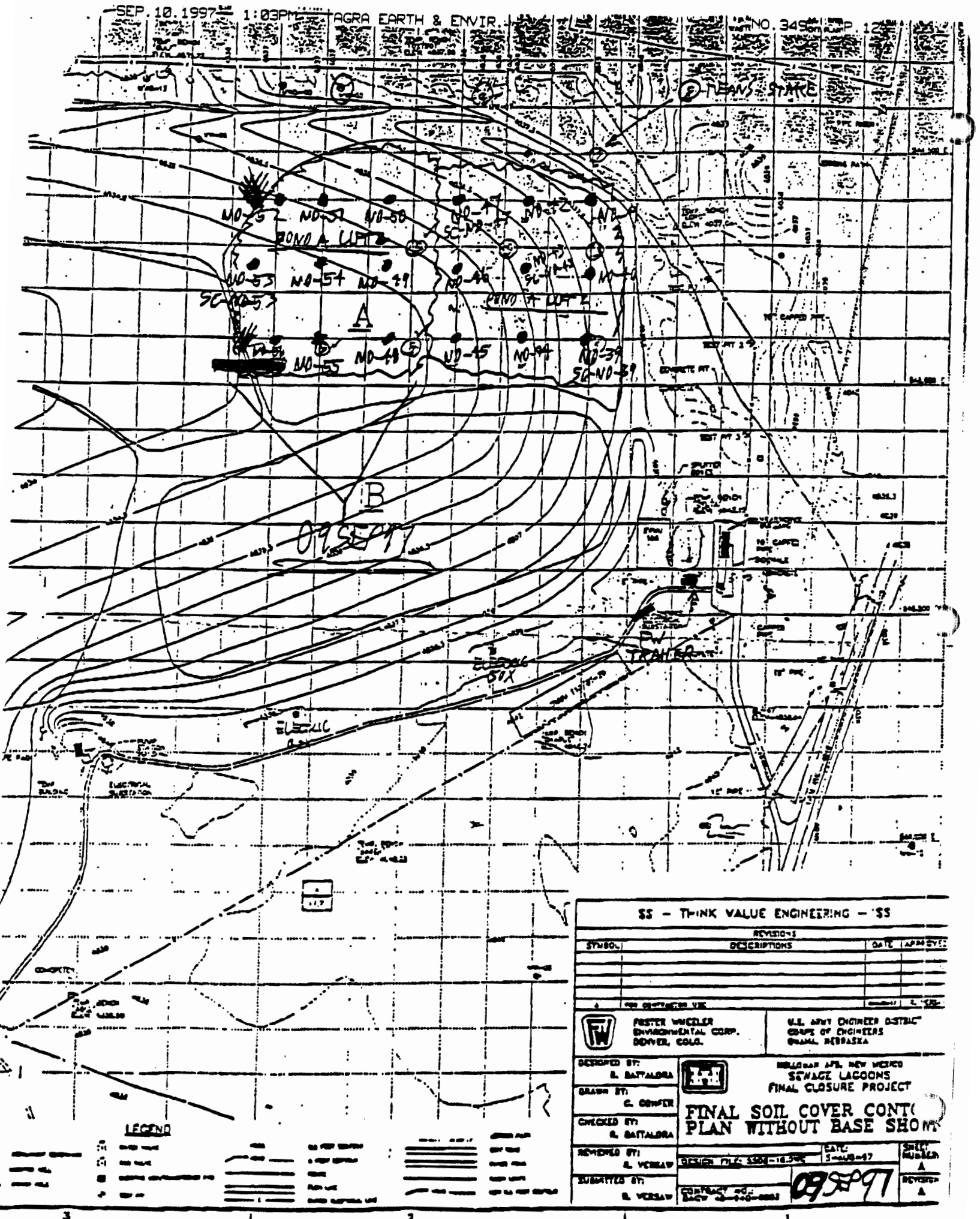
20. Wet Wt. + Tare 925.3 gm
21. Dry Wt. + Tare 886.0 gm
22. Tare Wt. (#) ____ gm
23. Wt. of Water 39.3 gm
24. Moisture 4.4 %
25. % Compaction 96 %
26. % Compaction Required 85 %

REMARKS:

BILLED SEP 10 1997 P.R.

TEST BY:

SERGENT HAUSKINS & BECKWI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NO-52
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SC-NO-53
A
NO-55
NO-48
NO-45
NO-44
NO-39
SC-NO-39
B
09 SEP 97
FW TRAILER
ELECTRIC BOX
ELECTRICAL SUBSTATION
LEGEND
SS - THINK VALUE ENGINEERING - SS
REVISIONS
SYMBOL
DESCRIPTIONS
DATE
APPROVED
FOR CONTRACTOR USE
FOSTER WHEELER ENVIRONMENTAL CORP. DENVER, COLO.
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
DESIGNED BY: R. BATTALORA
DRAWN BY: C. CONFER
CHECKED BY: R. BATTALORA
REVIEWED BY: R. VERSAW
SUBMITTED BY: R. VERSAW
HOLLOMAN AFB, NEW MEXICO
SEWAGE LAGOONS
FINAL CLOSURE PROJECT
FINAL SOIL COVER CONT
PLAN WITHOUT BASE SHOW
DESIGN FILE: 5506-16.DWG
DATE: 5-AUG-97
SHEET NUMBER A
CONTRACT NO.: BACW 45-940-0003
09 SEP 97
REVISION A
3
2
1

AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

AGRA Earth &
Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel: (915) 585-2472
Fax: (915) 585-2626

September 25, 1997
AEE Job No. 7719-000161

Mr. Richard Petty
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

★Revised★

FIELD DENSITY TESTS
(ASTM D2922)

Project: **Lagoon IRA**
Holloman AFB, NM

Test Dates: September 12, 1997

Lab #15916: Proctor 119.8 @ 7.8% (ASTM D698) Soil Classification: ASTM D2487-SM
#15941: Proctor 108.7 @ 11.6% (ASTM D698) Soil Classification: ASTM D2487-SM

Nuclear Gauge number #15763 Troxler

LAGOON A

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Compaction	% Compaction Required
Test Date: September 3, 1997.						
ND-57	See Map.	7.5	109.9	119.8	92	85
ND-58	See Map.	7.9	114.6	119.8	96	85
ND-59	See Map.	7.3	110.3	119.8	92	85
ND-60	See Map.	10.0	100.1	108.7	92	85
ND-61	See Map.	7.3	100.9	108.7	93	85
ND-62	See Map.	7.3	107.1	108.7	99	85
ND-63	See Map.	7.2	108.4	108.7	99	85
ND-64	See Map.	7.3	110.2	108.7	101	85
ND-65	See Map.	6.9	107.9	108.7	99	85
ND-66	See Map.	6.8	99.8	108.7	92	85
ND-67	See Map.	8.1	101.3	108.7	93	85
ND-68	See Map.	7.6	103.4	108.7	95	85
ND-69	See Map.	7.5	105.3	108.7	97	85
ND-70	See Map.	7.1	113.5	119.8	95	85

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

AGRA
Earth & Environmental

RUSH

SEP 16 1997
AGRA E & E
EL PASO, TX.

AGRA Earth & Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel (915) 585-2472
FAX (915) 585-[illegible]

DELIVERED
SEP 16 1997
P.R.

FIELD DENSITY TEST
(Nuclear Method)

Job No. 7719000161
Project Sewage Lagoon Final Closure
Client Foster Wheeler
Contractor Same
A/E

Machine No. Troxler 15763
Date Tested 9-12-97 A.M. P.M.
Tested By Roman
To be used for Fill Berrow

Test No.	ND-57	ND58	ND59	ND60	ND61	ND62	ND63	ND64
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	118.1	123.7	118.3	110.2	108.3	114.9	116.2	118.2
6) Moisture (PCF)	8.2	9.1	8.0	10.1	7.4	7.8	7.8	8.0
7) Dry Density (5 ÷ 6) (PCF)	109.9	114.6	110.3	100.1	100.9	107.1	104.4	110.2
8) Max. Dry Density	119.8			108.7				
9) % Compaction (7 ÷ 8)	92	[illegible]	92	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10) % Compaction (7 ÷ 8)	[illegible]							
11) % Moisture (6 ÷ 7)	7.5	7.9	7.3	[illegible]	7.3	7.3	7.2	7.3

Location/Elevation
Lab No. 15941
PCF max 108.7
Opt. Moisture 11.6 %
Lab No. 15914
PCF max 119.8
Opt. Moisture 7.5 %
Lab No.
PCF max
Opt. Moisture %

Standard Count:

	Cal.	Field
12) Dens.		
13) Mois.		

Depth = 3rd lift Saturday

AGRA
Earth & Environmental

RUSH

AGRA Earth & Environmental, Inc.
125 Mariposa Road
El Paso, Texas 79932
Tel (915) 585-2472
Fax (915) 585-2626

RECEIVED SEP 16 1997 P.R.

FIELD DENSITY TEST
(Nuclear Method)

Job No. 7719090161
Project Bunge Landfill Closure
Client Foster Wheeler
Contractor Same
A/E

Machine No. Troxler 15763
Date Tested 9-12-97 A.M. P.M.
Tested By Ramos
To be used for Fill - Borrow

Test No.	ND-65	ND 66	ND 67	ND 68	ND 69	ND-70		
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	115.3	101.7	109.4	111.3	113.2	121.6		
6) Moisture (PCF)	7.4	6.8	9.1	7.9	7.9	8.1		
7) Dry Density (5 ÷ 6) (PCF)	107.9	99.9	101.3	103.4	105.3	113.5		
8) Max. Dry Density	108.7	→				119.8		
9) % Compaction (7 ÷ 8)	99	92	93	95	97	95		
10) % Compaction Req'd	85%	→						
11) % Moisture (6 ÷ 7)	6.9	6.8	8.1	7.6	7.5	7.1		

SEP 16 1997 AGRA E & E EL PASO, TX

Location/Elevation
Lab No. 15941
PCF max 108.7
Opt. Moisture 11.6 %
Lab No. 15914
PCF max 119.8
Opt. Moisture 7.5 %
Lab No.
PCF max
Opt. Moisture %

51' ATTACHED
MAP

Standard Count:

	Cali.	Field
12) Dens.		
13) Mois.		

3rd lift →

Depth

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ENGINEERING GLOBAL SOLUTIONS

AGRA Earth &
Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel: (915) 585-2472
Fax: (915) 585-2626

September 26, 1997
AEE Job No. 7719-000161

Mr. Richard Petty
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

★Revised★

SAND CONE DENSITY TESTS
(ASTM D1556)

Project: **Lagoon IRA**
Holloman AFB, NM

Test Date: September 12, 1997

Lab #15916: Proctor 119.8 @ 7.8% (ASTM D698) Soil Classification: ASTM D2487-SM
#15941: Proctor 108.7 @ 11.6% (ASTM D698) Soil Classification: ASTM D2487-SM

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Com-paction	% Com-paction Required
SCND-58	See map.	7.9	115.4	119.8	96	85
SCND-63	See map.	7.2	107.5	108.7	99	85
SCND-68	See map.	7.6	104.6	108.7	96	85

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

RUSH

DENSITY OF SOIL IN PLACE BY THE SANDCONE METHOD D1556-64

PROJECT Sewage Lagoon Final Closure	JOB NO. 7719000161
LOCATION ~~[illegible]~~ See Map	DATE 9-12-97
CLIENT Foster Wheeler	CONTRACTOR Same
MATERIAL Fill / Borrow	DENSITY NO. SCND-54

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand 96.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 20.44 lbs
7. Wt. After 16.44 lbs
8. Wt. of Sand Used (6-7) 4.00 lbs

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9. Initial Wt. 16.44 lbs
10. Wt. After 8.41 lbs
11. Wt. of Sand 8.03 lbs
12. Wt. of Sand Used (11-8) 4.03 lbs
13. Vol. of Hole (12/5) 104.65 lbs
    Lab No. 159~~[illegible]~~16 lbs
    Max. Unit Wt. ~~[illegible]~~ 119.8 lbs
    Opt. Moisture Content ~~[illegible]~~ 7.5 lbs

14. Sample Can No. _____ lbs
15. Wet Wt. of Soil + Tare 5.77 lbs
16. Wt. of Tare .56 lbs
17. Wet Wt. 5.21 lbs
18. Wet Density (17/13) 124.5 lbs
19. Dry Density 115.4 lbs
    Yd = 18/(24 + 100)

MOISTURE CONTENT:

20. Wet Wt. + Tare 754.2 gm
21. Dry Wt. + Tare 699.1 gm
22. Tare Wt. (#) _____ gm
23. Wt. of Water 55.1 gm
24. Moisture 7.9 %
25. % Compaction 96 %
26. % Compaction Required 85% %

REMARKS:

BILLED SEP 16 1997 P.R.

TEST BY:

RUSH

DENSITY OF SOIL IN PLACE BY THE SANDCONE METHOD D1556-64

PROJECT Sewage Lagoon	JOB NO. 221906161
LOCATION Pond A	DATE 9-12-97
CLIENT Foster Wheeler	CONTRACTOR Foster Wheeler
MATERIAL Fill / Borrow	DENSITY NO. SCND -63

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand 96.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 20.59 lbs
7. Wt. After 16.69 lbs
8. Wt. of Sand Used (6-7) 3.90 lbs

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9. Initial Wt. 16.69 lbs
   Wt. After 8.56 lbs
11. Wt. of Sand 8.13 lbs
12. Wt. of Sand Used (11-8) 4.23 lbs
13. Vol. of Hole (12/5) 104393 lbs
    Lab No. 15941 lbs
    Max. Unit Wt. 108.7 lbs
    Opt. Moisture Content 11.6 lbs

14. Sample Can No. _____ lbs
15. Wet Wt. of Soil + Tare 5.62 lbs
16. Wt. of Tare .56 lbs
17. Wet Wt. 5.06 lbs
18. Wet Density (17/13) 115.2 lbs
19. Dry Density 107.5 lbs
    Yd = 18/(24 + 100)

MOISTURE CONTENT:

20. Wet Wt. + Tare 828.1 gm
21. Dry Wt. + Tare 772.4 gm
22. Tare Wt. (#) _____ gm
23. Wt. of Water 55.7 gm
24. Moisture 7.2 %
25. % Compaction 99 %
26. % Compaction Required 95 %

REMARKS:

BILLED SEP 16 1997 P.R.

TEST BY:

DENSITY OF SOIL IN PLACE BY THE SANDCONE METHOD D1556-64

RUSH

PROJECT Sewage Lagoon Final Closure	JOB NO. 7719000161
LOCATION ~~[illegible]~~ See Map	DATE 9-12-97
CLIENT Foster Wheeler	CONTRACTOR Same
MATERIAL Borrow / Fill	DENSITY NO. SAND-68

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand 96.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 20.06 lbs
7. Wt. After 16.10 lbs
8. Wt. of Sand Used (6-7) 3.96 lbs

SEP 16 1997
AGRA E & E
EL PASO, TX

9. Initial Wt. 16.10 lbs
10. Wt. After 8.03 lbs
11. Wt. of Sand 8.07 lbs
12. Wt. of Sand Used (11-8) 4.11 lbs
13. Vol. of Hole (12/5) .04266 lbs
    Lab No. 15941 lbs
    Max. Unit Wt. 108.7 lbs
    Opt. Moisture Content 11.6 lbs

14. Sample Can No. _____ lbs
15. Wet Wt. of Soil + Tare 5.36 lbs
16. Wt. of Tare .56 lbs
17. Wet Wt. 4.80 lbs
18. Wet Density (17/13) 112.5 lbs
19. Dry Density 104.4 lbs
    Yd = 18/(24 + 100)

MOISTURE CONTENT:

20. Wet Wt. + Tare 635.1 gm
21. Dry Wt. + Tare 590.1 gm
22. Tare Wt. (#) 4 gm
23. Wt. of Water 45.0 gm
24. Moisture 7.6 %
25. % Compaction 96 %
26. % Compaction Required 85 %

REMARKS:

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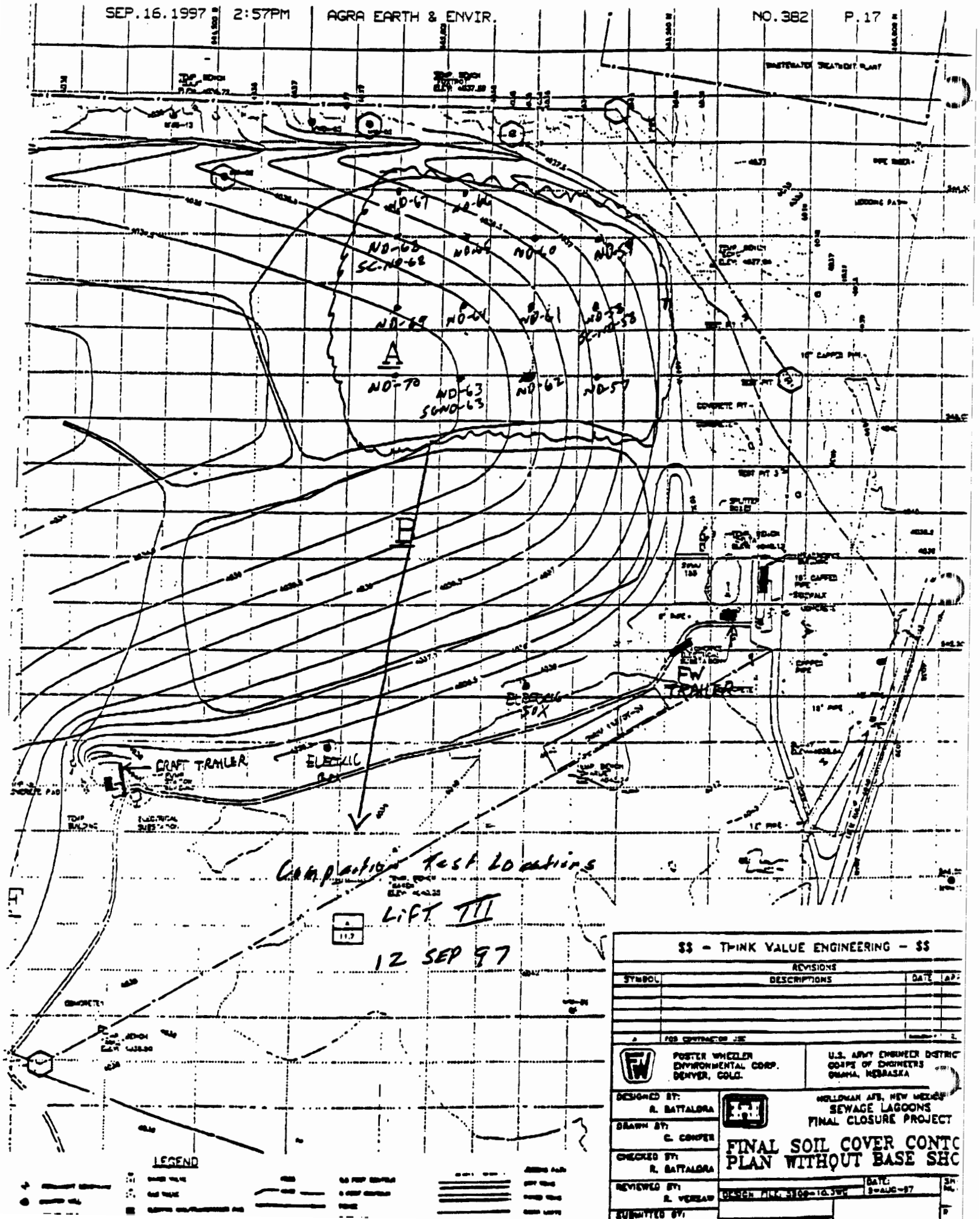
SEP 16 1997
P.R.

TEST BY:


WASTEWATER TREATMENT PLANT
ND-67
ND-66
ND-68
SC-ND-68
ND-60
ND-59
ND-69
ND-64
ND-61
ND-58
SC-ND-58
A
ND-70
ND-63
SGND-63
ND-62
ND-57
B
FW TRAILER
ELECTRIC BOX
CRAFT TRAILER
ELECTRIC BOX
Compaction Test Locations
LIFT III
12 SEP 97
LEGEND
$$ - THINK VALUE ENGINEERING - $$
REVISIONS
SYMBOL
DESCRIPTIONS
DATE
FOS CONTRACTOR JSC
FOSTER WHEELER ENVIRONMENTAL CORP. DENVER, COLO.
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
DESIGNED BY: R. BATTALORA
DRAWN BY: C. CONFER
CHECKED BY: R. BATTALORA
REVIEWED BY: R. VERSAW
SUBMITTED BY:
HOLLOMAN AFB, NEW MEXICO
SEWAGE LAGOONS
FINAL CLOSURE PROJECT
FINAL SOIL COVER CONTC
PLAN WITHOUT BASE SHC
DATE: 9-AUG-97

AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

AGRA Earth &
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September 25, 1997
AEE Job No. 7719-000161

Mr. Richard Petty
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

★Revised★

FIELD DENSITY TESTS
(ASTM D2922)

Project: **Lagoon IRA**
Holloman AFB, NM

Test Dates: September 17, 1997

Lab #15918: Proctor 121.1 @ 6.9% (ASTM D698) Soil Classification: ASTM D2487-SM
#15942: Proctor 108.1 @ 10.5% (ASTM D698) Soil Classification: ASTM D2487-ML

Nuclear Gauge number #MC-3 1805

LAGOON A

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Compaction	% Compaction Required
Test Date: September 17, 1997.						
ND-71	See Map.	11.0	109.2	121.1	90	85
ND-72	See Map.	8.0	110.6	121.1	91	85
ND-73	See Map.	6.4	107.2	121.1	89	85
ND-74	See Map.	7.5	98.2	108.1	91	85
ND-75	See Map.	6.0	99.8	108.1	92	85
ND-76	See Map.	6.1	101.3	108.1	94	85
ND-77	See Map.	5.6	98.2	108.1	91	85
ND-78	See Map.	4.0	96.7	108.1	89	85
ND-79	See Map.	5.6	99.4	108.1	92	85
ND-80	See Map.	7.9	105.7	108.1	98	85
ND-81	See Map.	4.0	102.7	108.1	95	85
ND-82	See Map.	6.3	97.4	108.1	90	85
ND-83	See Map.	4.4	98.0	108.1	91	85

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Compaction	% Compaction Required
ND-84	See Map.	6.3	101.7	108.1	94	85
ND-85	See Map.	13.2	92.2	108.1	85	85
ND-86	See Map.	10.5	94.5	108.1	87	85
ND-87	See Map.	8.0	97.3	108.1	90	85

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

AGRA **RUSH**
Earth & Environmental

AGRA Earth & Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel (915) 585-2472
FAX (915) 585-2626

BILL
SEP 18 1997
P.R.

SEP 1 1997
AGRA E & E
EL PASO

FIELD DENSITY TEST
(Nuclear Method)

Job No. 7719-000161
Project Sewage Lagoon Final Closure
Client Foster Wheeler
Contractor Same
A/E

Machine No. MC-3 1305
Date Tested 9-17-97 A.M. P.M.
Tested By [illegible]
To be used for fill

Test No.	ND-71	ND-72	ND-73	ND-74	ND-75	ND-76	ND-77	ND-78 SC
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	121.2	119.5	114.1	105.5	105.8	107.5	103.6	100.5
6) Moisture (PCF)	12.0	8.9	6.9	7.3	6.0	6.2	5.5	3.8
7) Dry Density (5 ÷ 6) (PCF)	109.2	110.6	107.2	94.2	99.8	101.3	98.2	96.7
8) Max. Dry Density	121.1	→	→	108.1	→	→	→	→
9) % Compaction (7 ÷ 8)	90	91	89	91	92	94	91	89
10) % Compaction Req'd	85%	→	→	→	→	→	→	→
11) % Moisture (6 ÷ 7)	11.0	8.0	6.4	7.5	6.0	6.1	5.6	4.0

Location/Elevation
Lab No. 15918
PCF max 121.1
Opt. Moisture 6.9 %
Lab No. 15942
PCF max 108.1
Opt. Moisture 10.5 %
Lab No.
PCF max
Opt. Moisture %

Standard Count:

	Cali.	Field
12) Dens.		
13) Mois.		

Lagoon A
see attached map

3rd lift → 4th lift →

Depth

AGRA
Earth & Environmental

RUSH

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SEP 18 1997
P.R.

AGRA Earth & Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel. (915) 585-2472
FAX (915) 585-2626

FIELD DENSITY TEST
(Nuclear Method)

Job No. 2719-000-161
Project Sewage Lagoon Final Closure
Client Foster Wheeler
Contractor Same
A/E

Machine No. MC-3 1805
Date Tested 9-17-97 A.M. P.M.
Tested By Ramon
To be used for Kill

SEP 18 1997
AGRA E & E
EL PASO

Test No.	NO-87							
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	105.0							
6) Moisture (PCF)	7.7							
7) Dry Density (5 ÷ 6) (PCF)	97.3							
8) Max. Dry Density	108.1							
9) % Compaction (7 ÷ 8)	90							
10) % Compaction Req'd	85%							
11) % Moisture (6 ÷ 7)	8.0							

Location/Elevation
Lab No. 15942
PCF max 108.1
Opt. Moisture 10.5 %
Lab No.
PCF max
Opt. Moisture %
Lab No.
PCF max
Opt. Moisture %

Standard Count:

	Cali.	Field
12) Dens.		
13) Mois.		

Sand B
See Attached Map

Depth

AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

AGRA Earth &
Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
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Fax: (915) 585-2626

September 26, 1997
AEE Job No. 7719-000161

Mr. Richard Petty
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

★Revised★

SAND CONE DENSITY TESTS
(ASTM D1556)

Project: **Lagoon IRA**
Holloman AFB, NM

Test Date: September 17, 1997

Lab #15918: Proctor 121.1 @ 6.9% (ASTM D698) Soil Classification: ASTM D2487-SM
#15942: Proctor 108.1 @ 10.5% (ASTM D698) Soil Classification: ASTM D2487-ML

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Com-paction	% Com-paction Required
SCND-73	See map.	8.4	104.5	121.1	87	85
SCND-78	See map.	5.1	96.5	108.1	89	85
SCND-83	See map.	5.6	102.9	108.1	95	85

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

RUSH

DENSITY OF SOIL IN PLACE BY THE SANDCONE METHOD D1556-64

SEP 18 1997

PROJECT Sewage Lagoon Final Closure	JOB NO. 7719-000-164 P.R.
LOCATION Pond A 3rd lift	DATE 9-17-97
CLIENT Foster Wheeler	CONTRACTOR Foster Wheeler
MATERIAL Borrow Fill	DENSITY NO. SCND-73

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand 96.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 16.25 lbs
7. Wt. After 12.31 lbs
8. Wt. of Sand Used (6-7) 3.94 lbs

SEP 19 1997 AGRA E & E EL PASO

9. Initial Wt. 15.40 lbs
10. Wt. After 7.11 lbs
11. Wt. of Sand 8.29 lbs
12. Wt. of Sand Used (11-8) 4.35 lbs
13. Vol. of Hole (12/5) 104.517 lbs
    Lab No. 15918 lbs
    Max. Unit Wt. 126.1 lbs
    Opt. Moisture Content 6.9 lbs

14. Sample Can No. ~~[illegible]~~ lbs
15. Wet Wt. of Soil + Tare 5.68 lbs
16. Wt. of Tare .55 lbs
17. Wet Wt. 5.13 lbs
18. Wet Density (17/13) 113.5 lbs
19. Dry Density 104.8 lbs
    Yd = 18/(24 + 100)

MOISTURE CONTENT: mike

20. Wet Wt. + Tare 880.8 gm
21. Dry Wt. + Tare 812.4 gm
22. Tare Wt. (#) _____ gm
23. Wt. of Water 68.4 gm
24. Moisture 8.4 %
25. % Compaction 87 [redacted] %
26. % Compaction Required 85 %

REMARKS:

TEST BY:

RUSH

DENSITY OF SOIL IN PLACE
BY THE SANDCONE METHOD D1556-64

SEP 18 1997

PROJECT Sewage Lagoon Final Closure	JOB NO. 7719-000-161 P.R.
LOCATION Pond A 4th lift.	DATE 9-17-97
CLIENT Foster Wheeler	CONTRACTOR Foster Wheeler
MATERIAL Borrow fill	DENSITY NO. SLND-78

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand 94.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 16.71 lbs
7. Wt. After 12.69 lbs
8. Wt. of Sand Used (6-7) 4.01 lbs

SEP 18 1997 AGRA E&E

9. Initial Wt. 16.31 lbs
10. Wt. After 8.36 lbs
11. Wt. of Sand 7.95 lbs
12. Wt. of Sand Used (11-8) 3.94 lbs
13. Vol. of Hole (12/5) 104.13 lbs
    Lab No. 15942 lbs
    Max. Unit Wt. 104.1 lbs
    Opt. Moisture Content 10.5 lbs

14. Sample Can No. _____ lbs
15. Wet Wt. of Soil + Tare 4.70 lbs
16. Wt. of Tare .55 lbs
17. Wet Wt. 4.15 lbs
18. Wet Density (17/13) 101.4 lbs
19. Dry Density 94.5 lbs
    Yd = 18/(24 + 100)

REMARKS:

MOISTURE CONTENT: Beam.

20. Wet Wt. + Tare 271.1 gm
21. Dry Wt. + Tare 233.4 gm
22. Tare Wt. (#) _____ gm
23. Wt. of Water 37.7 gm
24. Moisture 5.1 %
25. % Compaction 89 %
26. % Compaction Required 85 %

TEST BY:

RUSH

DENSITY OF SOIL IN PLACE
BY THE SANDCONE METHOD D1556-64

FILE
SEP 18 1997
P.R.

PROJECT Sewage Lagoon Final Closure	JOB NO. 7719-000-761
LOCATION Pond B 1st lift	DATE 9-17-97
CLIENT Foster Wheeler	CONTRACTOR Foster Wheeler
MATERIAL Borrow fill	DENSITY NO. SL ND-83

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand 96.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 16.83 lbs
7. Wt. After 12.99 lbs
8. Wt. of Sand Used (6-7) 3.84 lbs

SEP 19 1997
AGRA E P
EL P

9. Initial Wt. 15.65 lbs
10. Wt. After 7.00 lbs
11. Wt. of Sand 8.65 lbs
12. Wt. of Sand Used (11-8) 4.81 lbs
13. Vol. of Hole (12/5) 104994 lbs
    Lab No. 15942 lbs
    Max. Unit Wt. 108.1 lbs
    Opt. Moisture Content 10.5 lbs

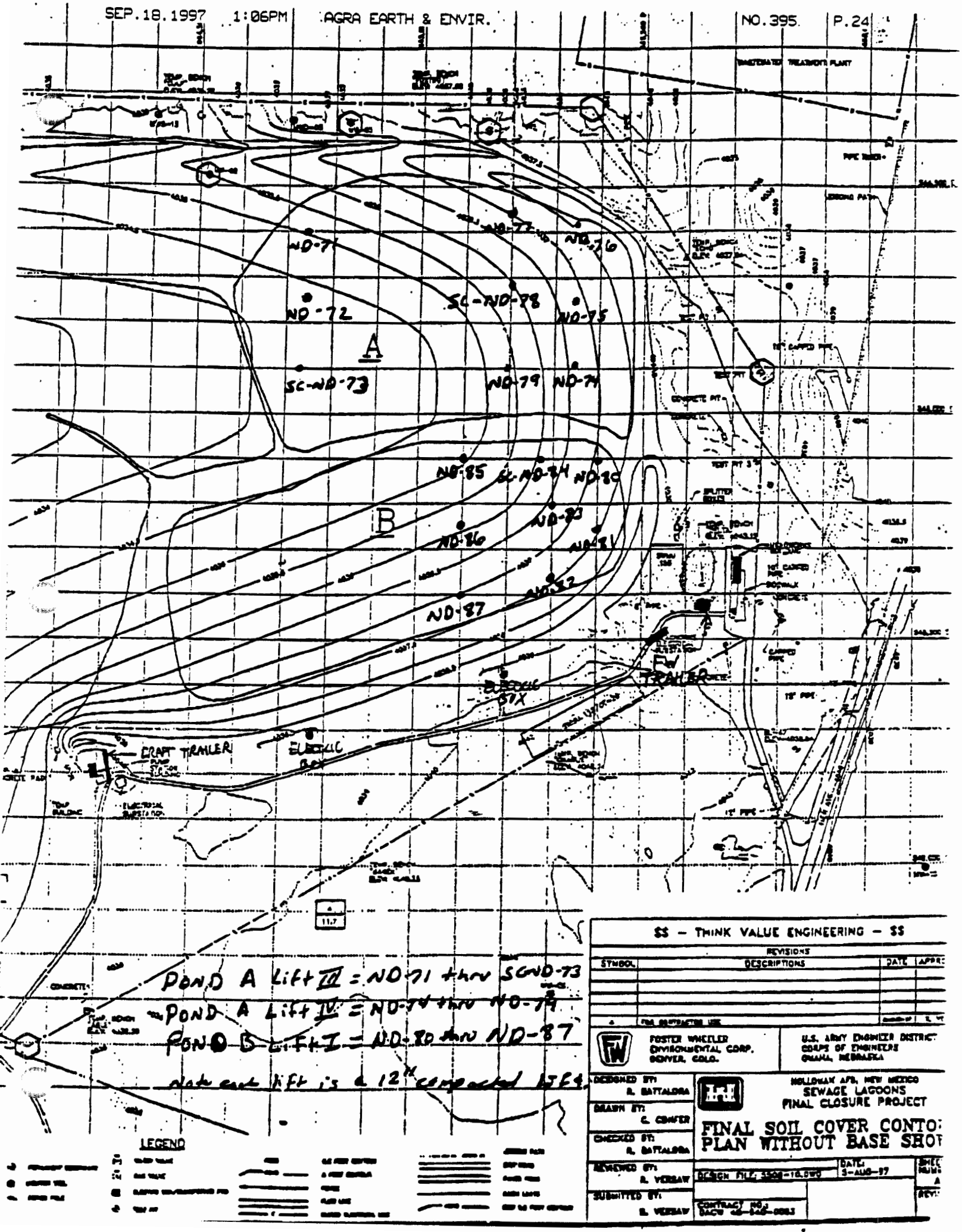
14. Sample Can No. _____ lbs
15. Wet Wt. of Soil + Tare 5.98 lbs
16. Wt. of Tare .55 lbs
17. Wet Wt. 5.43 lbs
18. Wet Density (17/13) 108.7 lbs
19. Dry Density 102.9 lbs
    Yd = 18/(24 + 100)

MOISTURE CONTENT: 44

20. Wet Wt. + Tare 757.2 gm
21. Dry Wt. + Tare 716.8 gm
22. Tare Wt. (#) _____ gm
23. Wt. of Water 40.4 gm
24. Moisture 5.6 %
25. % Compaction 95 %
26. % Compaction Required 85 %

REMARKS:

TEST BY:


WASTEWATER TREATMENT PLANT
ND-71
ND-72
SC-ND-73
SC-ND-78
ND-77
ND-76
ND-75
ND-79
ND-74
A
ND-85
SC-ND-84
ND-80
ND-83
ND-86
ND-81
ND-82
ND-87
B
ELECTRIC BOX
TRAILER
CRAFT TRAILER
ELECTRIC BOX
POND A Lift III = ND-71 thru SCND-73
POND A Lift IV = ND-74 thru ND-79
POND B Lift I = ND-80 thru ND-87
Note each lift is a 12" compacted LIFT.
LEGEND
$$ - THINK VALUE ENGINEERING - $$
REVISIONS
SYMBOL
DESCRIPTIONS
DATE
FOR CONTRACTOR USE
FOSTER WHEELER ENVIRONMENTAL CORP. DENVER, COLO.
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
DESIGNED BY: R. BATTALORA
DRAWN BY: C. CONFER
CHECKED BY: R. BATTALORA
REVIEWED BY: R. VERSAW
SUBMITTED BY: R. VERSAW
HOLLOMAN AFB, NEW MEXICO
SEWAGE LAGOONS
FINAL CLOSURE PROJECT
FINAL SOIL COVER CONTO
PLAN WITHOUT BASE SHO
DESIGN FILE: 5508-10.DWG
DATE: 5-AUG-97
CONTRACT NO.: DACW 46-940-0083

AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

AGRA Earth &
Environmental, Inc.
125 Montoya Road
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September 30, 1997
AEE Job No. 7719-000161

Mr. Richard Petty
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

FIELD DENSITY TESTS
(ASTM D2922)

Project: **Lagoon IRA**
Holloman AFB, NM

Test Date: September 24, 1997

Lab #7309: Proctor 109.3 @ 10.5% (ASTM D698) Soil Classification: ASTM D2487-ML
#15916: Proctor 119.8 @ 7.8% (ASTM D698) Soil Classification: ASTM D2487-SM

Nuclear Gauge number #MC-3 1805

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Compaction	% Compaction Required
Lagoon B						
ND-88	See Map.	7.0	105.2	109.3	96	85
ND-89	See Map.	6.5	99.9	109.3	91	85
ND-90	See Map.	9.2	102.1	109.3	93	85
ND-91	See Map.	8.3	101.1	109.3	92	85
Lagoon A						
ND-92	See Map.	11.8	108.4	109.3	99	85
ND-93	See Map.	11.4	97.4	109.3	89	85
ND-94	See Map.	9.3	100.9	109.3	92	85
ND-95	See Map.	9.0	104.7	109.3	96	85
ND-96	See Map.	10.9	101.4	109.3	93	85
ND-97	See Map.	8.9	111.5	119.8	93	85
ND-98	See Map.	6.4	100.1	109.3	91	85
ND-99	See Map.	9.8	112.6	119.8	94	85
ND-100	See Map.	12.7	107.6	119.8	89	85

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Compaction	% Compaction Required
ND-101	See Map.	14.1	105.1	119.8	88	85
ND-102	See Map.	10.2	101.0	109.3	92	85
ND-103	See Map.	17.7	105.8	119.8	88	85

Kevin P. Salcido

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

AGRA
Earth & Environmental

BILLED
SEP 29 1997
P.R.

AGRA Earth & Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel. (915) 585-2472
Fax (915) 585-2626

RUSH

FIELD DENSITY TEST
(Nuclear Method)

Job No. 7719000161
Project ~~Sewage Lagoon Flood Stage~~ IRA
Client Foster Wheeler
Contractor Same
A/E

Machine No. MC-3 1805
Date Tested 9-24-97 A.M. P.M.
Tested By Ramer
To be used for Fill

Test No.	ND 88	ND-89 (SC)	ND 90	ND 91	ND 92	ND 93	ND 94 (SC)	ND 95
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	112.5	106.4	111.6	109.5	121.1	108.5	110.3	114.1
6) Moisture (PCF)	7.3	6.5	9.4	8.4	12.8	11.1	9.4	9.4
7) Dry Density (5 ÷ 6) (PCF)	105.2	99.9	102.1	101.1	108.4	97.4	100.9	104.7
8) Max. Dry Density	109.3	→						
9) % Compaction (7 ÷ 8)	96	91	93	92	99	89	92	96
10) % Compaction Req'd	85	→						
11) % Moisture (6 ÷ 7)	7.0	6.5	9.2	8.3	11.8	11.4	9.3	9.0

Location/Elevation
Lab No. 7309
PCF max 109.3
Opt. Moisture 10.5 %
Lab No. 15942
PCF max 108.1
Opt. Moisture 10.5 %
Lab No.
PCF max
Opt. Moisture %

Standard Count:

	Cali.	Field
12) Dens.		/
13) Mois.		

Depth

Lagoon B. — See Attached map → 1st lift →
Lagoon A → 4th lift →

AGRA
Earth & Environmental

BILLED
SEP 29 1997
P.R.

AGRA Earth & Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel. (915) 585-2472
FAX (915) 585-2626

SEP 29 1997
AGRA E & E
EL PASO, TX

RUSH

FIELD DENSITY TEST
(Nuclear Method)

Job No. 7719000161
Project LAGOON IRA
Client FOSTER WHEELER
Contractor SAME
A/E

Machine No. MC-3 1805
Date Tested 9-24-97 A.M. P.M.
Tested By [illegible]
To be used for Fill

Test No.	ND-96	ND-97	ND-98	ND-99	ND-100	ND-101	ND-102	ND-103
1) Moisture (CPM)								
2) Density (CPM)								
3) Moisture Ratio (1 ÷ 13)								
4) Density Ratio (2 ÷ 12)								
5) Wet Density (PCF)	112.5	121.4	106.4	123.6	120.8	119.9	111.4	124.5
6) Moisture (PCF)	11.1	9.9	6.4	11.0	13.6	14.8	10.3	18.7
7) Dry Density (5 ÷ 6) (PCF)	101.4	111.5	100.1	112.6	107.2	105.1	101.0	105.8
8) Max. Dry Density	109.3	119.8	109.3	119.8	→	→	109.5	119.8
9) % Compaction (7 ÷ 8)	93	93	91	94	89	88	92	88
10) % Compaction Req'd	85	→	→	→	→	→	→	→
11) % Moisture (6 ÷ 7)	10.9	8.9	6.4	9.8	12.7	14.1	10.2	12.7

Location/Elevation
Lab No. 7309
PCF max 109.3
Opt. Moisture 10.5 %
Lab No. 15916
PCF max 119.8
Opt. Moisture 7.5 %
Lab No.
PCF max
Opt. Moisture %

Standard Count:

	Cal.	Field
12) Dens.		
13) Mois.		

Depth =

See Map

LAGOON A

4TH LIFT

AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

AGRA Earth &
Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel: (915) 585-2472
Fax: (915) 585-2626

September 30, 1997
AEE Job No. 7719-000161

Mr. Richard Petty
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

SAND CONE DENSITY TESTS
(ASTM D1556)

Project: **Lagoon IRA**
Holloman AFB, NM

Test Date: September 24, 1997

Lab #7309: Proctor 109.3 @ 10.5% (ASTM D698) Soil Classification: ASTM D2487-ML
#15916: Proctor 119.8 @ 7.8% (ASTM D698) Soil Classification: ASTM D2487-SM

Test No.	Location & Elevation	% Moisture ASTM D2216	Dry Density (pcf)	Maximum Density (pcf)	% Com-paction	% Com-paction Required
SCND-89	See map.	5.7	98.7	109.3	90	85
SCND-94	See map.	7.2	102.4	109.3	94	85
SCND-99	See map.	12.5	109.1	119.8	91	85

Kevin P Salcido

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

RUSH

DENSITY OF SOIL IN PLACE
BY THE SANDCONE METHOD D1556-64

PROJECT Sewage Lagoon Inf ~~Final Bar~~	JOB NO. 7719000161
LOCATION Pond B	DATE 9-24-97
CLIENT Foster Wheeler	CONTRACTOR Sam
MATERIAL Fill Borrow	DENSITY NO. SCND-89

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand 96.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 20.74 lbs
7. Wt. After 16.75 lbs
8. Wt. of Sand Used (6-7) 3.99 lbs

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9. Initial Wt. 16.75 lbs
10. Wt. After 6.48 lbs
11. Wt. of Sand 10.27 lbs
12. Wt. of Sand Used (11-8) 6.28 lbs
13. Vol. of Hole (12/5) 106527 lbs
    Lab No. 7309 lbs
    Max. Unit Wt. 109.3 lbs
    Opt. Moisture Content 10.5 lbs

14. Sample Can No. _____ lbs
15. Wet Wt. of Soil + Tare 7.35 lbs
16. Wt. of Tare .55 lbs
17. Wet Wt. 6.80 lbs
18. Wet Density (17/13) 104.3 lbs
19. Dry Density 93.7 lbs
    Yd = 18/(24 + 100)

MOISTURE CONTENT:

20. Wet Wt. + Tare 5+06 gm
21. Dry Wt. + Tare 991.2 gm
22. Tare Wt. (#) 937.9 gm
23. Wt. of Water 53.3 gm
24. Moisture 5.7 ~~[illegible]~~ %
25. % Compaction 90 %
26. % Compaction Required 85 %

REMARKS:

BILLED SEP 29 1997 P.R.

TEST BY:

RUSH

DENSITY OF SOIL IN PLACE BY THE SANDCONE METHOD D1556-64

PROJECT Sewage Lagoon Final Closure	JOB NO. 7719000161
LOCATION Pond 5	DATE 9-24-97
CLIENT Foster Wheeler	CONTRACTOR Sam
MATERIAL Fill	DENSITY NO. SCAN D -94

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand 96.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 20.70 lbs
7. Wt. After 16.16 lbs
8. Wt. of Sand Used (6-7) 3.94 lbs

SEP 29 1997 AGRA E & E EL PASO, TX

9. Initial Wt. 16.16 lbs
10. Wt. After 6.66 lbs
11. Wt. of Sand 9.50 lbs
12. Wt. of Sand Used (11-8) 5.56 lbs
13. Vol. of Hole (12/5) 105.74 lbs
    Lab No. 7309 lbs
    Max. Unit Wt. 109.3 lbs
    Opt. Moisture Content 10.5 lbs

14. Sample Can No. _____ lbs
15. Wet Wt. of Soil + Tare 6.88 lbs
16. Wt. of Tare 1.55 lbs
17. Wet Wt. 4.33 lbs
18. Wet Density (17/13) 109.6 lbs
19. Dry Density 102.4 lbs
    Yd = 18/(24 + 100)

MOISTURE CONTENT: Oac

20. Wet Wt. + Tare 903.1 gm
21. Dry Wt. + Tare 844.3 gm
22. Tare Wt. (#) 58.8 gm
23. Wt. of Water 58.8 gm
24. Moisture 7.0 %
25. % Compaction 94 %
26. % Compaction Required 95 %

REMARKS:

BILLED SEP 29 1997 P.R.

TEST BY:

RUSH

DENSITY OF SOIL IN PLACE BY THE SANDCONE METHOD D1556-64

PROJECT Sewage Lagoon Final Closure
JOB NO. 7719000161
LOCATION Land K
DATE 9-24-97
CLIENT Foster Wheeler
CONTRACTOR Same
MATERIAL Fill Borrow
DENSITY NO. SLND 99

SAND CALIBRATION:

1. Wt. of Sand + Apparatus _____ lbs
2. Wt of Apparatus _____ lbs
3. Wt. of Sand (1-2) _____ lbs
4. Vol. of Apparatus _____ lbs
5. Unit Wt. of Sand 96.3 lbs
   Yd = (3/4)

SURFACE CALIBRATION:

6. Initial Wt. 20.49 lbs
7. Wt. After 16.47 lbs
8. Wt. of Sand Used (6-7) 4.02 lbs

SEP 29 1997 AGRA E & E EL PASO, TX

9. Initial Wt. 16.47 lbs
   Wt. After 6.95 lbs
11. Wt. of Sand 9.52 lbs
12. Wt. of Sand Used (11-8) 5.50 lbs
13. Vol. of Hole (12/5) .05711 lbs
    Lab No. 15916 lbs
    Max. Unit Wt. 119.8 lbs
    Opt. Moisture Content 7.5 lbs

14. Sample Can No. 506 lbs
15. Wet Wt. of Soil + Tare 7.56 lbs
16. Wt. of Tare .55 lbs
17. Wet Wt. 7.01 lbs
18. Wet Density (17/13) 122.7 lbs
19. Dry Density 109.1 lbs
    Yd = 18/(24 + 100)

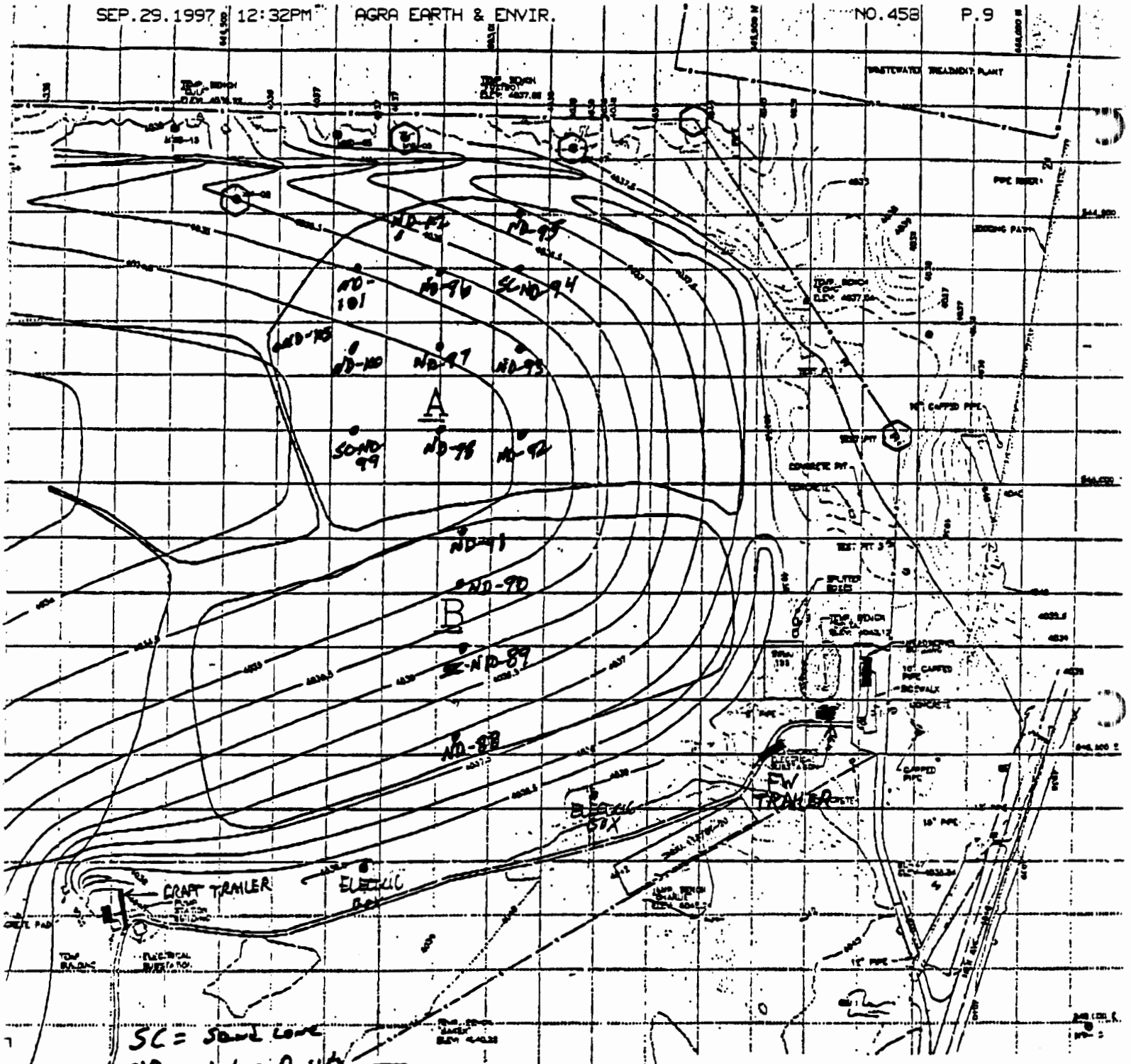
MOISTURE CONTENT: NUL

20. Wet Wt. + Tare 506 gm
21. Dry Wt. + Tare 1018.7 gm
22. Tare Wt. (#) 905.7 gm
23. Wt. of Water 113.0 gm
24. Moisture 12.5 %
25. % Compaction 91 %
26. % Compaction Required 95 %

REMARKS:

BILLED SEP 29 1997 P.R.

TEST BY:



$$ - THINK VALUE ENGINEERING - $$

REVISIONS

SYMBOL	DESCRIPTIONS	DATE	APPROV
A	FOR CONTRACTOR USE		R. VERS

FOSTER WHEELER ENVIRONMENTAL CORP. DENVER, COLO.

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA

DESIGNED BY: R. BATTALORA

DRAWN BY: C. CONFER

CHECKED BY: R. BATTALORA

REVIEWED BY: R. VERSAW

SUBMITTED BY: R. VERSAW

HOLLOMAN AFB, NEW MEXICO
SEWAGE LAGOONS
FINAL CLOSURE PROJECT

FINAL SOIL COVER CONTOUR PLAN WITHOUT BASE SHOWN

DESIGN FILE: 5508-10.DWG

DATE: 3-AUG-97

SHEET NUMBER: A

CONTRACT NO.: DACW 46-840-0003

REVISION: A

SOUTHWEST ENGINEERING, INC.
•475 ARCHULETA ROAD•LAS CRUCES, NEW MEXICO 88005•
PHONE (505) 526-3381 • FAX (505) 526-9762

Foster Wheeleer
611 Anton Blvd, Suite 800
Costa Mesa, CA 92626

09/30/97

Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C3-97

Nuclear, In-Place Density - ASTM D2922, D4944 AASHTO T238, T217

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D003	ND 104, Pond B Backfill Embankment Material	1st Lift	114.6	9.1	106.3	4.5	92.8	85% Req'd
D004	ND 105, Pond B Backfill Embankment Material	1st Lift	114.6	9.1	106.2	3.9	92.7	85% Req'd
D005	ND 106, Pond B Backfill Embankment Material	1st Lift	114.6	9.1	102.8	4.0	89.7	85% Req'd
D006	ND 107, Pond B Backfill Embankment Material	1st Lift	114.6	9.1	113.7	5.5	99.2	85% Req'd
D007	ND 108, Pond B Backfill Embankment Material	1st Lift	114.6	9.1	110.8	4.5	96.7	85% Req'd
D008	ND 109, Pond B Backfill Embankment Material	1st Lift	114.6	9.1	103.4	4.5	90.3	85% Req'd
D009	ND 110, Pond B Backfill Embankment Material	2nd Lift	114.6	9.1	108.9	7.0	95.0	85% Req'd
D010	ND 111, Pond B Backfill Embankment Material	2nd Lift	114.6	9.1	114.0	7.0	99.5	85% Req'd
D011	ND 112, Pond B Backfill Embankment Material	2nd Lift	114.6	9.1	103.9	4.5	90.7	85% Req'd
D012	ND 113, Pond B Backfill Embankment Material	2nd Lift	114.6	9.1	101.4	4.0	88.5	85% Req'd

SOUTHWEST ENGINEERING, INC.

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C3A-97

In-Place Density - ASTM D1556, D2216

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D001	SC-ND-104 Sewage Lagoon Fill	1st Lift	114.6	9.1	105.3	4.2	91.8	85% Req'd
D002	SC-ND-109 Sewage Lagoon Fill	1st Lift	114.6	9.1	102.6	3.9	89.5	85% Req'd

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10/06/97

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C8-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D065	ND 114, Pond D Backfill Pond	L-1	121.1	6.9	107.3	6.2	88.6	85% Req'd
D066	ND 115, Pond D Backfill Pond	L-1	121.1	6.9	112.1	6.5	92.6	85% Req'd
D067	ND 116, Pond D Backfill Pond	L-1	121.1	6.9	117.1	6.0	96.7	85% Req'd
D068	ND 117, Pond D Backfill Pond	L-1	121.1	6.9	112.1	6.2	92.6	85% Req'd
D069	ND 118, Pond D Backfill Pond	L-1	121.1	6.9	112.9	8.5	93.2	85% Req'd
D070	ND 119, Pond D Backfill Pond	L-1	121.1	6.9	115.7	8.0	95.6	85% Req'd
D071	ND 120, Pond D Backfill Pond	L-1	121.1	6.9	115.5	8.3	95.4	85% Req'd
D072	ND 121, Pond D Backfill Pond	L-1	121.1	6.9	109.7	6.5	90.6	85% Req'd
D073	ND 122, Pond D Backfill Pond	L-1	121.1	6.9	108.8	6.2	89.8	85% Req'd
D074	ND 123, Pond D Backfill Pond	L-1	121.1	6.9	114.7	8.6	94.7	85% Req'd
D075	ND 124, Pond D Backfill Pond	L-1	121.1	6.9	118.8	8.6	98.1	85% Req'd
D076	ND 125, Pond D Backfill Pond	L-1	121.1	6.9	111.2	8.0	91.8	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C8-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D077	ND 126, Pond D Backfill Pond	L-1	121.1	6.9	116.5	8.2	96.2	85% Req'd
D078	ND 127 Pond D Backfill Pond	L-1	121.1	6.9	115.8	7.6	95.6	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C8A-97

In-Place Density - ASTM D1556, D2216

Jar/Cone#	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
2	Pond D, SC 114	L-1	121.1	6.9	112.8	7.4	93.1	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C5-97

In-Place Density - ASTM D1556, D2216

Jar/Cone#	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
2	NDSC 119, Pond D	L-1	121.1	6.9	114.6	5.6	94.7	85% Req'd
2	NDSC 124, Pond D	L-1	121.1	6.9	117.0	9.1	96.6	85% Req'd

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10/07/97

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C4-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D013	ND 128, Pond D Backfill Pond	L-1	121.1	6.9	119.9	7.0	99.0	85% Req'd
D014	ND 129, Pond D Backfill Pond	L-1	121.1	6.9	110.5	7.6	91.2	85% Req'd
D015	ND 130, Pond D Backfill Pond	L-1	121.9	6.8	120.7	7.6	99.0	85% Req'd
D016	ND 131, Pond D Backfill Pond	L-1	121.1	6.9	115.8	7.3	95.6	85% Req'd
D017	ND 132, Pond D Backfill Pond	L-1	121.1	6.9	120.2	7.5	99.3	85% Req'd
D018	ND 133, Pond D Backfill Pond	L-1	121.1	6.9	114.7	8.0	94.7	85% Req'd
D019	ND 134, Pond D Backfill Pond	L-1	121.1	6.9	102.9	7.2	85.0	85% Req'd
D020	ND 135, Pond D Backfill Pond	L-1	121.1	6.9	118.1	7.5	97.5	85% Req'd
D021	ND 136, Pond D Backfill Pond	L-1	121.1	6.9	109.5	7.3	90.4	85% Req'd
D022	ND 137, Pond D Backfill Pond	L-1	121.1	6.9	115.1	6.8	95.1	85% Req'd
D023	ND 138, Pond D Backfill Pond	L-1	121.1	6.9	117.9	7.0	97.3	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C4-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D024	ND 139, Pond D Backfill Pond	L-1	121.1	6.9	109.6	7.0	90.5	85% Req'd
D025	ND 140, Pond D Backfill Pond	L-1	121.1	6.9	104.0	7.3	85.9	85% Req'd

SOUTHWEST ENGINEERING, INC.

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475 ARCHULETA ROAD LAS CRUCES, NEW MEXICO 88[illegible]5

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10/07/97

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C9-97

In-Place Density - ASTM D1556, D2216

Jar/Cone#	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
2	SC 129, Pond D	L-1	121.1	6.9	111.7	6.8	92.2	85% Req'd
2	SC 133, Pond D	L-1	121.1	6.9	110.7	9.8	91.5	85% Req'd
2	SC 138, Pond D	L-1	121.1	6.9	115.9	7.1	95.7	85% Req'd

SOUTHWEST ENGINEERING, INC.

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10/09/97

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Costa Mesa, CA 92626

Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C6-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D026	ND 141, Pond B Sewage Closure Fill	L-2	110.9	11.3	102.6	12.6	92.7	85% Req'd
D027	ND 142, Pond B Backfill Pond	L-2	110.9	11.3	100.3	8.1	90.4	85% Req'd
D028	ND 143, Pond B Backfill Pond	L-2	110.9	11.3	104.4	6.0	94.1	85% Req'd
D029	ND 144, Pond B Backfill Pond	L-2	110.9	11.3	98.6	7.7	88.9	85% Req'd
D030	ND 145, Pond B Backfill Pond	L-2	110.9	11.3	104.8	6.8	94.5	85% Req'd
D031	ND 146, Pond B Backfill Pond	L-2	110.9	11.3	110.9	10.7	100.0	85% Req'd
D032	ND 147, Pond B Backfill Pond	L-2	110.9	11.3	98.0	12.4	88.4	85% Req'd
D033	ND 148, Pond B Backfill Pond	L-2	110.9	11.3	105.9	8.7	95.5	85% Req'd
D034	ND 149, Pond B Backfill Pond	L-2	110.9	11.3	98.9	6.6	89.2	85% Req'd
D035	ND 150, Pond B Backfill Pond	L-2	110.9	11.3	107.4	6.9	96.4	85% Req'd
D036	ND 151, Pond B Backfill Pond	L-2	110.9	11.3	103.8	6.1	93.6	85% Req'd
D037	ND 152, Pond B Backfill Pond	L-2	110.9	11.3	105.8	6.9	95.4	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C6-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D038	ND 153, Pond B Sewage Closure Fill	L-2	110.9	11.3	98.8	11.5	89.1	85% Req'd
D039	ND 154, Pond B Sewage Closure Fill	L-2	110.9	11.3	101.1	5.3	91.1	85% Req'd
D040	ND 155, Pond B Sewage Closure Fill	L-2	110.9	11.3	100.0	8.2	90.2	85% Req'd
D041	ND 156, Pond B Sewage Closure Fill	L-2	110.9	11.3	107.0	16.4	96.5	85% Req'd
D042	ND 157, Pond C Sewage Closure Fill	L-1	121.1	6.9	113.0	8.4	93.3	85% Req'd
D043	ND 158, Pond C Sewage Closure Fill	L-1	121.1	6.9	114.0	9.5	94.1	85% Req'd
D044	ND 159, Pond C Sewage Closure Fill	L-1	121.1	6.9	112.3	10.5	92.7	85% Req'd
D045	ND 160, Pond C Sewage Closure Fill	L-1	121.1	6.9	111.7	6.1	92.2	85% Req'd
D046	ND 161, Pond C Sewage Closure Fill	L-1	121.1	6.9	106.3	17.4	87.8	85% Req'd
D047	ND 162, Pond C Sewage Closure Fill	L-1	121.1	6.9	103.9	17.8	85.8	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C10-97

In-Place Density - ASTM D1556, D2216

Jar/Cone#	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
2	Pond B, SC -143	L-2	110.9	11.3	100.8	4.9	90.9	85% Req'd
2	Pond B, SC -148	L-2	110.9	11.3	103.7	6.0	93.5	85% Req'd
2	Pond B, SC -153	L-2	110.9	11.3	99.3	10.5	89.5	85% Req'd
2	Pond C, SC -158	L-1	121.1	6.9	111.1	7.6	91.7	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C7-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D048	ND 163, Pond C Sewage Closure Fill	L-1	121.1	6.9	106.5	13.0	87.9	85% Req'd
D049	ND 164, Pond C Sewage Closure Fill	L-1	121.1	6.9	120.7	8.0	99.7	85% Req'd
D050	ND 165, Pond C Sewage Closure Fill	L-1	121.1	6.9	112.5	11.0	92.9	85% Req'd
D051	ND 166, Pond C Sewage Closure Fill	L-1	121.1	6.9	105.9	7.6	87.4	85% Req'd
D052	ND 167, Pond C Sewage Closure Fill	L-1	121.1	6.9	114.7	6.0	94.7	85% Req'd
D053	ND 168, Pond C Sewage Closure Fill	L-1	121.1	6.9	119.5	7.4	98.7	85% Req'd
D054	ND 169, Pond C Sewage Closure Fill	L-1	121.1	6.9	108.8	12.3	89.8	85% Req'd
D055	ND 170, Pond C Sewage Closure Fill	L-1	121.1	6.9	106.0	11.5	87.5	85% Req'd
D056	ND 171, Pond C Sewage Closure Fill	L-1	121.1	6.9	104.1	13.1	86.0	85% Req'd
D057	ND 172, Pond C Sewage Closure Fill	L-1	121.1	6.9	109.5	7.8	90.4	85% Req'd
D058	ND 173, Pond C Sewage Closure Fill	L-1	121.1	6.9	107.6	7.8	88.9	85% Req'd
D059	ND 174, Pond C Sewage Closure Fill	L-1	121.1	6.9	107.6	6.3	88.9	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C7-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D060	ND 175, Pond C Sewage Closure Fill	L-1	121.1	6.9	106.6	10.3	88.0	85% Req'd
D061	ND 176, Pond C Sewage Closure Fill	L-1	121.1	6.9	108.8	12.5	89.8	85% Req'd
D062	ND 177, Pond C Sewage Closure Fill	L-1	121.1	6.9	114.7	10.5	94.7	85% Req'd
D063	ND 178, Pond C Sewage Closure Fill	L-1	121.1	6.9	107.8	9.1	89.0	85% Req'd
D064	ND 179, Pond C Sewage Closure Fill	L-1	121.1	6.9	109.5	12.8	90.4	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C11-97

In-Place Density - ASTM D1556, D2216

Jar/Cone#	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
2	Pond C, SC 163 Sewage Lagoon Closure Fill	L-1	121.1	6.9	103.8	14.5	85.7	85% Req'd
2	Pond C, SC 168 Sewage Lagoon Closure Fill	L-1	121.1	6.9	114.6	9.4	94.6	85% Req'd
2	Pond C, SC 173 Sewage Lagoon Closure Fill	L-1	121.1	6.9	114.8	6.2	94.8	85% Req'd
2	Pond C, SC 178 Sewage Lagoon Closure Fill	L-1	121.1	6.9	103.6	9.8	85.6	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C12-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D079	ND 180, Pond B Sewage Closure Fill	L-3	110.9	11.3	107.2	9.1	96.7	85% Req'd
D080	ND 181, Pond B Sewage Closure Fill	L-3	110.9	11.3	107.8	6.0	97.2	85% Req'd
D081	ND 182, Pond B Sewage Closure Fill	L-3	110.9	11.3	108.3	11.1	97.6	85% Req'd
D082	ND 183, Pond B Sewage Closure Fill	L-3	110.9	11.3	107.9	8.1	97.3	85% Req'd
D083	ND 184, Pond B Sewage Closure Fill	L-3	110.9	11.3	106.0	5.1	95.6	85% Req'd
D084	ND 185, Pond B Sewage Closure Fill	L-3	110.9	11.3	103.4	7.6	93.3	85% Req'd
D085	ND 186, Pond C Sewage Closure Fill	L-1	104.7	12.4	104.6	12.6	99.9	85% Req'd
D086	ND 187, Pond C Sewage Closure Fill	L-1	104.7	12.4	102.1	11.8	97.6	85% Req'd
D087	ND 188, Pond C Sewage Closure Fill	L-1	104.7	12.4	105.5	12.7	100.8	85% Req'd
D088	ND 189, Pond C Sewage Closure Fill	L-1	104.7	12.4	104.7	13.1	100.0	85% Req'd
D089	ND 190, Pond C Sewage Closure Fill	L-1	104.7	12.4	106.6	15.9	101.8	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C13-97

In-Place Density - ASTM D1556, D2216

Jar/Cone#	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
2	Pond B, SC 183 Sewage Lagoon Closure Fill	L-3	110.9	11.3	102.7	7.6	93.3	85% Req'd
2	Pond B, SC 188 Sewage Lagoon Closure Fill	L-3	104.7	12.4	101.7	13.8	97.1	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C14-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D090	ND 191, Pond C Sewage Closure Fill	L-2	111.8	11.1	107.1	9.8	95.8	85% Req'd
D091	ND 192, Pond C Sewage Closure Fill	L-2	111.8	11.1	105.0	12.8	93.9	85% Req'd
D092	ND 193, Pond C Sewage Closure Fill	L-2	111.8	11.1	110.9	12.3	99.2	85% Req'd
D093	ND 194, Pond C Sewage Closure Fill	L-2	111.8	11.1	101.7	13.8	90.9	85% Req'd
D094	ND 195, Pond C Sewage Closure Fill	L-2	111.8	11.1	96.4	7.8	86.2	85% Req'd
D095	ND 196, Pond C Sewage Closure Fill	L-2	111.8	11.1	103.4	7.6	92.4	85% Req'd
D096	ND 197, Pond C Sewage Closure Fill	L-2	111.8	11.1	101.6	8.5	90.8	85% Req'd
D097	ND 198, Pond E Sewage Closure Fill	L-1	111.8	11.1	100.3	7.2	89.7	85% Req'd
D098	ND 199, Pond E Sewage Closure Fill	L-1	111.8	11.1	95.7	7.0	85.5	85% Req'd
D099	ND 200, Pond E Sewage Closure Fill	L-1	111.8	11.1	106.1	12.8	94.9	85% Req'd
D100	ND 201, Pond E Sewage Closure Fill	L-1	111.8	11.1	99.9	9.0	89.3	85% Req'd
D101	ND 202, Pond E Sewage Closure Fill	L-1	111.8	11.1	104.9	12.7	93.8	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C15-97

In-Place Density - ASTM D1556, D2216

Jar/Cone#	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
2	Pond C, SC 193 Sewage Lagoon Closure Fill	L-2	111.8	11.1	109.6	12.5	98.0	85% Req'd
2	Pond E, SC 198 Sewage Lagoon Closure Fill	L-1	111.8	11.1	97.9	6.6	87.6	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C16-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D102	ND 203, Pond E Sewage Closure Fill	L-1	113.0	10.6	106.4	7.9	94.2	85% Req'd
D103	ND 204, Pond E Sewage Closure Fill	L-1	113.0	10.6	104.4	12.6	92.4	85% Req'd
D104	ND 205, Pond E Sewage Closure Fill	L-1	113.0	10.6	106.8	11.7	94.5	85% Req'd
D105	ND 206, Pond E Sewage Closure Fill	L-1	113.0	10.6	111.9	8.0	98.9	85% Req'd
D106	ND 207, Pond E Sewage Closure Fill	L-1	113.0	10.6	106.7	7.4	94.4	85% Req'd
D107	ND 208, Pond E Sewage Closure Fill	L-1	113.0	10.6	106.2	12.5	94.0	85% Req'd
D108	ND 209, Pond E Sewage Closure Fill	L-1	113.0	10.6	107.3	9.0	95.0	85% Req'd
D109	ND 210, Pond E Sewage Closure Fill	L-1	113.0	10.6	110.6	7.9	97.9	85% Req'd
D110	ND 211, Pond E Sewage Closure Fill	L-1	113.0	10.6	106.2	8.2	94.0	85% Req'd
D111	ND 212, Pond E Sewage Closure Fill	L-1	113.0	10.6	107.9	12.4	95.5	85% Req'd
D112	ND 213, Pond E Sewage Closure Fill	L-1	113.0	10.6	105.1	13.0	93.0	85% Req'd
D113	ND 214, Pond E Sewage Closure Fill	L-1	113.0	10.6	109.0	11.2	96.4	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C8-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D114	ND 215, Pond E Sewage Closure Fill	L-1	113.0	10.6	109.0	11.2	96.4	85% Req'd
D115	ND 216, Pond E Sewage Closure Fill	L-1	113.0	10.6	111.1	12.0	98.2	85% Req'd
D116	ND 217, Pond E Sewage Closure Fill	L-1	113.0	10.6	109.2	8.9	96.7	85% Req'd
D117	ND 218, Pond E Sewage Closure Fill	L-1	113.0	10.6	101.1	13.9	89.5	85% Req'd
D118	ND 219, Pond E Sewage Closure Fill	L-1	113.0	10.6	107.4	12.0	95.0	85% Req'd
D119	ND 220, Pond E Sewage Closure Fill	L-1	113.0	10.6	110.1	8.8	97.4	85% Req'd
D120	ND 221, Pond E Sewage Closure Fill	L-1	113.0	10.6	107.1	11.2	94.9	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C17-97

In-Place Density - ASTM D1556, D2216

Jar/Cone#	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
2	Pond E, SC 203 Sewage Lagoon Closure Fill	L-1	113.0	10.6	107.7	7.1	95.3	85% Req'd
2	Pond E, SC 208 Sewage Lagoon Closure Fill	L-1	113.0	10.6	98.7	14.4	87.3	85% Req'd
2	Pond E, SC 213 Sewage Lagoon Closure Fill	L-1	113.0	10.6	106.2	14.5	94.0	85% Req'd
2	Pond E, SC 218 Sewage Lagoon Closure Fill	L-1	113.0	10.6	108.5	12.3	96.0	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C18-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D121	ND 222, Pond E Sewage Closure Fill	L-2	113.0	10.6	112.2	7.9	99.3	85% Req'd
D122	ND 223, Pond E Sewage Closure Fill	L-2	113.0	10.6	111.8	8.1	99.0	85% Req'd
D123	ND 224, Pond E Sewage Closure Fill	L-2	113.0	10.6	112.7	8.6	99.7	85% Req'd
D124	ND 225, Pond E Sewage Closure Fill	L-2	113.0	10.6	110.6	7.1	97.8	85% Req'd
D125	ND 226, Pond E Sewage Closure Fill	L-2	113.0	10.6	108.9	7.0	96.4	85% Req'd
D126	ND 227, Pond E Sewage Closure Fill	L-2	113.0	10.6	107.6	6.8	95.2	85% Req'd
D127	ND 228, Pond E Sewage Closure Fill	L-2	113.0	10.6	112.5	7.1	99.6	85% Req'd
D128	ND 229, Pond E Sewage Closure Fill	L-2	113.0	10.6	112.8	9.0	99.8	85% Req'd
D129	ND 230, Pond E Sewage Closure Fill	L-2	113.0	10.6	111.4	8.4	98.6	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C19-97

In-Place Density - ASTM D1556, D2216

Jar/Cone#	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
2	Pond E, SC 223 Sewage Lagoon Closure Fill	L-2	113.0	10.6	111.9	9.6	99.1	85% Req'd
2	Pond E, SC 228 Sewage Lagoon Closure Fill	L-2	113.0	10.6	106.8	8.1	94.5	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C20-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D130	ND 237, Pond E Sewage Closure Fill	L-2	110.9	11.3	105.4	8.9	95.0	85% Req'd
D131	ND 238, Pond E Sewage Closure Fill	L-2	110.9	11.3	96.5	5.5	87.0	85% Req'd
D132	ND 239, Pond E Sewage Closure Fill	L-2	110.9	11.3	103.8	8.8	93.6	85% Req'd
D133	ND 240, Pond E Sewage Closure Fill	L-2	110.9	11.3	106.8	9.5	96.3	85% Req'd
D134	ND 231, Pond E Sewage Closure Fill	L-2	121.1	6.9	109.8	7.0	90.7	85% Req'd
D135	ND 232, Pond E Sewage Closure Fill	L-2	121.1	6.9	112.6	6.9	93.0	85% Req'd
D136	ND 233, Pond E Sewage Closure Fill	L-2	121.1	6.9	112.3	6.9	92.7	85% Req'd
D137	ND 234, Pond E Sewage Closure Fill	L-2	121.1	6.9	117.7	9.1	97.1	85% Req'd
D138	ND 235, Pond E Sewage Closure Fill	L-2	121.1	6.9	113.2	6.9	93.5	85% Req'd
D139	ND 236, Pond E Sewage Closure Fill	L-2	121.1	6.9	113.4	9.2	93.6	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C21-97

In-Place Density - ASTM D1556, D2216

Jar/Cone#	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
2	Pond E, SC 233 Sewage Lagoon Closure Fill	L-2	121.1	6.9	109.5	7.0	90.4	85% Req'd
2	Pond E, SC 238 Sewage Lagoon Closure Fill	L-2	110.9	11.3	95.9	10.2	86.5	85% Req'd

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■ 475 ARCHULETA ROAD ■ LAS CRUCES, NEW MEXICO 88005 ■
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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C22-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D140	ND 241, Pond E Sewage Closure Fill	L-2	108.4	10.4	107.2	4.9	98.9	85% Req'd
D141	ND 242, Pond E Sewage Closure Fill	L-2	108.4	10.4	108.0	4.5	99.6	85% Req'd
D142	ND 243, Pond E Sewage Closure Fill	L-2	108.4	10.4	103.0	6.2	95.0	85% Req'd
D143	ND 244, Pond E Sewage Closure Fill	L-2	108.4	10.4	108.3	4.5	99.9	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C24-97

In-Place Density - ASTM D1556, D2216

Jar/Cone#	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
2	Pond E, SC 243 Sewage Lagoon Closure Fill	L-2	108.4	10.4	102.6	7.4	94.7	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C23-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D144	ND 245, Pond B Sewage Closure Fill	L-3	121.1	6.9	119.1	5.3	98.3	85% Req'd
D145	ND 246, Pond B Sewage Closure Fill	L-3	121.1	6.9	114.8	5.0	94.8	85% Req'd
D146	ND 247, Pond B Sewage Closure Fill	L-3	121.1	6.9	117.8	6.4	97.3	85% Req'd
D147	ND 248, Pond B Sewage Closure Fill	L-3	110.9	11.3	102.0	6.4	92.0	85% Req'd
D148	ND 249, Pond B Sewage Closure Fill	L-3	110.9	11.3	102.9	5.1	92.8	85% Req'd
D149	ND 250, Pond B Sewage Closure Fill	L-3	110.9	11.3	109.2	5.1	98.5	85% Req'd
D150	ND 251, Pond B Sewage Closure Fill	L-3	110.9	11.3	108.4	6.3	97.8	85% Req'd
D151	ND 252, Pond B Sewage Closure Fill	L-3	110.9	11.3	109.2	4.8	98.5	85% Req'd
D152	ND 253, Pond B Sewage Closure Fill	L-3	110.9	11.3	96.8	4.7	87.3	85% Req'd
D153	ND 254, Pond B Sewage Closure Fill	L-3	110.9	11.3	108.0	4.0	97.4	85% Req'd
D154	ND 255, Pond B Sewage Closure Fill	L-3	110.3	11.3	110.0	5.3	99.2	85% Req'd
D155	ND 256, Pond B Sewage Closure Fill	L-3	121.1	6.9	111.8	5.1	92.3	85% Req'd
D156	ND 257, Pond B Sewage Closure Fill	L-3	121.1	6.9	112.6	4.0	93.0	85% Req'd
D157	ND 258, Pond B Sewage Closure Fill	L-3	121.1	6.9	113.2	4.7	93.5	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C23-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D158	ND 259, Pond B Sewage Closure Fill	L-3	121.1	6.9	115.4	6.9	95.3	85% Req'd
D159	ND 260, Pond B Sewage Closure Fill	L-3	121.1	6.9	112.5	5.0	92.9	85% Req'd
D160	ND 261, Pond B Sewage Closure Fill	L-3	121.1	6.9	113.4	7.5	93.6	85% Req'd
D161	ND 262, Pond B Sewage Closure Fill	L-3	121.1	6.9	110.4	7.8	91.2	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C25-97

In-Place Density - ASTM D1556, D2216

Jar/Cone#	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
2	Pond B, SC 248 Sewage Lagoon Closure Fill	L-3	110.9	11.3	104.4	7.1	94.1	85% Req'd
2	Pond B, SC 253 Sewage Lagoon Closure Fill	L-3	110.9	11.3	98.3	5.2	88.6	85% Req'd
2	Pond B, SC 258 Sewage Lagoon Closure Fill	L-3	121.1	6.9	111.2	5.3	91.8	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C26-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D162	ND 263, Pond B Sewage Closure Fill	L-3	121.1	6.9	110.0	7.5	90.9	85% Req'd
D163	ND 264, Pond B Sewage Closure Fill	L-3	121.1	6.9	110.7	4.7	91.4	85% Req'd
D164	ND 265, Pond B Sewage Closure Fill	L-3	121.1	6.9	110.0	4.5	90.8	85% Req'd
D165	ND 266, Pond B Sewage Closure Fill	L-4	121.1	6.9	109.4	5.3	90.3	85% Req'd
D166	ND 267, Pond B Sewage Closure Fill	L-4	121.1	6.9	113.9	7.0	94.1	85% Req'd
D167	ND 268, Pond B Sewage Closure Fill	L-4	121.1	6.9	108.5	7.3	89.6	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C27-97

In-Place Density - ASTM D1556, D2216

Jar/Cone#	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
2	Pond B, SC 263 Sewage Lagoon Closure Fill	L-3	121.1	6.9	106.2	7.6	87.7	85% Req'd
2	Pond B, SC 268 Sewage Lagoon Closure Fill	L-4	121.1	6.9	108.2	7.7	89.3	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C29-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D170	ND 269, Pond D Sewage Closure Fill	L-2	113.0	10.6	110.4	7.5	97.7	85% Req'd
D171	ND 270, Pond D Sewage Closure Fill	L-2	113.0	10.6	113.0	8.0	100.0	85% Req'd
D172	ND 271, Pond D Sewage Closure Fill	L-2	113.0	10.6	109.0	7.7	96.5	85% Req'd
D173	ND 272, Pond D Sewage Closure Fill	L-2	113.0	10.6	111.2	8.0	98.2	85% Req'd
D174	ND 273, Pond D Sewage Closure Fill	L-2	113.0	10.6	107.7	7.7	95.3	85% Req'd
D175	ND 274, Pond D Sewage Closure Fill	L-2	121.1	6.9	107.7	6.0	88.9	85% Req'd
D176	ND 275, Pond D Sewage Closure Fill	L-2	121.1	6.9	116.3	6.4	96.0	85% Req'd
D177	ND 276, Pond D Sewage Closure Fill	L-2	121.1	6.9	111.1	6.0	91.7	85% Req'd
D178	ND 277, Pond D (W Outside) Sewage Closure Fill	L-2	121.1	6.9	108.5	5.8	89.6	85% Req'd
D179	ND 278, Pond D Sewage Closure Fill	L-2	121.1	6.9	114.1	5.8	94.2	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C30-97

In-Place Density - ASTM D1556, D2216

Jar/Cone#	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
2	Pond D, SC 273 Sewage Lagoon Closure Fill	L-2	113.0	10.6	105.5	8.1	93.3	85% Req'd
1	Pond D, SC 278 Sewage Lagoon Closure Fill	L-1	121.1	6.9	112.4	6.3	92.8	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C31-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D180	ND 279, Pond D Sewage Closure Fill	L-1	113.8	8.2	108.8	6.0	95.6	85% Req'd
D181	ND 280, Pond D Sewage Closure Fill	L-1	113.8	8.2	106.8	7.8	93.8	85% Req'd
D182	ND 281, Pond D Sewage Closure Fill	L-1	113.8	8.2	105.0	5.8	92.3	85% Req'd
D183	ND 282, Pond D Sewage Closure Fill	L-1	113.8	8.2	105.4	6.0	92.6	85% Req'd
D184	ND 283, Pond D Sewage Closure Fill	L-1	113.8	8.2	109.6	6.0	96.3	85% Req'd
D185	ND 284, Pond D Sewage Closure Fill	L-1	113.8	8.2	111.4	5.9	97.9	85% Req'd
D186	ND 285, Pond D Sewage Closure Fill	L-1	113.8	8.2	111.1	7.2	97.6	85% Req'd
D187	ND 286, Pond D Sewage Closure Fill	L-1	113.8	8.2	109.5	5.3	96.2	85% Req'd
D188	ND 287, Pond D (W Outside) Sewage Closure Fill	L-1	113.8	8.2	112.8	8.6	99.1	85% Req'd
D189	ND 288, Pond D Sewage Closure Fill	L-1	113.8	8.2	113.1	8.1	99.4	85% Req'd
D190	ND 289, Pond D Sewage Closure Fill	L-1	113.8	8.2	110.6	5.9	97.2	85% Req'd
D191	ND 290, Pond D Sewage Closure Fill	L-1	113.8	8.2	105.4	5.5	92.6	85% Req'd

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Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D192	ND 291, Pond D Sewage Closure Fill	L-1	113.8	8.2	104.9	5.7	92.2	85% Req'd
D193	ND 292, Pond D Sewage Closure Fill	L-1	113.8	8.2	104.7	7.1	92.0	85% Req'd
D194	ND 293, Pond D Sewage Closure Fill	L-1	113.8	8.2	110.4	6.2	96.9	85% Req'd
D195	ND 294, Pond D Sewage Closure Fill	L-1	113.8	8.2	110.1	7.6	96.7	85% Req'd
D196	ND 295, Pond C / W Outside Sewage Closure Fill	L-1	108.4	6.2	101.2	5.2	93.4	85% Req'd
D197	ND 296, Pond C / W Outside Sewage Closure Fill	L-1	108.4	6.2	107.0	5.0	98.7	85% Req'd
D198	ND 297, Pond C Sewage Closure Fill	L-1	121.1	6.9	109.5	11.0	90.4	85% Req'd
D199	ND 298, Pond C Sewage Closure Fill	L-2	121.1	6.9	105.7	4.6	87.3	85% Req'd
D200	ND 299, Pond D Sewage Closure Fill	L-2	121.1	6.9	109.3	5.1	90.3	85% Req'd
D201	ND 300, Pond C Sewage Closure Fill	L-2	121.1	6.9	109.0	5.0	89.9	85% Req'd
D202	ND 301, Pond C Sewage Closure Fill	L-2	121.1	6.9	117.7	6.2	97.2	85% Req'd

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Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D203	ND 302, Pond C Sewage Closure Fill	L-3	111.8	11.1	105.9	11.0	94.7	85% Req'd
D204	ND 303, Pond C Sewage Closure Fill	L-3	111.8	11.1	109.3	11.3	97.7	85% Req'd
D205	ND 304, Pond C Sewage Closure Fill	L-3	113.0	10.6	112.0	11.5	99.1	85% Req'd
D206	ND 305, Pond C Sewage Closure Fill	L-3	113.0	10.6	106.5	5.6	94.3	85% Req'd
D207	ND 306, Pond C Sewage Closure Fill	L-3	113.0	10.6	109.8	10.1	97.2	85% Req'd
D208	ND 307, Pond C Sewage Closure Fill	L-3	113.0	10.6	108.2	10.7	95.8	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C32-97

In-Place Density - ASTM D1556, D2216

Jar/Cone#	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
2	Pond D, SC 283 Sewage Lagoon Closure Fill	L-1	113.8	8.2	111.5	6.8	98.0	85% Req'd
2	Pond D, SC 288 Sewage Lagoon Closure Fill	L-1	113.8	8.2	113.1	8.9	99.4	85% Req'd
1	Pond D, SC 293 Sewage Lagoon Closure Fill	L-1	113.8	8.2	107.9	6.4	94.8	85% Req'd
2	Pond C, SC 298 Sewage Lagoon Closure Fill	L-2	121.1	6.9	112.4	5.9	92.8	85% Req'd
2	Pond C, SC 303 Sewage Lagoon Closure Fill	L-3	111.8	11.1	108.3	11.9	96.9	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C33-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D209	ND 308, Pond D Sewage Closure Fill	L-2	113.0	10.6	112.5	8.8	99.6	85% Req'd
D210	ND 309, Pond D Sewage Closure Fill	L-2	108.4	6.2	94.2	4.0	86.9	85% Req'd
D211	ND 310, Pond D Sewage Closure Fill	L-2	113.0	10.6	103.3	4.3	95.3	85% Req'd
D212	ND 311, Pond D Sewage Closure Fill	L-2	113.0	10.6	110.6	6.6	97.8	85% Req'd
D213	ND 312, Pond E Sewage Closure Fill	L-3	108.4	6.2	102.5	5.8	94.6	85% Req'd
D214	ND 313, Pond E Sewage Closure Fill	L-3	108.4	6.2	95.9	5.8	88.5	85% Req'd
D215	ND 314, Pond E Sewage Closure Fill	L-3	108.4	6.2	98.5	4.0	90.8	85% Req'd
D216	ND 315, Pond E Sewage Closure Fill	L-3	108.4	6.2	102.4	4.1	94.4	85% Req'd
D217	ND 316, Pond E Sewage Closure Fill	L-3	108.4	6.2	106.8	5.7	98.5	85% Req'd
D218	ND 317, Pond E Sewage Closure Fill	L-3	108.4	6.2	103.5	6.2	95.5	85% Req'd
D219	ND 318, Pond E Sewage Closure Fill	L-3	108.4	6.2	96.2	4.5	88.7	85% Req'd
D220	ND 319, Pond E Sewage Closure Fill	L-3	108.4	6.2	99.4	4.8	91.7	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C33-97

Nuclear, In-Place Density - ASTM D2922, D3017 AASHTO T238, T239

Test #	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
D221	ND 320, Pond E Sewage Closure Fill	L-3	108.4	6.2	93.1	4.0	85.9	85% Req'd

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Project No. SEI97081 Project Sewage Lagoon Final Closure Project Certificate No. FW-C34-97

In-Place Density - ASTM D1556, D2216

Jar/Cone#	Location & Description	Depth	Max Proc	Opt Moist	Dry Dens	%Moist	%Comp	Remarks
2	Pond D, SC 308 Sewage Lagoon Closure Fill	L-2	113.0	10.6	109.5	9.1	96.9	85% Req'd
2	Pond D, SC 313 Sewage Lagoon Closure Fill	L-2	108.4	6.2	98.8	6.0	91.1	85% Req'd
1	Pond E, SC 318 Sewage Lagoon Closure Fill	L-3	108.4	6.2	95.3	4.3	87.9	85% Req'd

SOUTHWEST ENGINEERING, INC.

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2-INCH ROCK GRADATION

SOUTHWEST ENGINEERING, INC.

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SIEVE ANALYSIS
ASTM NO. C136 & C117

SEI Project No. SEI97081 Project HAFB Sewage Lagoon Final Closure Project

Certificate No. FW-G1-97

			100	/85		/50			/15		0				
DATE	LOCATION	MATERIALS	2"	1-3/4"	1½"	1"	3/4"	1/2"	3/8"	#4	#8	#10	#40	#80	#200
10/06/97	Stockpile	Rock	100	97	87	52	19	2	1	.5	.4	.4	.4	.3	.2

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SIEVE ANALYSIS
ASTM NO. C136 & C117

SEI Project No. SEI97081 Project HAFB Sewage Lagoon Final Closure Project Certificate No. FW-G2-97

DATE	LOCATION	MATERIALS	2"	1-3/4"	1½"	1"	3/4"	1/2"	3/8"	#8	#40	#80	#200
10/14/97	Site	Rock		100	96	73	41	9	3	2.3	2.0	1.7	1.4

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Costa Mesa, CA 92626

SIEVE ANALYSIS
ASTM NO. C136 & C117

SEI Project No. SEI97081 Project HAFB Sewage Lagoon Final Closure Project Certificate No. FW-G3-97

DATE	LOCATION	MATERIALS	2"	1-3/4"	1½"	1"	3/4"	1/2"	3/8"	#40	#200
10/28/97	Site	Rock	100	95	68	36	16	.7	.4	.3	.2

SOUTHWEST ENGINEERING, INC.

Paul Deason

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SIEVE ANALYSIS
ASTM NO. C136 & C117

SEI Project No. SEI97081 Project HAFB Sewage Lagoon Final Closure Project Certificate No. FW-G4-97

DATE	LOCATION	MATERIALS	2"	1-3/4"	1½"	1"	3/4"	1/2"	3/8"	#40	#80
11/03/97	Site Source	Rip Rap	100	85	71	50	29	15	13	0	0

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SIEVE ANALYSIS
ASTM NO. C136 & C117

SEI Project No. SEI97081 Project HAFB Sewage Lagoon Final Closure Project Certificate No. FW-G5-97

DATE	LOCATION	MATERIALS	2"	1-3/4"	1½"	1"	3/4"	1/2"	3/8"	#40	#200
11/04/97	Site Source	Rip Rap	100	85	50				15		

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SIEVE ANALYSIS
ASTM NO. C136 & C117

SEI Project No. SEI97081 Project HAFB Sewage Lagoon Final Closure Project Certificate No. FW-G6-97

DATE	LOCATION	MATERIALS	3"	2"	1-3/4"	1½"	1"	3/8"	#4	#8	#10	#40
10/31/97	Mesa Verde, La Luz	Rip Rap	100	96	82	71	61	4	.4	.3	.3	.2

SOUTHWEST ENGINEERING, INC.

Paul Deason

LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
24JUL97	Agra 15914	Proctor/Class/LL	Berm b/w Ponds A and B						125.2	6.0	17	1	ML	N/A
24JUL97	Agra 15916	Proctor/Class/LL	Berm b/w Ponds A and C						119.8	7.8	NV	NP	SM	N/A
24JUL97	Agra 15918	Proctor/Class/LL	Berm at West Pond C						121.1	6.9	15	1	SM	N/A
24JUL97	Agra 15915	Proctor/Class/LL	Berm b/w Ponds C and E						121.9	6.8	NV	NP	SM	N/A
24JUL97	Agra 15913	Proctor/Class/LL	Soil Borrow Pit						113.8	8.2	NV	NP	SM	N/A
20AUG97	ND-A	Nuclear Density	Pond B	Temp Cover	80	14.1	95.8		119.8					Test of Temp.Cover
20AUG97	ND-B	Nuclear Density	Pond B	Temp Cover	85	13.3	101.8		119.8					Test of Temp.Cover
20AUG97	ND-C	Nuclear Density	Pond A	Temp Cover	83	10.8	99.4		119.8					Test of Temp.Cover
20AUG97	ND-D	Nuclear Density	Pond A	Temp Cover	82	11.6	98.2		119.8					Test of Temp.Cover
25AUG97	Agra 15930	Proctor/Class/LL	Soil Borrow Pit						105.6	12.1	NV	NP	ML	N/A
26AUG97	ND-E	Nuclear Density	Pond C	Temp Cover	85	9.5	103.6		121.9					Test of Temp.Cover
27AUG97	ND-01	Nuclear Density	Pond A	1	94	7.8	107		113.8					85% compaction req
27AUG97	ND-02	Nuclear Density	Pond A	1	88	7.4	100.1		113.8					85% compaction req
27AUG97	ND-03	Nuclear Density	Pond A	1	91	8.3	103.6		113.8					85% compaction req
27AUG97	ND-04	Nuclear Density	Pond A	1	96	8.2	115		119.8					85% compaction req
27AUG97	SC-ND-04	Sand Cone	Pond A	1	99	7.7	118.6	-3.1	119.8					85% compaction req
27AUG97	ND-05	Nuclear Density	Pond A	1	91	6.7	96.1		105.6					85% compaction req
27AUG97	ND-06	Nuclear Density	Pond A	1	91	5.4	96.1		105.6					85% compaction req
27AUG97	ND-07	Nuclear Density	Pond A	1	96	7.5	101.4		105.6					85% compaction req
27AUG97	ND-08	Nuclear Density	Pond A	1	96	5.8	101.4		105.6					85% compaction req
27AUG97	ND-09	Nuclear Density	Pond A	1	96	8.9	101.4		105.6					85% compaction req
27AUG97	SC-ND-09	Sand Cone	Pond A	1	98	6.8	103.5	-2	105.6					85% compaction req
28AUG97	ND-10	Nuclear Density	Pond A	1	97	5.5	102.4		105.6					85% compaction req
28AUG97	ND-11	Nuclear Density	Pond A	1	86	13.9	90.8		105.6					85% compaction req
28AUG97	SC-ND-11	Sand Cone	Pond A	1	93	4.7	98.2	-8	105.6					85% compaction req
28AUG97	ND-12	Nuclear Density	Pond A	1	90	7.7	95		105.6					85% compaction req
28AUG97	ND-13	Nuclear Density	Pond A	1	91	9.2	96.1		105.6					85% compaction req
28AUG97	ND-14	Nuclear Density	Pond A	1	100	12.4	105.6		105.6					85% compaction req
28AUG97	ND-15	Nuclear Density	Pond A	1	93	11.8	98.2		105.6					85% compaction req
28AUG97	ND-16	Nuclear Density	Pond A	1	100	12.9	105.6		105.6					85% compaction req
28AUG97	ND-17	Nuclear Density	Pond A	1	91	13.9	96.1		105.6					85% compaction req
28AUG97	SC-ND-17	Sand Cone	Pond A	1	90	14.3	95	1	105.6					85% compaction req
28AUG97	ND-18	Nuclear Density	Pond A	1	100	12.4	105.6		105.6					85% compaction req
28AUG97	ND-19	Nuclear Density	Pond A	1	86	11.5	90.8		105.6					85% compaction req
28AUG97	Agra 15935	Proctor/Class/LL	Soil Borrow Pit						104.4	12.4	NV	NP	SM	N/A
03SEP97	ND-20	Nuclear Density	Pond A	1	90	21.5	94		104.4					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
03SEP97	ND-21	Nuclear Density	Pond A	1	92	15.9	96		104.4					85% compaction req
03SEP97	ND-22	Nuclear Density	Pond A	1	93	11.1	97.1		104.4					85% compaction req
03SEP97	ND-23	Nuclear Density	Pond A	1	92	14.5	96		104.4					85% compaction req
03SEP97	ND-24	Nuclear Density	Pond A	1	94	11.8	98.1		104.4					85% compaction req
03SEP97	SC-ND-24	Sand Cone	Pond A	1	93	6	97.1	1	104.4					85% compaction req
03SEP97	ND-25	Nuclear Density	Pond A	1	91	12.1	95		104.4					85% compaction req
03SEP97	ND-26	Nuclear Density	Pond A	1	92	9.4	96		104.4					85% compaction req
03SEP97	ND-27	Nuclear Density	Pond A	1	96	8.6	100.2		104.4					85% compaction req
03SEP97	ND-28	Nuclear Density	Pond A	1	91	10.3	95		104.4					85% compaction req
03SEP97	ND-29	Nuclear Density	Pond A	1	90	12.6	94		104.4					85% compaction req
03SEP97	SC-ND-29	Sand Cone	Pond A	1	93	5.4	97.1	-3	104.4					85% compaction req
03SEP97	ND-30	Nuclear Density	Pond A	1	92	13.5	96		104.4					85% compaction req
03SEP97	ND-31	Nuclear Density	Pond A	1	90	13.6	94		104.4					85% compaction req
03SEP97	ND-32	Nuclear Density	Pond A	1	88	10.4	91.9		104.4					85% compaction req
03SEP97	SC-ND-32	Sand Cone	Pond A	1	87	4.6	90.8	-1	104.4					85% compaction req
03SEP97	ND-33	Nuclear Density	Pond A	1	91	11.5	95		104.4					85% compaction req
03SEP97	ND-34	Nuclear Density	Pond A	1	91	22	95		104.4					85% compaction req
03SEP97	ND-35	Nuclear Density	Pond A	1	88	15.2	91.9		104.4					85% compaction req
03SEP97	ND-36	Nuclear Density	Pond A	1	88	9.7	91.9		104.4					85% compaction req
03SEP97	ND-37	Nuclear Density	Pond A	1	88	10.3	91.9		104.4					85% compaction req
03SEP97	ND-38	Nuclear Density	Pond A	1	89	11.3	92.9		104.4					85% compaction req
03SEP97	Agra 15937	Proctor/Class/LL	Soil Borrow Pit						103.7	13	NV	NP	SM	N/A
05SEP97	ND-39	Nuclear Density	Pond A	2	85	12.9	101.8		119.8					85% compaction req
05SEP97	SC-ND-39	Sand Cone	Pond A	2	88	10	91.9	1	119.8					85% compaction req
05SEP97	ND-40	Nuclear Density	Pond A	2	100	12.4	104.4		104.4					85% compaction req
05SEP97	ND-41	Nuclear Density	Pond A	2	96	9.2	100.2		104.4					85% compaction req
05SEP97	ND-42	Nuclear Density	Pond A	2	94	10	98.1		104.4					85% compaction req
05SEP97	ND-43	Nuclear Density	Pond A	2	93	7.3	97.1		104.4					85% compaction req
05SEP97	SC-ND-43	Sand Cone	Pond A	2	95	4.6	99.2	-2.1	104.4					85% compaction req
05SEP97	ND-44	Nuclear Density	Pond A	2	99	7.1	103.4		104.4					85% compaction req
05SEP97	ND-45	Nuclear Density	Pond A	2	98	9.4	11734		119.8					85% compaction req
05SEP97	ND-46	Nuclear Density	Pond A	2	96	8.3	100.2		104.4					85% compaction req
05SEP97	ND-47	Nuclear Density	Pond A	2	98	5.2	101.9		104.4					85% compaction req
05SEP97	SC-ND-47	Sand Cone	Pond A	2	99	4.5	103.4	-1.5	104.4					85% compaction req
05SEP97	Agra 15941	Proctor/Class/LL	Soil Borrow Pit						108.7	11.6	NV	NP	SM	N/A
09SEP97	ND-48	Nuclear Density	Pond A	2	100	9.4	105.1		103.7					85% compaction req

SEWAGE LAGOONS FIN[illegible] CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
09SEP97	ND-49	Nuclear Density	Pond A	2	96	8.3	99.1		103.7					85% compaction req
09SEP97	ND-50	Nuclear Density	Pond A	2	92	10.9	95.8		103.7					85% compaction req
09SEP97	ND-51	Nuclear Density	Pond A	2	87	11.8	90.4		103.7					85% compaction req
09SEP97	ND-52	Nuclear Density	Pond A	2	86	14	89.3		103.7					85% compaction req
09SEP97	ND-53	Nuclear Density	Pond A	2	95	10	98.6		103.7					85% compaction req
09SEP97	SC-ND-53	Sand Cone	Pond A	2	96	4.4	99.6	-1.0	103.7					85% compaction req
09SEP97	ND-54	Nuclear Density	Pond A	2	92	8.1	94.9		103.7					85% compaction req
09SEP97	ND-55	Nuclear Density	Pond A	2	94	8.9	97.1		103.7					85% compaction req
09SEP97	ND-56	Nuclear Density	Pond A	2	98	8.9	102.1		103.7					85% compaction req
12SEP97	ND-57	Nuclear Density	Pond A	3	92	7.5	109.9		119.8					85% compaction req
12SEP97	ND-58	Nuclear Density	Pond A	3	96	7.9	114.6		119.8					85% compaction req
12SEP97	SC-ND-58	Sand Cone	Pond A	3	96	7.9	115.4	-0.7	119.8					85% compaction req
12SEP97	ND-59	Nuclear Density	Pond A	3	92	7.3	110.3		119.8					85% compaction req
12SEP97	ND-60	Nuclear Density	Pond A	3	92	10	100.1		108.7					85% compaction req
12SEP97	ND-61	Nuclear Density	Pond A	3	93	7.3	100.9		108.7					85% compaction req
12SEP97	ND-62	Nuclear Density	Pond A	3	99	7.3	107.1		108.7					85% compaction req
12SEP97	ND-63	Nuclear Density	Pond A	3	99	7.2	108.4		108.7					85% compaction req
12SEP97	SC-ND-63	Sand Cone	Pond A	3	99	7.2	107.5	0.8	108.7					85% compaction req
12SEP97	ND-64	Nuclear Density	Pond A	3	101	7.3	110.2		108.7					85% compaction req
12SEP97	ND-65	Nuclear Density	Pond A	3	99	6.9	107.9		108.7					85% compaction req
12SEP97	ND-66	Nuclear Density	Pond A	3	92	6.8	99.8		108.7					85% compaction req
12SEP97	ND-67	Nuclear Density	Pond A	3	93	8.1	101.3		108.7					85% compaction req
12SEP97	ND-68	Nuclear Density	Pond A	3	95	7.6	103.4		108.7					85% compaction req
12SEP97	SC-ND-68	Sand Cone	Pond A	3	96	7.6	104.6	-1.2	108.7					85% compaction req
12SEP97	ND-69	Nuclear Density	Pond A	3	97	7.5	105.3		108.7					85% compaction req
12SEP97	ND-70	Nuclear Density	Pond A	3	95	7.1	113.5		119.8					85% compaction req
12SEP97	Agra 15942	Proctor/Class/LL	Soil Borrow Pit						108.1	10.5	NV	NP	ML	N/A
17SEP97	ND-71	Nuclear Density	Pond A	3	90	11	109.2		121.1					85% compaction req
17SEP97	ND-72	Nuclear Density	Pond A	3	91	8	110.6		121.1					85% compaction req
17SEP97	ND-73	Nuclear Density	Pond A	3	89	6.4	107.2		121.1					85% compaction req
17SEP97	SC-ND-73	Sand Cone	Pond A	3	87	8.4	104.5	2.5	121.1					85% compaction req
17SEP97	ND-74	Nuclear Density	Pond A	4	91	7.5	98.2		108.1					85% compaction req
17SEP97	ND-75	Nuclear Density	Pond A	4	92	6	99.8		108.1					85% compaction req
17SEP97	ND-76	Nuclear Density	Pond A	4	94	6.1	101.3		108.1					85% compaction req
17SEP97	ND-77	Nuclear Density	Pond A	4	91	5.6	98.2		108.1					85% compaction req
17SEP97	ND-78	Nuclear Density	Pond A	4	89	4	96.7		108.1					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
17SEP97	SC-ND-78	Sand Cone	Pond A	4	89	5.1	96.5	0.2	108.1					85% compaction req
17SEP97	ND-79	Nuclear Density	Pond A	4	92	5.6	99.4		108.1					85% compaction req
17SEP97	ND-80	Nuclear Density	Pond B	1	98	7.9	105.7		108.1					85% compaction req
17SEP97	ND-81	Nuclear Density	Pond B	1	95	4	102.7		108.1					85% compaction req
17SEP97	ND-82	Nuclear Density	Pond B	1	90	6.3	97.4		108.1					85% compaction req
17SEP97	ND-83	Nuclear Density	Pond B	1	91	4.4	98		108.1					85% compaction req
17SEP97	SC-ND-83	Sand Cone	Pond B	1	95	5.6	102.9	-5.0	108.1					85% compaction req
17SEP97	ND-84	Nuclear Density	Pond B	1	94	6.3	101.7		108.1					85% compaction req
17SEP97	ND-85	Nuclear Density	Pond B	1	85	13.2	92.2		108.1					85% compaction req
17SEP97	ND-86	Nuclear Density	Pond B	1	87	10.5	94.5		108.1					85% compaction req
17SEP97	ND-87	Nuclear Density	Pond B	1	90	8	97.3		108.1					85% compaction req
17SEP97	Agra 7309	Proctor/Class/LL	Soil Borrow Pit						109.3	10.8	NV	NP	ML	N/A
19SEP97	Agra 7308	Proctor/Class/LL	Soil Borrow Pit						108.8	11	NV	NP	ML	N/A
24SEP97	ND-88	Nuclear Density	Pond B	1	96.2	7	105.2		109.3					85% compaction req
24SEP97	ND-89	Nuclear Density	Pond B	1	91	6.5	99.9		109.3					85% compaction req
24SEP97	SC-ND-89	Sand Cone	Pond B	1	90	5.7	98.7	1.2	109.3					85% compaction req
24SEP97	ND-90	Nuclear Density	Pond B	1	93	9.2	102.1		109.3					85% compaction req
24SEP97	ND-91	Nuclear Density	Pond B	1	92	8.3	101.1		109.3					85% compaction req
24SEP97	ND-92	Nuclear Density	Pond A	4	99	11.8	108.4		109.3					85% compaction req
24SEP97	ND-93	Nuclear Density	Pond A	4	89	11.4	97.4		109.3					85% compaction req
24SEP97	ND-94	Nuclear Density	Pond A	4	92	9.3	100.9		109.3					85% compaction req
24SEP97	SC-ND-94	Sand Cone	Pond A	4	94	7.2	102.4	-1.5	109.3					85% compaction req
24SEP97	ND-95	Nuclear Density	Pond A	4	96	9	104.7		109.3					85% compaction req
24SEP97	ND-96	Nuclear Density	Pond A	4	93	10.9	101.4		109.3					85% compaction req
24SEP97	ND-97	Nuclear Density	Pond A	4	93	8.9	111.5		109.3					85% compaction req
24SEP97	ND-98	Nuclear Density	Pond A	4	91	6.4	100.1		109.3					85% compaction req
24SEP97	ND-99	Nuclear Density	Pond A	4	94	9.8	112.6		119.8					85% compaction req
24SEP97	SC-ND-99	Sand Cone	Pond A	4	91	12.5	109.1	3.1	119.8					85% compaction req
24SEP97	ND-100	Nuclear Density	Pond A	4	89	12.7	107.6		119.8					85% compaction req
24SEP97	ND-101	Nuclear Density	Pond A	4	88	14.1	105.1		119.8					85% compaction req
24SEP97	ND-102	Nuclear Density	Pond A	4	92	10.2	101		119.8					85% compaction req
24SEP97	ND-103	Nuclear Density	Pond A	4	88	17.7	105.8		119.8					85% compaction req
26SEP97	FW-P2-97	Proctor/Class/LL	Soil Borrow Pit						114.6	9.1	NV	NP	ML	N/A
30SEP97	ND-104	Nuclear Density	Pond B	1	92.8	4.5	106.3		114.6					85% compaction req
30SEP97	SC-ND-104	Sand Cone	Pond B	1	91.8	4.2	105.3	0.9	114.6					85% compaction req
30SEP97	ND-105	Nuclear Density	Pond B	1	92.7	3.9	106.2		114.6					85% compaction req

SEWAGE LAGOONS FI[illegible] CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
30SEP97	ND-106	Nuclear Density	Pond B	1	89.7	4	102.8		114.6					85% compaction req
30SEP97	ND-107	Nuclear Density	Pond B	1	99.2	5.5	113.7		114.6					85% compaction req
30SEP97	ND-108	Nuclear Density	Pond B	1	96.7	4.5	110.8		114.6					85% compaction req
30SEP97	ND-109	Nuclear Density	Pond B	1	90.3	4.5	103.4		114.6					85% compaction req
30SEP97	SC-ND-109	Sand Cone	Pond B	1	89.5	3.9	102.6	0.8	114.6					85% compaction req
30SEP97	ND-110	Nuclear Density	Pond B	2	95	7	108.9		114.6					85% compaction req
30SEP97	ND-111	Nuclear Density	Pond B	2	99.5	7	114		114.6					85% compaction req
30SEP97	ND-112	Nuclear Density	Pond B	2	90.7	4.5	103.9		114.6					85% compaction req
30SEP97	ND-113	Nuclear Density	Pond B	2	88.5	4	101.4		114.6					85% compaction req
06OCT97	ND-114	Nuclear Density	Pond D	1	88.6	6.2	107.3		121.1					85% compaction req
06OCT97	SC-ND-114	Sand Cone	Pond D	1	93.1	6.9	112.8	-5.1	121.1					85% compaction req
06OCT97	ND-115	Nuclear Density	Pond D	1	92.6	6.5	112.1		121.1					85% compaction req
06OCT97	ND-116	Nuclear Density	Pond D	1	96.7	6	117.1		121.1					85% compaction req
06OCT97	ND-117	Nuclear Density	Pond D	1	92.6	6.2	112.1		121.1					85% compaction req
06OCT97	ND-118	Nuclear Density	Pond D	1	93.2	8.5	112.9		121.1					85% compaction req
06OCT97	ND-119	Nuclear Density	Pond D	1	95.6	8	115.7		121.1					85% compaction req
06OCT97	SC-ND-119	Sand Cone	Pond D	1	94.7	5.6	114.6	1.0	121.1					85% compaction req
06OCT97	ND-120	Nuclear Density	Pond D	1	95.4	8.3	115.5		121.1					85% compaction req
06OCT97	ND-121	Nuclear Density	Pond D	1	90.6	6.5	109.7		121.1					85% compaction req
06OCT97	ND-122	Nuclear Density	Pond D	1	89.8	6.2	108.8		121.1					85% compaction req
06OCT97	ND-123	Nuclear Density	Pond D	1	94.7	8.6	113.4		121.1					85% compaction req
06OCT97	ND-124	Nuclear Density	Pond D	1	98.1	8.6	118.7		121.1					85% compaction req
06OCT97	SC-ND-124	Sand Cone	Pond D	1	96.6	9.1	117	1.4	121.1					85% compaction req
06OCT97	ND-125	Nuclear Density	Pond D	1	91.8	8	111.2		121.1					85% compaction req
06OCT97	ND-126	Nuclear Density	Pond D	1	96.2	8.2	116.5		121.1					85% compaction req
06OCT97	ND-127	Nuclear Density	Pond D	1	95.6	7.6	115.8		121.1					85% compaction req
06OCT97	FW-P5-97	Proctor/Class/LL	Soil Borrow Pit						110.9	11.3	S/NP	S/NP	SM	N/A
06OCT97	FW-G1-97	Gradation	Crushed river gravel											FAILED
07OCT97	ND-128	Nuclear Density	Pond D	1	99	7	119.9		121.1					85% compaction req
07OCT97	ND-129	Nuclear Density	Pond D	1	91.2	7.6	110.5		121.1					85% compaction req
07OCT97	SC-ND-129	Sand Cone	Pond D	1	92.2	6.8	111.7	-1.1	121.1					85% compaction req
07OCT97	ND-130	Nuclear Density	Pond D	1	99	7.6	120.7		121.9					85% compaction req
07OCT97	ND-131	Nuclear Density	Pond D	1	95.6	7.3	115.8		121.1					85% compaction req
07OCT97	ND-132	Nuclear Density	Pond D	1	99.3	7.5	120.2		121.1					85% compaction req
07OCT97	ND-133	Nuclear Density	Pond D	1	94.7	8	114.7		121.1					85% compaction req
07OCT97	SC-ND-133	Sand Cone	Pond D	1	91.5	9.8	110.7	3.5	121.1					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
07OCT97	ND-134	Nuclear Density	Pond D	1	85	7.2	102.9		121.1					85% compaction req
07OCT97	ND-135	Nuclear Density	Pond D	1	97.5	7.5	118.1		121.1					85% compaction req
07OCT97	ND-136	Nuclear Density	Pond D	1	90.4	7.3	109.5		121.1					85% compaction req
07OCT97	ND-137	Nuclear Density	Pond D	1	95.1	6.8	115.1		121.1					85% compaction req
07OCT97	ND-138	Nuclear Density	Pond D	1	97.3	7	117.9		121.1					85% compaction req
07OCT97	SC-ND-138	Sand Cone	Pond D	1	95.7	7.1	115.9	1.7	121.1					85% compaction req
07OCT97	ND-139	Nuclear Density	Pond D	1	90.5	7	109.6		121.1					85% compaction req
07OCT97	ND-140	Nuclear Density	Pond D	1	85.9	7.3	104		121.1					85% compaction req
09OCT97	ND-141	Nuclear Density	Pond B	2	92.7	12.6	102.6		110.9					85% compaction req
09OCT97	ND-142	Nuclear Density	Pond B	2	90.4	8.1	100.3		110.9					85% compaction req
09OCT97	ND-143	Nuclear Density	Pond B	2	94.1	6	104.4		110.9					85% compaction req
09OCT97	SC-ND-143	Sand Cone	Pond B	2	90.9	4.9	100.8	3.4	110.9					85% compaction req
09OCT97	ND-144	Nuclear Density	Pond B	2	88.9	7.7	98.6		110.9					85% compaction req
09OCT97	ND-145	Nuclear Density	Pond B	2	94.5	6.8	104.8		110.9					85% compaction req
09OCT97	ND-146	Nuclear Density	Pond B	2	100	10.7	110.9		110.9					85% compaction req
09OCT97	ND-147	Nuclear Density	Pond B	2	88.4	12.4	98		110.9					85% compaction req
09OCT97	ND-148	Nuclear Density	Pond B	2	95.5	8.7	105.9		110.9					85% compaction req
09OCT97	SC-ND-148	Sand Cone	Pond B	2	93.5	6	103.7	2.1	110.9					85% compaction req
09OCT97	ND-149	Nuclear Density	Pond B	2	89.2	6.6	98.9		110.9					85% compaction req
09OCT97	ND-150	Nuclear Density	Pond B	2	96.4	6.9	107.4		110.9					85% compaction req
09OCT97	ND-151	Nuclear Density	Pond B	2	93.6	6.1	103.8		110.9					85% compaction req
09OCT97	ND-152	Nuclear Density	Pond B	2	95.4	6.9	105.7		110.9					85% compaction req
09OCT97	ND-153	Nuclear Density	Pond B	2	89.1	11.5	98.8		110.9					85% compaction req
09OCT97	SC-ND-153	Sand Cone	Pond B	2	89.5	10.5	99.3	-0.5	110.9					85% compaction req
09OCT97	ND-154	Nuclear Density	Pond B	2	91.1	5.3	101.1		110.9					85% compaction req
09OCT97	ND-155	Nuclear Density	Pond B	2	90.2	8.2	100		110.9					85% compaction req
09OCT97	ND-156	Nuclear Density	Pond B	2	96.5	16.4	107		110.9					85% compaction req
09OCT97	ND-157	Nuclear Density	Pond C	1	93.3	8.4	113.8		121.1					85% compaction req
09OCT97	ND-158	Nuclear Density	Pond C	1	94.1	9.5	114		121.1					85% compaction req
09OCT97	SC-ND-158	Sand Cone	Pond C	1	91.7	7.6	111.1	2.5	121.1					85% compaction req
09OCT97	ND-159	Nuclear Density	Pond C	1	92.7	10.5	112.3		121.1					85% compaction req
09OCT97	ND-160	Nuclear Density	Pond C	1	92.2	6.1	111.7		121.1					85% compaction req
09OCT97	ND-161	Nuclear Density	Pond C	1	87.8	17.4	106.3		121.1					85% compaction req
09OCT97	ND-162	Nuclear Density	Pond C	1	85.8	17.8	103.4		121.1					85% compaction req
09OCT97	FW-P4-97	Proctor/Class/LL	South berm Pond C						111.8	11.1	S/NP	S/NP	SM	N/A
09OCT97	FW-P3-97	Proctor/Class/LL	West berm Pond C						104.7	12.4	S/NP	S/NP	SM	N/A

SEWAGE LAGOONS FIN CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
10OCT97	ND-163	Nuclear Density	Pond C	1	87.9	13	106.5		121.1					85% compaction req
10OCT97	SC-ND-163	Sand Cone	Pond C	1	85.7	14.5	103.8	2.5	121.1					85% compaction req
10OCT97	ND-164	Nuclear Density	Pond C	1	99.7	8	120.7		121.1					85% compaction req
10OCT97	ND-165	Nuclear Density	Pond C	1	92.9	11	112.5		121.1					85% compaction req
10OCT97	ND-166	Nuclear Density	Pond C	1	87.4	7.6	105.9		121.1					85% compaction req
10OCT97	ND-167	Nuclear Density	Pond C	1	94.7	6	114.7		121.1					85% compaction req
10OCT97	ND-168	Nuclear Density	Pond C	1	98.7	7.4	119.5		121.1					85% compaction req
10OCT97	SC-ND-168	Sand Cone	Pond C	1	94.6	9.4	114.6	4.1	121.1					85% compaction req
10OCT97	ND-169	Nuclear Density	Pond C	1	89.8	12.3	108.8		121.1					85% compaction req
10OCT97	ND-170	Nuclear Density	Pond C	1	87.5	11.5	106		121.1					85% compaction req
10OCT97	ND-171	Nuclear Density	Pond C	1	86	13.1	104.1		121.1					85% compaction req
10OCT97	ND-172	Nuclear Density	Pond C	1	90.4	7.8	109.5		121.1					85% compaction req
10OCT97	ND-173	Nuclear Density	Pond C	1	88.9	7.8	107.6		121.1					85% compaction req
10OCT97	SC-ND-173	Sand Cone	Pond C	1	94.8	6.2	114.8	-6.7	121.1					85% compaction req
10OCT97	ND-174	Nuclear Density	Pond C	1	88.9	6.3	107.6		121.1					85% compaction req
10OCT97	ND-175	Nuclear Density	Pond C	1	88	10.3	106.6		121.1					85% compaction req
10OCT97	ND-176	Nuclear Density	Pond C	1	89.8	12.5	108.8		121.1					85% compaction req
10OCT97	ND-178	Nuclear Density	Pond C	1	89	9.1	107.8		121.1					85% compaction req
10OCT97	SC-ND-178	Sand Cone	Pond C	1	85.6	9.8	103.6	3.9	121.1					85% compaction req
10OCT97	ND-179	Nuclear Density	Pond C	1	90.4	12.8	109.5		121.1					85% compaction req
14OCT97	ND-180	Nuclear Density	Pond B	3	96.7	9.1	107.2		110.9					85% compaction req
14OCT97	ND-181	Nuclear Density	Pond B	3	97.2	6	107.8		110.9					85% compaction req
14OCT97	ND-182	Nuclear Density	Pond B	3	97.6	11.1	108.3		110.9					85% compaction req
14OCT97	ND-183	Nuclear Density	Pond B	3	97.3	8.1	107.9		110.9					85% compaction req
14OCT97	SC-ND-183	Sand Cone	Pond B	3	93.3	7.6	102.7	4.8	110.9					85% compaction req
14OCT97	ND-184	Nuclear Density	Pond B	3	95.6	5.1	106		110.9					85% compaction req
14OCT97	ND-185	Nuclear Density	Pond B	3	93.3	7.6	103.4		110.9					85% compaction req
14OCT97	ND-186	Nuclear Density	Pond C	1	99.9	12.6	104.6		104.7					85% compaction req
14OCT97	ND-187	Nuclear Density	Pond C	1	97.6	11.8	102.1		104.7					85% compaction req
14OCT97	ND-188	Nuclear Density	Pond C	1	100.8	12.7	105.5		104.7					85% compaction req
14OCT97	SC-ND-188	Sand Cone	Pond C	1	97.1	13.8	101.7	3.6	104.7					85% compaction req
14OCT97	ND-189	Nuclear Density	Pond C	1	100	13.1	104.7		104.7					85% compaction req
14OCT97	ND-190	Nuclear Density	Pond C	1	101.8	15.9	106.6		104.7					85% compaction req
14OCT97	FW-G2-97	Gradation	Mesa Verde											failed on grad. 1" & 1/8'
20OCT97	ND-191	Nuclear Density	Pond C	2	95.8	9.8	107.1		111.8					85% compaction req
20OCT97	ND-192	Nuclear Density	Pond C	2	93.9	12.8	105		111.8					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
20OCT97	ND-193	Nuclear Density	Pond C	2	99.2	12.3	110.9		111.8					85% compaction req
20OCT97	SC-ND-193	Sand Cone	Pond C	2	98	12.5	109.6	1.2	111.8					85% compaction req
20OCT97	ND-194	Nuclear Density	Pond C	2	90.9	13.8	101.7		111.8					85% compaction req
20OCT97	ND-195	Nuclear Density	Pond C	2	86.2	7.8	96.4		111.8					85% compaction req
20OCT97	ND-196	Nuclear Density	Pond C	2	92.4	7.6	103.4		111.8					85% compaction req
20OCT97	ND-197	Nuclear Density	Pond C	2	90.8	8.5	101.6		111.8					85% compaction req
20OCT97	ND-198	Nuclear Density	Pond E	1	89.7	7.2	100.3		111.8					85% compaction req
20OCT97	SC-ND-198	Sand Cone	Pond E	1	87.6	6.6	97.9	2.4	111.8					85% compaction req
20OCT97	ND-199	Nuclear Density	Pond E	1	85.5	7	95.7		111.8					85% compaction req
20OCT97	ND-200	Nuclear Density	Pond E	1	94.9	12.8	106.1		111.8					85% compaction req
20OCT97	ND-201	Nuclear Density	Pond E	1	89.3	9	99.9		111.8					85% compaction req
20OCT97	ND-202	Nuclear Density	Pond E	1	93.8	12.7	104.9		111.8					85% compaction req
23OCT97	FW-P6-97	Proctor/Class/LL	West berm Pond D						113	10.6	S/NP	S/NP	SM	N/A
23OCT97	FW-P7-97	Proctor/Class/LL	SW berm of Pond C						107.2	12.2	S/NP	S/NP	SM	N/A
24OCT97	ND-203	Nuclear Density	Pond E	1	94.2	7.9	106.4		113					85% compaction req
24OCT97	SC-ND-203	Sand Cone	Pond E	1	95.3	7.1	107.7	-1.2	113					85% compaction req
24OCT97	ND-204	Nuclear Density	Pond E	1	92.4	12.6	104.4		113					85% compaction req
24OCT97	ND-205	Nuclear Density	Pond E	1	94.5	11.7	106.8		113					85% compaction req
24OCT97	ND-206	Nuclear Density	Pond E	1	98.9	8	111.9		113					85% compaction req
24OCT97	ND-207	Nuclear Density	Pond E	1	94.4	7.4	106.7		113					85% compaction req
24OCT97	ND-208	Nuclear Density	Pond E	1	94	12.5	106.2		113					85% compaction req
24OCT97	SC-ND-208	Sand Cone	Pond E	1	87.3	14.4	98.7	7.1	113					85% compaction req
24OCT97	ND-209	Nuclear Density	Pond E	1	95	9	107.3		113					85% compaction req
24OCT97	ND-210	Nuclear Density	Pond E	1	97.9	7.9	110.6		113					85% compaction req
24OCT97	ND-211	Nuclear Density	Pond E	1	94	8.2	106.2		113					85% compaction req
24OCT97	ND-212	Nuclear Density	Pond E	1	95.5	12.4	107.9		113					85% compaction req
24OCT97	ND-213	Nuclear Density	Pond E	1	93	13	105.1		113					85% compaction req
24OCT97	SC-ND-213	Sand Cone	Pond E	1	94	14.5	106.2	-1.0	113					85% compaction req
24OCT97	ND-214	Nuclear Density	Pond E	1	96.4	11.2	109		113					85% compaction req
24OCT97	ND-215	Nuclear Density	Pond E	1	96.4	11.2	109		113					85% compaction req
24OCT97	ND-216	Nuclear Density	Pond E	1	98.2	12	111.1		113					85% compaction req
24OCT97	ND-217	Nuclear Density	Pond E	1	96.7	8.9	109.2		113					85% compaction req
24OCT97	ND-218	Nuclear Density	Pond E	1	89.5	13.9	101.1		113					85% compaction req
24OCT97	SC-ND-218	Sand Cone	Pond E	1	96	12.3	108.5	-7.3	113					85% compaction req
24OCT97	ND-219	Nuclear Density	Pond E	1	95	12	107.4		113					85% compaction req
24OCT97	ND-220	Nuclear Density	Pond E	1	97.4	8.8	110.1		113					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
24OCT97	ND-221	Nuclear Density	Pond E	1	94.9	11.2	107.1		113					85% compaction req
28OCT97	FW-G3-97	Gradation	Mesa Verde											failed on grad. 1" & 1/8'
29OCT97	ND-222	Nuclear Density	Pond E	2	99.3	7.9	112.2		113					85% compaction req
29OCT97	ND-223	Nuclear Density	Pond E	2	99	8.1	111.8		113					85% compaction req
29OCT97	SC-ND-223	Sand Cone	Pond E	2	99.1	9.6	111.9	-0.1	113					85% compaction req
29OCT97	ND-224	Nuclear Density	Pond E	2	99.7	8.6	112.7		113					85% compaction req
29OCT97	ND-225	Nuclear Density	Pond E	2	97.8	7.1	110.6		113					85% compaction req
29OCT97	ND-226	Nuclear Density	Pond E	2	96.4	7	108.9		113					85% compaction req
29OCT97	ND-227	Nuclear Density	Pond E	2	95.2	6.8	107.6		113					85% compaction req
29OCT97	ND-228	Nuclear Density	Pond E	2	99.6	7.1	112.5		113					85% compaction req
29OCT97	SC-ND-228	Sand Cone	Pond E	2	94.5	8.1	106.8	5.1	113					85% compaction req
29OCT97	ND-229	Nuclear Density	Pond E	2	99.8	9	112.8		113					85% compaction req
29OCT97	ND-230	Nuclear Density	Pond E	2	98.6	8.4	111.4		113					85% compaction req
30OCT97	ND-231	Nuclear Density	Pond E	2	90.7	7	109.8		121.1					85% compaction req
30OCT97	ND-232	Nuclear Density	Pond E	2	93	6.9	112.6		121.1					85% compaction req
30OCT97	ND-233	Nuclear Density	Pond E	2	92.7	6.9	112.3		121.1					85% compaction req
30OCT97	SC-ND-233	Sand Cone	Pond E	2	90.4	7	109.5	2.5	121.1					85% compaction req
30OCT97	ND-234	Nuclear Density	Pond E	2	97.1	9.1	117.7		121.1					85% compaction req
30OCT97	ND-235	Nuclear Density	Pond E	2	93.5	6.9	113.2		121.1					85% compaction req
30OCT97	ND-236	Nuclear Density	Pond E	2	93.6	9.2	113.4		121.1					85% compaction req
30OCT97	ND-237	Nuclear Density	Pond E	2	95	8.9	105.4		110.9					85% compaction req
30OCT97	ND-238	Nuclear Density	Pond E	2	87	5.5	96.5		110.9					85% compaction req
30OCT97	SC-ND-238	Sand Cone	Pond E	2	95.9	10.2	95.9	0.6	110.9					85% compaction req
30OCT97	ND-239	Nuclear Density	Pond E	2	93.6	8.8	103.8		110.9					85% compaction req
30OCT97	ND-240	Nuclear Density	Pond E	2	96.3	9.5	106.8		110.9					85% compaction req
30OCT97	FW-P8-97	Proctor/Class/LL	Base Soil Borrow Pit						108.4	6.2	S/NP	S/NP	SM	N/A
31OCT97	FW-G6-97	Gradation	2" from Mesa Verde											failed 2",13/4" & 1/8"
03NOV97	ND-241	Nuclear Density	Pond E	2	98.9	4.9	107.2		108.4					85% compaction req
03NOV97	ND-242	Nuclear Density	Pond E	2	99.6	4.5	108		108.4					85% compaction req
03NOV97	ND-243	Nuclear Density	Pond E	2	95	6.2	103		108.4					85% compaction req
03NOV97	SC-ND-243	Sand Cone	Pond E	2	94.7	7.4	102.6	0.4	108.4					85% compaction req
03NOV97	ND-244	Nuclear Density	Pond E	2	99.9	4.5	108.3		108.4					85% compaction req
03NOV97	FW-G4-97	Gradation	2" from Mesa Verde											FAILED
04NOV97	FW-G5-97	Gradation	2" from Mesa Verde											PASSED
04NOV97	ND-245	Nuclear Density	Pond B	3	98.3	5.3	119.1		121.1					85% compaction req
04NOV97	ND-246	Nuclear Density	Pond B	3	94.8	5	114.8		121.1					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
04NOV97	ND-247	Nuclear Density	Pond B	3	97.3	6.4	117.8		121.1					85% compaction req
04NOV97	ND-248	Nuclear Density	Pond B	3	92	6.4	102		110.9					85% compaction req
04NOV97	SC-ND-248	Sand Cone	Pond B	3	94.1	7.1	104.4	-2.4	110.9					85% compaction req
04NOV97	ND-249	Nuclear Density	Pond B	3	92.8	5.1	102.9		110.9					85% compaction req
04NOV97	ND-250	Nuclear Density	Pond B	3	98.5	5.1	109.2		110.9					85% compaction req
04NOV97	ND-251	Nuclear Density	Pond B	3	97.8	6.3	108.4		110.9					85% compaction req
04NOV97	ND-252	Nuclear Density	Pond B	3	98.5	4.8	109.2		110.9					85% compaction req
04NOV97	ND-253	Nuclear Density	Pond B	3	87.3	4.7	96.8		110.9					85% compaction req
04NOV97	SC-ND-253	Sand Cone	Pond B	3	88.6	5.2	98.3	-1.5	110.9					85% compaction req
04NOV97	ND-254	Nuclear Density	Pond B	3	97.4	4	108		110.9					85% compaction req
04NOV97	ND-255	Nuclear Density	Pond B	3	99.2	5.3	110		110.9					85% compaction req
04NOV97	ND-256	Nuclear Density	Pond B	3	92.3	5.1	111.8		121.1					85% compaction req
04NOV97	ND-257	Nuclear Density	Pond B	3	93	4	112.6		121.1					85% compaction req
04NOV97	ND-258	Nuclear Density	Pond B	3	93.5	4.7	113.2		121.1					85% compaction req
04NOV97	SC-ND-258	Sand Cone	Pond B	3	91.8	5.3	111.2	1.8	121.1					85% compaction req
04NOV97	ND-259	Nuclear Density	Pond B	3	95.3	6.9	115.4		121.1					85% compaction req
04NOV97	ND-260	Nuclear Density	Pond B	3	92.9	5	112.5		121.1					85% compaction req
04NOV97	ND-261	Nuclear Density	Pond B	3	93.6	7.5	113.4		121.1					85% compaction req
04NOV97	ND-262	Nuclear Density	Pond B	3	91.2	7.8	110.4		121.1					85% compaction req
05NOV97	ND-263	Nuclear Density	Pond B	3	90.9	7.5	110		121.1					85% compaction req
05NOV97	SC-ND-263	Sand Cone	Pond B	3	87.7	7.6	106.2	3.5	121.1					85% compaction req
05NOV97	ND-264	Nuclear Density	Pond B	3	91.4	4.7	110.7		121.1					85% compaction req
05NOV97	ND-265	Nuclear Density	Pond B	3	90.8	4.5	110		121.1					85% compaction req
05NOV97	ND-266	Nuclear Density	Pond B	4	90.3	5.3	109.4		121.1					85% compaction req
05NOV97	ND-267	Nuclear Density	Pond B	4	94.1	7	113.9		121.1					85% compaction req
05NOV97	ND-268	Nuclear Density	Pond B	4	89.6	7.3	108.5		121.1					85% compaction req
05NOV97	SC-ND-268	Sand Cone	Pond B	4	89.3	7.7	108.2	0.3	121.1					85% compaction req
17NOV97	ND-269	Nuclear Density	Pond D	2	97.7	7.5	110.4		113					85% compaction req
17NOV97	ND-270	Nuclear Density	Pond D	2	100	8	113		113					85% compaction req
17NOV97	ND-271	Nuclear Density	Pond D	2	96.5	7.7	109		113					85% compaction req
17NOV97	ND-272	Nuclear Density	Pond D	2	98.2	8	111.2		113					85% compaction req
17NOV97	ND-273	Nuclear Density	Pond D	2	95.3	7.7	107.7		113					85% compaction req
17NOV97	SC-ND-273	Sand Cone	Pond D	2	93.3	8.1	105.5	2.0	113					85% compaction req
17NOV97	ND-274	Nuclear Density	Pond D	2	88.9	6	107.7		121.1					85% compaction req
17NOV97	ND-275	Nuclear Density	Pond D	2	96	6.4	116.3		121.1					85% compaction req
17NOV97	ND-276	Nuclear Density	Pond D	2	91.7	6	111.1		121.1					85% compaction req

SEWAGE LAGOONS F[illegible]L CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
17NOV97	ND-277	Nuclear Density	Outside Pond D West Side	1	89.6	5.8	108.5		121.1					85% compaction req
17NOV97	ND-278	Nuclear Density	Outside Pond D West Side	1	94.2	5.8	114.1		121.1					85% compaction req
17NOV97	SC-ND-278	Sand Cone	Outside Pond D West Side	1	92.8	6.3	112.4	1.5	121.1					85% compaction req
24NOV97	ND-279	Nuclear Density	Pond D	1	95.6	6	108.8		113.8					85% compaction req
24NOV97	ND-280	Nuclear Density	Pond D	1	93.8	7.8	106.8		113.8					85% compaction req
24NOV97	ND-281	Nuclear Density	Pond D	1	92.3	5.8	105		113.8					85% compaction req
24NOV97	ND-282	Nuclear Density	Pond D	1	92.6	6	105.4		111.1					85% compaction req
24NOV97	ND-283	Nuclear Density	Pond D	1	96.3	6	109.6		113.8					85% compaction req
24NOV97	SC-ND-283	Sand Cone	Pond D	1	98	6.8	111.5	-1.7	113.8					85% compaction req
24NOV97	ND-284	Nuclear Density	Pond D	1	97.9	5.9	111.4		113.8					85% compaction req
24NOV97	ND-285	Nuclear Density	Pond D	1	97.6	7.2	111.1		113.8					85% compaction req
24NOV97	ND-286	Nuclear Density	Pond D	1	96.2	5.3	109.5		113.8					85% compaction req
24NOV97	ND-287	Nuclear Density	Pond D	1	99.1	8.6	112.8		113.8					85% compaction req
24NOV97	ND-288	Nuclear Density	Pond D	1	99.4	8.1	113.1		113.8					85% compaction req
24NOV97	SC-ND-288	Sand Cone	Pond D	1	99.4	8.9	113.1	0.0	113.8					85% compaction req
24NOV97	ND-289	Nuclear Density	Pond D	1	97.2	5.9	110.6		113.8					85% compaction req
24NOV97	ND-290	Nuclear Density	Pond D	1	92.6	5.5	105.4		113.8					85% compaction req
24NOV97	ND-291	Nuclear Density	Pond D	1	92.2	5.7	104.9		113.8					85% compaction req
24NOV97	ND-292	Nuclear Density	Pond D	1	92	7.1	104.7		113.8					85% compaction req
24NOV97	ND-293	Nuclear Density	Pond D	1	96.9	6.2	110.4		113.8					85% compaction req
24NOV97	SC-ND-293	Sand Cone	Pond D	1	94.8	6.4	107.9	2.3	113.8					85% compaction req
24NOV97	ND-294	Nuclear Density	Pond D	1	96.7	7.6	110.1		113.8					85% compaction req
24NOV97	ND-295	Nuclear Density	Outside Pond C West Side	1	93.4	5.2	101.2		108.4					85% compaction req
24NOV97	ND-296	Nuclear Density	Outside Pond C West Side	1	98.7	5	107		108.4					85% compaction req
24NOV97	ND-297	Nuclear Density	Outside Pond C West Side	1	90.4	11	109.5		121.1					85% compaction req
24NOV97	ND-298	Nuclear Density	Pond C	2	87.3	4.6	105.7		121.1					85% compaction req
24NOV97	SC-ND-298	Sand Cone	Pond C	2	92.8	5.9	112.4	-6.3	121.1					85% compaction req
24NOV97	ND-299	Nuclear Density	Pond C	2	90.3	5.1	109.3		121.1					85% compaction req
24NOV97	ND-300	Nuclear Density	Pond C	2	89.9	5	109		121.1					85% compaction req
24NOV97	ND-301	Nuclear Density	Pond C	2	97.2	6.2	117.7		121.1					85% compaction req
24NOV97	ND-302	Nuclear Density	Pond C	3	94.7	11	105.9		111.8					85% compaction req
24NOV97	ND-303	Nuclear Density	Pond C	3	97.7	11.3	109.3		111.8					85% compaction req
24NOV97	SC-ND-303	Sand Cone	Pond C	3	96.9	11.9	108.3	0.9	111.8					85% compaction req
24NOV97	ND-304	Nuclear Density	Pond C	3	99.1	10.1	109.8		113					85% compaction req
24NOV97	ND-305	Nuclear Density	Pond C	3	94.3	5.6	106.5		113					85% compaction req
24NOV97	ND-306	Nuclear Density	Pond C	3	97.2	10.1	109.8		113					85% compaction req

SEWAGE LAGOONS FINAL CLOSURE PROJECT
HOLLOMAN AIR FORCE BASE, NEW MEXICO
LOG OF GEOTECHNICAL SAMPLES, TESTS, AND RESULTS

Date Sampled	Sample ID	Type Test	Area	Lift Number	Compaction (%)	Moisture Content (%)	Dry Density (%)	Nuke vs. Sand Cone (%)	Proctor Maximum Dry Density (lb/ft^3)	Proctor Optimal Moisture Content (%)	Liquid limit	Plasticity Index	Soil Class.	Comments
24NOV97	ND-307	Nuclear Density	Pond C	3	95.8	10.7	108.2		113					85% compaction req
25NOV97	ND-308	Nuclear Density	Pond D	2	99.6	8.8	112.5		113					85% compaction req
25NOV97	SC-ND-308	Sand Cone	Pond D	2	96.9	9.1	109.5	2.7	113					85% compaction req
25NOV97	ND-309	Nuclear Density	Pond D	2	86.9	4	94.2		108.4					85% compaction req
25NOV97	ND-310	Nuclear Density	Pond E	2	95.3	4.3	103.3		108.4					85% compaction req
25NOV97	ND-311	Nuclear Density	Pond E	2	97.8	6.6	110.6		113					85% compaction req
25NOV97	ND-312	Nuclear Density	Pond E	3	94.6	5.8	102.5		108.4					85% compaction req
25NOV97	ND-313	Nuclear Density	Pond E	3	88.5	5.8	95.9		108.4					85% compaction req
25NOV97	SC-ND-313	Sand Cone	Pond E	3	91.1	6	98.8	-3.0	108.4					85% compaction req
25NOV97	ND-314	Nuclear Density	Pond E	3	90.5	4	98.5		108.4					85% compaction req
25NOV97	ND-315	Nuclear Density	Pond E	3	94.4	4.1	102.4		108.4					85% compaction req
25NOV97	ND-316	Nuclear Density	Pond E	3	98.5	5.7	106.8		108.4					85% compaction req
25NOV97	ND-317	Nuclear Density	Pond E	3	95.5	6.2	103.5		108.4					85% compaction req
25NOV97	ND-318	Nuclear Density	Pond E	3	88.7	4.5	96.2		108.4					85% compaction req
25NOV97	SC-ND-318	Sand Cone	Pond E	3	87.9	4.3	95.3	0.9	108.4					85% compaction req
25NOV97	ND-319	Nuclear Density	Pond E	3	91.7	4.8	99.5		108.4					85% compaction req
25NOV97	ND-320	Nuclear Density	Pond E	3	85.9	4	93.1		108.4					85% compaction req

PROCTOR/GRADATION/MOISTURE-DENSITY RELATIONSHIP RESULTS FOR FILL

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September 25, 1997
AEE Job No. 7719-000161

Mr. Dan Holmquist
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

★Revised★

Project: **Lagoon IRA**
Holloman AFB, NM

Lab No. 15913: Existing Subgrade, sandy silt, non plastic, red, sampled from the borrow pit by AEE on July 24, 1997.

SIEVE ANALYSIS

Sieve Size	Percent Passing
3/8 inch	100
No. 4	100
No. 10	99
No. 40	98
No. 200	21.8

LIQUID LIMIT (ASTM D4318)	NV
PLASTICITY INDEX (ASTM D4318)	NP
U.S. SOIL CLASSIFICATION (ASTM D2487)	SM
MOISTURE DENSITY RELATIONSHIP	(D698)
Maximum Dry Density	113.8
Optimum Moisture Content	8.2

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

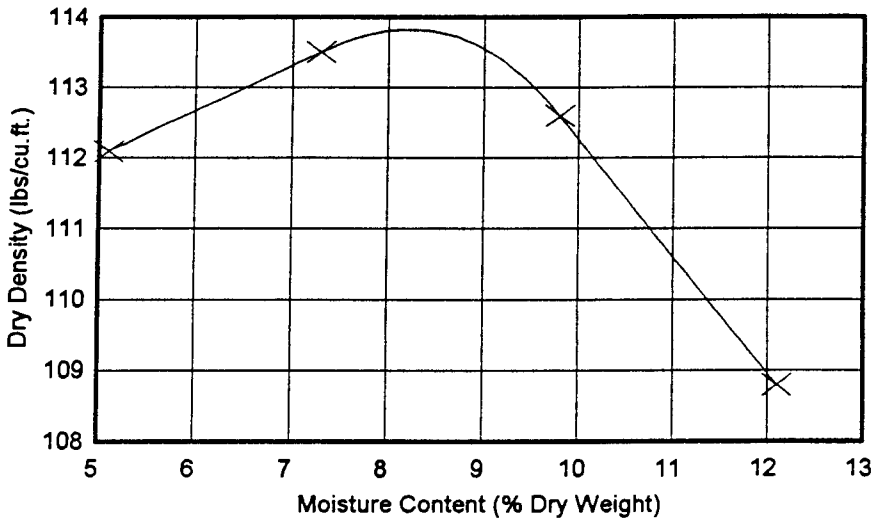
Summary of Moisture Density Relationship Tests

Project: Lagoon IRA
Holloman AFB N.M.

Job No. 7719-000161
Lab No. 15913

Test Designation: D698
Test Method: A
Material Description: Existing Subgrade

Preparation Method: Wet
Type of Rammer: Manual
Date: 07/24/97



Maximum Dry Density (lbs/cu.ft.): 113.8

Optimum Moisture Content (% of Dry Weight): 8.2

Maximum Dry Density For Oversize Particles (D4718): N/A

Corrected Moisture Content For Oversized Particles (D4718): N/A

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September 25, 1997
AEE Job No. 7719-000161

Mr. Dan Holmquist
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P.O. Box 540
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★Revised★

Project: **Lagoon IRA**
Holloman AFB, NM

Lab No. 15914: Existing Subgrade, sandy silt, low plasticity, tan, sampled from the Burm, between Lagoons A & B by AEE on July 24, 1997.

SIEVE ANALYSIS

Sieve Size	Percent Passing
3/8 inch	100
No. 4	99
No. 10	99
No. 40	96
No. 200	63.8

LIQUID LIMIT (ASTM D4318)	17
PLASTICITY INDEX (ASTM D4318)	1
U.S. SOIL CLASSIFICATION (ASTM D2487)	ML
MOISTURE DENSITY RELATIONSHIP	(D698)
Maximum Dry Density	125.2
Optimum Moisture Content	6.0

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

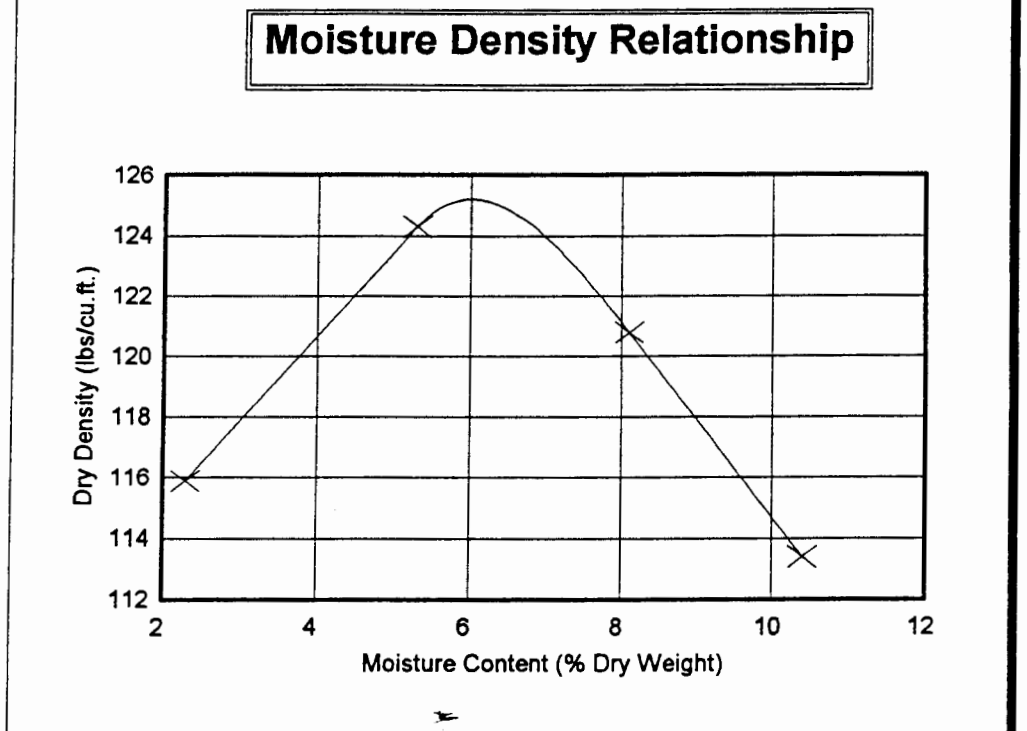
Summary of Moisture Density Relationship Tests

Project: **Lagoon IRA**
Holloman AFB N.M.

Job No. **7719-000161**
Lab No. **15914**

Test Designation: D698
Test Method: A
Material Description: Existing Subgrade

Preparation Method: Wet
Type of Rammer: Manual
Date: 07/24/97



Maximum Dry Density (lbs/cu.ft.): **125.2**

Optimum Moisture Content (% of Dry Weight): **6**

Maximum Dry Density For Oversize Particles (D4718): **N/A**

Corrected Moisture Content For Oversized Particles (D4718): **N/A**

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AEE Job No. 7719-000161

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★Revised★

Project: **Lagoon IRA**
Holloman AFB, NM

Lab No. 15915: Existing Subgrade, sandy silt, non plastic, tan, sampled from the Burm, between Lagoons C & E by AEE on July 24, 1997.

SIEVE ANALYSIS

Sieve Size	Percent Passing
3/4 inch	100
½ inch	99
3/8 inch	99
No. 4	98
No. 10	97
No. 40	92
No. 200	48.9

LIQUID LIMIT (ASTM D4318)	NV
PLASTICITY INDEX (ASTM D4318)	NP
U.S. SOIL CLASSIFICATION (ASTM D2487)	SM
MOISTURE DENSITY RELATIONSHIP	(D698)
Maximum Dry Density	121.9
Optimum Moisture Content	6.8

Kevin P. Salcido

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

Summary of Moisture Density Relationship Tests

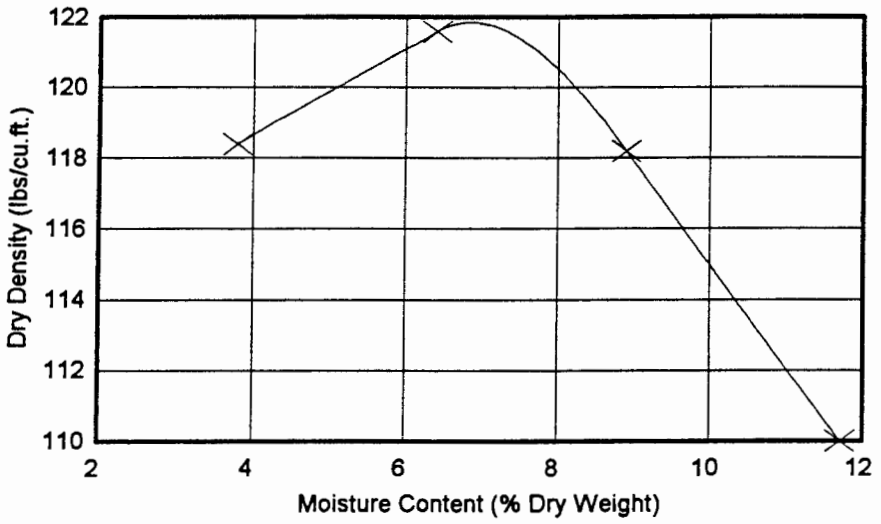
Project: **Lagoon IRA**
Holloman AFB N.M.

Job No. **7719-000161**
Lab No. **15915**

Test Designation: D698
Test Method: A
Material Description: Existing subgrade

Preparation Method: Wet
Type of Rammer: Manual
Date: 07/24/97

Moisture Density Relationship



Maximum Dry Density (lbs/cu.ft.): **121.9**

Optimum Moisture Content (% of Dry Weight): **6.8**

Maximum Dry Density For Oversize Particles (D4718): **N/A**

Corrected Moisture Content For Oversized Particles (D4718): **N/A**

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September 25, 1997
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★Revised★

Project: **Lagoon IRA**
Holloman AFB, NM

Lab No. 15916: Existing Subgrade, sandy silt, non plastic, tan, sampled from the Burm, between Lagoons A & C by AEE on July 24, 1997.

SIEVE ANALYSIS

Sieve Size	Percent Passing
3/4 inch	100
½ inch	99
3/8 inch	99
No. 4	98
No. 10	98
No. 40	94
No. 200	45.9

LIQUID LIMIT (ASTM D4318)	NV
PLASTICITY INDEX (ASTM D4318)	NP
U.S. SOIL CLASSIFICATION (ASTM D2487)	SM
MOISTURE DENSITY RELATIONSHIP	(D698)
Maximum Dry Density	119.8
Optimum Moisture Content	7.8

Kevin P Salcido

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

Summary of Moisture Density Relationship Tests

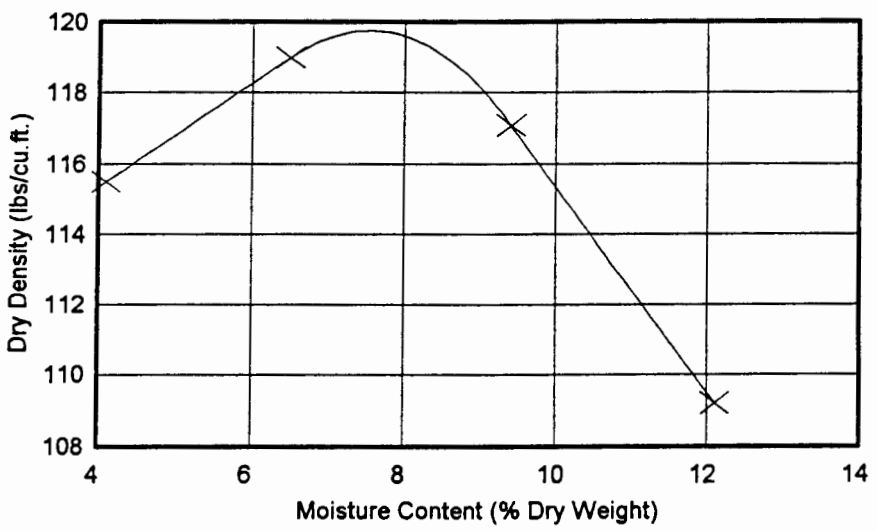
Project: **Lagoon IRA**
Holloman AFB N.M.

Job No. **7719-000161**
Lab No. **15916**

Test Designation: D698
Test Method: A
Material Description: Existing subgrade

Preparation Method: Wet
Type of Rammer: Manual
Date: 07/24/97

Moisture Density Relationship



Maximum Dry Density (lbs/cu.ft.): **119.8**

Optimum Moisture Content (% of Dry Weight): **7.5**

Maximum Dry Density For Oversize Particles (D4718): **N/A**

Corrected Moisture Content For Oversized Particles (D4718): **N/A**

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September 25, 1997
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★Revised★

Project: **Lagoon IRA**
Holloman AFB, NM

Lab No. 15918: Existing Subgrade, sandy silt, low plasticity, tan, sampled from the West Side of Lagoon C by AEE on July 24, 1997.

SIEVE ANALYSIS

Sieve Size	Percent Passing
3/8 inch	100
No. 4	99
No. 10	97
No. 40	92
No. 200	59.4

LIQUID LIMIT (ASTM D4318)	15
PLASTICITY INDEX (ASTM D4318)	1
U.S. SOIL CLASSIFICATION (ASTM D2487)	SM
MOISTURE DENSITY RELATIONSHIP	(D698)
Maximum Dry Density	121.1
Optimum Moisture Content	6.9

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

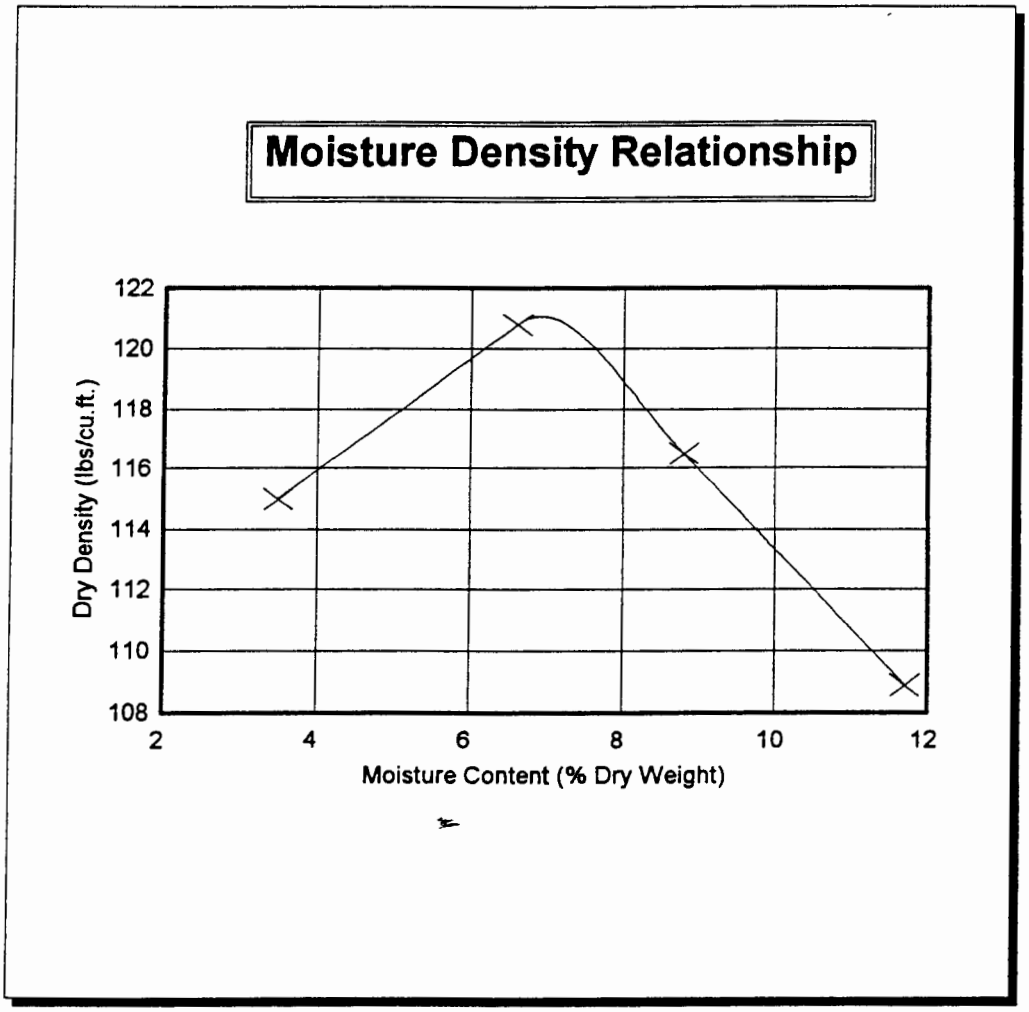
Summary of Moisture Density Relationship Tests

Project: Lagoon IRA
Holloman AFB N.M.

Job No. 7719-000161
Lab No. 15918

Test Designation: D698
Test Method: C
Material Description: Existing subgrade

Preparation Method: Wet
Type of Rammer: Manual
Date: 07/16/97



Maximum Dry Density (lbs/cu.ft.): 121.1

Optimum Moisture Content (% of Dry Weight): 6.9

Maximum Dry Density For Oversize Particles (D4718): N/A

Corrected Moisture Content For Oversized Particles (D4718): N/A

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★Revised★

Project: **Lagoon IRA**
Holloman AFB, NM

Lab No. 15935: Borrow Material, silty sand, non plastic, red, sampled from the Borrow Pit by AEE on August 27, 1997.

SIEVE ANALYSIS

Sieve Size	Percent Passing
1 inch	100
3/4 inch	97
½ inch	97
3/8 inch	97
No. 4	97
No. 10	95
No. 40	91
No. 200	30.1

LIQUID LIMIT (ASTM D4318)	NV
PLASTICITY INDEX (ASTM D4318)	NP
U.S. SOIL CLASSIFICATION (ASTM D2487)	SM
MOISTURE DENSITY RELATIONSHIP	(D698)
Maximum Dry Density	104.4
Optimum Moisture Content	12.4

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

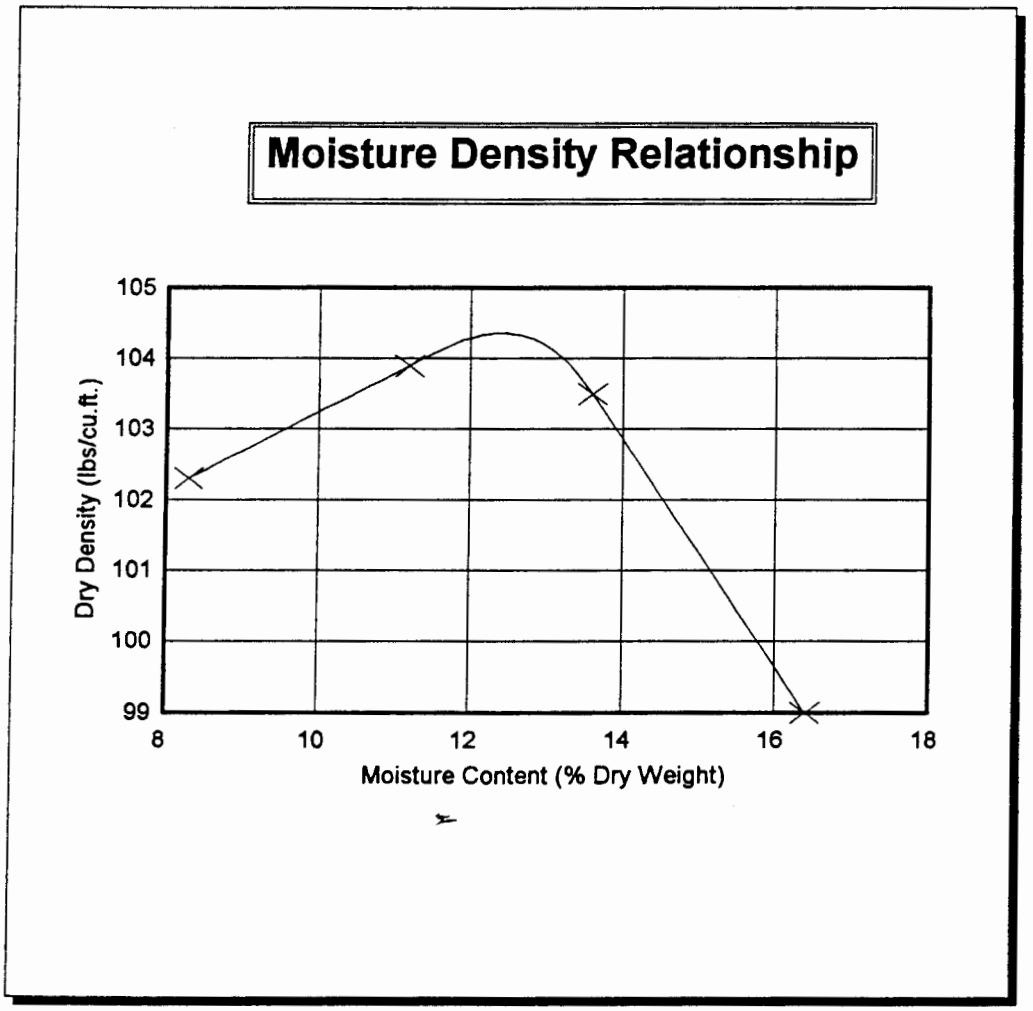
Summary of Moisture Density Relationship Tests

Project: Lagoon IRA
Holloman AFB, N.M.

Job No. 7719-000161
Lab No. 15935

Test Designation: D698
Test Method: A
Material Description: Borrow Material

Preparation Method: Wet
Type of Rammer: Manual
Date: 08/28/97



Maximum Dry Density (lbs/cu.ft.): 104.4

Optimum Moisture Content (% of Dry Weight): 12.4

Maximum Dry Density For Oversize Particles (D4718): N/A

Corrected Moisture Content For Oversized Particles (D4718): N/A

AGRA Earth & Environmental
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AGRA Earth &
Environmental, Inc.
125 Montoya Road
El Paso, Texas 79932
Tel: (915) 585-2472
Fax: (915) 585-2626

September 4, 1997
AEE Job No. 7719-000161

Mr. Dan Holmquist
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

Project: Lagoon IRA
Holloman AFB, NM

Lab No. 15930: Borrow Material, sandy silt, non plastic, tan, sampled from the Borrow Pit by AEE on August 24, 1997.

SIEVE ANALYSIS

Sieve Size	Percent Passing
1 ½ inch	100
1 inch	96
3/4 inch	96
½ inch	95
3/8 inch	94
No. 4	89
No. 10	84
No. 40	75
No. 200	50.5

LIQUID LIMIT	NV
PLASTICITY INDEX	NP
U.S. SOIL CLASSIFICATION	ML
MOISTURE DENSITY RELATIONSHIP	(D698)
Maximum Dry Density	105.6
Optimum Moisture Content	12.1

cc: Addressee (2)

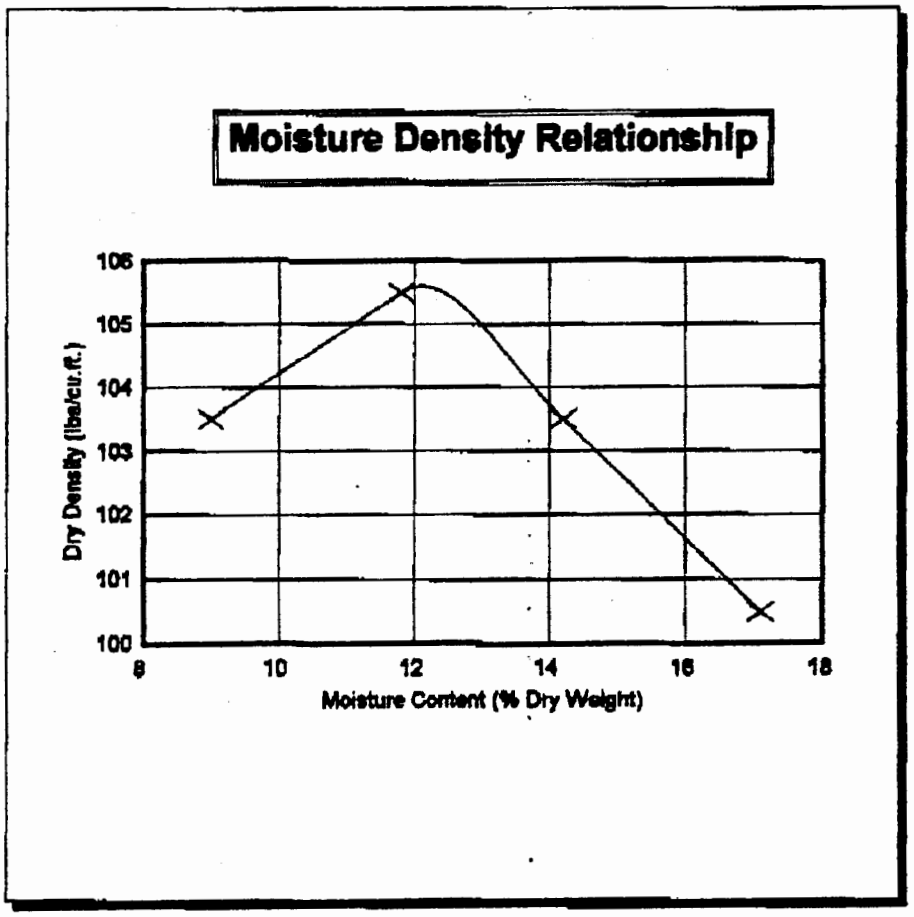
Summary of Moisture Density Relationship Tests

Project: Sewage Lagoon IRA
Holloman AFB, N.M.

Job No. 7719-000161
Lab No. 15930

Test Designation: D698
Test Method: A
Material Description: Borrow Material

Preparation Method: Wet
Type of Rammer: Manual
Date: 08/24/97



Maximum Dry Density (lbs/cu.ft.): 105.6

Optimum Moisture Content (% of Dry Weight): 12.1

Maximum Dry Density For Oversize Particles (D4718): N/A

Corrected Moisture Content For Oversized Particles (D4718): N/A

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AGRA Earth &
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128 Montoya Road
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September 10, 1997
AEE Job No. 7719-000161

Mr. Dan Holmquist
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

Project: **Lagoon IRA**
Holloman AFB, NM

Lab No. 15937: Borrow Material, silty sand, non plastic, red, sampled from the Borrow Pit by AEE on September 3, 1997.

SIEVE ANALYSIS

Sieve Size	Percent Passing
3/8 inch	100
No. 4	99
No. 10	98
No. 40	95
No. 200	29.1

LIQUID LIMIT	NV
PLASTICITY INDEX	NP
U.S. SOIL CLASSIFICATION	SM
MOISTURE DENSITY RELATIONSHIP	(D698)
Maximum Dry Density	103.7
Optimum Moisture Content	13.0

cc: Addressee (2)

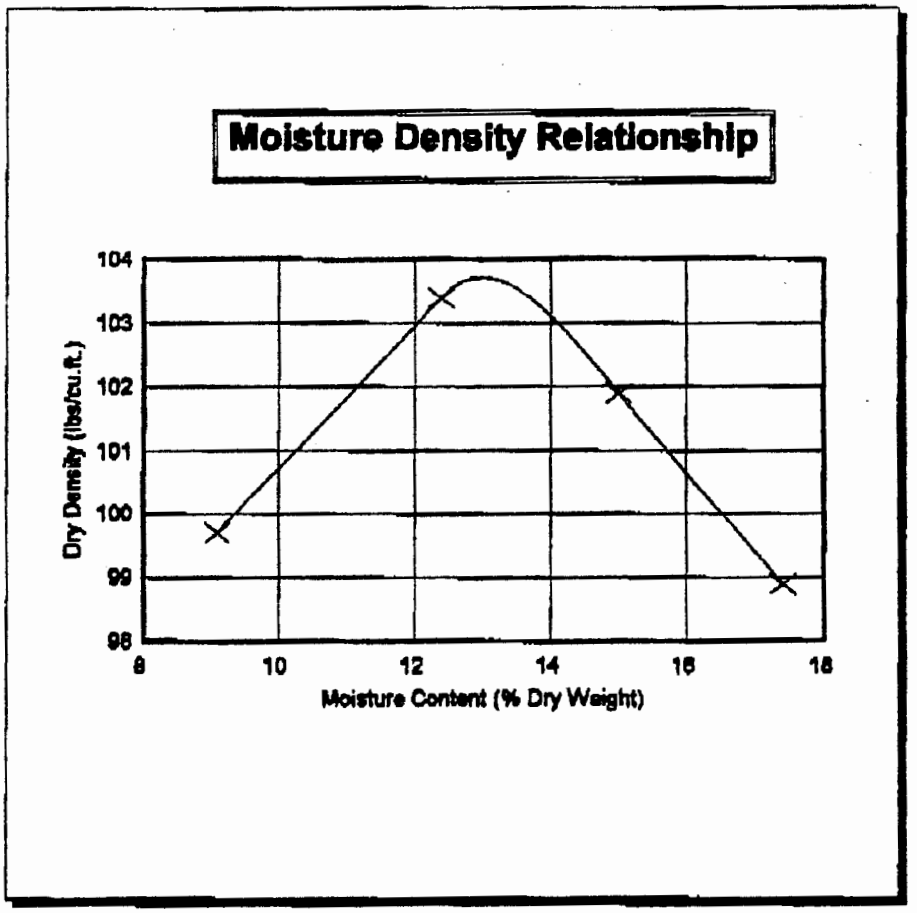
Summary of Moisture Density Relationship Tests

Project: Lagoon IRA
Holloman AFB, NM

Job No. 7719-000161
Lab No. 15937

Test Designation: D1557
Test Method: A
Material Description: Borrow Material

Preparation Method: Wet
Type of Rammer: Manual
Date: 09/03/97



Maximum Dry Density (lbs/cu.ft.): 103.7

Optimum Moisture Content (% of Dry Weight): 13

Maximum Dry Density For Oversize Particles (D4718): N/A

Corrected Moisture Content For Oversized Particles (D4718): N/A

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AGRA Earth &
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126 Montoya Road
El Paso, Texas 79932
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Fax: (915) 585-2626

September 16, 1997
AEE Job No. 7719-000161

Mr. Dan Holmquist
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

Project: Lagoon IRA
Holloman AFB, NM

Lab No. 15941: Borrow Material, silty sand, non plastic, tan, sampled from the Borrow Pit by AEE on September 5, 1997.

SIEVE ANALYSIS

Sieve Size	Percent Passing
1 inch	100
3/4 inch	99
½ inch	98
3/8 inch	97
No. 4	94
No. 10	91
No. 40	84
No. 200	30.7

LIQUID LIMIT	NV
PLASTICITY INDEX	NP
U.S. SOIL CLASSIFICATION	SM
MOISTURE DENSITY RELATIONSHIP	(D698)
Maximum Dry Density	108.7
Optimum Moisture Content	11.6

cc: Addressee (2)

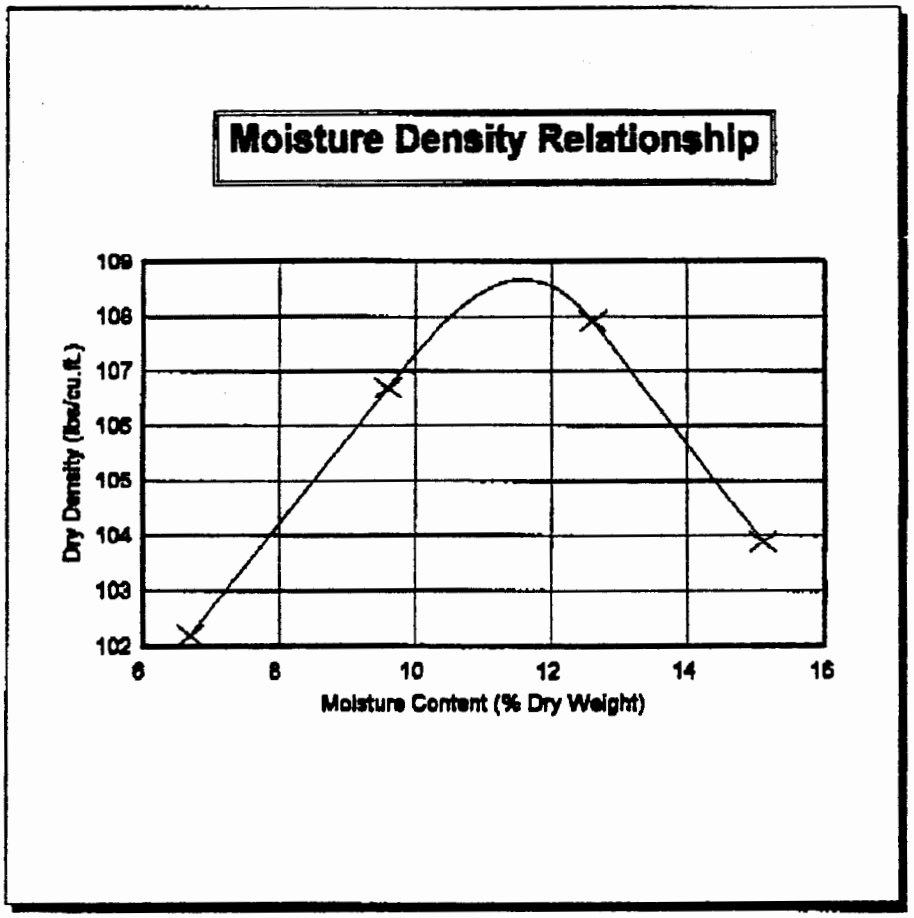
Summary of Moisture Density Relationship Tests

Project: Lagoon IRA
Holloman AFB, NM

Job No. 7719-000161
Lab No. 15941

Test Designation: D698
Test Method: A
Material Description: Existing Subgrade

Preparation Method: Wet
Type of Rammer: Mechanical
Date: 09/05/97



Maximum Dry Density (lbs/cu.ft.): 108.7

Optimum Moisture Content (% of Dry Weight): 11.6

Maximum Dry Density For Oversize Particles (D4718): N/A

Corrected Moisture Content For Oversized Particles (D4718): N/A

AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

AGRA Earth &
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125 Montoya Road
El Paso, Texas 79932
Tel: (915) 585-2472
Fax: (915) 585-2626

September 23, 1997
AEE Job No. 7719-000161

Mr. Richard Petty
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

Project: **Lagoon IRA**
Holloman AFB, NM

Lab No. 15942: Borrow Material, sandy silt, non plastic, red, sampled from the Borrow Pit by AEE on September 12, 1997.

SIEVE ANALYSIS

Sieve Size	Percent Passing
3/4 inch	100
½ inch	98
3/8 inch	97
No. 4	94
No. 10	90
No. 40	81
No. 200	48.0

LIQUID LIMIT (ASTM D4318)	NV
PLASTICITY INDEX (ASTM D4318)	NP
U.S. SOIL CLASSIFICATION (ASTM D2487)	ML
MOISTURE DENSITY RELATIONSHIP	(D698)
Maximum Dry Density	108.1
Optimum Moisture Content	10.5

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

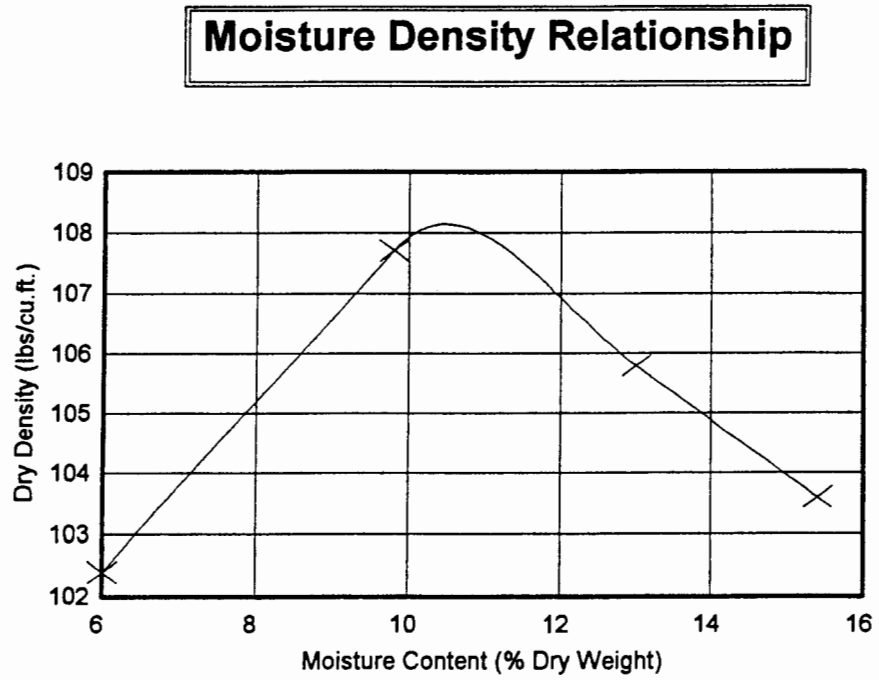
Summary of Moisture Density Relationship Tests

Project: **Lagoon IRA**
Holloman AFB, NM

Job No. **7719-000161**
Lab No. **15942**

Test Designation: D 698
Test Method: A
Material Description: Existing Subgrade

Preparation Method: Wet
Type of Rammer: Mechanical
Date: 09/12/97



Maximum Dry Density (lbs/cu.ft.): **108.1**

Optimum Moisture Content (% of Dry Weight): **10.5**

Maximum Dry Density For Oversize Particles (D4718): **N/A**

Corrected Moisture Content For Oversized Particles (D4718): **N/A**

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AGRA Earth &
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125 Montoya Road
El Paso, Texas 79932
Tel: (915) 585-2472
Fax: (915) 585-2626

October 2, 1997
AEE Job No. 7719-000161

Mr. Richard Petty
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

Project: **Lagoon IRA**
Holloman AFB, NM

Lab No. 7309: Borrow Material, sandy silt, non plastic, red, sampled from the Borrow Pit by AEE on September 17, 1997.

SIEVE ANALYSIS

Sieve Size	Percent Passing
1 ½ inch	100
1 inch	98
3/4 inch	98
½ inch	96
3/8 inch	95
No. 4	92
No. 10	89
No. 40	82
No. 200	43.7

LIQUID LIMIT	NV
PLASTICITY INDEX	NP
U.S. SOIL CLASSIFICATION	ML
MOISTURE DENSITY RELATIONSHIP	(D698)
Maximum Dry Density	109.3
Optimum Moisture Content	10.8

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

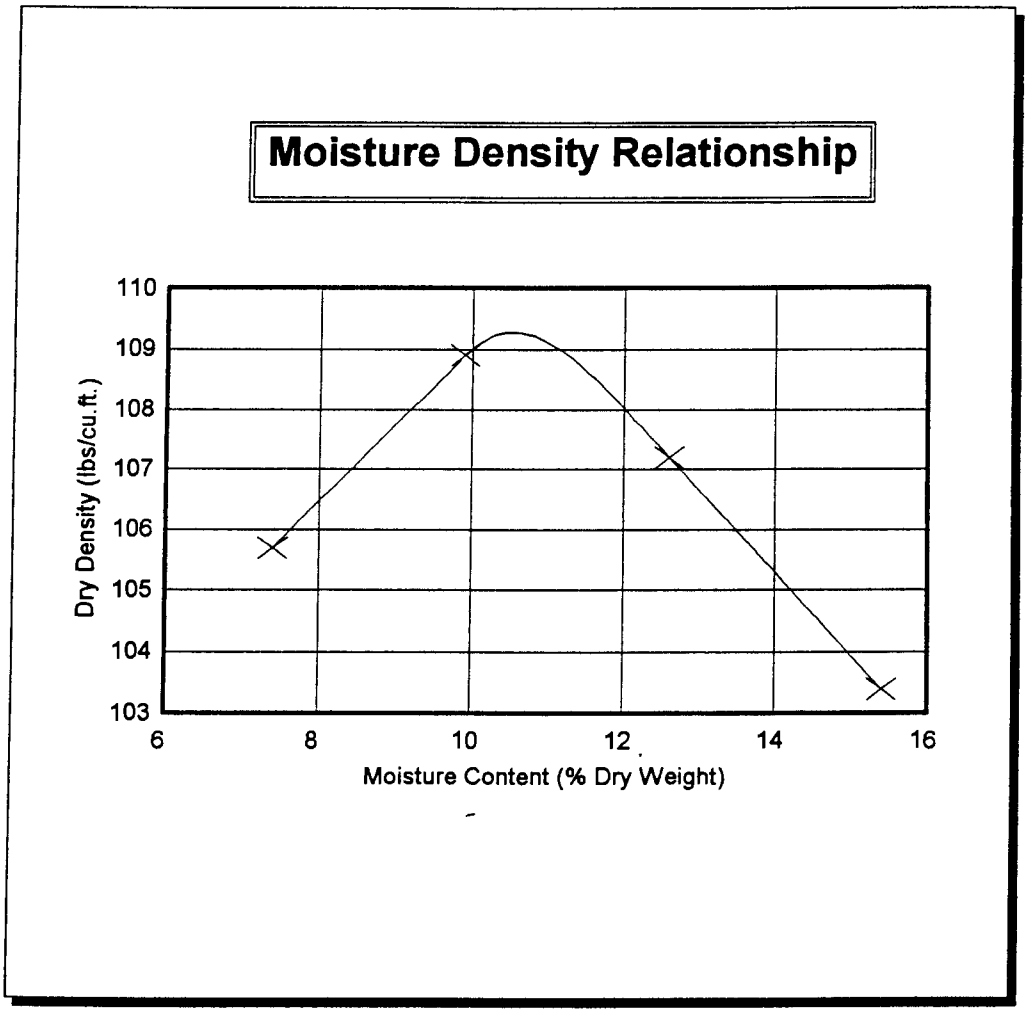
Summary of Moisture Density Relationship Tests

Project: Lagoon IRA
Holloman AFB, NM

Job No. 7719-000161
Lab No. 7309

Test Designation: D 698
Test Method: A
Material Description: Imported Fill

Preparation Method: Wet
Type of Rammer: Manual
Date: 09/17/97



Maximum Dry Density (lbs/cu.ft.): 109.3

Optimum Moisture Content (% of Dry Weight): 10.5

Maximum Dry Density For Oversize Particles (D4718): N/A

Corrected Moisture Content For Oversized Particles (D4718): N/A

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Fax: (915) 585-2626

October 2, 1997
AEE Job No. 7719-000161

Mr. Richard Petty
Foster Wheeler
P.O. Box 540
Holloman AFB, NM 88330

Project: **Lagoon IRA**
Holloman AFB, NM

Lab No. 7308: Borrow Material, sandy silt, non plastic, red, sampled from the Borrow Pit by AEE on September 19, 1997.

SIEVE ANALYSIS

Sieve Size	Percent Passing
3/4 inch	100
½ inch	99
3/8 inch	99
No. 4	98
No. 10	97
No. 40	91
No. 200	35.6

LIQUID LIMIT	NV
PLASTICITY INDEX	NP
U.S. SOIL CLASSIFICATION	ML
MOISTURE DENSITY RELATIONSHIP	(D698)
Maximum Dry Density	108.8
Optimum Moisture Content	11.0

Kevin P. Salcido
Manager of Construction Services

cc: Addressee (4)

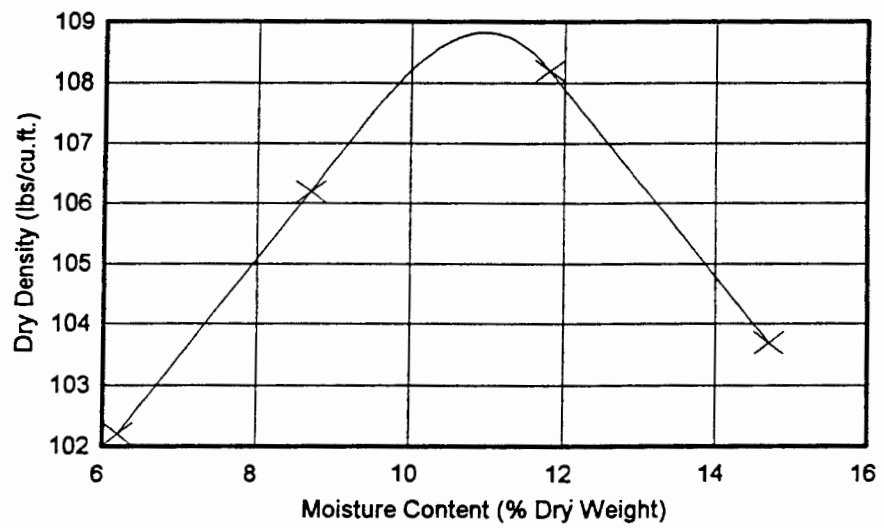
Summary of Moisture Density Relationship Tests

Project: **Lagoon IRA**
Holloman AFB, NM

Job No. **7719-000161**
Lab No. **7308**

Test Designation: D 698
Test Method: A
Material Description: Imported Fill

Preparation Method: Wet
Type of Rammer: Manual
Date: 09/19/97



Maximum Dry Density (lbs/cu.ft.): **108.8**

Optimum Moisture Content (% of Dry Weight): **11**

Maximum Dry Density For Oversize Particles (D4718): **N/A**

Corrected Moisture Content For Oversized Particles (D4718): **N/A**

AGRA Earth & Environmental
ENGINEERING GLOBAL SOLUTIONS

SOUTHWEST ENGINEERING, INC.

475 ARCHULETA ROAD LAS CRUCES, NEW MEXICO 88005
PHONE (505) 526-3381 FAX (505) 526-1762

09/27/97

Foster Wheeler
611 Anton Blvd, Suite 800
Costa Mesa, CA 92626

ASTM D698 , C136/C117 Test Type Proctor/Gradation Project No. 97081 Certificate No FW-P2-97

Project Name Sewage Lagoon Final Closure Location HAFB Borrow Area Description Silty Gypsum

Max Dry Density	%Optimum Moisture	LL	PI	1"	3/4"	1/2"	3/8"	#4	#10	#40	#80	#200
114.6	9.1	S/NP	S/NP						100	98	90	70.8

Soil Classification - ASTM D2487: ML

SOUTHWEST ENGINEERING, INC.

Paul Deason

SOUTHWEST ENGINEERING, INC.

475 ARCHULETA ROAD LAS CRUCES, NEW MEXICO 88005
PHONE (505) 526-3381 FAX (505) 526-1762

10/08/97

Foster Wheeler
611 Anton Blvd, Suite 800
Costa Mesa, CA 92626

ASTM D698 C136/C117 Test Type Proctor/Gradation Project No. 97081 Certificate No FW-P3-97

Project Name Sewage Lagoon Final Closure Location Pond C, West Berm Description Gypsum Tan

Max Dry Density	%Optimum Moisture	LL	PI	1"	3/4"	1/2"	3/8"	#4	#16	#40	#80	#200
104.7	12.4	S/NP	S/NP				100	98	95	98	90	63.0

Soil Classification - ASTM D2487: ML

SOUTHWEST ENGINEERING, INC.

Paul Deason

SOUTHWEST ENGINEERING, INC.

■ 475 ARCHULETA ROAD ■ LAS CRUCES, NEW MEXICO 88005 ■
PHONE (505) 526-3381 ■ FAX (505) 526-1782

10/08/97

Foster Wheeler
611 Anton Blvd, Suite 800
Costa Mesa, CA 92626

ASTM D698 C136/C117 Test Type Proctor/Gradation Project No. 97081 Certificate No FW-P4-97

Project Name Sewage Lagoon Final Closure Location Pond C, South Berm Description Gypsum Tan

Max Dry Density	%Optimum Moisture	LL	PI	1"	5/8"	1/2"	3/8"	#4	#10	#40	#80	#200
111.8	11.1	S/NP	S/NP		100	100	99	97	95	91	61	34.6

Soil Classification - ASTM D2487: SM

SOUTHWEST ENGINEERING, INC.

Paul Deason

Paul Deason

SOUTHWEST ENGINEERING, INC.

475 ARCHULETA ROAD ■ LAS CRUCES, NEW MEXICO 88005 ■
PHONE (505) 526-3381 ■ FAX (505) 526-1762

10/07/97

Foster Wheeler
611 Anton Blvd, Suite 800
Costa Mesa, CA 92626

ASTM D698, C136/C117 Test Type Proctor/Gradation Project No. 97081 Certificate No FW-P5-97

Project Name HAFB Sewage Final Closure Location Soil Borrow Pit Description Silty Sandy Gypsum

Max Dry Density	%Optimum Moisture	LL	PI	1"	3/4"	1/2"	3/8"	#4	#10	#40	#80	#200
110.9	11.3	S/NP	S/NP				100	97	95	88	79	37.8

Soil Classification - ASTM D2487: SM

SOUTHWEST ENGINEERING, INC.

Paul Deason

Paul Deason

SOUTHWEST ENGINEERING, INC.

475 ARCHULETA ROAD ■ LAS CRUCES, NEW MEXICO 88005 ■
PHONE (505) 526-3381 ■ FAX (505) 526-1762

10/23/97

Foster Wheeler
611 Anton Blvd, Suite 800
Costa Mesa, CA 92626

ASTM D698, C136/C117 Test Type Proctor/Gradation Project No. 97081 Certificate No FW-P6-97

Project Name HAFB Sewage Final Closure Location West Berm, Pond D Description Silty Sandy Gypsum w/Small Rock

Max Dry Density	%Optimum Moisture	LL	PI	1"	3/4"	1/2"	3/8"	#4	#10	#40	#80	#200
113.0	10.6	24	4		100	98	97	97	93	91	67	50.0

Soil Classification : ML

SOUTHWEST ENGINEERING, INC.

Paul Deason

SOUTHWEST ENGINEERING, INC.

■ 475 ARCHULETA ROAD ■ LAS CRUCES, NEW MEXICO 88005 ■
PHONE (505) 526-3381 ■ FAX (505) 526-1762

10/24/97

Foster Wheeler
611 Anton Blvd, Suite 800
Costa Mesa, CA 92626

ASTM D698, C136/C117 Test Type Proctor/Gradation Project No. 97081 Certificate No FW-P7-97

Project Name HAFB Sewage Final Closure Location SW Berm Corner Pond C Description Tan Silty Sandy Gypsum

Max Dry Density	%Optimum Moisture	LL	PI	1"	3/4"	1/2"	3/8"	#4	#10	#40	#80	#200
107.2	12.2	S/NP	S/NP				100	96	93	87	69	54.3

Soil Classification : ML

SOUTHWEST ENGINEERING, INC.

Paul Deason

SOUTHWEST ENGINEERING, INC.

■ 475 ARCHULETA ROAD ■ LAS CRUCES, NEW MEXICO 88005 ■
PHONE (505) 526-3381 ■ FAX (505) 526-1762

11/05/97

Foster Wheeler
611 Anton Blvd, Suite 800
Costa Mesa, CA 92626

ASTM D698, C136/C117 Test Type Proctor/Gradation Project No. 97081 Certificate No FW-P8-97

Project Name HAFB Sewage Final Closure Location Base Pit Description Off White Fine Silty Gypsum Sand

Max Dry Density	%Optimum Moisture	LL	PI	1"	3/4"	1/2"	3/8"	#4	#10	#40	#80	#200
108.4	6.2	S/NP	S/NP	100	99	98	98	97	97	95	79	43.5

Soil Classification = SM

SOUTHWEST ENGINEERING, INC.

Paul Deason

APPENDIX F

MATERIAL DELIVERY TICKET SUMMARY

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
25AUG97	HT-01	12454	45,720	22.860	22.860				
25AUG97	HT-01	12465	43,020	21.510	44.370				
25AUG97	HT-01	12502	44,920	22.460	66.830				
25AUG97	HT-01	12509	38,920	19.460	86.290				
25AUG97	HT-01	12517	40,660	20.330	106.620				
25AUG97	HT-01	12527	39,640	19.820	126.440				
25AUG97	HT-01	12535	38,840	19.420	145.860				
25AUG97	HT-01	12542	35,260	17.630	163.490				
25AUG97	HT-01	12551	38,880	19.440	182.930				
25AUG97	HT-01	12556	43,260	21.630	204.560				
25AUG97	HT-01	12565	45,000	22.500	227.060				
25AUG97	HT-01	12573	43,020	21.510	248.570				
25AUG97	HT-01	12582	46,160	23.080	271.650				
25AUG97	HT-01	12590	47,300	23.650	295.300				
25AUG97	HT-01	12599	45,840	22.920	318.220	318.220	15		
25AUG97	HT-10	12458	49,380	24.690	342.910				
25AUG97	HT-10	12466	54,960	27.480	370.390				
25AUG97	HT-10	12506	50,500	25.250	395.640				
25AUG97	HT-10	12519	49,180	24.590	420.230				
25AUG97	HT-10	12528	47,160	23.580	443.810				
25AUG97	HT-10	12536	46,340	23.170	466.980				
25AUG97	HT-10	12545	49,260	24.630	491.610				
25AUG97	HT-10	12554	49,340	24.670	516.280				
25AUG97	HT-10	12563	48,500	24.250	540.530				
25AUG97	HT-10	12572	52,300	26.150	566.680				
25AUG97	HT-10	12580	51,780	25.890	592.570				
25AUG97	HT-10	12588	52,820	26.410	618.980				
25AUG97	HT-10	12597	52,420	26.210	645.190	326.970	13		
25AUG97	HT-12	12460	43,600	21.800	666.990				
25AUG97	HT-12	12451	44,660	22.330	689.320				
25AUG97	HT-12	12469	40,960	20.480	709.800				
25AUG97	HT-12	12505	42,940	21.470	731.270				
25AUG97	HT-12	12522	40,960	20.480	751.750				
25AUG97	HT-12	12513	40,400	20.200	771.950				
25AUG97	HT-12	12530	38,080	19.040	790.990				
25AUG97	HT-12	12538	38,340	19.170	810.160				
25AUG97	HT-12	12547	40,960	20.480	830.640				
25AUG97	HT-12	12557	42,180	21.090	851.730				
25AUG97	HT-12	12566	42,720	21.360	873.090				
25AUG97	HT-12	12574	42,840	21.420	894.510				
25AUG97	HT-12	12581	42,540	21.270	915.780				
25AUG97	HT-12	12589	40,760	20.380	936.160				
25AUG97	HT-12	12598	40,020	20.010	956.170	310.980	15		
25AUG97	HT-13	12453	52,440	26.220	982.390				
25AUG97	HT-13	12524	53,100	26.550	1,008.940				
25AUG97	HT-13	12532	47,600	23.800	1,032.740				
25AUG97	HT-13	12541	48,620	24.310	1,057.050				
25AUG97	HT-13	12550	46,560	23.280	1,080.330				
25AUG97	HT-13	12560	50,920	25.460	1,105.790				
25AUG97	HT-13	12569	51,720	25.860	1,131.650				
25AUG97	HT-13	12577	52,400	26.200	1,157.850				
25AUG97	HT-13	12585	51,780	25.890	1,183.740				
25AUG97	HT-13	12594	49,240	24.620	1,208.360	252.190	10		
25AUG97	HT-14	12463	46,020	23.010	1,231.370				
25AUG97	HT-14	12457	44,620	22.310	1,253.680				
25AUG97	HT-14	12471	43,680	21.840	1,275.520				
25AUG97	HT-14	12508	41,140	20.570	1,296.090				
25AUG97	HT-14	12514	38,400	19.200	1,315.290				
25AUG97	HT-14	12523	39,180	19.590	1,334.880				
25AUG97	HT-14	12531	39,620	19.810	1,354.690				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
25AUG97	HT-14	12539	38,520	19.260	1,373.950				
25AUG97	HT-14	12548	41,440	20.720	1,394.670				
25AUG97	HT-14	12558	46,940	23.470	1,418.140				
25AUG97	HT-14	12567	40,860	20.430	1,438.570				
25AUG97	HT-14	12575	42,840	21.420	1,459.990				
25AUG97	HT-14	12583	40,680	20.340	1,480.330				
25AUG97	HT-14	12592	46,360	23.180	1,503.510	295.150	14		
25AUG97	HT-17	12459	50,100	25.050	1,528.560				
25AUG97	HT-17	12450	52,360	26.180	1,554.740				
25AUG97	HT-17	12467	48,000	24.000	1,578.740				
25AUG97	HT-17	12503	48,740	24.370	1,603.110				
25AUG97	HT-17	12511	49,540	24.770	1,627.880				
25AUG97	HT-17	12520	51,860	25.930	1,653.810				
25AUG97	HT-17	12540	50,700	25.350	1,679.160				
25AUG97	HT-17	12549	49,440	24.720	1,703.880				
25AUG97	HT-17	12559	53,120	26.560	1,730.440				
25AUG97	HT-17	12568	49,960	24.980	1,755.420				
25AUG97	HT-17	12576	54,180	27.090	1,782.510				
25AUG97	HT-17	12584	52,460	26.230	1,808.740				
25AUG97	HT-17	12593	57,700	28.850	1,837.590	334.080	13		
25AUG97	HT-18	12455	47,500	23.750	1,861.340				
25AUG97	HT-18	12464	42,840	21.420	1,882.760				
25AUG97	HT-18	12501	44,100	22.050	1,904.810				
25AUG97	HT-18	12510	44,720	22.360	1,927.170				
25AUG97	HT-18	12518	44,040	22.020	1,949.190				
25AUG97	HT-18	12526	43,220	21.610	1,970.800				
25AUG97	HT-18	12534	42,940	21.470	1,992.270				
25AUG97	HT-18	12544	40,460	20.230	2,012.500				
25AUG97	HT-18	12553	38,920	19.460	2,031.960				
25AUG97	HT-18	12562	44,040	22.020	2,053.980				
25AUG97	HT-18	12571	44,460	22.230	2,076.210				
25AUG97	HT-18	12579	45,280	22.640	2,098.850				
25AUG97	HT-18	12587	42,780	21.390	2,120.240				
25AUG97	HT-18	12596	42,420	21.210	2,141.450	303.860	14		
25AUG97	HT-19	12462	46,680	23.340	2,164.790				
25AUG97	HT-19	12452	44,420	22.210	2,187.000				
25AUG97	HT-19	12470	42,240	21.120	2,208.120				
25AUG97	HT-19	12507	43,900	21.950	2,230.070				
25AUG97	HT-19	12515	38,960	19.480	2,249.550				
25AUG97	HT-19	12525	43,580	21.790	2,271.340				
25AUG97	HT-19	12533	40,940	20.470	2,291.810				
25AUG97	HT-19	12543	40,180	20.090	2,311.900				
25AUG97	HT-19	12552	39,440	19.720	2,331.620				
25AUG97	HT-19	12561	41,020	20.510	2,352.130				
25AUG97	HT-19	12570	42,540	21.270	2,373.400				
25AUG97	HT-19	12578	43,500	21.750	2,395.150				
25AUG97	HT-19	12586	42,340	21.170	2,416.320				
25AUG97	HT-19	12595	44,520	22.260	2,438.580	297.130	14		
25AUG97	HT-20	12456	57,300	28.650	2,467.230				
25AUG97	HT-20	12461	46,040	23.020	2,490.250				
25AUG97	HT-20	12468	54,340	27.170	2,517.420				
25AUG97	HT-20	12504	51,420	25.710	2,543.130				
25AUG97	HT-20	12512	52,140	26.070	2,569.200				
25AUG97	HT-20	12521	53,920	26.960	2,596.160				
25AUG97	HT-20	12529	52,640	26.320	2,622.480				
25AUG97	HT-20	12537	48,240	24.120	2,646.600				
25AUG97	HT-20	12546	47,040	23.520	2,670.120				
25AUG97	HT-20	12555	49,100	24.550	2,694.670				
25AUG97	HT-20	12600	50,320	25.160	2,719.830				
25AUG97	HT-20	12564	52,340	26.170	2,746.000				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
25AUG97	HT-20	12591	54,560	27.280	2,773.280	334.700	13		
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26AUG97	HT-01	12606	43,340	21.670	21.670				
26AUG97	HT-01	12615	46,320	23.160	44.830				
26AUG97	HT-01	12624	48,540	24.270	69.100				
26AUG97	HT-01	12633	45,760	22.880	91.980				
26AUG97	HT-01	12641	54,120	27.060	119.040				
26AUG97	HT-01	12650	44,800	22.400	141.440				
26AUG97	HT-01	12658	45,500	22.750	164.190				
26AUG97	HT-01	12667	45,720	22.860	187.050				
26AUG97	HT-01	12676	45,920	22.960	210.010				
26AUG97	HT-01	12696	45,900	22.950	232.960				
26AUG97	HT-01	12687	46,960	23.480	256.440				
26AUG97	HT-01	12705	51,060	25.530	281.970				
26AUG97	HT-01	12713	46,420	23.210	305.180				
26AUG97	HT-01	12722	45,660	22.830	328.010				
26AUG97	HT-01	12731	44,380	22.190	350.200	350.200	15		
26AUG97	HT-10	12611	54,320	27.160	377.360				
26AUG97	HT-10	12602	53,140	26.570	403.930				
26AUG97	HT-10	12620	58,540	29.270	433.200				
26AUG97	HT-10	12629	53,380	26.690	459.890				
26AUG97	HT-10	12638	55,220	27.610	487.500				
26AUG97	HT-10	12646	54,040	27.020	514.520				
26AUG97	HT-10	12655	51,380	25.690	540.210				
26AUG97	HT-10	12663	54,820	27.410	567.620				
26AUG97	HT-10	12673	51,920	25.960	593.580				
26AUG97	HT-10	12682	56,000	28.000	621.580				
26AUG97	HT-10	12692	53,660	26.830	648.410				
26AUG97	HT-10	12701	54,440	27.220	675.630				
26AUG97	HT-10	12710	53,880	26.940	702.570				
26AUG97	HT-10	12718	55,460	27.730	730.300				
26AUG97	HT-10	12736	54,900	27.450	757.750				
26AUG97	HT-10	12727	56,080	28.040	785.790	435.590	16		
26AUG97	HT-12	12612	40,780	20.390	806.180				
26AUG97	HT-12	12604	41,500	20.750	826.930				
26AUG97	HT-12	12621	44,520	22.260	849.190				
26AUG97	HT-12	12630	49,780	24.890	874.080				
26AUG97	HT-12	12639	42,840	21.420	895.500				
26AUG97	HT-12	12647	43,220	21.610	917.110				
26AUG97	HT-12	12664	42,340	21.170	938.280				
26AUG97	HT-12	12671	57,220	28.610	966.890				
26AUG97	HT-12	12683	44,560	22.280	989.170				
26AUG97	HT-12	12689	43,120	21.560	1,010.730				
26AUG97	HT-12	12698	46,560	23.280	1,034.010				
26AUG97	HT-12	12706	46,100	23.050	1,057.060				
26AUG97	HT-12	12715	44,700	22.350	1,079.410				
26AUG97	HT-12	12724	43,940	21.970	1,101.380				
26AUG97	HT-12	12733	45,260	22.630	1,124.010	338.220	15		
26AUG97	HT-13	12609	53,180	26.590	1,150.600				
26AUG97	HT-13	12618	53,620	26.810	1,177.410				
26AUG97	HT-13	12628	54,180	27.090	1,204.500				
26AUG97	HT-13	12637	54,380	27.190	1,231.690				
26AUG97	HT-13	12645	51,580	25.790	1,257.480				
26AUG97	HT-13	12662	52,420	26.210	1,283.690				
26AUG97	HT-13	12654	55,420	27.710	1,311.400				
26AUG97	HT-13	12686	55,860	27.930	1,339.330				
26AUG97	HT-13	12695	56,260	28.130	1,367.460				
26AUG97	HT-13	12704	56,340	28.170	1,395.630				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
26AUG97	HT-13	12714	54,760	27.380	1,423.010				
26AUG97	HT-13	12723	52,300	26.150	1,449.160				
26AUG97	HT-13	12732	53,660	26.830	1,475.990	351.980	13		
26AUG97	HT-14	12605	43,880	21.940	1,497.930				
26AUG97	HT-14	12614	44,600	22.300	1,520.230				
26AUG97	HT-14	12623	43,280	21.640	1,541.870				
26AUG97	HT-14	12632	48,720	24.360	1,566.230				
26AUG97	HT-14	12640	46,860	23.430	1,589.660				
26AUG97	HT-14	12649	43,420	21.710	1,611.370				
26AUG97	HT-14	12657	44,080	22.040	1,633.410				
26AUG97	HT-14	12666	46,500	23.250	1,656.660				
26AUG97	HT-14	12675	47,500	23.750	1,680.410				
26AUG97	HT-14	12685	47,660	23.830	1,704.240				
26AUG97	HT-14	12694	47,300	23.650	1,727.890				
26AUG97	HT-14	12703	48,240	24.120	1,752.010				
26AUG97	HT-14	12712	46,660	23.330	1,775.340				
26AUG97	HT-14	12721	47,880	23.940	1,799.280				
26AUG97	HT-14	12730	43,480	21.740	1,821.020				
26AUG97	HT-14	12739	43,220	21.610	1,842.630	366.640	16		
26AUG97	HT-17	12608	56,760	28.380	1,871.010				
26AUG97	HT-17	12617	58,520	29.260	1,900.270				
26AUG97	HT-17	12626	56,340	28.170	1,928.440				
26AUG97	HT-17	12631	39,540	19.770	1,948.210				
26AUG97	HT-17	12635	57,760	28.880	1,977.090				
26AUG97	HT-17	12643	57,960	28.980	2,006.070				
26AUG97	HT-17	12652	54,480	27.240	2,033.310				
26AUG97	HT-17	12661	52,420	26.210	2,059.520				
26AUG97	HT-17	12669	55,860	27.930	2,087.450				
26AUG97	HT-17	12679	54,100	27.050	2,114.500				
26AUG97	HT-17	12681	58,040	29.020	2,143.520				
26AUG97	HT-17	12691	56,680	28.340	2,171.860				
26AUG97	HT-17	12700	59,760	29.880	2,201.740				
26AUG97	HT-17	12709	53,880	26.940	2,228.680				
26AUG97	HT-17	12719	53,800	26.900	2,255.580				
26AUG97	HT-17	12728	56,740	28.370	2,283.950				
26AUG97	HT-17	12737	52,740	26.370	2,310.320	467.690	17		
26AUG97	HT-18	12601	46,260	23.130	2,333.450				
26AUG97	HT-18	12610	44,320	22.160	2,355.610				
26AUG97	HT-18	12619	47,840	23.920	2,379.530				
26AUG97	HT-18	12627	49,260	24.630	2,404.160				
26AUG97	HT-18	12636	49,920	24.960	2,429.120				
26AUG97	HT-18	12644	54,700	27.350	2,456.470				
26AUG97	HT-18	12653	42,660	21.330	2,477.800				
26AUG97	HT-18	12660	45,540	22.770	2,500.570				
26AUG97	HT-18	12670	50,340	25.170	2,525.740				
26AUG97	HT-18	12678	45,900	22.950	2,548.690				
26AUG97	HT-18	12680	46,180	23.090	2,571.780				
26AUG97	HT-18	12690	47,480	23.740	2,595.520				
26AUG97	HT-18	12699	48,980	24.490	2,620.010				
26AUG97	HT-18	12708	48,160	24.080	2,644.090				
26AUG97	HT-18	12717	43,800	21.900	2,665.990				
26AUG97	HT-18	12726	48,980	24.490	2,690.480				
26AUG97	HT-18	12735	46,840	23.420	2,713.900	403.580	17		
26AUG97	HT-19	12603	44,320	22.160	2,736.060				
26AUG97	HT-19	12613	46,540	23.270	2,759.330				
26AUG97	HT-19	12622	49,140	24.570	2,783.900				
26AUG97	HT-19	12648	48,700	24.350	2,808.250				
26AUG97	HT-19	12656	48,100	24.050	2,832.300				
26AUG97	HT-19	12665	47,980	23.990	2,856.290				
26AUG97	HT-19	12672	46,060	23.030	2,879.320				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
26AUG97	HT-19	12674	44,340	22.170	2,901.490				
26AUG97	HT-19	12688	47,200	23.600	2,925.090				
26AUG97	HT-19	12697	48,440	24.220	2,949.310				
26AUG97	HT-19	12707	48,600	24.300	2,973.610				
26AUG97	HT-19	12716	47,780	23.890	2,997.500				
26AUG97	HT-19	12725	43,860	21.930	3,019.430				
26AUG97	HT-19	12734	42,960	21.480	3,040.910	327.010	14		
26AUG97	HT-20	12607	54,340	27.170	3,068.080				
26AUG97	HT-20	12616	51,180	25.590	3,093.670				
26AUG97	HT-20	12625	54,900	27.450	3,121.120				
26AUG97	HT-20	12634	59,440	29.720	3,150.840				
26AUG97	HT-20	12642	55,940	27.970	3,178.810				
26AUG97	HT-20	12651	59,040	29.520	3,208.330				
26AUG97	HT-20	12659	55,860	27.930	3,236.260				
26AUG97	HT-20	12668	54,520	27.260	3,263.520				
26AUG97	HT-20	12677	56,540	28.270	3,291.790				
26AUG97	HT-20	12684	57,280	28.640	3,320.430				
26AUG97	HT-20	12693	57,660	28.830	3,349.260				
26AUG97	HT-20	12702	54,000	27.000	3,376.260				
26AUG97	HT-20	12711	57,120	28.560	3,404.820				
26AUG97	HT-20	12720	54,840	27.420	3,432.240				
26AUG97	HT-20	12729	56,240	28.120	3,460.360				
26AUG97	HT-20	12738	56,060	28.030	3,488.390	447.480	16		
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27AUG97	HT-01	12744	45,100	22.550	22.550				
27AUG97	HT-01	12753	48,780	24.390	46.940				
27AUG97	HT-01	12762	44,300	22.150	69.090				
27AUG97	HT-01	12771	46,040	23.020	92.110				
27AUG97	HT-01	12790	45,740	22.870	114.980				
27AUG97	HT-01	12780	43,820	21.910	136.890				
27AUG97	HT-01	12799	44,180	22.090	158.980				
27AUG97	HT-01	12800	63,160	31.580	190.560				
27AUG97	HT-01	12808	47,720	23.860	214.420				
27AUG97	HT-01	12822	44,040	22.020	236.440				
27AUG97	HT-01	12825	47,000	23.500	259.940				
27AUG97	HT-01	12835	42,100	21.050	280.990				
27AUG97	HT-01	12844	42,160	21.080	302.070				
27AUG97	HT-01	12853	39,960	19.980	322.050				
27AUG97	HT-01	12862	40,680	20.340	342.390				
27AUG97	HT-01	12872	45,680	22.840	365.230				
27AUG97	HT-01	12880	42,860	21.430	386.660				
27AUG97	HT-01	12888	44,400	22.200	408.860				
27AUG97	HT-01	12897	43,280	21.640	430.500	430.500	19		
27AUG97	HT-10	12745	55,960	27.980	458.480				
27AUG97	HT-10	12754	56,780	28.390	486.870				
27AUG97	HT-10	12763	57,260	28.630	515.500				
27AUG97	HT-10	12772	60,340	30.170	545.670				
27AUG97	HT-10	12781	57,200	28.600	574.270				
27AUG97	HT-10	12791	58,320	29.160	603.430				
27AUG97	HT-10	12809	56,880	28.440	631.870				
27AUG97	HT-10	12823	56,040	28.020	659.890				
27AUG97	HT-10	12826	53,560	26.780	686.670				
27AUG97	HT-10	12836	57,580	28.790	715.460				
27AUG97	HT-10	12845	54,280	27.140	742.600				
27AUG97	HT-10	12854	50,480	25.240	767.840				
27AUG97	HT-10	12863	55,880	27.940	795.780				
27AUG97	HT-10	12871	55,680	27.840	823.620				
27AUG97	HT-10	12885	52,640	26.320	849.940				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
27AUG97	HT-10	12894	54,220	27.110	877.050	446.550	16		
27AUG97	HT-12	12742	44,260	22.130	899.180				
27AUG97	HT-12	12751	44,660	22.330	921.510				
27AUG97	HT-12	12759	48,560	24.280	945.790				
27AUG97	HT-12	12805	42,980	21.490	967.280				
27AUG97	HT-12	12814	45,980	22.990	990.270				
27AUG97	HT-12	12819	44,820	22.410	1,012.680				
27AUG97	HT-12	12832	47,020	23.510	1,036.190				
27AUG97	HT-12	12841	39,420	19.710	1,055.900				
27AUG97	HT-12	12850	39,440	19.720	1,075.620				
27AUG97	HT-12	12859	39,140	19.570	1,095.190				
27AUG97	HT-12	12868	44,560	22.280	1,117.470				
27AUG97	HT-12	12877	44,180	22.090	1,139.560				
27AUG97	HT-12	12886	46,740	23.370	1,162.930				
27AUG97	HT-12	12895	42,620	21.310	1,184.240	307.190	14		
27AUG97	HT-13	12743	58,200	29.100	1,213.340				
27AUG97	HT-13	12752	55,920	27.960	1,241.300				
27AUG97	HT-13	12761	55,080	27.540	1,268.840				
27AUG97	HT-13	12768	47,820	23.910	1,292.750				
27AUG97	HT-13	12777	45,900	22.950	1,315.700				
27AUG97	HT-13	12796	41,600	20.800	1,336.500				
27AUG97	HT-13	12770	53,140	26.570	1,363.070				
27AUG97	HT-13	12779	57,720	28.860	1,391.930				
27AUG97	HT-13	12788	57,520	28.760	1,420.690				
27AUG97	HT-13	12798	55,120	27.560	1,448.250				
27AUG97	HT-13	12816	53,180	26.590	1,474.840				
27AUG97	HT-13	12821	51,840	25.920	1,500.760				
27AUG97	HT-13	12807	53,820	26.910	1,527.670				
27AUG97	HT-13	12834	51,460	25.730	1,553.400				
27AUG97	HT-13	12843	52,980	26.490	1,579.890				
27AUG97	HT-13	12852	54,960	27.480	1,607.370				
27AUG97	HT-13	12861	48,640	24.320	1,631.690				
27AUG97	HT-13	12870	50,260	25.130	1,656.820				
27AUG97	HT-13	12879	56,680	28.340	1,685.160				
27AUG97	HT-13	12889	58,500	29.250	1,714.410				
27AUG97	HT-13	12902	53,780	26.890	1,741.300	557.060	21		
27AUG97	HT-14	12741	47,280	23.640	1,764.940				
27AUG97	HT-14	12750	47,860	23.930	1,788.870				
27AUG97	HT-14	12758	44,840	22.420	1,811.290				
27AUG97	HT-14	12767	43,860	21.930	1,833.220				
27AUG97	HT-14	12776	47,620	23.810	1,857.030				
27AUG97	HT-14	12804	42,520	21.260	1,878.290				
27AUG97	HT-14	12812	42,300	21.150	1,899.440				
27AUG97	HT-14	12817	44,200	22.100	1,921.540				
27AUG97	HT-14	12785	46,580	23.290	1,944.830				
27AUG97	HT-14	12786	47,940	23.970	1,968.800				
27AUG97	HT-14	12795	44,080	22.040	1,990.840				
27AUG97	HT-14	12831	42,000	21.000	2,011.840				
27AUG97	HT-14	12840	41,720	20.860	2,032.700				
27AUG97	HT-14	12849	38,340	19.170	2,051.870				
27AUG97	HT-14	12858	37,900	18.950	2,070.820				
27AUG97	HT-14	12867	46,520	23.260	2,094.080				
27AUG97	HT-14	12876	45,100	22.550	2,116.630				
27AUG97	HT-14	12884	52,480	26.240	2,142.870				
27AUG97	HT-14	12893	46,360	23.180	2,166.050	424.750	19		
27AUG97	HT-17	12746	61,220	30.610	2,196.660				
27AUG97	HT-17	12755	56,820	28.410	2,225.070				
27AUG97	HT-17	12764	54,140	27.070	2,252.140				
27AUG97	HT-17	12773	54,780	27.390	2,279.530				
27AUG97	HT-17	12782	55,100	27.550	2,307.080				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
27AUG97	HT-17	12792	58,180	29.090	2,336.170				
27AUG97	HT-17	12801	57,760	28.880	2,365.050				
27AUG97	HT-17	12810	56,540	28.270	2,393.320				
27AUG97	HT-17	12827	56,880	28.440	2,421.760				
27AUG97	HT-17	12824	56,160	28.080	2,449.840				
27AUG97	HT-17	12837	54,920	27.460	2,477.300				
27AUG97	HT-17	12846	51,840	25.920	2,503.220				
27AUG97	HT-17	12855	52,340	26.170	2,529.390				
27AUG97	HT-17	12864	53,160	26.580	2,555.970				
27AUG97	HT-17	12873	56,940	28.470	2,584.440				
27AUG97	HT-17	12881	55,100	27.550	2,611.990				
27AUG97	HT-17	12890	57,440	28.720	2,640.710				
27AUG97	HT-17	12903	54,780	27.390	2,668.100	502.050	18		
27AUG97	HT-18	12740	46,680	23.340	2,691.440				
27AUG97	HT-18	12749	47,280	23.640	2,715.080				
27AUG97	HT-18	12757	48,720	24.360	2,739.440				
27AUG97	HT-18	12765	48,000	24.000	2,763.440				
27AUG97	HT-18	12774	44,940	22.470	2,785.910				
27AUG97	HT-18	12783	45,340	22.670	2,808.580				
27AUG97	HT-18	12793	46,280	23.140	2,831.720				
27AUG97	HT-18	12802	45,560	22.780	2,854.500				
27AUG97	HT-18	12811	40,520	20.260	2,874.760				
27AUG97	HT-18	12828	46,040	23.020	2,897.780				
27AUG97	HT-18	12829	41,540	20.770	2,918.550				
27AUG97	HT-18	12838	42,340	21.170	2,939.720				
27AUG97	HT-18	12847	39,700	19.850	2,959.570				
27AUG97	HT-18	12856	41,280	20.640	2,980.210				
27AUG97	HT-18	12865	45,040	22.520	3,002.730				
27AUG97	HT-18	12874	44,920	22.460	3,025.190				
27AUG97	HT-18	12891	45,740	22.870	3,048.060				
27AUG97	HT-18	12896	44,300	22.150	3,070.210				
27AUG97	HT-18	12904	42,160	21.080	3,091.290	423.190	19		
27AUG97	HT-19	12747	47,040	23.520	3,114.810				
27AUG97	HT-19	12760	48,020	24.010	3,138.820				
27AUG97	HT-19	12769	46,400	23.200	3,162.020				
27AUG97	HT-19	12778	45,300	22.650	3,184.670				
27AUG97	HT-19	12787	48,900	24.450	3,209.120				
27AUG97	HT-19	12797	44,800	22.400	3,231.520				
27AUG97	HT-19	12806	44,960	22.480	3,254.000				
27AUG97	HT-19	12815	47,060	23.530	3,277.530				
27AUG97	HT-19	12820	43,360	21.680	3,299.210				
27AUG97	HT-19	12833	45,660	22.830	3,322.040				
27AUG97	HT-19	12842	40,360	20.180	3,342.220				
27AUG97	HT-19	12851	40,700	20.350	3,362.570				
27AUG97	HT-19	12860	41,060	20.530	3,383.100				
27AUG97	HT-19	12869	45,200	22.600	3,405.700				
27AUG97	HT-19	12878	48,760	24.380	3,430.080				
27AUG97	HT-19	12882	45,540	22.770	3,452.850				
27AUG97	HT-19	12887	45,220	22.610	3,475.460	384.170	17		
27AUG97	HT-20	12748	53,700	26.850	3,502.310				
27AUG97	HT-20	12756	54,640	27.320	3,529.630				
27AUG97	HT-20	12766	54,460	27.230	3,556.860				
27AUG97	HT-20	12775	55,680	27.840	3,584.700				
27AUG97	HT-20	12784	55,880	27.940	3,612.640				
27AUG97	HT-20	12794	55,240	27.620	3,640.260				
27AUG97	HT-20	12803	52,660	26.330	3,666.590				
27AUG97	HT-20	12813	53,660	26.830	3,693.420				
27AUG97	HT-20	12818	53,540	26.770	3,720.190				
27AUG97	HT-20	12830	52,080	26.040	3,746.230				
27AUG97	HT-20	12839	56,480	28.240	3,774.470				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
27AUG97	HT-20	12848	50,060	25.030	3,799.500				
27AUG97	HT-20	12857	53,460	26.730	3,826.230				
27AUG97	HT-20	12866	52,640	26.320	3,852.550				
27AUG97	HT-20	12875	51,440	25.720	3,878.270				
27AUG97	HT-20	12883	57,400	28.700	3,906.970				
27AUG97	HT-20	12892	58,120	29.060	3,936.030	460.570	17		
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28AUG97	HT-01	12912	44,020	22.010	22.010				
28AUG97	HT-01	12921	46,640	23.320	45.330				
28AUG97	HT-01	12930	45,800	22.900	68.230				
28AUG97	HT-01	12939	45,340	22.670	90.900				
28AUG97	HT-01	12948	44,440	22.220	113.120				
28AUG97	HT-01	12957	45,000	22.500	135.620				
28AUG97	HT-01	12965	41,280	20.640	156.260				
28AUG97	HT-01	12974	47,960	23.980	180.240				
28AUG97	HT-01	12983	48,600	24.300	204.540				
28AUG97	HT-01	12991	45,960	22.980	227.520				
28AUG97	HT-01	12999	47,780	23.890	251.410				
28AUG97	HT-01	13008	43,380	21.690	273.100				
28AUG97	HT-01	13018	42,940	21.470	294.570				
28AUG97	HT-01	13027	45,080	22.540	317.110				
28AUG97	HT-01	13035	46,640	23.320	340.430				
28AUG97	HT-01	13043	45,060	22.530	362.960				
28AUG97	HT-01	13051	45,860	22.930	385.890				
28AUG97	HT-01	13058	42,440	21.220	407.110				
28AUG97	HT-01	13065	41,800	20.900	428.010	428.010	19		
28AUG97	HT-10	12918	57,920	28.960	456.970				
28AUG97	HT-10	12927	57,900	28.950	485.920				
28AUG97	HT-10	12936	59,620	29.810	515.730				
28AUG97	HT-10	12945	55,400	27.700	543.430				
28AUG97	HT-10	12954	58,760	29.380	572.810				
28AUG97	HT-10	12963	56,320	28.160	600.970				
28AUG97	HT-10	12972	53,480	26.740	627.710				
28AUG97	HT-10	12981	54,440	27.220	654.930				
28AUG97	HT-10	12989	54,140	27.070	682.000				
28AUG97	HT-10	12997	51,760	25.880	707.880				
28AUG97	HT-10	13006	53,260	26.630	734.510				
28AUG97	HT-10	13015	52,360	26.180	760.690				
28AUG97	HT-10	13024	52,260	26.130	786.820	358.810	13		
28AUG97	HT-12	12906	45,480	22.740	809.560				
28AUG97	HT-12	12913	42,360	21.180	830.740				
28AUG97	HT-12	12922	46,920	23.460	854.200				
28AUG97	HT-12	12931	41,540	20.770	874.970				
28AUG97	HT-12	12940	47,920	23.960	898.930				
28AUG97	HT-12	12949	44,080	22.040	920.970				
28AUG97	HT-12	12958	46,040	23.020	943.990				
28AUG97	HT-12	12966	44,300	22.150	966.140				
28AUG97	HT-12	12975	48,080	24.040	990.180				
28AUG97	HT-12	12984	41,460	20.730	1,010.910				
28AUG97	HT-12	12992	46,000	23.000	1,033.910				
28AUG97	HT-12	13000	45,440	22.720	1,056.630				
28AUG97	HT-12	13009	44,800	22.400	1,079.030				
28AUG97	HT-12	13017	42,660	21.330	1,100.360				
28AUG97	HT-12	13026	43,200	21.600	1,121.960				
28AUG97	HT-12	13034	44,420	22.210	1,144.170				
28AUG97	HT-12	13042	43,840	21.920	1,166.090				
28AUG97	HT-12	13050	44,840	22.420	1,188.510				
28AUG97	HT-12	13057	40,220	20.110	1,208.620				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
28AUG97	HT-12	13064	40,480	20.240	1,228.860	442.040	20		
28AUG97	HT-13	12911	55,320	27.660	1,256.520				
28AUG97	HT-13	12919	59,780	29.890	1,286.410				
28AUG97	HT-13	12928	57,220	28.610	1,315.020				
28AUG97	HT-13	12937	58,240	29.120	1,344.140				
28AUG97	HT-13	12946	56,040	28.020	1,372.160				
28AUG97	HT-13	12955	57,680	28.840	1,401.000				
28AUG97	HT-13	12967	57,400	28.700	1,429.700				
28AUG97	HT-13	12976	52,540	26.270	1,455.970				
28AUG97	HT-13	12985	52,840	26.420	1,482.390				
28AUG97	HT-13	12993	51,260	25.630	1,508.020				
28AUG97	HT-13	13001	56,220	28.110	1,536.130				
28AUG97	HT-13	13010	52,720	26.360	1,562.490				
28AUG97	HT-13	13019	52,620	26.310	1,588.800				
28AUG97	HT-13	13028	48,540	24.270	1,613.070				
28AUG97	HT-13	13036	50,020	25.010	1,638.080				
28AUG97	HT-13	13044	46,420	23.210	1,661.290	432.430	16		
28AUG97	HT-14	12908	45,220	22.610	1,683.900				
28AUG97	HT-14	12917	43,440	21.720	1,705.620				
28AUG97	HT-14	12926	43,400	21.700	1,727.320				
28AUG97	HT-14	12935	43,620	21.810	1,749.130				
28AUG97	HT-14	12944	41,320	20.660	1,769.790				
28AUG97	HT-14	12953	44,700	22.350	1,792.140				
28AUG97	HT-14	12962	43,400	21.700	1,813.840				
28AUG97	HT-14	12971	45,160	22.580	1,836.420				
28AUG97	HT-14	12980	47,040	23.520	1,859.940				
28AUG97	HT-14	12988	46,140	23.070	1,883.010				
28AUG97	HT-14	12996	43,560	21.780	1,904.790				
28AUG97	HT-14	13005	49,360	24.680	1,929.470				
28AUG97	HT-14	13014	45,340	22.670	1,952.140				
28AUG97	HT-14	13023	45,560	22.780	1,974.920				
28AUG97	HT-14	13031	46,480	23.240	1,998.160				
28AUG97	HT-14	13039	44,260	22.130	2,020.290				
28AUG97	HT-14	13047	43,220	21.610	2,041.900				
28AUG97	HT-14	13054	42,700	21.350	2,063.250				
28AUG97	HT-14	13061	41,540	20.770	2,084.020	422.730	19		
28AUG97	HT-17	12914	59,720	29.860	2,113.880				
28AUG97	HT-17	12923	57,620	28.810	2,142.690				
28AUG97	HT-17	12932	56,000	28.000	2,170.690				
28AUG97	HT-17	12941	56,880	28.440	2,199.130				
28AUG97	HT-17	12950	56,880	28.440	2,227.570				
28AUG97	HT-17	12959	56,440	28.220	2,255.790				
28AUG97	HT-17	12968	54,860	27.430	2,283.220				
28AUG97	HT-17	12977	54,040	27.020	2,310.240				
28AUG97	HT-17	12987	51,240	25.620	2,335.860				
28AUG97	HT-17	12995	51,560	25.780	2,361.640				
28AUG97	HT-17	13004	56,100	28.050	2,389.690				
28AUG97	HT-17	13013	51,660	25.830	2,415.520				
28AUG97	HT-17	13022	51,120	25.560	2,441.080				
28AUG97	HT-17	13032	59,280	29.640	2,470.720				
28AUG97	HT-17	13041	51,380	25.690	2,496.410				
28AUG97	HT-17	13049	58,840	29.420	2,525.830				
28AUG97	HT-17	13056	54,440	27.220	2,553.050				
28AUG97	HT-17	13063	57,400	28.700	2,581.750	497.730	18		
28AUG97	HT-18	12907	47,800	23.900	2,605.650				
28AUG97	HT-18	12915	47,040	23.520	2,629.170				
28AUG97	HT-18	12924	47,100	23.550	2,652.720				
28AUG97	HT-18	12933	44,000	22.000	2,674.720				
28AUG97	HT-18	12942	42,840	21.420	2,696.140				
28AUG97	HT-18	12951	44,540	22.270	2,718.410				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
28AUG97	HT-18	12960	45,340	22.670	2,741.080				
28AUG97	HT-18	12969	45,640	22.820	2,763.900				
28AUG97	HT-18	12979	47,800	23.900	2,787.800				
28AUG97	HT-18	13003	46,740	23.370	2,811.170				
28AUG97	HT-18	13011	45,280	22.640	2,833.810				
28AUG97	HT-18	13020	44,460	22.230	2,856.040				
28AUG97	HT-18	13029	40,620	20.310	2,876.350				
28AUG97	HT-18	13037	44,480	22.240	2,898.590				
28AUG97	HT-18	13045	38,980	19.490	2,918.080				
28AUG97	HT-18	13052	43,400	21.700	2,939.780				
28AUG97	HT-18	13059	42,840	21.420	2,961.200				
28AUG97	HT-18	13066	41,540	20.770	2,981.970	400.220	18		
28AUG97	HT-19	12910	44,380	22.190	3,004.160				
28AUG97	HT-19	12920	46,240	23.120	3,027.280				
28AUG97	HT-19	12929	42,440	21.220	3,048.500				
28AUG97	HT-19	12938	46,560	23.280	3,071.780				
28AUG97	HT-19	12947	46,620	23.310	3,095.090				
28AUG97	HT-19	12956	45,800	22.900	3,117.990				
28AUG97	HT-19	12964	43,820	21.910	3,139.900				
28AUG97	HT-19	12973	43,780	21.890	3,161.790				
28AUG97	HT-19	12982	48,520	24.260	3,186.050				
28AUG97	HT-19	12990	45,760	22.880	3,678.650				
28AUG97	HT-19	12998	47,420	23.710	3,209.760				
28AUG97	HT-19	13007	46,120	23.060	3,232.820				
28AUG97	HT-19	13016	46,000	23.000	3,255.820				
28AUG97	HT-19	13025	41,160	20.580	3,276.400				
28AUG97	HT-19	13033	45,840	22.920	3,299.320				
28AUG97	HT-19	13040	41,080	20.540	3,319.860				
28AUG97	HT-19	13048	42,500	21.250	3,341.110				
28AUG97	HT-19	13055	41,520	20.760	3,361.870				
28AUG97	HT-19	13062	40,300	20.150	3,382.020	422.930	19		
28AUG97	HT-20	12909	51,480	25.740	3,407.760				
28AUG97	HT-20	12916	54,940	27.470	3,435.230				
28AUG97	HT-20	12925	56,560	28.280	3,463.510				
28AUG97	HT-20	12934	59,000	29.500	3,493.010				
28AUG97	HT-20	12943	54,280	27.140	3,520.150				
28AUG97	HT-20	12952	53,200	26.600	3,546.750				
28AUG97	HT-20	12961	56,240	28.120	3,574.870				
28AUG97	HT-20	12970	56,420	28.210	3,603.080				
28AUG97	HT-20	12978	51,840	25.920	3,629.000				
28AUG97	HT-20	12986	53,540	26.770	3,655.770				
28AUG97	HT-20	12994	51,700	25.850	3,704.500				
28AUG97	HT-20	13002	54,580	27.290	3,731.790				
28AUG97	HT-20	13012	54,680	27.340	3,759.130				
28AUG97	HT-20	13021	52,280	26.140	3,785.270				
28AUG97	HT-20	13030	55,980	27.990	3,813.260				
28AUG97	HT-20	13038	53,480	26.740	3,840.000				
28AUG97	HT-20	13046	54,400	27.200	3,867.200				
28AUG97	HT-20	13053	53,340	26.670	3,893.870				
28AUG97	HT-20	13060	56,860	28.430	3,922.300	517.400	19		
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29AUG97	HT-01	13084	44,300	22.150	22.150				
29AUG97	HT-01	13078	52,740	26.370	48.520				
29AUG97	HT-01	13087	50,780	25.390	73.910				
29AUG97	HT-01	13096	51,420	25.710	99.620				
29AUG97	HT-01	13104	45,300	22.650	122.270				
29AUG97	HT-01	13112	40,920	20.460	142.730				
29AUG97	HT-01	13120	43,860	21.930	164.660				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
29AUG97	HT-01	13127	45,240	22.620	187.280				
29AUG97	HT-01	13136	44,740	22.370	209.650				
29AUG97	HT-01	13144	39,940	19.970	229.620				
29AUG97	HT-01	13152	42,180	21.090	250.710				
29AUG97	HT-01	13160	40,580	20.290	271.000	271.000	12		
29AUG97	HT-10	13071	44,630	22.315	293.315				
29AUG97	HT-10	13079	59,820	29.910	323.225				
29AUG97	HT-10	13090	55,940	27.970	351.195				
29AUG97	HT-10	13098	52,040	26.020	377.215				
29AUG97	HT-10	13107	51,100	25.550	402.765				
29AUG97	HT-10	13115	54,540	27.270	430.035				
29AUG97	HT-10	13123	49,660	24.830	454.865				
29AUG97	HT-10	13130	56,380	28.190	483.055				
29AUG97	HT-10	13139	51,920	25.960	509.015				
29AUG97	HT-10	13147	51,320	25.660	534.675				
29AUG97	HT-10	13155	51,440	25.720	560.395	289.395	11		
29AUG97	HT-12	13069	45,220	22.610	583.005				
29AUG97	HT-12	13077	59,180	29.590	612.595				
29AUG97	HT-12	13086	48,120	24.060	636.655				
29AUG97	HT-12	13095	54,020	27.010	663.665				
29AUG97	HT-12	13103	41,380	20.690	684.355				
29AUG97	HT-12	13111	44,940	22.470	706.825				
29AUG97	HT-12	13119	43,620	21.810	728.635				
29AUG97	HT-12	13131	44,700	22.350	750.985				
29AUG97	HT-12	13134	39,540	19.770	770.755				
29AUG97	HT-12	13142	40,180	20.090	790.845				
29AUG97	HT-12	13150	44,160	22.080	812.925				
29AUG97	HT-12	13158	41,180	20.590	833.515	273.120	12		
29AUG97	HT-13	13073	60,800	30.400	863.915				
29AUG97	HT-13	13080	58,900	29.450	893.365				
29AUG97	HT-13	13089	61,000	30.500	923.865	90.350	3		
29AUG97	HT-14	13067	44,260	22.130	945.995				
29AUG97	HT-14	13074	53,180	26.590	972.585				
29AUG97	HT-14	13082	52,420	26.210	998.795				
29AUG97	HT-14	13091	50,880	25.440	1,024.235				
29AUG97	HT-14	13099	46,260	23.130	1,047.365				
29AUG97	HT-14	13106	43,520	21.760	1,069.125				
29AUG97	HT-14	13114	43,260	21.630	1,090.755				
29AUG97	HT-14	13122	42,980	21.490	1,112.245				
29AUG97	HT-14	13129	44,040	22.020	1,134.265				
29AUG97	HT-14	13138	41,180	20.590	1,154.855				
29AUG97	HT-14	13146	41,900	20.950	1,175.805				
29AUG97	HT-14	13154	40,180	20.090	1,195.895	272.030	12		
29AUG97	HT-17	13088	58,260	29.130	1,225.025				
29AUG97	HT-17	13097	58,200	29.100	1,254.125				
29AUG97	HT-17	13105	58,640	29.320	1,283.445				
29AUG97	HT-17	13113	62,480	31.240	1,314.685				
29AUG97	HT-17	13121	54,640	27.320	1,342.005				
29AUG97	HT-17	13128	51,140	25.570	1,367.575				
29AUG97	HT-17	13137	51,320	25.660	1,393.235				
29AUG97	HT-17	13145	56,120	28.060	1,421.295				
29AUG97	HT-17	13153	55,640	27.820	1,449.115				
29AUG97	HT-17	13161	54,380	27.190	1,476.305	280.410	10		
29AUG97	HT-18	13070	50,140	25.070	1,501.375				
29AUG97	HT-18	13076	50,780	25.390	1,526.765				
29AUG97	HT-18	13085	58,020	29.010	1,555.775				
29AUG97	HT-18	13093	47,260	23.630	1,579.405				
29AUG97	HT-18	13101	44,640	22.320	1,601.725				
29AUG97	HT-18	13108	43,120	21.560	1,623.285				
29AUG97	HT-18	13116	45,320	22.660	1,645.945				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
29AUG97	HT-18	13124	43,620	21.810	1,667.755				
29AUG97	HT-18	13132	43,360	21.680	1,689.435				
29AUG97	HT-18	13140	45,020	22.510	1,711.945				
29AUG97	HT-18	13148	43,080	21.540	1,733.485				
29AUG97	HT-18	13156	41,220	20.610	1,754.095	277.790	12		
29AUG97	HT-19	13068	46,420	23.210	1,777.305				
29AUG97	HT-19	13075	52,600	26.300	1,803.605				
29AUG97	HT-19	13083	56,440	28.220	1,831.825				
29AUG97	HT-19	13094	51,860	25.930	1,857.755				
29AUG97	HT-19	13102	41,960	20.980	1,878.735				
29AUG97	HT-19	13110	41,240	20.620	1,899.355				
29AUG97	HT-19	13118	45,780	22.890	1,922.245				
29AUG97	HT-19	13126	48,300	24.150	1,946.395				
29AUG97	HT-19	13135	38,620	19.310	1,965.705				
29AUG97	HT-19	13143	43,540	21.770	1,987.475				
29AUG97	HT-19	13151	38,920	19.460	2,006.935				
29AUG97	HT-19	13159	38,420	19.210	2,026.145	272.050	12		
29AUG97	HT-20	13072	55,640	27.820	2,053.965				
29AUG97	HT-20	13081	62,380	31.190	2,085.155				
29AUG97	HT-20	13092	60,700	30.350	2,115.505				
29AUG97	HT-20	13100	54,280	27.140	2,142.645				
29AUG97	HT-20	13109	55,560	27.780	2,170.425				
29AUG97	HT-20	13117	56,020	28.010	2,198.435				
29AUG97	HT-20	13125	56,800	28.400	2,226.835				
29AUG97	HT-20	13133	51,480	25.740	2,252.575				
29AUG97	HT-20	13141	55,700	27.850	2,280.425				
29AUG97	HT-20	13149	52,380	26.190	2,306.615				
29AUG97	HT-20	13157	51,080	25.540	2,332.155	306.010	11		
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02SEP97	HT-01	13170	41,840	20.920	20.920				
02SEP97	HT-01	13177	42,360	21.180	42.100				
02SEP97	HT-01	13184	41,280	20.640	62.740				
02SEP97	HT-01	13191	41,220	20.610	83.350				
02SEP97	HT-01	13199	43,600	21.800	105.150				
02SEP97	HT-01	13207	48,840	24.420	129.570				
02SEP97	HT-01	13216	49,160	24.580	154.150				
02SEP97	HT-01	13224	42,320	21.160	175.310				
02SEP97	HT-01	13232	42,880	21.440	196.750				
02SEP97	HT-01	13242	44,680	22.340	219.090				
02SEP97	HT-01	13250	46,840	23.420	242.510				
02SEP97	HT-01	13258	41,700	20.850	263.360				
02SEP97	HT-01	13266	44,380	22.190	285.550				
02SEP97	HT-01	13274	43,360	21.680	307.230				
02SEP97	HT-01	13281	39,840	19.920	327.150				
02SEP97	HT-01	13287	42,680	21.340	348.490				
02SEP97	HT-01	13294	37,700	18.850	367.340				
02SEP97	HT-01	13302	40,900	20.450	387.790				
02SEP97	HT-01	13310	42,880	21.440	409.230				
02SEP97	HT-01	13318	41,940	20.970	430.200	430.200	20		
02SEP97	HT-10	13163	56,200	28.100	458.300				
02SEP97	HT-10	13169	51,540	25.770	484.070				
02SEP97	HT-10	13176	55,100	27.550	511.620				
02SEP97	HT-10	13183	55,580	27.790	539.410				
02SEP97	HT-10	13190	55,120	27.560	566.970				
02SEP97	HT-10	13198	57,500	28.750	595.720				
02SEP97	HT-10	13206	58,100	29.050	624.770				
02SEP97	HT-10	13214	55,460	27.730	652.500				
02SEP97	HT-10	13238	52,800	26.400	678.900				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
02SEP97	HT-10	13222	54,520	27.260	706.160				
02SEP97	HT-10	13230	51,620	25.810	731.970				
02SEP97	HT-10	13246	53,620	26.810	758.780				
02SEP97	HT-10	13254	52,720	26.360	785.140				
02SEP97	HT-10	13262	53,020	26.510	811.650				
02SEP97	HT-10	13269	54,760	27.380	839.030				
02SEP97	HT-10	13277	50,460	25.230	864.260				
02SEP97	HT-10	13284	53,360	26.680	890.940				
02SEP97	HT-10	13291	50,740	25.370	916.310				
02SEP97	HT-10	13298	54,040	27.020	943.330				
02SEP97	HT-10	13306	54,880	27.440	970.770				
02SEP97	HT-10	13314	54,120	27.060	997.830				
02SEP97	HT-10	13322	56,480	28.240	1,026.070	595.870	22		
02SEP97	HT-12	13165	47,940	23.970	1,050.040				
02SEP97	HT-12	13171	46,460	23.230	1,073.270				
02SEP97	HT-12	13179	42,080	21.040	1,094.310				
02SEP97	HT-12	13186	41,740	20.870	1,115.180				
02SEP97	HT-12	13192	39,960	19.980	1,135.160				
02SEP97	HT-12	13200	40,820	20.410	1,155.570				
02SEP97	HT-12	13208	42,500	21.250	1,176.820				
02SEP97	HT-12	13215	40,700	20.350	1,197.170				
02SEP97	HT-12	13223	42,100	21.050	1,218.220				
02SEP97	HT-12	13231	41,980	20.990	1,239.210				
02SEP97	HT-12	13239	43,040	21.520	1,260.730				
02SEP97	HT-12	13248	38,100	19.050	1,279.780				
02SEP97	HT-12	13256	41,640	20.820	1,300.600				
02SEP97	HT-12	13264	38,520	19.260	1,319.860				
02SEP97	HT-12	13272	39,400	19.700	1,339.560				
02SEP97	HT-12	13279	41,540	20.770	1,360.330				
02SEP97	HT-12	13286	39,540	19.770	1,380.100				
02SEP97	HT-12	13293	39,720	19.860	1,399.960				
02SEP97	HT-12	13300	38,220	19.110	1,419.070				
02SEP97	HT-12	13308	41,240	20.620	1,439.690				
02SEP97	HT-12	13316	42,940	21.470	1,461.160				
02SEP97	HT-12	13324	39,680	19.840	1,481.000	454.930	22		
02SEP97	HT-14	13164	42,480	21.240	1,502.240				
02SEP97	HT-14	13172	42,400	21.200	1,523.440				
02SEP97	HT-14	13178	40,800	20.400	1,543.840				
02SEP97	HT-14	13185	44,500	22.250	1,566.090				
02SEP97	HT-14	13193	42,520	21.260	1,587.350				
02SEP97	HT-14	13201	44,680	22.340	1,609.690				
02SEP97	HT-14	13209	42,780	21.390	1,631.080				
02SEP97	HT-14	13217	41,400	20.700	1,651.780				
02SEP97	HT-14	13225	42,320	21.160	1,672.940				
02SEP97	HT-14	13233	41,200	20.600	1,693.540				
02SEP97	HT-14	13240	42,620	21.310	1,714.850				
02SEP97	HT-14	13247	41,260	20.630	1,735.480				
02SEP97	HT-14	13255	43,100	21.550	1,757.030				
02SEP97	HT-14	13263	45,640	22.820	1,779.850				
02SEP97	HT-14	13271	40,480	20.240	1,800.090				
02SEP97	HT-14	13278	39,720	19.860	1,819.950				
02SEP97	HT-14	13285	41,120	20.560	1,840.510				
02SEP97	HT-14	13292	40,940	20.470	1,860.980				
02SEP97	HT-14	13299	42,620	21.310	1,882.290				
02SEP97	HT-14	13307	43,540	21.770	1,904.060				
02SEP97	HT-14	13315	46,700	23.350	1,927.410				
02SEP97	HT-14	13323	40,720	20.360	1,947.770	466.770	22		
02SEP97	HT-17	13195	53,460	26.730	1,974.500				
02SEP97	HT-17	13204	58,840	29.420	2,003.920				
02SEP97	HT-17	13212	55,540	27.770	2,031.690				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
02SEP97	HT-17	13220	56,400	28.200	2,059.890				
02SEP97	HT-17	13228	58,060	29.030	2,088.920				
02SEP97	HT-17	13236	57,100	28.550	2,117.470				
02SEP97	HT-17	13244	57,060	28.530	2,146.000				
02SEP97	HT-17	13252	51,100	25.550	2,171.550				
02SEP97	HT-17	13260	54,920	27.460	2,199.010				
02SEP97	HT-17	13270	51,900	25.950	2,224.960				
02SEP97	HT-17	13301	52,800	26.400	2,251.360				
02SEP97	HT-17	13309	58,400	29.200	2,280.560				
02SEP97	HT-17	13317	52,860	26.430	2,306.990				
02SEP97	HT-17	13325	50,380	25.190	2,332.180	384.410	14		
02SEP97	HT-18	13162	47,620	23.810	2,355.990				
02SEP97	HT-18	13168	49,640	24.820	2,380.810				
02SEP97	HT-18	13175	46,900	23.450	2,404.260				
02SEP97	HT-18	13182	45,440	22.720	2,426.980				
02SEP97	HT-18	13189	44,760	22.380	2,449.360				
02SEP97	HT-18	13197	43,920	21.960	2,471.320				
02SEP97	HT-18	13205	50,760	25.380	2,496.700				
02SEP97	HT-18	13213	44,380	22.190	2,518.890				
02SEP97	HT-18	13221	41,740	20.870	2,539.760				
02SEP97	HT-18	13229	42,200	21.100	2,560.860				
02SEP97	HT-18	13237	44,700	22.350	2,583.210				
02SEP97	HT-18	13245	42,540	21.270	2,604.480				
02SEP97	HT-18	13253	42,000	21.000	2,625.480				
02SEP97	HT-18	13261	42,460	21.230	2,646.710				
02SEP97	HT-18	13268	41,080	20.540	2,667.250				
02SEP97	HT-18	13276	44,200	22.100	2,689.350				
02SEP97	HT-18	13283	41,680	20.840	2,710.190				
02SEP97	HT-18	13290	38,780	19.390	2,729.580				
02SEP97	HT-18	13297	43,080	21.540	2,751.120				
02SEP97	HT-18	13305	41,140	20.570	2,771.690				
02SEP97	HT-18	13313	43,980	21.990	2,793.680				
02SEP97	HT-18	13321	45,500	22.750	2,816.430	484.250	22		
02SEP97	HT-19	13167	42,980	21.490	2,837.920				
02SEP97	HT-19	13174	42,140	21.070	2,858.990				
02SEP97	HT-19	13181	40,660	20.330	2,879.320				
02SEP97	HT-19	13188	42,620	21.310	2,900.630				
02SEP97	HT-19	13196	46,180	23.090	2,923.720				
02SEP97	HT-19	13203	51,180	25.590	2,949.310				
02SEP97	HT-19	13211	43,760	21.880	2,971.190				
02SEP97	HT-19	13219	43,060	21.530	2,992.720				
02SEP97	HT-19	13227	43,200	21.600	3,014.320				
02SEP97	HT-19	13235	43,220	21.610	3,035.930				
02SEP97	HT-19	13243	42,400	21.200	3,057.130				
02SEP97	HT-19	13251	42,440	21.220	3,078.350				
02SEP97	HT-19	13259	44,920	22.460	3,100.810				
02SEP97	HT-19	13267	45,020	22.510	3,123.320				
02SEP97	HT-19	13275	43,460	21.730	3,145.050				
02SEP97	HT-19	13282	41,060	20.530	3,165.580				
02SEP97	HT-19	13288	41,540	20.770	3,186.350				
02SEP97	HT-19	13295	47,300	23.650	3,210.000				
02SEP97	HT-19	13303	46,360	23.180	3,233.180				
02SEP97	HT-19	13311	43,380	21.690	3,254.870				
02SEP97	HT-19	13319	41,880	20.940	3,275.810	459.380	21		
02SEP97	HT-20	13166	56,900	28.450	3,304.260				
02SEP97	HT-20	13173	52,620	26.310	3,330.570				
02SEP97	HT-20	13180	52,740	26.370	3,356.940				
02SEP97	HT-20	13187	56,180	28.090	3,385.030				
02SEP97	HT-20	13194	49,700	24.850	3,409.880				
02SEP97	HT-20	13202	57,180	28.590	3,438.470				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
02SEP97	HT-20	13210	56,840	28.420	3,466.890				
02SEP97	HT-20	13218	52,320	26.160	3,493.050				
02SEP97	HT-20	13226	55,120	27.560	3,520.610				
02SEP97	HT-20	13234	56,900	28.450	3,549.060				
02SEP97	HT-20	13241	55,060	27.530	3,576.590				
02SEP97	HT-20	13249	54,680	27.340	3,603.930				
02SEP97	HT-20	13257	53,340	26.670	3,630.600				
02SEP97	HT-20	13265	49,520	24.760	3,655.360				
02SEP97	HT-20	13273	51,020	25.510	3,680.870				
02SEP97	HT-20	13280	53,960	26.980	3,707.850				
02SEP97	HT-20	13289	54,740	27.370	3,735.220				
02SEP97	HT-20	13296	53,380	26.690	3,761.910				
02SEP97	HT-20	13304	53,460	26.730	3,788.640				
02SEP97	HT-20	13312	54,940	27.470	3,816.110				
02SEP97	HT-20	13320	55,880	27.940	3,844.050	568.240	21		
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03SEP97	HT-01	13330	43,180	21.590	21.590				
03SEP97	HT-01	13344	40,040	20.020	41.610				
03SEP97	HT-01	13352	41,820	20.910	62.520				
03SEP97	HT-01	13360	40,560	20.280	82.800				
03SEP97	HT-01	13368	40,080	20.040	102.840				
03SEP97	HT-01	13376	41,500	20.750	123.590				
03SEP97	HT-01	13384	41,700	20.850	144.440				
03SEP97	HT-01	13392	42,600	21.300	165.740				
03SEP97	HT-01	13400	41,520	20.760	186.500				
03SEP97	HT-01	13407	39,440	19.720	206.220				
03SEP97	HT-01	13415	38,200	19.100	225.320				
03SEP97	HT-01	13423	38,420	19.210	244.530				
03SEP97	HT-01	13431	43,380	21.690	266.220				
03SEP97	HT-01	13447	39,940	19.970	286.190				
03SEP97	HT-01	13455	39,260	19.630	305.820				
03SEP97	HT-01	13439	39,280	19.640	325.460				
03SEP97	HT-01	13464	40,800	20.400	345.860				
03SEP97	HT-01	13472	44,440	22.220	368.080				
03SEP97	HT-01	13480	42,720	21.360	389.440				
03SEP97	HT-01	13487	43,780	21.890	411.330				
03SEP97	HT-01	13494	43,780	21.890	433.220				
03SEP97	HT-01	13501	44,180	22.090	455.310	455.310	22		
03SEP97	HT-10	13329	51,840	25.920	481.230				
03SEP97	HT-10	13337	54,220	27.110	508.340				
03SEP97	HT-10	13349	51,640	25.820	534.160				
03SEP97	HT-10	13357	54,780	27.390	561.550				
03SEP97	HT-10	13364	54,660	27.330	588.880				
03SEP97	HT-10	13373	53,540	26.770	615.650				
03SEP97	HT-10	13381	52,660	26.330	641.980				
03SEP97	HT-10	13389	54,380	27.190	669.170				
03SEP97	HT-10	13397	54,720	27.360	696.530				
03SEP97	HT-10	13408	51,340	25.670	722.200				
03SEP97	HT-10	13417	56,240	28.120	750.320				
03SEP97	HT-10	13427	56,940	28.470	778.790				
03SEP97	HT-10	13435	55,740	27.870	806.660				
03SEP97	HT-10	13443	56,300	28.150	834.810				
03SEP97	HT-10	13451	53,320	26.660	861.470				
03SEP97	HT-10	13459	52,300	26.150	887.620				
03SEP97	HT-10	13475	55,960	27.980	915.600				
03SEP97	HT-10	13467	54,500	27.250	942.850				
03SEP97	HT-10	13490	54,200	27.100	969.950				
03SEP97	HT-10	13483	52,980	26.490	996.440				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
03SEP97	HT-10	13498	52,980	26.490	1,022.930	567.620	21		
03SEP97	HT-12	13327	40,500	20.250	1,043.180				
03SEP97	HT-12	13335	42,400	21.200	1,064.380				
03SEP97	HT-12	13342	41,400	20.700	1,085.080				
03SEP97	HT-12	13350	38,860	19.430	1,104.510				
03SEP97	HT-12	13358	43,040	21.520	1,126.030				
03SEP97	HT-12	13366	43,140	21.570	1,147.600				
03SEP97	HT-12	13374	40,220	20.110	1,167.710				
03SEP97	HT-12	13382	45,800	22.900	1,190.610				
03SEP97	HT-12	13390	42,860	21.430	1,212.040				
03SEP97	HT-12	13398	43,180	21.590	1,233.630				
03SEP97	HT-12	13405	46,840	23.420	1,257.050				
03SEP97	HT-12	13413	37,880	18.940	1,275.990				
03SEP97	HT-12	13421	40,720	20.360	1,296.350				
03SEP97	HT-12	13429	45,020	22.510	1,318.860				
03SEP97	HT-12	13437	39,280	19.640	1,338.500				
03SEP97	HT-12	13445	40,920	20.460	1,358.960				
03SEP97	HT-12	13453	39,800	19.900	1,378.860				
03SEP97	HT-12	13461	39,940	19.970	1,398.830				
03SEP97	HT-12	13470	39,260	19.630	1,418.460				
03SEP97	HT-12	13478	43,680	21.840	1,440.300				
03SEP97	HT-12	13485	38,940	19.470	1,459.770				
03SEP97	HT-12	13492	39,400	19.700	1,479.470				
03SEP97	HT-12	13499	39,500	19.750	1,499.220	476.290	23		
03SEP97	HT-14	13331	41,480	20.740	1,519.960				
03SEP97	HT-14	13338	42,040	21.020	1,540.980				
03SEP97	HT-14	13346	41,400	20.700	1,561.680				
03SEP97	HT-14	13353	44,860	22.430	1,584.110				
03SEP97	HT-14	13361	42,660	21.330	1,605.440				
03SEP97	HT-14	13369	42,080	21.040	1,626.480				
03SEP97	HT-14	13377	42,800	21.400	1,647.880				
03SEP97	HT-14	13385	43,020	21.510	1,669.390				
03SEP97	HT-14	13393	41,820	20.910	1,690.300				
03SEP97	HT-14	13401	42,300	21.150	1,711.450				
03SEP97	HT-14	13409	48,060	24.030	1,735.480				
03SEP97	HT-14	13416	41,420	20.710	1,756.190				
03SEP97	HT-14	13424	41,880	20.940	1,777.130				
03SEP97	HT-14	13432	43,400	21.700	1,798.830				
03SEP97	HT-14	13440	44,880	22.440	1,821.270				
03SEP97	HT-14	13448	41,560	20.780	1,842.050				
03SEP97	HT-14	13456	43,260	21.630	1,863.680				
03SEP97	HT-14	13465	40,960	20.480	1,884.160				
03SEP97	HT-14	13473	41,480	20.740	1,904.900				
03SEP97	HT-14	13481	40,300	20.150	1,925.050				
03SEP97	HT-14	13488	42,740	21.370	1,946.420				
03SEP97	HT-14	13495	41,820	20.910	1,967.330	468.110	22		
03SEP97	HT-17	13333	54,020	27.010	1,994.340				
03SEP97	HT-17	13340	55,780	27.890	2,022.230				
03SEP97	HT-17	13347	53,060	26.530	2,048.760				
03SEP97	HT-17	13355	56,560	28.280	2,077.040				
03SEP97	HT-17	13363	53,980	26.990	2,104.030				
03SEP97	HT-17	13371	55,360	27.680	2,131.710				
03SEP97	HT-17	13379	60,080	30.040	2,161.750				
03SEP97	HT-17	13387	53,500	26.750	2,188.500				
03SEP97	HT-17	13395	54,220	27.110	2,215.610				
03SEP97	HT-17	13403	55,200	27.600	2,243.210				
03SEP97	HT-17	13411	54,280	27.140	2,270.350				
03SEP97	HT-17	13419	55,480	27.740	2,298.090				
03SEP97	HT-17	13426	57,600	28.800	2,326.890				
03SEP97	HT-17	13434	56,660	28.330	2,355.220				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
03SEP97	HT-17	13442	54,200	27.100	2,382.320				
03SEP97	HT-17	13450	56,080	28.040	2,410.360				
03SEP97	HT-17	13458	50,820	25.410	2,435.770				
03SEP97	HT-17	13468	56,480	28.240	2,464.010				
03SEP97	HT-17	13476	58,640	29.320	2,493.330				
03SEP97	HT-17	13482	53,800	26.900	2,520.230				
03SEP97	HT-17	13489	53,760	26.880	2,547.110				
03SEP97	HT-17	13496	51,920	25.960	2,573.070	605.740	22		
03SEP97	HT-18	13326	48,460	24.230	2,597.300				
03SEP97	HT-18	13334	41,060	20.530	2,617.830				
03SEP97	HT-18	13341	40,960	20.480	2,638.310				
03SEP97	HT-18	13348	41,760	20.880	2,659.190				
03SEP97	HT-18	13356	42,540	21.270	2,680.460				
03SEP97	HT-18	13365	42,880	21.440	2,701.900				
03SEP97	HT-18	13372	43,660	21.830	2,723.730				
03SEP97	HT-18	13380	40,500	20.250	2,743.980				
03SEP97	HT-18	13388	44,440	22.220	2,766.200				
03SEP97	HT-18	13396	48,600	24.300	2,790.500				
03SEP97	HT-18	13404	45,380	22.690	2,813.190				
03SEP97	HT-18	13412	38,080	19.040	2,832.230				
03SEP97	HT-18	13420	43,000	21.500	2,853.730				
03SEP97	HT-18	13428	45,040	22.520	2,876.250				
03SEP97	HT-18	13436	38,460	19.230	2,895.480				
03SEP97	HT-18	13444	38,500	19.250	2,914.730				
03SEP97	HT-18	13452	39,400	19.700	2,934.430				
03SEP97	HT-18	13460	38,400	19.200	2,953.630				
03SEP97	HT-18	13469	40,300	20.150	2,973.780				
03SEP97	HT-18	13477	42,560	21.280	2,995.060				
03SEP97	HT-18	13484	46,120	23.060	3,018.120				
03SEP97	HT-18	13491	46,780	23.390	3,041.510				
03SEP97	HT-18	13497	43,540	21.770	3,063.280	490.210	23		
03SEP97	HT-19	13332	45,160	22.580	3,085.860				
03SEP97	HT-19	13339	41,840	20.920	3,106.780				
03SEP97	HT-19	13346	42,080	21.040	3,127.820				
03SEP97	HT-19	13354	46,180	23.090	3,150.910				
03SEP97	HT-19	13362	43,540	21.770	3,172.680				
03SEP97	HT-19	13370	44,300	22.150	3,194.830				
03SEP97	HT-19	13378	46,000	23.000	3,217.830				
03SEP97	HT-19	13386	44,080	22.040	3,239.870				
03SEP97	HT-19	13394	42,420	21.210	3,261.080				
03SEP97	HT-19	13402	43,880	21.940	3,283.020				
03SEP97	HT-19	13410	43,580	21.790	3,304.810				
03SEP97	HT-19	13418	43,540	21.770	3,326.580				
03SEP97	HT-19	13425	43,780	21.890	3,348.470				
03SEP97	HT-19	13433	44,040	22.020	3,370.490				
03SEP97	HT-19	13441	43,520	21.760	3,392.250				
03SEP97	HT-19	13449	43,920	21.960	3,414.210				
03SEP97	HT-19	13457	43,780	21.890	3,436.100				
03SEP97	HT-19	13466	43,480	21.740	3,457.840				
03SEP97	HT-19	13474	41,300	20.650	3,478.490	415.210	19		
03SEP97	HT-20	13328	55,240	27.620	3,506.110				
03SEP97	HT-20	13336	55,440	27.720	3,533.830				
03SEP97	HT-20	13343	57,040	28.520	3,562.350				
03SEP97	HT-20	13351	54,380	27.190	3,589.540				
03SEP97	HT-20	13359	55,580	27.790	3,617.330				
03SEP97	HT-20	13367	56,240	28.120	3,645.450				
03SEP97	HT-20	13375	57,760	28.880	3,674.330				
03SEP97	HT-20	13383	57,640	28.820	3,703.150				
03SEP97	HT-20	13391	53,780	26.890	3,730.040				
03SEP97	HT-20	13399	54,960	27.480	3,757.520				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
03SEP97	HT-20	13406	55,780	27.890	3,785.410				
03SEP97	HT-20	13414	51,820	25.910	3,811.320				
03SEP97	HT-20	13422	51,740	25.870	3,837.190				
03SEP97	HT-20	13430	58,220	29.110	3,866.300				
03SEP97	HT-20	13438	56,600	28.300	3,894.600				
03SEP97	HT-20	13446	53,840	26.920	3,921.520				
03SEP97	HT-20	13454	58,100	29.050	3,950.570				
03SEP97	HT-20	13463	58,080	29.040	3,979.610				
03SEP97	HT-20	13471	59,200	29.600	4,009.210				
03SEP97	HT-20	13479	57,280	28.640	4,037.850				
03SEP97	HT-20	13486	54,660	27.330	4,065.180				
03SEP97	HT-20	13493	53,440	26.720	4,091.900				
03SEP97	HT-20	13500	52,540	26.270	4,118.170	639.680	23		
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04SEP97	HT-01	13507	45,860	22.930	22.930				
04SEP97	HT-01	13698	43,480	21.740	44.670				
04SEP97	HT-01	13566	46,600	23.300	67.970				
04SEP97	HT-01	13574	45,040	22.520	90.490				
04SEP97	HT-01	13582	43,260	21.630	112.120				
04SEP97	HT-01	13589	42,020	21.010	133.130				
04SEP97	HT-01	13597	42,580	21.290	154.420				
04SEP97	HT-01	13605	46,600	23.300	177.720				
04SEP97	HT-01	13613	40,140	20.070	197.790				
04SEP97	HT-01	13622	43,140	21.570	219.360				
04SEP97	HT-01	13630	42,880	21.440	240.800				
04SEP97	HT-01	13638	41,540	20.770	261.570				
04SEP97	HT-01	13646	44,700	22.350	283.920				
04SEP97	HT-01	13654	40,740	20.370	304.290				
04SEP97	HT-01	13661	40,080	20.040	324.330				
04SEP97	HT-01	13668	44,380	22.190	346.520				
04SEP97	HT-01	13675	41,260	20.630	367.150				
04SEP97	HT-01	13682	44,580	22.290	389.440				
04SEP97	HT-01	13690	46,220	23.110	412.550	412.550	19		
04SEP97	HT-10	13510	54,940	27.470	440.020				
04SEP97	HT-10	13517	60,040	30.020	470.040				
04SEP97	HT-10	13524	53,840	26.920	496.960				
04SEP97	HT-10	13530	50,260	25.130	522.090				
04SEP97	HT-10	13537	55,400	27.700	549.790				
04SEP97	HT-10	13543	53,140	26.570	576.360				
04SEP97	HT-10	13550	55,260	27.630	603.990				
04SEP97	HT-10	13557	53,620	26.810	630.800				
04SEP97	HT-10	13564	51,360	25.680	656.480				
04SEP97	HT-10	13572	53,240	26.620	683.100				
04SEP97	HT-10	13580	54,860	27.430	710.530				
04SEP97	HT-10	13588	56,660	28.330	738.860				
04SEP97	HT-10	13595	53,220	26.610	765.470				
04SEP97	HT-10	13603	53,740	26.870	792.340				
04SEP97	HT-10	13611	51,960	25.980	818.320				
04SEP97	HT-10	13619	52,500	26.250	844.570				
04SEP97	HT-10	13627	51,700	25.850	870.420				
04SEP97	HT-10	13634	51,120	25.560	895.980				
04SEP97	HT-10	13642	52,400	26.200	922.180				
04SEP97	HT-10	13650	54,380	27.190	949.370				
04SEP97	HT-10	13658	52,820	26.410	975.780				
04SEP97	HT-10	13665	49,040	24.520	1,000.300				
04SEP97	HT-10	13671	52,900	26.450	1,026.750				
04SEP97	HT-10	13678	54,380	27.190	1,053.940				
04SEP97	HT-10	13686	51,720	25.860	1,079.800				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
04SEP97	HT-10	13693	53,100	26.550	1,106.350				
04SEP97	HT-10	13700	55,600	27.800	1,134.150	721.600	27		
04SEP97	HT-12	13504	48,820	24.410	1,158.560				
04SEP97	HT-12	13512	40,580	20.290	1,178.850				
04SEP97	HT-12	13519	42,600	21.300	1,200.150				
04SEP97	HT-12	13526	42,700	21.350	1,221.500				
04SEP97	HT-12	13533	42,040	21.020	1,242.520				
04SEP97	HT-12	13539	40,400	20.200	1,262.720				
04SEP97	HT-12	13546	41,820	20.910	1,283.630				
04SEP97	HT-12	13553	43,040	21.520	1,305.150				
04SEP97	HT-12	13560	41,100	20.550	1,325.700				
04SEP97	HT-12	13568	41,020	20.510	1,346.210				
04SEP97	HT-12	13576	39,620	19.810	1,366.020				
04SEP97	HT-12	13584	43,800	21.900	1,387.920				
04SEP97	HT-12	13592	40,780	20.390	1,408.310				
04SEP97	HT-12	13600	43,580	21.790	1,430.100				
04SEP97	HT-12	13607	41,220	20.610	1,450.710				
04SEP97	HT-12	13615	35,000	17.500	1,468.210				
04SEP97	HT-12	13624	37,520	18.760	1,486.970				
04SEP97	HT-12	13632	38,800	19.400	1,506.370				
04SEP97	HT-12	13640	38,380	19.190	1,525.560				
04SEP97	HT-12	13648	41,060	20.530	1,546.090				
04SEP97	HT-12	13656	45,620	22.810	1,568.900				
04SEP97	HT-12	13663	38,340	19.170	1,588.070				
04SEP97	HT-12	13670	36,940	18.470	1,606.540				
04SEP97	HT-12	13677	40,380	20.190	1,626.730				
04SEP97	HT-12	13684	35,900	17.950	1,644.680				
04SEP97	HT-12	13692	40,360	20.180	1,664.860				
04SEP97	HT-12	13699	40,820	20.410	1,685.270	551.120	27		
04SEP97	HT-13	13509	53,140	26.570	1,711.840				
04SEP97	HT-13	13516	55,040	27.520	1,739.360				
04SEP97	HT-13	13523	50,280	25.140	1,764.500				
04SEP97	HT-13	13531	50,980	25.490	1,789.990				
04SEP97	HT-13	13538	55,320	27.660	1,817.650				
04SEP97	HT-13	13544	53,860	26.930	1,844.580				
04SEP97	HT-13	13551	51,700	25.850	1,870.430				
04SEP97	HT-13	13558	55,740	27.870	1,898.300				
04SEP97	HT-13	13565	56,300	28.150	1,926.450				
04SEP97	HT-13	13573	55,460	27.730	1,954.180				
04SEP97	HT-13	13581	54,040	27.020	1,981.200				
04SEP97	HT-13	13591	55,160	27.580	2,008.780				
04SEP97	HT-13	13599	55,940	27.970	2,036.750				
04SEP97	HT-13	13608	52,980	26.490	2,063.240				
04SEP97	HT-13	13618	52,100	26.050	2,089.290				
04SEP97	HT-13	13626	50,840	25.420	2,114.710				
04SEP97	HT-13	13636	51,480	25.740	2,140.450				
04SEP97	HT-13	13644	51,340	25.670	2,166.120				
04SEP97	HT-13	13652	51,100	25.550	2,191.670				
04SEP97	HT-13	13660	55,660	27.830	2,219.500				
04SEP97	HT-13	13667	51,600	25.800	2,245.300				
04SEP97	HT-13	13674	54,520	27.260	2,272.560				
04SEP97	HT-13	13681	52,000	26.000	2,298.560				
04SEP97	HT-13	13689	52,140	26.070	2,324.630				
04SEP97	HT-13	13696	55,160	27.580	2,352.210	666.940	25		
04SEP97	HT-14	13508	42,660	21.330	2,373.540				
04SEP97	HT-14	13515	42,800	21.400	2,394.940				
04SEP97	HT-14	13522	39,300	19.650	2,414.590				
04SEP97	HT-14	13529	47,600	23.800	2,438.390				
04SEP97	HT-14	13536	44,240	22.120	2,460.510				
04SEP97	HT-14	13542	46,340	23.170	2,483.680				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
04SEP97	HT-14	13549	40,420	20.210	2,503.890				
04SEP97	HT-14	13556	44,740	22.370	2,526.260				
04SEP97	HT-14	13563	41,320	20.660	2,546.920				
04SEP97	HT-14	13571	45,600	22.800	2,569.720				
04SEP97	HT-14	13579	42,340	21.170	2,590.890				
04SEP97	HT-14	13587	42,820	21.410	2,612.300				
04SEP97	HT-14	13596	42,420	21.210	2,633.510				
04SEP97	HT-14	13604	40,340	20.170	2,653.680				
04SEP97	HT-14	13612	42,480	21.240	2,674.920				
04SEP97	HT-14	13621	44,600	22.300	2,697.220				
04SEP97	HT-14	13629	43,040	21.520	2,718.740				
04SEP97	HT-14	13637	41,680	20.840	2,739.580				
04SEP97	HT-14	13645	43,080	21.540	2,761.120				
04SEP97	HT-14	13653	46,800	23.400	2,784.520	432.310	20		
04SEP97	HT-17	13503	54,700	27.350	2,811.870				
04SEP97	HT-17	13511	55,120	27.560	2,839.430				
04SEP97	HT-17	13518	54,060	27.030	2,866.460				
04SEP97	HT-17	13525	55,640	27.820	2,894.280				
04SEP97	HT-17	13532	58,540	29.270	2,923.550				
04SEP97	HT-17	13616	44,460	22.230	2,945.780				
04SEP97	HT-17	13545	57,580	28.790	2,974.570				
04SEP97	HT-17	13552	56,280	28.140	3,002.710				
04SEP97	HT-17	13559	56,020	28.010	3,030.720				
04SEP97	HT-17	13567	54,100	27.050	3,057.770				
04SEP97	HT-17	13575	53,660	26.830	3,084.600				
04SEP97	HT-17	13583	57,860	28.930	3,113.530				
04SEP97	HT-17	13590	57,400	28.700	3,142.230				
04SEP97	HT-17	13598	52,940	26.470	3,168.700				
04SEP97	HT-17	13606	57,720	28.860	3,197.560				
04SEP97	HT-17	13614	53,400	26.700	3,224.260				
04SEP97	HT-17	13623	56,420	28.210	3,252.470				
04SEP97	HT-17	13631	47,840	23.920	3,276.390				
04SEP97	HT-17	13639	52,880	26.440	3,302.830				
04SEP97	HT-17	13647	57,180	28.590	3,331.420				
04SEP97	HT-17	13655	55,780	27.890	3,359.310				
04SEP97	HT-17	13662	58,900	29.450	3,388.760				
04SEP97	HT-17	13669	56,660	28.330	3,417.090				
04SEP97	HT-17	13676	51,640	25.820	3,442.910				
04SEP97	HT-17	13683	57,100	28.550	3,471.460				
04SEP97	HT-17	13691	58,320	29.160	3,500.620				
04SEP97	HT-17	13697	57,040	28.520	3,529.140	744.620	27		
04SEP97	HT-18	13505	40,300	20.150	3,549.290				
04SEP97	HT-18	13513	44,300	22.150	3,571.440				
04SEP97	HT-18	13520	46,200	23.100	3,594.540				
04SEP97	HT-18	13527	48,140	24.070	3,618.610				
04SEP97	HT-18	13534	47,900	23.950	3,642.560				
04SEP97	HT-18	13540	46,340	23.170	3,665.730				
04SEP97	HT-18	13547	43,840	21.920	3,687.650				
04SEP97	HT-18	13554	45,220	22.610	3,710.260				
04SEP97	HT-18	13561	42,720	21.360	3,731.620				
04SEP97	HT-18	13569	43,340	21.670	3,753.290				
04SEP97	HT-18	13577	49,200	24.600	3,777.890				
04SEP97	HT-18	13585	45,240	22.620	3,800.510				
04SEP97	HT-18	13593	42,020	21.010	3,821.520				
04SEP97	HT-18	13601	42,840	21.420	3,842.940				
04SEP97	HT-18	13609	41,200	20.600	3,863.540				
04SEP97	HT-18	13617	46,720	23.360	3,886.900				
04SEP97	HT-18	13625	42,420	21.210	3,908.110				
04SEP97	HT-18	13633	41,820	20.910	3,929.020				
04SEP97	HT-18	13641	40,960	20.480	3,949.500				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
04SEP97	HT-18	13649	43,720	21.860	3,971.360				
04SEP97	HT-18	13657	46,200	23.100	3,994.460				
04SEP97	HT-18	13664	42,120	21.060	4,015.520				
04SEP97	HT-18	13672	38,600	19.300	4,034.820				
04SEP97	HT-18	13679	44,840	22.420	4,057.240				
04SEP97	HT-18	13687	39,760	19.880	4,077.120				
04SEP97	HT-18	13694	39,600	19.800	4,096.920				
04SEP97	HT-18	13701	43,560	21.780	4,118.700	589.560	27		
04SEP97	HT-20	13506	52,800	26.400	4,145.100				
04SEP97	HT-20	13514	58,240	29.120	4,174.220				
04SEP97	HT-20	13521	60,240	30.120	4,204.340				
04SEP97	HT-20	13528	51,980	25.990	4,230.330				
04SEP97	HT-20	13535	59,280	29.640	4,259.970				
04SEP97	HT-20	13541	53,940	26.970	4,286.940				
04SEP97	HT-20	13548	54,600	27.300	4,314.240				
04SEP97	HT-20	13555	55,480	27.740	4,341.980				
04SEP97	HT-20	13562	58,700	29.350	4,371.330				
04SEP97	HT-20	13570	51,940	25.970	4,397.300				
04SEP97	HT-20	13578	54,280	27.140	4,424.440				
04SEP97	HT-20	13586	56,140	28.070	4,452.510				
04SEP97	HT-20	13594	51,960	25.980	4,478.490				
04SEP97	HT-20	13602	56,800	28.400	4,506.890				
04SEP97	HT-20	13610	58,200	29.100	4,535.990				
04SEP97	HT-20	13620	59,160	29.580	4,565.570				
04SEP97	HT-20	13628	51,920	25.960	4,591.530				
04SEP97	HT-20	13635	54,280	27.140	4,618.670				
04SEP97	HT-20	13643	51,100	25.550	4,644.220				
04SEP97	HT-20	13651	54,560	27.280	4,671.500				
04SEP97	HT-20	13659	47,780	23.890	4,695.390				
04SEP97	HT-20	13666	51,600	25.800	4,721.190				
04SEP97	HT-20	13673	54,400	27.200	4,748.390				
04SEP97	HT-20	13680	53,280	26.640	4,775.030				
04SEP97	HT-20	13688	50,100	25.050	4,800.080				
04SEP97	HT-20	13695	53,020	26.510	4,826.590	707.890	26		
==========	========	=========	==========	=========	==========	==========	==========	**4,826.590**	**198**
05SEP97	HT-01	13707	49,040	24.520	24.520				
05SEP97	HT-01	13715	48,280	24.140	48.660				
05SEP97	HT-01	13723	50,180	25.090	73.750				
05SEP97	HT-01	13731	47,240	23.620	97.370				
05SEP97	HT-01	13739	51,100	25.550	122.920				
05SEP97	HT-01	13746	50,220	25.110	148.030				
05SEP97	HT-01	13754	45,540	22.770	170.800				
05SEP97	HT-01	13762	45,540	22.770	193.570				
05SEP97	HT-01	13770	46,400	23.200	216.770				
05SEP97	HT-01	13778	47,660	23.830	240.600				
05SEP97	HT-01	13785	43,720	21.860	262.460				
05SEP97	HT-01	13792	45,800	22.900	285.360				
05SEP97	HT-01	13800	45,800	22.900	308.260				
05SEP97	HT-01	13809	43,040	21.520	329.780				
05SEP97	HT-01	13818	45,300	22.650	352.430				
05SEP97	HT-01	13827	41,760	20.880	373.310				
05SEP97	HT-01	13836	44,700	22.350	395.660				
05SEP97	HT-01	13844	45,860	22.930	418.590				
05SEP97	HT-01	13856	46,940	23.470	442.060				
05SEP97	HT-01	13865	45,940	22.970	465.030				
05SEP97	HT-01	13873	47,100	23.550	488.580				
05SEP97	HT-01	13882	44,620	22.310	510.890				
05SEP97	HT-01	13891	43,740	21.870	532.760				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
05SEP97	HT-01	13900	45,160	22.580	555.340				
05SEP97	HT-01	13909	41,900	20.950	576.290	576.290	25		
05SEP97	HT-10	13703	54,680	27.340	603.630				
05SEP97	HT-10	13710	53,120	26.560	630.190				
05SEP97	HT-10	13718	57,840	28.920	659.110				
05SEP97	HT-10	13726	56,780	28.390	687.500				
05SEP97	HT-10	13734	58,420	29.210	716.710				
05SEP97	HT-10	13742	57,600	28.800	745.510				
05SEP97	HT-10	13750	55,740	27.870	773.380				
05SEP97	HT-10	13758	58,200	29.100	802.480				
05SEP97	HT-10	13765	54,940	27.470	829.950				
05SEP97	HT-10	13773	58,920	29.460	859.410				
05SEP97	HT-10	13781	58,360	29.180	888.590				
05SEP97	HT-10	13789	56,100	28.050	916.640				
05SEP97	HT-10	13798	54,120	27.060	943.700				
05SEP97	HT-10	13806	53,960	26.980	970.680				
05SEP97	HT-10	13815	58,480	29.240	999.920				
05SEP97	HT-10	13824	58,760	29.380	1,029.300				
05SEP97	HT-10	13833	55,460	27.730	1,057.030				
05SEP97	HT-10	13843	48,400	24.200	1,081.230				
05SEP97	HT-10	13850	53,740	26.870	1,108.100				
05SEP97	HT-10	13859	52,560	26.280	1,134.380				
05SEP97	HT-10	13868	56,000	28.000	1,162.380				
05SEP97	HT-10	13878	53,800	26.900	1,189.280				
05SEP97	HT-10	13887	52,280	26.140	1,215.420				
05SEP97	HT-10	13896	56,340	28.170	1,243.590				
05SEP97	HT-10	13907	55,260	27.630	1,271.220	694.930	25		
05SEP97	HT-12	13705	46,060	23.030	1,294.250				
05SEP97	HT-12	13711	48,480	24.240	1,318.490				
05SEP97	HT-12	13719	49,380	24.690	1,343.180				
05SEP97	HT-12	13727	42,780	21.390	1,364.570				
05SEP97	HT-12	13735	50,620	25.310	1,389.880				
05SEP97	HT-12	13743	49,100	24.550	1,414.430				
05SEP97	HT-12	13751	45,420	22.710	1,437.140				
05SEP97	HT-12	13759	46,160	23.080	1,460.220				
05SEP97	HT-12	13767	46,020	23.010	1,483.230				
05SEP97	HT-12	13774	43,200	21.600	1,504.830				
05SEP97	HT-12	13782	46,140	23.070	1,527.900				
05SEP97	HT-12	13790	45,940	22.970	1,550.870				
05SEP97	HT-12	13797	44,920	22.460	1,573.330				
05SEP97	HT-12	13805	44,300	22.150	1,595.480				
05SEP97	HT-12	13814	43,900	21.950	1,617.430				
05SEP97	HT-12	13823	43,840	21.920	1,639.350				
05SEP97	HT-12	13831	45,040	22.520	1,661.870				
05SEP97	HT-12	13840	40,760	20.380	1,682.250				
05SEP97	HT-12	13849	41,840	20.920	1,703.170				
05SEP97	HT-12	13858	41,980	20.990	1,724.160				
05SEP97	HT-12	13866	42,000	21.000	1,745.160				
05SEP97	HT-12	13875	45,160	22.580	1,767.740				
05SEP97	HT-12	13884	42,000	21.000	1,788.740				
05SEP97	HT-12	13893	44,720	22.360	1,811.100				
05SEP97	HT-12	13902	44,800	22.400	1,833.500				
05SEP97	HT-12	13911	45,740	22.870	1,856.370	585.150	26		
05SEP97	HT-13	13712	56,800	28.400	1,884.770				
05SEP97	HT-13	13720	58,020	29.010	1,913.780				
05SEP97	HT-13	13728	53,680	26.840	1,940.620				
05SEP97	HT-13	13736	57,360	28.680	1,969.300				
05SEP97	HT-13	13744	54,060	27.030	1,996.330				
05SEP97	HT-13	13753	56,940	28.470	2,024.800				
05SEP97	HT-13	13761	58,600	29.300	2,054.100				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
05SEP97	HT-13	13769	53,340	26.670	2,080.770				
05SEP97	HT-13	13777	56,080	28.040	2,108.810				
05SEP97	HT-13	13784	54,580	27.290	2,136.100				
05SEP97	HT-13	13793	59,900	29.950	2,166.050				
05SEP97	HT-13	13803	55,300	27.650	2,193.700				
05SEP97	HT-13	13812	54,580	27.290	2,220.990				
05SEP97	HT-13	13821	55,340	27.670	2,248.660				
05SEP97	HT-13	13830	55,640	27.820	2,276.480				
05SEP97	HT-13	13839	54,100	27.050	2,303.530				
05SEP97	HT-13	13848	52,900	26.450	2,329.980				
05SEP97	HT-13	13857	54,580	27.290	2,357.270				
05SEP97	HT-13	13867	55,420	27.710	2,384.980				
05SEP97	HT-13	13877	58,480	29.240	2,414.220				
05SEP97	HT-13	13886	56,740	28.370	2,442.590				
05SEP97	HT-13	13895	53,480	26.740	2,469.330				
05SEP97	HT-13	13904	56,980	28.490	2,497.820				
05SEP97	HT-13	13913	56,520	28.260	2,526.080	669.710	24		
05SEP97	HT-14	13704	43,880	21.940	2,548.020				
05SEP97	HT-14	13716	48,700	24.350	2,572.370				
05SEP97	HT-14	13724	45,760	22.880	2,595.250				
05SEP97	HT-14	13732	50,560	25.280	2,620.530				
05SEP97	HT-14	13741	50,400	25.200	2,645.730				
05SEP97	HT-14	13749	46,040	23.020	2,668.750				
05SEP97	HT-14	13757	44,960	22.480	2,691.230				
05SEP97	HT-14	13766	45,480	22.740	2,713.970				
05SEP97	HT-14	13776	44,620	22.310	2,736.280				
05SEP97	HT-14	13787	49,780	24.890	2,761.170				
05SEP97	HT-14	13795	45,040	22.520	2,783.690				
05SEP97	HT-14	13802	43,000	21.500	2,805.190				
05SEP97	HT-14	13811	46,020	23.010	2,828.200				
05SEP97	HT-14	13819	43,160	21.580	2,849.780				
05SEP97	HT-14	13828	43,420	21.710	2,871.490				
05SEP97	HT-14	13837	44,400	22.200	2,893.690				
05SEP97	HT-14	13846	42,640	21.320	2,915.010				
05SEP97	HT-14	13854	45,200	22.600	2,937.610				
05SEP97	HT-14	13863	45,460	22.730	2,960.340				
05SEP97	HT-14	13872	41,740	20.870	2,981.210				
05SEP97	HT-14	13881	46,340	23.170	3,004.380				
05SEP97	HT-14	13890	41,560	20.780	3,025.160				
05SEP97	HT-14	13899	42,520	21.260	3,046.420				
05SEP97	HT-14	13908	46,480	23.240	3,069.660	543.580	24		
05SEP97	HT-17	13706	55,020	27.510	3,097.170				
05SEP97	HT-17	13713	60,800	30.400	3,127.570				
05SEP97	HT-17	13721	61,500	30.750	3,158.320				
05SEP97	HT-17	13729	58,480	29.240	3,187.560				
05SEP97	HT-17	13737	62,060	31.030	3,218.590				
05SEP97	HT-17	13745	59,980	29.990	3,248.580				
05SEP97	HT-17	13752	50,960	25.480	3,274.060				
05SEP97	HT-17	13760	59,960	29.980	3,304.040				
05SEP97	HT-17	13768	55,540	27.770	3,331.810				
05SEP97	HT-17	13775	61,260	30.630	3,362.440				
05SEP97	HT-17	13783	55,740	27.870	3,390.310				
05SEP97	HT-17	13791	55,400	27.700	3,418.010				
05SEP97	HT-17	13799	53,340	26.670	3,444.680				
05SEP97	HT-17	13807	57,580	28.790	3,473.470				
05SEP97	HT-17	13816	54,460	27.230	3,500.700				
05SEP97	HT-17	13825	60,660	30.330	3,531.030				
05SEP97	HT-17	13834	56,160	28.080	3,559.110				
05SEP97	HT-17	13842	58,220	29.110	3,588.220				
05SEP97	HT-17	13851	57,840	28.920	3,617.140				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
05SEP97	HT-17	13861	52,200	26.100	3,643.240				
05SEP97	HT-17	13870	56,680	28.340	3,671.580				
05SEP97	HT-17	13879	56,500	28.250	3,699.830				
05SEP97	HT-17	13888	56,480	28.240	3,728.070				
05SEP97	HT-17	13897	57,600	28.800	3,756.870				
05SEP97	HT-17	13905	56,240	28.120	3,784.990	715.330	25		
05SEP97	HT-18	13702	42,680	21.340	3,806.330				
05SEP97	HT-18	13709	42,480	21.240	3,827.570				
05SEP97	HT-18	13717	48,100	24.050	3,851.620				
05SEP97	HT-18	13725	46,360	23.180	3,874.800				
05SEP97	HT-18	13733	47,080	23.540	3,898.340				
05SEP97	HT-18	13740	46,040	23.020	3,921.360				
05SEP97	HT-18	13748	47,980	23.990	3,945.350				
05SEP97	HT-18	13756	44,360	22.180	3,967.530				
05SEP97	HT-18	13764	46,560	23.280	3,990.810				
05SEP97	HT-18	13772	50,300	25.150	4,015.960				
05SEP97	HT-18	13779	46,040	23.020	4,038.980				
05SEP97	HT-18	13786	49,520	24.760	4,063.740				
05SEP97	HT-18	13794	45,700	22.850	4,086.590				
05SEP97	HT-18	13801	45,820	22.910	4,109.500				
05SEP97	HT-18	13808	43,360	21.680	4,131.180				
05SEP97	HT-18	13817	44,820	22.410	4,153.590				
05SEP97	HT-18	13826	49,380	24.690	4,178.280				
05SEP97	HT-18	13835	43,540	21.770	4,200.050				
05SEP97	HT-18	13845	41,780	20.890	4,220.940				
05SEP97	HT-18	13852	44,300	22.150	4,243.090				
05SEP97	HT-18	13860	44,840	22.420	4,265.510				
05SEP97	HT-18	13869	42,700	21.350	4,286.860				
05SEP97	HT-18	13876	46,100	23.050	4,309.910				
05SEP97	HT-18	13885	43,920	21.960	4,331.870				
05SEP97	HT-18	13894	45,680	22.840	4,354.710				
05SEP97	HT-18	13903	44,380	22.190	4,376.900				
05SEP97	HT-18	13912	48,020	24.010	4,400.910	615.920	27		
05SEP97	HT-19	13810	44,540	22.270	4,423.180				
05SEP97	HT-19	13820	45,840	22.920	4,446.100				
05SEP97	HT-19	13829	45,680	22.840	4,468.940				
05SEP97	HT-19	13838	42,560	21.280	4,490.220				
05SEP97	HT-19	13847	44,320	22.160	4,512.380				
05SEP97	HT-19	13855	41,160	20.580	4,532.960				
05SEP97	HT-19	13864	44,220	22.110	4,555.070				
05SEP97	HT-19	13874	46,240	23.120	4,578.190				
05SEP97	HT-19	13883	47,700	23.850	4,602.040				
05SEP97	HT-19	13892	44,300	22.150	4,624.190				
05SEP97	HT-19	13901	42,100	21.050	4,645.240				
05SEP97	HT-19	13910	43,520	21.760	4,667.000	266.090	12		
05SEP97	HT-20	13708	54,340	27.170	4,694.170				
05SEP97	HT-20	13714	61,960	30.980	4,725.150				
05SEP97	HT-20	13722	58,220	29.110	4,754.260				
05SEP97	HT-20	13730	56,220	28.110	4,782.370				
05SEP97	HT-20	13738	55,360	27.680	4,810.050				
05SEP97	HT-20	13747	60,860	30.430	4,840.480				
05SEP97	HT-20	13755	57,640	28.820	4,869.300				
05SEP97	HT-20	13763	53,940	26.970	4,896.270				
05SEP97	HT-20	13771	61,320	30.660	4,926.930				
05SEP97	HT-20	13780	59,480	29.740	4,956.670				
05SEP97	HT-20	13788	53,840	26.920	4,983.590				
05SEP97	HT-20	13796	56,100	28.050	5,011.640				
05SEP97	HT-20	13804	58,360	29.180	5,040.820				
05SEP97	HT-20	13813	57,320	28.660	5,069.480				
05SEP97	HT-20	13822	55,980	27.990	5,097.470				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
05SEP97	HT-20	13832	54,680	27.340	5,124.810				
05SEP97	HT-20	13841	55,920	27.960	5,152.770				
05SEP97	HT-20	13853	51,460	25.730	5,178.500				
05SEP97	HT-20	13862	52,260	26.130	5,204.630				
05SEP97	HT-20	13871	57,480	28.740	5,233.370				
05SEP97	HT-20	13880	54,160	27.080	5,260.450				
05SEP97	HT-20	13889	58,320	29.160	5,289.610				
05SEP97	HT-20	13898	53,120	26.560	5,316.170				
05SEP97	HT-20	13906	56,040	28.020	5,344.190	677.190	24		
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08SEP97	HT-01	13914	46,700	23.350	23.350				
08SEP97	HT-01	13923	50,960	25.480	48.830				
08SEP97	HT-01	13929	44,720	22.360	71.190				
08SEP97	HT-01	13936	47,520	23.760	94.950				
08SEP97	HT-01	13943	45,740	22.870	117.820				
08SEP97	HT-01	13950	41,680	20.840	138.660				
08SEP97	HT-01	13958	45,860	22.930	161.590				
08SEP97	HT-01	13966	47,680	23.840	185.430				
08SEP97	HT-01	13973	48,360	24.180	209.610				
08SEP97	HT-01	13981	47,200	23.600	233.210				
08SEP97	HT-01	13989	46,800	23.400	256.610				
08SEP97	HT-01	13997	48,700	24.350	280.960				
08SEP97	HT-01	14255	45,040	22.520	303.480				
08SEP97	HT-01	14263	44,060	22.030	325.510				
08SEP97	HT-01	14272	42,980	21.490	347.000				
08SEP97	HT-01	14280	45,860	22.930	369.930				
08SEP97	HT-01	14287	47,000	23.500	393.430				
08SEP97	HT-01	14294	45,760	22.880	416.310				
08SEP97	HT-01	14302	46,100	23.050	439.360				
08SEP97	HT-01	14310	43,100	21.550	460.910				
08SEP97	HT-01	14318	46,760	23.380	484.290				
08SEP97	HT-01	14327	46,340	23.170	507.460				
08SEP97	HT-01	14335	46,340	23.170	530.630				
08SEP97	HT-01	14343	47,380	23.690	554.320	554.320	24		
08SEP97	HT-12	13915	48,320	24.160	578.480				
08SEP97	HT-12	13924	45,980	22.990	601.470				
08SEP97	HT-12	13930	44,780	22.390	623.860				
08SEP97	HT-12	13937	48,480	24.240	648.100				
08SEP97	HT-12	13944	46,880	23.440	671.540				
08SEP97	HT-12	13951	49,280	24.640	696.180				
08SEP97	HT-12	13959	44,600	22.300	718.480				
08SEP97	HT-12	13967	49,060	24.530	743.010				
08SEP97	HT-12	13975	45,640	22.820	765.830				
08SEP97	HT-12	13983	46,200	23.100	788.930				
08SEP97	HT-12	13991	44,540	22.270	811.200				
08SEP97	HT-12	13999	45,840	22.920	834.120				
08SEP97	HT-12	14257	45,640	22.820	856.940				
08SEP97	HT-12	14265	48,180	24.090	881.030				
08SEP97	HT-12	14273	43,820	21.910	902.940				
08SEP97	HT-12	14281	42,580	21.290	924.230				
08SEP97	HT-12	14289	42,780	21.390	945.620				
08SEP97	HT-12	14297	46,880	23.440	969.060				
08SEP97	HT-12	14305	43,560	21.780	990.840				
08SEP97	HT-12	14312	47,720	23.860	1,014.700				
08SEP97	HT-12	14321	44,920	22.460	1,037.160				
08SEP97	HT-12	14329	47,600	23.800	1,060.960				
08SEP97	HT-12	14337	45,580	22.790	1,083.750				
08SEP97	HT-12	14345	44,540	22.270	1,106.020	551.700	24		

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
08SEP97	HT-13	13921	58,800	29.400	1,135.420				
08SEP97	HT-13	13928	54,080	27.040	1,162.460				
08SEP97	HT-13	13935	55,380	27.690	1,190.150				
08SEP97	HT-13	13954	55,720	27.860	1,218.010				
08SEP97	HT-13	13962	54,020	27.010	1,245.020				
08SEP97	HT-13	13969	54,260	27.130	1,272.150				
08SEP97	HT-13	13978	55,860	27.930	1,300.080				
08SEP97	HT-13	13986	53,880	26.940	1,327.020				
08SEP97	HT-13	13994	55,280	27.640	1,354.660				
08SEP97	HT-13	14252	55,060	27.530	1,382.190				
08SEP97	HT-13	14261	60,420	30.210	1,412.400				
08SEP97	HT-13	14269	51,200	25.600	1,438.000				
08SEP97	HT-13	14277	53,960	26.980	1,464.980				
08SEP97	HT-13	14285	57,260	28.630	1,493.610				
08SEP97	HT-13	14295	53,060	26.530	1,520.140				
08SEP97	HT-13	14304	55,060	27.530	1,547.670				
08SEP97	HT-13	14315	51,240	25.620	1,573.290				
08SEP97	HT-13	14323	56,180	28.090	1,601.380				
08SEP97	HT-13	14331	53,800	26.900	1,628.280				
08SEP97	HT-13	14339	52,500	26.250	1,654.530				
08SEP97	HT-13	14347	52,660	26.330	1,680.860	574.840	21		
08SEP97	HT-14	13919	42,020	21.010	1,701.870				
08SEP97	HT-14	13927	45,040	22.520	1,724.390				
08SEP97	HT-14	13934	45,220	22.610	1,747.000				
08SEP97	HT-14	13941	45,260	22.630	1,769.630				
08SEP97	HT-14	13948	46,440	23.220	1,792.850				
08SEP97	HT-14	13956	46,100	23.050	1,815.900				
08SEP97	HT-14	13964	44,660	22.330	1,838.230				
08SEP97	HT-14	13971	45,580	22.790	1,861.020				
08SEP97	HT-14	13979	46,660	23.330	1,884.350				
08SEP97	HT-14	13987	45,080	22.540	1,906.890				
08SEP97	HT-14	13995	44,300	22.150	1,929.040				
08SEP97	HT-14	14253	43,640	21.820	1,950.860				
08SEP97	HT-14	14260	45,320	22.660	1,973.520				
08SEP97	HT-14	14268	45,480	22.740	1,996.260				
08SEP97	HT-14	14276	44,200	22.100	2,018.360				
08SEP97	HT-14	14283	46,200	23.100	2,041.460				
08SEP97	HT-14	14291	45,820	22.910	2,064.370				
08SEP97	HT-14	14299	41,200	20.600	2,084.970				
08SEP97	HT-14	14307	45,160	22.580	2,107.550				
08SEP97	HT-14	14314	44,520	22.260	2,129.810				
08SEP97	HT-14	14322	48,240	24.120	2,153.930				
08SEP97	HT-14	14330	45,580	22.790	2,176.720				
08SEP97	HT-14	14338	43,560	21.780	2,198.500				
08SEP97	HT-14	14346	43,540	21.770	2,220.270	539.410	24		
08SEP97	HT-17	13920	59,420	29.710	2,249.980				
08SEP97	HT-17	13942	56,520	28.260	2,278.240				
08SEP97	HT-17	13949	54,780	27.390	2,305.630				
08SEP97	HT-17	13957	56,780	28.390	2,334.020				
08SEP97	HT-17	13965	59,860	29.930	2,363.950				
08SEP97	HT-17	13972	59,160	29.580	2,393.530				
08SEP97	HT-17	13980	58,340	29.170	2,422.700				
08SEP97	HT-17	13988	58,260	29.130	2,451.830				
08SEP97	HT-17	13996	57,640	28.820	2,480.650				
08SEP97	HT-17	14254	57,600	28.800	2,509.450				
08SEP97	HT-17	14262	57,260	28.630	2,538.080				
08SEP97	HT-17	14270	54,060	27.030	2,565.110				
08SEP97	HT-17	14278	59,100	29.550	2,594.660				
08SEP97	HT-17	14286	57,520	28.760	2,623.420				
08SEP97	HT-17	14293	54,420	27.210	2,650.630				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
08SEP97	HT-17	14301	56,500	28.250	2,678.880				
08SEP97	HT-17	14309	56,900	28.450	2,707.330				
08SEP97	HT-17	14317	58,040	29.020	2,736.350				
08SEP97	HT-17	14325	59,600	29.800	2,766.150				
08SEP97	HT-17	14333	54,660	27.330	2,793.480				
08SEP97	HT-17	14341	60,080	30.040	2,823.520	603.250	21		
08SEP97	HT-18	13918	45,400	22.700	2,846.220				
08SEP97	HT-18	13926	45,680	22.840	2,869.060				
08SEP97	HT-18	13932	45,600	22.800	2,891.860				
08SEP97	HT-18	13939	45,540	22.770	2,914.630				
08SEP97	HT-18	13946	46,360	23.180	2,937.810				
08SEP97	HT-18	13953	46,340	23.170	2,960.980				
08SEP97	HT-18	13961	47,740	23.870	2,984.850				
08SEP97	HT-18	13968	45,560	22.780	3,007.630				
08SEP97	HT-18	13976	48,060	24.030	3,031.660				
08SEP97	HT-18	13984	46,160	23.080	3,054.740				
08SEP97	HT-18	13992	46,080	23.040	3,077.780				
08SEP97	HT-18	14000	46,160	23.080	3,100.860				
08SEP97	HT-18	14258	47,520	23.760	3,124.620				
08SEP97	HT-18	14266	45,240	22.620	3,147.240				
08SEP97	HT-18	14274	47,120	23.560	3,170.800				
08SEP97	HT-18	14282	46,340	23.170	3,193.970				
08SEP97	HT-18	14290	43,720	21.860	3,215.830				
08SEP97	HT-18	14298	45,260	22.630	3,238.460				
08SEP97	HT-18	14306	46,120	23.060	3,261.520				
08SEP97	HT-18	14313	47,240	23.620	3,285.140				
08SEP97	HT-18	14320	45,760	22.880	3,308.020				
08SEP97	HT-18	14328	46,200	23.100	3,331.120				
08SEP97	HT-18	14336	45,980	22.990	3,354.110				
08SEP97	HT-18	14344	45,620	22.810	3,376.920	553.400	24		
08SEP97	HT-19	13916	47,960	23.980	3,400.900				
08SEP97	HT-19	13922	46,080	23.040	3,423.940				
08SEP97	HT-19	13931	46,080	23.040	3,446.980				
08SEP97	HT-19	13938	47,380	23.690	3,470.670				
08SEP97	HT-19	13945	45,080	22.540	3,493.210				
08SEP97	HT-19	13952	47,320	23.660	3,516.870				
08SEP97	HT-19	13960	47,980	23.990	3,540.860				
08SEP97	HT-19	13974	46,640	23.320	3,564.180				
08SEP97	HT-19	13982	48,820	24.410	3,588.590				
08SEP97	HT-19	13990	45,520	22.760	3,611.350				
08SEP97	HT-19	13998	46,120	23.060	3,634.410				
08SEP97	HT-19	14256	46,520	23.260	3,657.670				
08SEP97	HT-19	14264	44,040	22.020	3,679.690				
08SEP97	HT-19	14271	49,340	24.670	3,704.360				
08SEP97	HT-19	14279	44,960	22.480	3,726.840				
08SEP97	HT-19	14288	43,440	21.720	3,748.560				
08SEP97	HT-19	14296	44,340	22.170	3,770.730				
08SEP97	HT-19	14303	43,680	21.840	3,792.570				
08SEP97	HT-19	14311	44,820	22.410	3,814.980				
08SEP97	HT-19	14319	43,780	21.890	3,836.870				
08SEP97	HT-19	14326	45,580	22.790	3,859.660				
08SEP97	HT-19	14334	46,860	23.430	3,883.090				
08SEP97	HT-19	14342	44,300	22.150	3,905.240				
08SEP97	HT-20	13917	59,120	29.560	3,934.800	528.320	23		
08SEP97	HT-20	13925	60,000	30.000	3,964.800				
08SEP97	HT-20	13933	54,960	27.480	3,992.280				
08SEP97	HT-20	13940	54,980	27.490	4,019.770				
08SEP97	HT-20	13947	56,480	28.240	4,048.010				
08SEP97	HT-20	13955	57,100	28.550	4,076.560				
08SEP97	HT-20	13963	56,300	28.150	4,104.710				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
08SEP97	HT-20	13970	56,260	28.130	4,132.840				
08SEP97	HT-20	13977	55,500	27.750	4,160.590				
08SEP97	HT-20	13985	55,140	27.570	4,188.160				
08SEP97	HT-20	13993	56,440	28.220	4,216.380				
08SEP97	HT-20	14251	56,680	28.340	4,244.720				
08SEP97	HT-20	14259	57,820	28.910	4,273.630				
08SEP97	HT-20	14267	56,580	28.290	4,301.920				
08SEP97	HT-20	14275	51,220	25.610	4,327.530				
08SEP97	HT-20	14284	56,340	28.170	4,355.700				
08SEP97	HT-20	14292	51,480	25.740	4,381.440				
08SEP97	HT-20	14300	53,560	26.780	4,408.220				
08SEP97	HT-20	14308	52,880	26.440	4,434.660				
08SEP97	HT-20	14316	54,800	27.400	4,462.060				
08SEP97	HT-20	14324	56,320	28.160	4,490.220				
08SEP97	HT-20	14332	53,860	26.930	4,517.150				
08SEP97	HT-20	14340	58,860	29.430	4,546.580				
08SEP97	HT-20	14348	57,720	28.860	4,575.440	670.200	24		
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09SEP97	HT-01	14356	50,280	25.14	25.14				
09SEP97	HT-01	14365	46,200	23.10	48.24				
09SEP97	HT-01	14375	49,200	24.60	72.84				
09SEP97	HT-01	14394	47,660	23.83	96.67				
09SEP97	HT-01	14403	47,900	23.95	120.62				
09SEP97	HT-01	14411	45,600	22.80	143.42				
09SEP97	HT-01	14418	45,000	22.50	165.92				
09SEP97	HT-01	14444	49,360	24.68	190.60				
09SEP97	HT-01	14452	48,660	24.33	214.93				
09SEP97	HT-01	14459	45,300	22.65	237.58				
09SEP97	HT-01	14466	42,980	21.49	259.07				
09SEP97	HT-01	14474	48,520	24.26	283.33				
09SEP97	HT-01	14481	49,360	24.68	308.01				
09SEP97	HT-01	14489	46,120	23.06	331.07				
09SEP97	HT-01	14496	46,900	23.45	354.52				
09SEP97	HT-01	14503	48,040	24.02	378.54				
09SEP97	HT-01	14510	48,000	24.00	402.54				
09SEP97	HT-01	14517	48,280	24.14	426.68	426.68	18		
09SEP97	HT-12	14350	47,940	23.97	450.65				
09SEP97	HT-12	14358	44,380	22.19	472.84				
09SEP97	HT-12	14366	47,060	23.53	496.37				
09SEP97	HT-12	14373	48,660	24.33	520.70				
09SEP97	HT-12	14380	45,200	22.60	543.30				
09SEP97	HT-12	14388	46,300	23.15	566.45				
09SEP97	HT-12	14396	45,860	22.93	589.38				
09SEP97	HT-12	14404	43,940	21.97	611.35				
09SEP97	HT-12	14412	45,700	22.85	634.20				
09SEP97	HT-12	14419	45,460	22.73	656.93				
09SEP97	HT-12	14424	47,020	23.51	680.44				
09SEP97	HT-12	14430	45,000	22.50	702.94				
09SEP97	HT-12	14437	40,640	20.32	723.26				
09SEP97	HT-12	14445	41,740	20.87	744.13				
09SEP97	HT-12	14454	43,040	21.52	765.65				
09SEP97	HT-12	14461	47,420	23.71	789.36				
09SEP97	HT-12	14469	46,300	23.15	812.51				
09SEP97	HT-12	14478	45,000	22.50	835.01				
09SEP97	HT-12	14486	47,280	23.64	858.65				
09SEP97	HT-12	14492	47,560	23.78	882.43				
09SEP97	HT-12	14499	49,320	24.66	907.09				
09SEP97	HT-12	14506	49,060	24.53	931.62				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
09SEP97	HT-12	14512	43,360	21.68	953.30	526.62	23		
09SEP97	HT-13	14353	55,580	27.79	981.09				
09SEP97	HT-13	14361	56,460	28.23	1,009.32				
09SEP97	HT-13	14369	62,500	31.25	1,040.57				
09SEP97	HT-13	14467	57,060	28.53	1,069.10				
09SEP97	HT-13	14376	55,740	27.87	1,096.97				
09SEP97	HT-13	14382	56,120	28.06	1,125.03				
09SEP97	HT-13	14390	55,500	27.75	1,152.78				
09SEP97	HT-13	14398	57,180	28.59	1,181.37				
09SEP97	HT-13	14406	50,840	25.42	1,206.79				
09SEP97	HT-13	14417	58,540	29.27	1,236.06				
09SEP97	HT-13	14425	54,940	27.47	1,263.53				
09SEP97	HT-13	14432	53,900	26.95	1,290.48				
09SEP97	HT-13	14439	55,220	27.61	1,318.09				
09SEP97	HT-13	14447	56,340	28.17	1,346.26				
09SEP97	HT-13	14456	59,640	29.82	1,376.08				
09SEP97	HT-13	14464	60,080	30.04	1,406.12				
09SEP97	HT-13	14473	58,380	29.19	1,435.31				
09SEP97	HT-13	14483	56,480	28.24	1,463.55				
09SEP97	HT-13	14491	57,680	28.84	1,492.39				
09SEP97	HT-13	14498	54,760	27.38	1,519.77				
09SEP97	HT-13	14505	57,520	28.76	1,548.53				
09SEP97	HT-13	14513	61,240	30.62	1,579.15	625.85	22		
09SEP97	HT-14	14349	49,100	24.55	1,603.70				
09SEP97	HT-14	14357	45,520	22.76	1,626.46				
09SEP97	HT-14	14364	49,260	24.63	1,651.09				
09SEP97	HT-14	14371	47,560	23.78	1,674.87				
09SEP97	HT-14	14378	47,480	23.74	1,698.61				
09SEP97	HT-14	14385	43,280	21.64	1,720.25				
09SEP97	HT-14	14393	47,200	23.60	1,743.85				
09SEP97	HT-14	14401	47,720	23.86	1,767.71				
09SEP97	HT-14	14409	45,920	22.96	1,790.67				
09SEP97	HT-14	14415	46,200	23.10	1,813.77				
09SEP97	HT-14	14422	44,760	22.38	1,836.15				
09SEP97	HT-14	14428	45,820	22.91	1,859.06				
09SEP97	HT-14	14435	44,300	22.15	1,881.21				
09SEP97	HT-14	14442	48,440	24.22	1,905.43				
09SEP97	HT-14	14450	45,600	22.80	1,928.23				
09SEP97	HT-14	14455	46,900	23.45	1,951.68				
09SEP97	HT-14	14462	44,840	22.42	1,974.10				
09SEP97	HT-14	14470	45,740	22.87	1,996.97				
09SEP97	HT-14	14477	47,820	23.91	2,020.88				
09SEP97	HT-14	14484	46,240	23.12	2,044.00	464.85	20		
09SEP97	HT-17	14352	58,640	29.32	2,073.32				
09SEP97	HT-17	14360	58,620	29.31	2,102.63				
09SEP97	HT-17	14368	60,780	30.39	2,133.02				
09SEP97	HT-17	14374	57,980	28.99	2,162.01				
09SEP97	HT-17	14381	60,300	30.15	2,192.16				
09SEP97	HT-17	14389	57,580	28.79	2,220.95				
09SEP97	HT-17	14397	58,480	29.24	2,250.19				
09SEP97	HT-17	14405	58,420	29.21	2,279.40				
09SEP97	HT-17	14413	57,000	28.50	2,307.90				
09SEP97	HT-17	14420	57,460	28.73	2,336.63				
09SEP97	HT-17	14426	54,740	27.37	2,364.00				
09SEP97	HT-17	14433	54,200	27.10	2,391.10				
09SEP97	HT-17	14440	63,300	31.65	2,422.75				
09SEP97	HT-17	14448	58,680	29.34	2,452.09				
09SEP97	HT-17	14475	55,460	27.73	2,479.82				
09SEP97	HT-17	14482	59,360	29.68	2,509.50				
09SEP97	HT-17	14490	55,740	27.87	2,537.37				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
09SEP97	HT-17	14497	54,620	27.31	2,564.68				
09SEP97	HT-17	14504	60,540	30.27	2,594.95	550.95	19		
09SEP97	HT-18	14351	44,380	22.19	2,617.14				
09SEP97	HT-18	14359	47,460	23.73	2,640.87				
09SEP97	HT-18	14367	45,540	22.77	2,663.64				
09SEP97	HT-18	14372	46,120	23.06	2,686.70				
09SEP97	HT-18	14379	47,120	23.56	2,710.26				
09SEP97	HT-18	14387	46,680	23.34	2,733.60				
09SEP97	HT-18	14395	45,560	22.78	2,756.38				
09SEP97	HT-18	14402	45,040	22.52	2,778.90				
09SEP97	HT-18	14410	46,920	23.46	2,802.36				
09SEP97	HT-18	14416	43,960	21.98	2,824.34				
09SEP97	HT-18	14423	44,600	22.30	2,846.64				
09SEP97	HT-18	14429	43,940	21.97	2,868.61				
09SEP97	HT-18	14436	48,300	24.15	2,892.76				
09SEP97	HT-18	14443	41,540	20.77	2,913.53				
09SEP97	HT-18	14451	41,760	20.88	2,934.41				
09SEP97	HT-18	14457	46,740	23.37	2,957.78				
09SEP97	HT-18	14463	45,880	22.94	2,980.72				
09SEP97	HT-18	14479	46,120	23.06	3,003.78				
09SEP97	HT-18	14487	52,500	26.25	3,030.03				
09SEP97	HT-18	14494	47,340	23.67	3,053.70				
09SEP97	HT-18	14500	46,160	23.08	3,076.78				
09SEP97	HT-18	14507	46,040	23.02	3,099.80				
09SEP97	HT-18	14514	46,060	23.03	3,122.83	527.88	23		
09SEP97	HT-19	14355	48,600	24.30	3,147.13				
09SEP97	HT-19	14363	48,020	24.01	3,171.14				
09SEP97	HT-19	14370	48,580	24.29	3,195.43				
09SEP97	HT-19	14377	47,960	23.98	3,219.41				
09SEP97	HT-19	14383	48,260	24.13	3,243.54				
09SEP97	HT-19	14391	46,120	23.06	3,266.60				
09SEP97	HT-19	14399	47,580	23.79	3,290.39				
09SEP97	HT-19	14407	46,840	23.42	3,313.81				
09SEP97	HT-19	14414	44,240	22.12	3,335.93				
09SEP97	HT-19	14421	46,780	23.39	3,359.32				
09SEP97	HT-19	14427	46,440	23.22	3,382.54				
09SEP97	HT-19	14434	44,080	22.04	3,404.58				
09SEP97	HT-19	14441	40,780	20.39	3,424.97				
09SEP97	HT-19	14449	44,060	22.03	3,447.00				
09SEP97	HT-19	14458	45,540	22.77	3,469.77				
09SEP97	HT-19	14465	47,300	23.65	3,493.42				
09SEP97	HT-19	14472	46,840	23.42	3,516.84				
09SEP97	HT-19	14480	47,620	23.81	3,540.65				
09SEP97	HT-19	14488	46,660	23.33	3,563.98				
09SEP97	HT-19	14495	45,860	22.93	3,586.91				
09SEP97	HT-19	14502	43,660	21.83	3,608.74				
09SEP97	HT-19	14509	48,720	24.36	3,633.10				
09SEP97	HT-19	14516	47,400	23.70	3,656.80	533.97	23		
09SEP97	HT-20	14354	56,500	28.25	3,685.05				
09SEP97	HT-20	14362	57,160	28.58	3,713.63				
09SEP97	HT-20	14384	59,140	29.57	3,743.20				
09SEP97	HT-20	14392	53,780	26.89	3,770.09				
09SEP97	HT-20	14400	55,020	27.51	3,797.60				
09SEP97	HT-20	14431	54,600	27.30	3,824.90				
09SEP97	HT-20	14438	60,060	30.03	3,854.93				
09SEP97	HT-20	14446	58,280	29.14	3,884.07				
09SEP97	HT-20	14453	53,720	26.86	3,910.93				
09SEP97	HT-20	14460	60,500	30.25	3,941.18				
09SEP97	HT-20	14468	56,840	28.42	3,969.60				
09SEP97	HT-20	14471	46,380	23.19	3,992.79				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
09SEP97	HT-20	14476	59,700	29.85	4,022.64				
09SEP97	HT-20	14485	57,100	28.55	4,051.19				
09SEP97	HT-20	14493	58,900	29.45	4,080.64				
09SEP97	HT-20	14501	53,940	26.97	4,107.61				
09SEP97	HT-20	14508	56,040	28.02	4,135.63				
09SEP97	HT-20	14515	59,340	29.67	4,165.30	508.50	18		
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10-Sep-97	HT-01	14522	47,920	23.96	23.96				
10-Sep-97	HT-01	14528	47,320	23.66	47.62				
10-Sep-97	HT-01	14536	43,420	21.71	69.33				
10-Sep-97	HT-01	14543	48,640	24.32	93.65				
10-Sep-97	HT-01	14550	48,940	24.47	118.12				
10-Sep-97	HT-01	14559	50,260	25.13	143.25				
10-Sep-97	HT-01	14568	50,600	25.30	168.55				
10-Sep-97	HT-01	14577	44,200	22.10	190.65				
10-Sep-97	HT-01	14586	46,260	23.13	213.78				
10-Sep-97	HT-01	14594	44,980	22.49	236.27				
10-Sep-97	HT-01	14602	46,300	23.15	259.42				
10-Sep-97	HT-01	14610	46,400	23.20	282.62				
10-Sep-97	HT-01	14618	45,520	22.76	305.38				
10-Sep-97	HT-01	14626	46,820	23.41	328.79				
10-Sep-97	HT-01	14634	47,560	23.78	352.57				
10-Sep-97	HT-01	14641	43,740	21.87	374.44				
10-Sep-97	HT-01	14649	43,180	21.59	396.03				
10-Sep-97	HT-01	14658	45,580	22.79	418.82	418.82	18		
10-Sep-97	HT-10	14525	61,660	30.83	449.65				
10-Sep-97	HT-10	14533	60,120	30.06	479.71				
10-Sep-97	HT-10	14540	59,520	29.76	509.47				
10-Sep-97	HT-10	14547	58,060	29.03	538.50				
10-Sep-97	HT-10	14555	54,960	27.48	565.98				
10-Sep-97	HT-10	14564	59,500	29.75	595.73				
10-Sep-97	HT-10	14575	60,880	30.44	626.17				
10-Sep-97	HT-10	14584	58,100	29.05	655.22	236.40	8		
10-Sep-97	HT-12	14519	44,700	22.35	677.57				
10-Sep-97	HT-12	14552	41,380	20.69	698.26				
10-Sep-97	HT-12	14561	44,420	22.21	720.47				
10-Sep-97	HT-12	14570	45,580	22.79	743.26				
10-Sep-97	HT-12	14579	47,180	23.59	766.85				
10-Sep-97	HT-12	14588	43,900	21.95	788.80				
10-Sep-97	HT-12	14596	45,540	22.77	811.57				
10-Sep-97	HT-12	14604	43,500	21.75	833.32				
10-Sep-97	HT-12	14612	43,840	21.92	855.24				
10-Sep-97	HT-12	14619	46,440	23.22	878.46				
10-Sep-97	HT-12	14627	41,620	20.81	899.27				
10-Sep-97	HT-12	14635	44,960	22.48	921.75				
10-Sep-97	HT-12	14643	43,200	21.60	943.35				
10-Sep-97	HT-12	14652	48,220	24.11	967.46	312.24	14		
10-Sep-97	HT-13	14524	58,040	29.02	996.48				
10-Sep-97	HT-13	14530	55,900	27.95	1,024.43				
10-Sep-97	HT-13	14538	58,060	29.03	1,053.46				
10-Sep-97	HT-13	14545	55,300	27.65	1,081.11				
10-Sep-97	HT-13	14553	55,160	27.58	1,108.69				
10-Sep-97	HT-13	14562	57,960	28.98	1,137.67				
10-Sep-97	HT-13	14572	57,980	28.99	1,166.66				
10-Sep-97	HT-13	14581	56,000	28.00	1,194.66				
10-Sep-97	HT-13	14590	53,900	26.95	1,221.61				
10-Sep-97	HT-13	14598	57,800	28.90	1,250.51				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
10-Sep-97	HT-13	14606	52,740	26.37	1,276.88				
10-Sep-97	HT-13	14614	56,800	28.40	1,305.28				
10-Sep-97	HT-13	14622	56,080	28.04	1,333.32				
10-Sep-97	HT-13	14630	57,760	28.88	1,362.20				
10-Sep-97	HT-13	14638	52,420	26.21	1,388.41				
10-Sep-97	HT-13	14646	53,360	26.68	1,415.09				
10-Sep-97	HT-13	14654	56,180	28.09	1,443.18	475.72	17		
10-Sep-97	HT-14	14558	45,160	22.58	1,465.76				
10-Sep-97	HT-14	14567	44,540	22.27	1,488.03				
10-Sep-97	HT-14	14576	49,400	24.70	1,512.73				
10-Sep-97	HT-14	14585	46,020	23.01	1,535.74				
10-Sep-97	HT-14	14593	44,160	22.08	1,557.82				
10-Sep-97	HT-14	14601	42,420	21.21	1,579.03				
10-Sep-97	HT-14	14609	42,080	21.04	1,600.07				
10-Sep-97	HT-14	14616	43,780	21.89	1,621.96				
10-Sep-97	HT-14	14624	43,260	21.63	1,643.59				
10-Sep-97	HT-14	14632	49,080	24.54	1,668.13				
10-Sep-97	HT-14	14640	46,620	23.31	1,691.44				
10-Sep-97	HT-14	14648	45,160	22.58	1,714.02				
10-Sep-97	HT-14	14646	41,940	20.97	1,734.99	291.81	13		
10-Sep-97	HT-17	14521	57,440	28.72	1,763.71				
10-Sep-97	HT-17	14527	59,520	29.76	1,793.47				
10-Sep-97	HT-17	14535	61,060	30.53	1,824.00				
10-Sep-97	HT-17	14542	57,420	28.71	1,852.71				
10-Sep-97	HT-17	14549	55,080	27.54	1,880.25				
10-Sep-97	HT-17	14557	59,500	29.75	1,910.00				
10-Sep-97	HT-17	14566	57,400	28.70	1,938.70				
10-Sep-97	HT-17	14574	61,360	30.68	1,969.38				
10-Sep-97	HT-17	14583	57,300	28.65	1,998.03				
10-Sep-97	HT-17	14592	57,080	28.54	2,026.57				
10-Sep-97	HT-17	14600	62,280	31.14	2,057.71				
10-Sep-97	HT-17	14608	53,700	26.85	2,084.56				
10-Sep-97	HT-17	14617	63,100	31.55	2,116.11				
10-Sep-97	HT-17	14625	58,380	29.19	2,145.30				
10-Sep-97	HT-17	14633	62,220	31.11	2,176.41				
10-Sep-97	HT-17	14642	57,440	28.72	2,205.13				
10-Sep-97	HT-17	14650	55,700	27.85	2,232.98				
10-Sep-97	HT-17	14657	58,660	29.33	2,262.31	527.32	18		
10-Sep-97	HT-18	14532	47,520	23.76	2,286.07				
10-Sep-97	HT-18	14518	49,220	24.61	2,310.68				
10-Sep-97	HT-18	14531	45,940	22.97	2,333.65				
10-Sep-97	HT-18	14539	49,960	24.98	2,358.63				
10-Sep-97	HT-18	14546	48,360	24.18	2,382.81				
10-Sep-97	HT-18	14554	49,840	24.92	2,407.73				
10-Sep-97	HT-18	14563	45,980	22.99	2,430.72				
10-Sep-97	HT-18	14571	46,660	23.33	2,454.05				
10-Sep-97	HT-18	14580	48,240	24.12	2,478.17				
10-Sep-97	HT-18	14589	44,800	22.40	2,500.57				
10-Sep-97	HT-18	14597	48,780	24.39	2,524.96				
10-Sep-97	HT-18	14605	46,120	23.06	2,548.02				
10-Sep-97	HT-18	14613	45,280	22.64	2,570.66				
10-Sep-97	HT-18	14621	47,560	23.78	2,594.44				
10-Sep-97	HT-18	14629	49,740	24.87	2,619.31				
10-Sep-97	HT-18	14637	43,600	21.80	2,641.11				
10-Sep-97	HT-18	14645	48,600	24.30	2,665.41				
10-Sep-97	HT-18	14653	43,440	21.72	2,687.13	424.82	18		
10-Sep-97	HT-19	14520	46,640	23.32	2,710.45				
10-Sep-97	HT-19	14526	43,880	21.94	2,732.39				
10-Sep-97	HT-19	14534	46,080	23.04	2,755.43				
10-Sep-97	HT-19	14541	47,480	23.74	2,779.17				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
10-Sep-97	HT-19	14548	44,620	22.31	2,801.48				
10-Sep-97	HT-19	14556	45,800	22.90	2,824.38				
10-Sep-97	HT-19	14565	46,900	23.45	2,847.83				
10-Sep-97	HT-19	14573	45,680	22.84	2,870.67				
10-Sep-97	HT-19	14582	49,140	24.57	2,895.24				
10-Sep-97	HT-19	14591	44,740	22.37	2,917.61				
10-Sep-97	HT-19	14599	44,800	22.40	2,940.01				
10-Sep-97	HT-19	14607	44,460	22.23	2,962.24				
10-Sep-97	HT-19	14615	44,480	22.24	2,984.48				
10-Sep-97	HT-19	14623	48,160	24.08	3,008.56				
10-Sep-97	HT-19	14631	48,160	24.08	3,032.64				
10-Sep-97	HT-19	14639	46,820	23.41	3,056.05				
10-Sep-97	HT-19	14647	46,020	23.01	3,079.06				
10-Sep-97	HT-19	14655	50,880	25.44	3,104.50	417.37	18		
10-Sep-97	HT-20	14523	57,880	28.94	3,133.44				
10-Sep-97	HT-20	14529	55,860	27.93	3,161.37				
10-Sep-97	HT-20	14537	56,540	28.27	3,189.64				
10-Sep-97	HT-20	14544	55,980	27.99	3,217.63				
10-Sep-97	HT-20	14551	59,260	29.63	3,247.26				
10-Sep-97	HT-20	14560	59,580	29.79	3,277.05				
10-Sep-97	HT-20	14569	56,260	28.13	3,305.18				
10-Sep-97	HT-20	14578	59,840	29.92	3,335.10				
10-Sep-97	HT-20	14587	54,860	27.43	3,362.53				
10-Sep-97	HT-20	14595	55,280	27.64	3,390.17				
10-Sep-97	HT-20	14603	54,700	27.35	3,417.52				
10-Sep-97	HT-20	14611	53,500	26.75	3,444.27				
10-Sep-97	HT-20	14620	59,400	29.70	3,473.97				
10-Sep-97	HT-20	14628	58,980	29.49	3,503.46				
10-Sep-97	HT-20	14636	60,200	30.10	3,533.56				
10-Sep-97	HT-20	14611	56,300	28.15	3,561.71				
10-Sep-97	HT-20	14651	55,540	27.77	3,589.48	484.98	18		
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11-Sep-97	HT-01	14818	42,040	21.02	21.02				
11-Sep-97	HT-01	14810	43,000	21.50	42.52				
11-Sep-97	HT-01	14802	44,500	22.25	64.77				
11-Sep-97	HT-01	14793	46,600	23.30	88.07				
11-Sep-97	HT-01	14786	42,180	21.09	109.16				
11-Sep-97	HT-01	14777	45,640	22.82	131.98				
11-Sep-97	HT-01	14769	41,460	20.73	152.71				
11-Sep-97	HT-01	14761	46,520	23.26	175.97				
11-Sep-97	HT-01	14754	46,880	23.44	199.41				
11-Sep-97	HT-01	14746	44,960	22.48	221.89				
11-Sep-97	HT-01	14738	42,980	21.49	243.38				
11-Sep-97	HT-01	14731	43,800	21.90	265.28				
11-Sep-97	HT-01	14723	43,300	21.65	286.93				
11-Sep-97	HT-01	14715	46,520	23.26	310.19				
11-Sep-97	HT-01	14707	47,540	23.77	333.96				
11-Sep-97	HT-01	14699	45,580	22.79	356.75				
11-Sep-97	HT-01	14691	47,040	23.52	380.27				
11-Sep-97	HT-01	14683	48,280	24.14	404.41				
11-Sep-97	HT-01	14675	47,260	23.63	428.04				
11-Sep-97	HT-01	14667	48,020	24.01	452.05				
11-Sep-97	HT-01	14662	52,240	26.12	478.17	478.17	21		
11-Sep-97	HT-12	14672	46,080	23.04	501.21				
11-Sep-97	HT-12	14680	45,720	22.86	524.07				
11-Sep-97	HT-12	14688	47,720	23.86	547.93				
11-Sep-97	HT-12	14696	46,500	23.25	571.18				
11-Sep-97	HT-12	14704	46,480	23.24	594.42				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
11-Sep-97	HT-12	14712	47,720	23.86	618.28				
11-Sep-97	HT-12	14720	47,420	23.71	641.99				
11-Sep-97	HT-12	14728	45,060	22.53	664.52				
11-Sep-97	HT-12	14735	47,740	23.87	688.39				
11-Sep-97	HT-12	14742	44,440	22.22	710.61				
11-Sep-97	HT-12	14750	47,300	23.65	734.26				
11-Sep-97	HT-12	14758	45,840	22.92	757.18				
11-Sep-97	HT-12	14767	42,980	21.49	778.67				
11-Sep-97	HT-12	14775	44,080	22.04	800.71				
11-Sep-97	HT-12	14783	42,960	21.48	822.19				
11-Sep-97	HT-12	14791	42,260	21.13	843.32				
11-Sep-97	HT-12	14799	44,900	22.45	865.77				
11-Sep-97	HT-12	14808	39,660	19.83	885.60				
11-Sep-97	HT-12	14816	42,700	21.35	906.95	428.78	19		
11-Sep-97	HT-13	14664	53,800	26.90	933.85				
11-Sep-97	HT-13	14670	59,960	29.98	963.83				
11-Sep-97	HT-13	14678	53,120	26.56	990.39				
11-Sep-97	HT-13	14685	56,120	28.06	1,018.45				
11-Sep-97	HT-13	14693	54,780	27.39	1,045.84				
11-Sep-97	HT-13	14701	58,140	29.07	1,074.91				
11-Sep-97	HT-13	14709	55,100	27.55	1,102.46				
11-Sep-97	HT-13	14717	56,900	28.45	1,130.91				
11-Sep-97	HT-13	14725	54,780	27.39	1,158.30				
11-Sep-97	HT-13	14733	57,660	28.83	1,187.13				
11-Sep-97	HT-13	14740	55,540	27.77	1,214.90				
11-Sep-97	HT-13	14748	50,060	25.03	1,239.93				
11-Sep-97	HT-13	14756	49,840	24.92	1,264.85				
11-Sep-97	HT-13	14764	52,540	26.27	1,291.12				
11-Sep-97	HT-13	14772	49,500	24.75	1,315.87				
11-Sep-97	HT-13	14780	49,520	24.76	1,340.63				
11-Sep-97	HT-13	14789	49,900	24.95	1,365.58				
11-Sep-97	HT-13	14797	52,800	26.40	1,391.98				
11-Sep-97	HT-13	14806	49,100	24.55	1,416.53				
11-Sep-97	HT-13	14814	47,780	23.89	1,440.42				
11-Sep-97	HT-13	14822	49,320	24.66	1,465.08	558.13	21		
11-Sep-97	HT-14	14661	49,580	24.79	1,489.87				
11-Sep-97	HT-14	14668	44,840	22.42	1,512.29				
11-Sep-97	HT-14	14676	45,180	22.59	1,534.88				
11-Sep-97	HT-14	14684	42,920	21.46	1,556.34				
11-Sep-97	HT-14	14692	44,020	22.01	1,578.35				
11-Sep-97	HT-14	14700	44,780	22.39	1,600.74				
11-Sep-97	HT-14	14708	45,080	22.54	1,623.28				
11-Sep-97	HT-14	14716	45,800	22.90	1,646.18				
11-Sep-97	HT-14	14724	46,620	23.31	1,669.49				
11-Sep-97	HT-14	14732	48,120	24.06	1,693.55				
11-Sep-97	HT-14	14739	42,520	21.26	1,714.81				
11-Sep-97	HT-14	14747	44,580	22.29	1,737.10				
11-Sep-97	HT-14	14755	42,780	21.39	1,758.49				
11-Sep-97	HT-14	14763	44,680	22.34	1,780.83				
11-Sep-97	HT-14	14771	45,660	22.83	1,803.66				
11-Sep-97	HT-14	14779	43,560	21.78	1,825.44				
11-Sep-97	HT-14	14788	43,180	21.59	1,847.03				
11-Sep-97	HT-14	14795	43,080	21.54	1,868.57				
11-Sep-97	HT-14	14804	44,220	22.11	1,890.68				
11-Sep-97	HT-14	14812	43,580	21.79	1,912.47				
11-Sep-97	HT-14	14820	43,500	21.75	1,934.22	469.14	21		
11-Sep-97	HT-17	14663	54,180	27.09	1,961.31				
11-Sep-97	HT-17	14669	60,340	30.17	1,991.48				
11-Sep-97	HT-17	14677	56,060	28.03	2,019.51				
11-Sep-97	HT-17	14686	60,840	30.42	2,049.93				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
11-Sep-97	HT-17	14694	54,620	27.31	2,077.24				
11-Sep-97	HT-17	14702	58,440	29.22	2,106.46				
11-Sep-97	HT-17	14710	55,040	27.52	2,133.98				
11-Sep-97	HT-17	14718	60,480	30.24	2,164.22				
11-Sep-97	HT-17	14726	55,240	27.62	2,191.84				
11-Sep-97	HT-17	14801	58,380	29.19	2,221.03				
11-Sep-97	HT-17	14741	57,440	28.72	2,249.75				
11-Sep-97	HT-17	14749	54,360	27.18	2,276.93				
11-Sep-97	HT-17	14757	50,320	25.16	2,302.09				
11-Sep-97	HT-17	14765	49,700	24.85	2,326.94				
11-Sep-97	HT-17	14773	49,320	24.66	2,351.60				
11-Sep-97	HT-17	14781	52,000	26.00	2,377.60				
11-Sep-97	HT-17	14784	49,580	24.79	2,402.39				
11-Sep-97	HT-17	14796	51,220	25.61	2,428.00				
11-Sep-97	HT-17	14805	51,160	25.58	2,453.58				
11-Sep-97	HT-17	14813	51,280	25.64	2,479.22				
11-Sep-97	HT-17	14821	52,360	26.18	2,505.40	571.18	21		
11-Sep-97	HT-18	14659	51,780	25.89	2,531.29				
11-Sep-97	HT-18	14666	44,860	22.43	2,553.72				
11-Sep-97	HT-18	14674	47,040	23.52	2,577.24				
11-Sep-97	HT-18	14682	45,920	22.96	2,600.20				
11-Sep-97	HT-18	14690	44,280	22.14	2,622.34				
11-Sep-97	HT-18	14698	44,080	22.04	2,644.38				
11-Sep-97	HT-18	14706	48,600	24.30	2,668.68				
11-Sep-97	HT-18	14714	46,980	23.49	2,692.17				
11-Sep-97	HT-18	14722	44,480	22.24	2,714.41				
11-Sep-97	HT-18	14730	45,960	22.98	2,737.39				
11-Sep-97	HT-18	14737	45,660	22.83	2,760.22				
11-Sep-97	HT-18	14744	47,040	23.52	2,783.74				
11-Sep-97	HT-18	14751	47,180	23.59	2,807.33				
11-Sep-97	HT-18	14759	45,720	22.86	2,830.19				
11-Sep-97	HT-18	14766	42,620	21.31	2,851.50				
11-Sep-97	HT-18	14774	45,640	22.82	2,874.32				
11-Sep-97	HT-18	14782	43,340	21.67	2,895.99				
11-Sep-97	HT-18	14790	41,560	20.78	2,916.77				
11-Sep-97	HT-18	14798	42,100	21.05	2,937.82				
11-Sep-97	HT-18	14807	44,440	22.22	2,960.04				
11-Sep-97	HT-18	14815	43,640	21.82	2,981.86				
11-Sep-97	HT-18	14823	43,080	21.54	3,003.40	498.00	22		
11-Sep-97	HT-19	14673	46,280	23.14	3,026.54				
11-Sep-97	HT-19	14681	45,400	22.70	3,049.24				
11-Sep-97	HT-19	14689	45,800	22.90	3,072.14				
11-Sep-97	HT-19	14697	48,160	24.08	3,096.22				
11-Sep-97	HT-19	14705	48,820	24.41	3,120.63				
11-Sep-97	HT-19	14713	46,620	23.31	3,143.94				
11-Sep-97	HT-19	14721	47,700	23.85	3,167.79				
11-Sep-97	HT-19	14729	46,080	23.04	3,190.83				
11-Sep-97	HT-19	14736	47,080	23.54	3,214.37				
11-Sep-97	HT-19	14745	47,360	23.68	3,238.05				
11-Sep-97	HT-19	14752	47,600	23.80	3,261.85				
11-Sep-97	HT-19	14760	45,380	22.69	3,284.54				
11-Sep-97	HT-19	14768	44,240	22.12	3,306.66				
11-Sep-97	HT-19	14776	45,140	22.57	3,329.23				
11-Sep-97	HT-19	14785	43,820	21.91	3,351.14				
11-Sep-97	HT-19	14792	45,720	22.86	3,374.00				
11-Sep-97	HT-19	14800	43,740	21.87	3,395.87				
11-Sep-97	HT-19	14809	44,140	22.07	3,417.94				
11-Sep-97	HT-19	14817	40,020	20.01	3,437.95	434.55	19		
11-Sep-97	HT-20	14660	65,020	32.51	3,470.46				
11-Sep-97	HT-20	14665	56,360	28.18	3,498.64				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
11-Sep-97	HT-20	14671	56,780	28.39	3,527.03				
11-Sep-97	HT-20	14679	57,040	28.52	3,555.55				
11-Sep-97	HT-20	14687	53,980	26.99	3,582.54				
11-Sep-97	HT-20	14695	57,020	28.51	3,611.05				
11-Sep-97	HT-20	14703	57,720	28.86	3,639.91				
11-Sep-97	HT-20	14711	53,120	26.56	3,666.47				
11-Sep-97	HT-20	14719	54,000	27.00	3,693.47				
11-Sep-97	HT-20	14727	53,940	26.97	3,720.44				
11-Sep-97	HT-20	14734	55,480	27.74	3,748.18				
11-Sep-97	HT-20	14743	54,600	27.30	3,775.48				
11-Sep-97	HT-20	14753	55,680	27.84	3,803.32				
11-Sep-97	HT-20	14762	47,260	23.63	3,826.95				
11-Sep-97	HT-20	14770	51,620	25.81	3,852.76				
11-Sep-97	HT-20	14778	50,060	25.03	3,877.79				
11-Sep-97	HT-20	14787	51,340	25.67	3,903.46				
11-Sep-97	HT-20	14794	47,020	23.51	3,926.97				
11-Sep-97	HT-20	14803	54,060	27.03	3,954.00				
11-Sep-97	HT-20	14811	51,600	25.80	3,979.80				
11-Sep-97	HT-20	14819	50,040	25.02	4,004.82	566.87	21		
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12-Sep-97	HT-01	14826	46,380	23.19	23.19				
12-Sep-97	HT-01	14834	43,880	21.94	45.13				
12-Sep-97	HT-01	14842	45,100	22.55	67.68				
12-Sep-97	HT-01	14850	45,000	22.50	90.18				
12-Sep-97	HT-01	14858	43,140	21.57	111.75				
12-Sep-97	HT-01	14866	44,480	22.24	133.99				
12-Sep-97	HT-01	14874	48,500	24.25	158.24				
12-Sep-97	HT-01	14890	44,580	22.29	180.53				
12-Sep-97	HT-01	14882	46,640	23.32	203.85				
12-Sep-97	HT-01	14898	42,020	21.01	224.86				
12-Sep-97	HT-01	14995	43,820	21.91	246.77				
12-Sep-97	HT-01	14913	43,460	21.73	268.50				
12-Sep-97	HT-01	14920	44,500	22.25	290.75				
12-Sep-97	HT-01	14926	43,080	21.54	312.29				
12-Sep-97	HT-01	14931	44,580	22.29	334.58				
12-Sep-97	HT-01	14937	42,840	21.42	356.00				
12-Sep-97	HT-01	14945	44,640	22.32	378.32				
12-Sep-97	HT-01	14952	45,880	22.94	401.26				
12-Sep-97	HT-01	14960	46,160	23.08	424.34				
12-Sep-97	HT-01	14967	47,120	23.56	447.90	447.90	20		
12-Sep-97	HT-12	14830	41,180	20.59	468.49				
12-Sep-97	HT-12	14838	45,000	22.50	490.99				
12-Sep-97	HT-12	14845	45,080	22.54	513.53				
12-Sep-97	HT-12	14854	44,480	22.24	535.77				
12-Sep-97	HT-12	14862	44,120	22.06	557.83				
12-Sep-97	HT-12	14870	43,520	21.76	579.59				
12-Sep-97	HT-12	14878	45,960	22.98	602.57				
12-Sep-97	HT-12	14886	45,820	22.91	625.48				
12-Sep-97	HT-12	14894	42,000	21.00	646.48				
12-Sep-97	HT-12	14902	42,920	21.46	667.94				
12-Sep-97	HT-12	14909	44,280	22.14	690.08				
12-Sep-97	HT-12	14916	43,240	21.62	711.70				
12-Sep-97	HT-12	14922	45,020	22.51	734.21				
12-Sep-97	HT-12	14928	43,940	21.97	756.18				
12-Sep-97	HT-12	14932	43,540	21.77	777.95				
12-Sep-97	HT-12	14938	44,120	22.06	800.01				
12-Sep-97	HT-12	14946	46,140	23.07	823.08				
12-Sep-97	HT-12	14953	45,610	22.81	845.89				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
12-Sep-97	HT-12	14961	45,640	22.82	868.71				
12-Sep-97	HT-12	14968	46,880	23.44	892.15	444.25	20		
12-Sep-97	HT-13	14827	55,640	27.82	919.97				
12-Sep-97	HT-13	14835	53,680	26.84	946.81				
12-Sep-97	HT-13	14843	54,920	27.46	974.27				
12-Sep-97	HT-13	14851	53,980	26.99	1,001.26				
12-Sep-97	HT-13	14868	54,760	27.38	1,028.64				
12-Sep-97	HT-13	14876	55,400	27.70	1,056.34				
12-Sep-97	HT-13	14859	58,000	29.00	1,085.34				
12-Sep-97	HT-13	14884	54,140	27.07	1,112.41				
12-Sep-97	HT-13	14892	54,220	27.11	1,139.52				
12-Sep-97	HT-13	14900	52,860	26.43	1,165.95				
12-Sep-97	HT-13	14907	54,840	27.42	1,193.37				
12-Sep-97	HT-13	14917	54,540	27.27	1,220.64				
12-Sep-97	HT-13	14923	54,060	27.03	1,247.67				
12-Sep-97	HT-13	14929	54,460	27.23	1,274.90				
12-Sep-97	HT-13	14939	56,680	28.34	1,303.24				
12-Sep-97	HT-13	14947	56,900	28.45	1,331.69				
12-Sep-97	HT-13	14954	49,200	24.60	1,356.29				
12-Sep-97	HT-13	14962	54,820	27.41	1,383.70				
12-Sep-97	HT-13	14969	54,880	27.44	1,411.14	518.99	19		
12-Sep-97	HT-14	14828	46,520	23.26	1,434.40				
12-Sep-97	HT-14	14836	45,020	22.51	1,456.91				
12-Sep-97	HT-14	14844	45,840	22.92	1,479.83				
12-Sep-97	HT-14	14852	43,260	21.63	1,501.46				
12-Sep-97	HT-14	14860	44,520	22.26	1,523.72				
12-Sep-97	HT-14	14867	41,740	20.87	1,544.59				
12-Sep-97	HT-14	14875	46,800	23.40	1,567.99				
12-Sep-97	HT-14	14883	45,340	22.67	1,590.66				
12-Sep-97	HT-14	14891	42,640	21.32	1,611.98				
12-Sep-97	HT-14	14899	43,200	21.60	1,633.58				
12-Sep-97	HT-14	14906	43,920	21.96	1,655.54				
12-Sep-97	HT-14	14914	44,020	22.01	1,677.55				
12-Sep-97	HT-14	14921	46,220	23.11	1,700.66				
12-Sep-97	HT-14	14927	44,540	22.27	1,722.93				
12-Sep-97	HT-14	14934	44,560	22.28	1,745.21				
12-Sep-97	HT-14	14942	44,020	22.01	1,767.22				
12-Sep-97	HT-14	14949	44,580	22.29	1,789.51				
12-Sep-97	HT-14	14957	45,640	22.82	1,812.33				
12-Sep-97	HT-14	14965	47,020	23.51	1,835.84	424.70	19		
12-Sep-97	HT-17	14829	57,020	28.51	1,864.35				
12-Sep-97	HT-17	14837	58,200	29.10	1,893.45				
12-Sep-97	HT-17	14846	55,880	27.94	1,921.39				
12-Sep-97	HT-17	14853	55,580	27.79	1,949.18				
12-Sep-97	HT-17	14861	58,900	29.45	1,978.63				
12-Sep-97	HT-17	14869	55,100	27.55	2,006.18				
12-Sep-97	HT-17	14877	58,420	29.21	2,035.39				
12-Sep-97	HT-17	14885	56,960	28.48	2,063.87				
12-Sep-97	HT-17	14893	53,820	26.91	2,090.78				
12-Sep-97	HT-17	14901	56,520	28.26	2,119.04				
12-Sep-97	HT-17	14908	55,240	27.62	2,146.66				
12-Sep-97	HT-17	14915	58,460	29.23	2,175.89				
12-Sep-97	HT-17	14941	58,880	29.44	2,205.33				
12-Sep-97	HT-17	14948	58,540	29.27	2,234.60				
12-Sep-97	HT-17	14956	52,540	26.27	2,260.87				
12-Sep-97	HT-17	14964	54,420	27.21	2,288.08	452.24	16		
12-Sep-97	HT-18	14824	46,120	23.06	2,311.14				
12-Sep-97	HT-18	14832	44,440	22.22	2,333.36				
12-Sep-97	HT-18	14840	43,460	21.73	2,355.09				
12-Sep-97	HT-18	14848	43,400	21.70	2,376.79				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
12-Sep-97	HT-18	14856	45,140	22.57	2,399.36				
12-Sep-97	HT-18	14864	43,860	21.93	2,421.29				
12-Sep-97	HT-18	14872	45,940	22.97	2,444.26				
12-Sep-97	HT-18	14888	45,720	22.86	2,467.12				
12-Sep-97	HT-18	14880	48,540	24.27	2,491.39				
12-Sep-97	HT-18	14896	45,320	22.66	2,514.05				
12-Sep-97	HT-18	14904	46,260	23.13	2,537.18				
12-Sep-97	HT-18	14911	44,780	22.39	2,559.57				
12-Sep-97	HT-18	14918	44,920	22.46	2,582.03				
12-Sep-97	HT-18	14924	44,680	22.34	2,604.37				
12-Sep-97	HT-18	14930	44,180	22.09	2,626.46				
12-Sep-97	HT-18	14935	46,260	23.13	2,649.59				
12-Sep-97	HT-18	14943	46,420	23.21	2,672.80				
12-Sep-97	HT-18	14950	46,420	23.21	2,696.01				
12-Sep-97	HT-18	14958	44,820	22.41	2,718.42				
12-Sep-97	HT-18	14966	47,320	23.66	2,742.08	454.00	20		
12-Sep-97	HT-19	14825	44,900	22.45	2,764.53				
12-Sep-97	HT-19	14833	45,600	22.80	2,787.33				
12-Sep-97	HT-19	14841	44,180	22.09	2,809.42				
12-Sep-97	HT-19	14849	44,620	22.31	2,831.73				
12-Sep-97	HT-19	14857	44,120	22.06	2,853.79				
12-Sep-97	HT-19	14865	43,540	21.77	2,875.56				
12-Sep-97	HT-19	14873	47,120	23.56	2,899.12				
12-Sep-97	HT-19	14889	43,540	21.77	2,920.89				
12-Sep-97	HT-19	14881	46,900	23.45	2,944.34				
12-Sep-97	HT-19	14897	44,740	22.37	2,966.71				
12-Sep-97	HT-19	14905	45,700	22.85	2,989.56				
12-Sep-97	HT-19	14912	45,340	22.67	3,012.23				
12-Sep-97	HT-19	14919	43,820	21.91	3,034.14				
12-Sep-97	HT-19	14925	43,460	21.73	3,055.87				
12-Sep-97	HT-19	14933	44,040	22.02	3,077.89				
12-Sep-97	HT-19	14940	43,500	21.75	3,099.64				
12-Sep-97	HT-19	15292	45,820	22.91	3,122.55				
12-Sep-97	HT-19	14955	43,240	21.62	3,144.17				
12-Sep-97	HT-19	14963	45,440	22.72	3,166.89				
12-Sep-97	HT-19	14971	43,220	21.61	3,188.50	446.42	20		
12-Sep-97	HT-20	14970	51,600	25.80	3,214.30				
12-Sep-97	HT-20	14831	53,380	26.69	3,240.99				
12-Sep-97	HT-20	14839	55,960	27.98	3,268.97				
12-Sep-97	HT-20	14847	56,640	28.32	3,297.29				
12-Sep-97	HT-20	14855	53,520	26.76	3,324.05				
12-Sep-97	HT-20	14863	55,500	27.75	3,351.80				
12-Sep-97	HT-20	14871	52,380	26.19	3,377.99				
12-Sep-97	HT-20	14887	56,160	28.08	3,406.07				
12-Sep-97	HT-20	14879	55,400	27.70	3,433.77				
12-Sep-97	HT-20	14895	53,580	26.79	3,460.56				
12-Sep-97	HT-20	14903	53,340	26.67	3,487.23				
12-Sep-97	HT-20	14910	51,580	25.79	3,513.02				
12-Sep-97	HT-20	14936	55,900	27.95	3,540.97				
12-Sep-97	HT-20	14944	55,400	27.70	3,568.67				
12-Sep-97	HT-20	14951	55,080	27.54	3,596.21				
12-Sep-97	HT-20	14959	54,720	27.36	3,623.57	435.07	16		
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15-Sep-97	HT-01	14996	49,320	24.66	24.66				
15-Sep-97	HT-01	15254	46,660	23.33	47.99				
15-Sep-97	HT-01	15262	45,640	22.82	70.81				
15-Sep-97	HT-01	15270	44,320	22.16	92.97				
15-Sep-97	HT-01	15281	44,840	22.42	115.39				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
15-Sep-97	HT-01	15289	46,920	23.46	138.85				
15-Sep-97	HT-01	15297	43,840	21.92	160.77				
15-Sep-97	HT-01	15304	46,280	23.14	183.91				
15-Sep-97	HT-01	15311	44,140	22.07	205.98				
15-Sep-97	HT-01	15318	45,240	22.62	228.60				
15-Sep-97	HT-01	15324	44,440	22.22	250.82				
15-Sep-97	HT-01	15331	44,860	22.43	273.25				
15-Sep-97	HT-01	15338	40,080	20.04	293.29				
15-Sep-97	HT-01	15346	44,860	22.43	315.72				
15-Sep-97	HT-01	15354	44,980	22.49	338.21				
15-Sep-97	HT-01	15362	47,320	23.66	361.87				
15-Sep-97	HT-01	15370	45,100	22.55	384.42				
15-Sep-97	HT-01	15379	46,160	23.08	407.50				
15-Sep-97	HT-01	15388	46,900	23.45	430.95				
15-Sep-97	HT-01	15397	44,760	22.38	453.33	453.33	20		
15-Sep-97	HT-10	15372	58,340	29.17	482.50				
15-Sep-97	HT-10	15381	57,140	28.57	511.07				
15-Sep-97	HT-10	15390	56,300	28.15	539.22	85.89	3		
15-Sep-97	HT-12	14975	47,040	23.52	562.74				
15-Sep-97	HT-12	14982	43,200	21.60	584.34				
15-Sep-97	HT-12	14989	44,120	22.06	606.40				
15-Sep-97	HT-12	14998	45,500	22.75	629.15				
15-Sep-97	HT-12	15256	45,960	22.98	652.13				
15-Sep-97	HT-12	15264	44,940	22.47	674.60				
15-Sep-97	HT-12	15272	46,420	23.21	697.81				
15-Sep-97	HT-12	15283	43,520	21.76	719.57				
15-Sep-97	HT-12	15291	44,120	22.06	741.63				
15-Sep-97	HT-12	15298	43,040	21.52	763.15				
15-Sep-97	HT-12	15305	45,880	22.94	786.09				
15-Sep-97	HT-12	15312	44,120	22.06	808.15				
15-Sep-97	HT-12	15319	42,900	21.45	829.60				
15-Sep-97	HT-12	15325	41,440	20.72	850.32				
15-Sep-97	HT-12	15332	45,000	22.50	872.82				
15-Sep-97	HT-12	15339	43,160	21.58	894.40				
15-Sep-97	HT-12	15347	42,560	21.28	915.68				
15-Sep-97	HT-12	15355	43,040	21.52	937.20				
15-Sep-97	HT-12	15363	47,360	23.68	960.88				
15-Sep-97	HT-12	15371	45,980	22.99	983.87				
15-Sep-97	HT-12	15380	46,060	23.03	1,006.90				
15-Sep-97	HT-12	15389	44,880	22.44	1,029.34	490.12	22		
15-Sep-97	HT-13	14974	58,340	29.17	1,058.51				
15-Sep-97	HT-13	14981	53,620	26.81	1,085.32				
15-Sep-97	HT-13	14988	55,040	27.52	1,112.84				
15-Sep-97	HT-13	14997	58,020	29.01	1,141.85				
15-Sep-97	HT-13	15255	54,280	27.14	1,168.99				
15-Sep-97	HT-13	15263	55,460	27.73	1,196.72				
15-Sep-97	HT-13	15271	55,440	27.72	1,224.44				
15-Sep-97	HT-13	15282	55,220	27.61	1,252.05				
15-Sep-97	HT-13	15290	55,240	27.62	1,279.67				
15-Sep-97	HT-13	15300	53,540	26.77	1,306.44				
15-Sep-97	HT-13	15308	52,060	26.03	1,332.47				
15-Sep-97	HT-13	15315	51,180	25.59	1,358.06				
15-Sep-97	HT-13	15322	51,680	25.84	1,383.90				
15-Sep-97	HT-13	15329	52,900	26.45	1,410.35				
15-Sep-97	HT-13	15336	53,100	26.55	1,436.90				
15-Sep-97	HT-13	15344	50,660	25.33	1,462.23				
15-Sep-97	HT-13	15352	51,140	25.57	1,487.80				
15-Sep-97	HT-13	15360	52,640	26.32	1,514.12				
15-Sep-97	HT-13	15368	49,560	24.78	1,538.90				
15-Sep-97	HT-13	15377	51,920	25.96	1,564.86				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
15-Sep-97	HT-13	15386	51,860	25.93	1,590.79				
15-Sep-97	HT-13	15396	50,120	25.06	1,615.85	586.51	22		
15-Sep-97	HT-14	14976	48,160	24.08	1,639.93				
15-Sep-97	HT-14	14983	42,120	21.06	1,660.99				
15-Sep-97	HT-14	14990	47,880	23.94	1,684.93				
15-Sep-97	HT-14	14999	48,760	24.38	1,709.31				
15-Sep-97	HT-14	15257	43,820	21.91	1,731.22				
15-Sep-97	HT-14	15265	45,100	22.55	1,753.77				
15-Sep-97	HT-14	15273	43,820	21.91	1,775.68				
15-Sep-97	HT-14	15284	44,160	22.08	1,797.76				
15-Sep-97	HT-14	15293	47,040	23.52	1,821.28				
15-Sep-97	HT-14	15301	41,980	20.99	1,842.27				
15-Sep-97	HT-14	15307	44,580	22.29	1,864.56				
15-Sep-97	HT-14	15314	43,440	21.72	1,886.28				
15-Sep-97	HT-14	15321	43,480	21.74	1,908.02				
15-Sep-97	HT-14	15328	45,660	22.83	1,930.85				
15-Sep-97	HT-14	15335	43,000	21.50	1,952.35				
15-Sep-97	HT-14	15343	46,440	23.22	1,975.57				
15-Sep-97	HT-14	15351	41,700	20.85	1,996.42				
15-Sep-97	HT-14	15359	45,860	22.93	2,019.35				
15-Sep-97	HT-14	15367	45,600	22.80	2,042.15				
15-Sep-97	HT-14	15376	47,600	23.80	2,065.95				
15-Sep-97	HT-14	15385	46,180	23.09	2,089.04				
15-Sep-97	HT-14	15394	42,180	21.09	2,110.13	494.28	22		
15-Sep-97	HT-17	14972	56,680	28.34	2,138.47				
15-Sep-97	HT-17	14979	56,540	28.27	2,166.74				
15-Sep-97	HT-17	14986	56,340	28.17	2,194.91				
15-Sep-97	HT-17	14993	58,960	29.48	2,224.39				
15-Sep-97	HT-17	15252	57,960	28.98	2,253.37				
15-Sep-97	HT-17	15260	57,580	28.79	2,282.16				
15-Sep-97	HT-17	15268	59,120	29.56	2,311.72				
15-Sep-97	HT-17	15276	56,820	28.41	2,340.13				
15-Sep-97	HT-17	15287	58,860	29.43	2,369.56				
15-Sep-97	HT-17	15299	62,100	31.05	2,400.61				
15-Sep-97	HT-17	15306	53,020	26.51	2,427.12				
15-Sep-97	HT-17	15313	53,260	26.63	2,453.75				
15-Sep-97	HT-17	15320	53,160	26.58	2,480.33				
15-Sep-97	HT-17	15327	55,780	27.89	2,508.22				
15-Sep-97	HT-17	15334	52,760	26.38	2,534.60				
15-Sep-97	HT-17	15341	51,620	25.81	2,560.41				
15-Sep-97	HT-17	15349	53,860	26.93	2,587.34				
15-Sep-97	HT-17	15357	52,820	26.41	2,613.75				
15-Sep-97	HT-17	15365	53,500	26.75	2,640.50				
15-Sep-97	HT-17	15374	53,740	26.87	2,667.37				
15-Sep-97	HT-17	15383	51,640	25.82	2,693.19				
15-Sep-97	HT-17	15392	51,860	25.93	2,719.12	608.99	22		
15-Sep-97	HT-18	14973	47,360	23.68	2,742.80				
15-Sep-97	HT-18	14980	44,520	22.26	2,765.06				
15-Sep-97	HT-18	14987	44,180	22.09	2,787.15				
15-Sep-97	HT-18	14994	45,280	22.64	2,809.79				
15-Sep-97	HT-18	15253	48,220	24.11	2,833.90				
15-Sep-97	HT-18	15261	45,200	22.60	2,856.50				
15-Sep-97	HT-18	15269	41,980	20.99	2,877.49				
15-Sep-97	HT-18	15280	45,200	22.60	2,900.09				
15-Sep-97	HT-18	15288	43,800	21.90	2,921.99				
15-Sep-97	HT-18	15296	44,740	22.37	2,944.36				
15-Sep-97	HT-18	15303	46,540	23.27	2,967.63				
15-Sep-97	HT-18	15310	40,880	20.44	2,988.07				
15-Sep-97	HT-18	15317	43,560	21.78	3,009.85				
15-Sep-97	HT-18	15323	44,100	22.05	3,031.90				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
15-Sep-97	HT-18	15330	46,060	23.03	3,054.93				
15-Sep-97	HT-18	15337	41,540	20.77	3,075.70				
15-Sep-97	HT-18	15345	43,640	21.82	3,097.52				
15-Sep-97	HT-18	15353	45,660	22.83	3,120.35				
15-Sep-97	HT-18	15361	46,080	23.04	3,143.39				
15-Sep-97	HT-18	15369	44,780	22.39	3,165.78				
15-Sep-97	HT-18	15378	46,180	23.09	3,188.87				
15-Sep-97	HT-18	15387	45,720	22.86	3,211.73				
15-Sep-97	HT-18	15396	41,540	20.77	3,232.50	513.38	23		
15-Sep-97	HT-19	14977	48,640	24.32	3,256.82				
15-Sep-97	HT-19	14984	43,280	21.64	3,278.46				
15-Sep-97	HT-19	14991	47,280	23.64	3,302.10				
15-Sep-97	HT-19	15000	47,620	23.81	3,325.91				
15-Sep-97	HT-19	15280	47,500	23.75	3,349.66				
15-Sep-97	HT-19	15266	45,780	22.89	3,372.55				
15-Sep-97	HT-19	15274	44,700	22.35	3,394.90				
15-Sep-97	HT-19	15285	48,300	24.15	3,419.05				
15-Sep-97	HT-19	15294	47,960	23.98	3,443.03				
15-Sep-97	HT-19	15342	45,860	22.93	3,465.96				
15-Sep-97	HT-19	15350	40,860	20.43	3,486.39				
15-Sep-97	HT-19	15358	45,920	22.96	3,509.35				
15-Sep-97	HT-19	15366	47,080	23.54	3,532.89				
15-Sep-97	HT-19	15375	46,380	23.19	3,556.08				
15-Sep-97	HT-19	15384	48,320	24.16	3,580.24				
15-Sep-97	HT-19	15393	46,660	23.33	3,603.57	371.07	16		
15-Sep-97	HT-20	14978	57,100	28.55	3,632.12				
15-Sep-97	HT-20	14985	57,480	28.74	3,660.86				
15-Sep-97	HT-20	14992	54,800	27.40	3,688.26				
15-Sep-97	HT-20	15251	57,180	28.59	3,716.85				
15-Sep-97	HT-20	15259	56,400	28.20	3,745.05				
15-Sep-97	HT-20	15267	58,360	29.18	3,774.23				
15-Sep-97	HT-20	15275	56,320	28.16	3,802.39				
15-Sep-97	HT-20	15286	55,060	27.53	3,829.92				
15-Sep-97	HT-20	15295	56,820	28.41	3,858.33				
15-Sep-97	HT-20	15302	52,820	26.41	3,884.74				
15-Sep-97	HT-20	15309	52,300	26.15	3,910.89				
15-Sep-97	HT-20	15316	52,120	26.06	3,936.95				
15-Sep-97	HT-20	15326	52,240	26.12	3,963.07				
15-Sep-97	HT-20	15333	49,300	24.65	3,987.72				
15-Sep-97	HT-20	15340	48,840	24.42	4,012.14				
15-Sep-97	HT-20	15348	52,440	26.22	4,038.36				
15-Sep-97	HT-20	15356	52,880	26.44	4,064.80				
15-Sep-97	HT-20	15364	53,600	26.80	4,091.60				
15-Sep-97	HT-20	15373	51,260	25.63	4,117.23				
15-Sep-97	HT-20	15382	52,740	26.37	4,143.60				
15-Sep-97	HT-20	15391	48,240	24.12	4,167.72	564.15	21		
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16-Sep-97	HT-12	15548	44,040	22.02	22.02				
16-Sep-97	HT-12	15542	47,160	23.58	45.60				
16-Sep-97	HT-12	15536	41,700	20.85	66.45				
16-Sep-97	HT-12	15528	44,460	22.23	88.68				
16-Sep-97	HT-12	15520	43,900	21.95	110.63				
16-Sep-97	HT-12	15512	42,100	21.05	131.68				
16-Sep-97	HT-12	15504	41,560	20.78	152.46				
16-Sep-97	HT-12	15497	42,640	21.32	173.78				
16-Sep-97	HT-12	15490	41,380	20.69	194.47				
16-Sep-97	HT-12	15478	43,800	21.90	216.37				
16-Sep-97	HT-12	15473	54,480	27.24	243.61				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
16-Sep-97	HT-12	15471	42,620	21.31	264.92				
16-Sep-97	HT-12	15463	46,220	23.11	288.03				
16-Sep-97	HT-12	15455	43,900	21.95	309.98				
16-Sep-97	HT-12	15446	43,320	21.66	331.64				
16-Sep-97	HT-12	15437	41,480	20.74	352.38				
16-Sep-97	HT-12	15428	43,800	21.90	374.28				
16-Sep-97	HT-12	15419	42,740	21.37	395.65				
16-Sep-97	HT-12	15411	44,740	22.37	418.02				
16-Sep-97	HT-12	15403	45,500	22.75	440.77	440.77	20		
16-Sep-97	HT-13	15545	50,840	25.42	466.19				
16-Sep-97	HT-13	15539	51,500	25.75	491.94				
16-Sep-97	HT-13	15533	48,400	24.20	516.14				
16-Sep-97	HT-13	15524	47,600	23.80	539.94				
16-Sep-97	HT-13	15516	48,720	24.36	564.30				
16-Sep-97	HT-13	15509	50,620	25.31	589.61				
16-Sep-97	HT-13	15501	48,680	24.34	613.95				
16-Sep-97	HT-13	15491	45,360	22.68	636.63				
16-Sep-97	HT-13	15479	53,200	26.60	663.23				
16-Sep-97	HT-13	15469	49,840	24.92	688.15				
16-Sep-97	HT-13	15460	48,320	24.16	712.31				
16-Sep-97	HT-13	15452	50,540	25.27	737.58				
16-Sep-97	HT-13	15443	48,180	24.09	761.67				
16-Sep-97	HT-13	15434	49,520	24.76	786.43				
16-Sep-97	HT-13	15425	49,980	24.99	811.42				
16-Sep-97	HT-13	15416	47,540	23.77	835.19	394.42	16		
16-Sep-97	HT-19	15546	46,400	23.20	858.39				
16-Sep-97	HT-19	15540	48,160	24.08	882.47				
16-Sep-97	HT-19	15534	47,440	23.72	906.19				
16-Sep-97	HT-19	15526	45,680	22.84	929.03				
16-Sep-97	HT-19	15518	47,020	23.51	952.54				
16-Sep-97	HT-19	15510	45,140	22.57	975.11				
16-Sep-97	HT-19	15502	46,140	23.07	998.18				
16-Sep-97	HT-19	15495	42,780	21.39	1,019.57				
16-Sep-97	HT-19	15486	46,140	23.07	1,042.64				
16-Sep-97	HT-19	15475	43,440	21.72	1,064.36				
16-Sep-97	HT-19	15467	43,440	21.72	1,086.08				
16-Sep-97	HT-19	15459	44,100	22.05	1,108.13				
16-Sep-97	HT-19	15450	44,800	22.40	1,130.53				
16-Sep-97	HT-19	15441	44,880	22.44	1,152.97				
16-Sep-97	HT-19	15433	43,420	21.71	1,174.68				
16-Sep-97	HT-19	15424	45,440	22.72	1,197.40				
16-Sep-97	HT-19	15415	42,880	21.44	1,218.84				
16-Sep-97	HT-19	15407	46,040	23.02	1,241.86				
16-Sep-97	HT-19	15399	46,040	23.02	1,264.88	429.69	19		
16-Sep-97	HT-14	15549	45,640	22.82	1,287.70				
16-Sep-97	HT-14	15543	46,760	23.38	1,311.08				
16-Sep-97	HT-14	15537	44,420	22.21	1,333.29				
16-Sep-97	HT-14	155531	45,520	22.76	1,356.05				
16-Sep-97	HT-14	15523	45,100	22.55	1,378.60				
16-Sep-97	HT-14	15515	43,380	21.69	1,400.29				
16-Sep-97	HT-14	15507	43,280	21.64	1,421.93				
16-Sep-97	HT-14	15499	42,760	21.38	1,443.31				
16-Sep-97	HT-14	15492	40,480	20.24	1,463.55				
16-Sep-97	HT-14	15483	42,020	21.01	1,484.56				
16-Sep-97	HT-14	15472	43,480	21.74	1,506.30				
16-Sep-97	HT-14	15464	44,260	22.13	1,528.43				
16-Sep-97	HT-14	15456	44,780	22.39	1,550.82				
16-Sep-97	HT-14	15447	44,800	22.40	1,573.22				
16-Sep-97	HT-14	15438	43,520	21.76	1,594.98				
16-Sep-97	HT-14	15429	44,180	22.09	1,617.07				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
16-Sep-97	HT-14	15420	45,480	22.74	1,639.81				
16-Sep-97	HT-14	15412	43,220	21.61	1,661.42				
16-Sep-97	HT-14	15404	48,740	24.37	1,685.79	420.91	19		
16-Sep-97	HT-18	15530	46,600	23.30	1,709.09				
16-Sep-97	HT-18	15522	46,200	23.10	1,732.19				
16-Sep-97	HT-18	15514	46,800	23.40	1,755.59				
16-Sep-97	HT-18	15506	43,980	21.99	1,777.58				
16-Sep-97	HT-18	15494	42,420	21.21	1,798.79				
16-Sep-97	HT-18	15485	43,500	21.75	1,820.54				
16-Sep-97	HT-18	15474	43,960	21.98	1,842.52				
16-Sep-97	HT-18	15466	41,560	20.78	1,863.30				
16-Sep-97	HT-18	15458	43,060	21.53	1,884.83				
16-Sep-97	HT-18	15449	43,920	21.96	1,906.79				
16-Sep-97	HT-18	15440	45,300	22.65	1,929.44				
16-Sep-97	HT-18	15432	41,920	20.96	1,950.40				
16-Sep-97	HT-18	15423	45,120	22.56	1,972.96				
16-Sep-97	HT-18	15414	44,740	22.37	1,995.33				
16-Sep-97	HT-18	15406	48,380	24.19	2,019.52				
16-Sep-97	HT-18	15398	48,140	24.07	2,043.59	357.80	16		
16-Sep-97	HT-10	15529	53,980	26.99	2,070.58				
16-Sep-97	HT-10	15521	53,320	26.66	2,097.24				
16-Sep-97	HT-10	15513	55,620	27.81	2,125.05				
16-Sep-97	HT-10	15505	50,940	25.47	2,150.52				
16-Sep-97	HT-10	15498	54,140	27.07	2,177.59				
16-Sep-97	HT-10	15489	51,740	25.87	2,203.46				
16-Sep-97	HT-10	15451	54,820	27.41	2,230.87				
16-Sep-97	HT-10	15442	52,900	26.45	2,257.32				
16-Sep-97	HT-10	15431	53,960	26.98	2,284.30				
16-Sep-97	HT-10	15422	54,900	27.45	2,311.75				
16-Sep-97	HT-10	15408	56,560	28.28	2,340.03				
16-Sep-97	HT-10	15400	58,160	29.08	2,369.11	325.52	12		
16-Sep-97	HT-17	15503	48,960	24.48	2,393.59				
16-Sep-97	HT-17	15496	50,400	25.20	2,418.79				
16-Sep-97	HT-17	15488	50,720	25.36	2,444.15				
16-Sep-97	HT-17	15477	50,400	25.20	2,469.35				
16-Sep-97	HT-17	15470	49,740	24.87	2,494.22				
16-Sep-97	HT-17	15462	49,540	24.77	2,518.99				
16-Sep-97	HT-17	15454	51,600	25.80	2,544.79				
16-Sep-97	HT-17	15445	52,120	26.06	2,570.85				
16-Sep-97	HT-17	15435	52,120	26.06	2,596.91				
16-Sep-97	HT-17	15426	50,960	25.48	2,622.39				
16-Sep-97	HT-17	15417	51,300	25.65	2,648.04				
16-Sep-97	HT-17	15409	52,640	26.32	2,674.36				
16-Sep-97	HT-17	15401	53,780	26.89	2,701.25	332.14	13		
16-Sep-97	HT-01	15547	46,520	23.26	2,724.51				
16-Sep-97	HT-01	15541	45,920	22.96	2,747.47				
16-Sep-97	HT-01	15535	45,860	22.93	2,770.40				
16-Sep-97	HT-01	15527	42,240	21.12	2,791.52				
16-Sep-97	HT-01	15519	41,560	20.78	2,812.30				
16-Sep-97	HT-01	15511	42,360	21.18	2,833.48				
16-Sep-97	HT-01	15487	45,680	22.84	2,856.32				
16-Sep-97	HT-01	15476	44,580	22.29	2,878.61				
16-Sep-97	HT-01	15468	41,360	20.68	2,899.29				
16-Sep-97	HT-01	15461	45,320	22.66	2,921.95				
16-Sep-97	HT-01	15453	44,040	22.02	2,943.97				
16-Sep-97	HT-01	15444	45,860	22.93	2,966.90				
16-Sep-97	HT-01	15436	44,100	22.05	2,988.95				
16-Sep-97	HT-01	15427	42,200	21.10	3,010.05				
16-Sep-97	HT-01	15418	45,400	22.70	3,032.75				
16-Sep-97	HT-01	15410	43,380	21.69	3,054.44				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
16-Sep-97	HT-01	15402	49,860	24.93	3,079.37	378.12	17		
16-Sep-97	HT-20	15550	50,920	25.46	3,104.83				
16-Sep-97	HT-20	15544	52,520	26.26	3,131.09				
16-Sep-97	HT-20	15538	48,540	24.27	3,155.36				
16-Sep-97	HT-20	15532	49,520	24.76	3,180.12				
16-Sep-97	HT-20	15525	49,800	24.90	3,205.02				
16-Sep-97	HT-20	15517	49,160	24.58	3,229.60				
16-Sep-97	HT-20	15508	49,240	24.62	3,254.22				
16-Sep-97	HT-20	15500	48,940	24.47	3,278.69				
16-Sep-97	HT-20	15493	52,540	26.27	3,304.96				
16-Sep-97	HT-20	15484	53,360	26.68	3,331.64				
16-Sep-97	HT-20	15465	50,680	25.34	3,356.98				
16-Sep-97	HT-20	15457	52,200	26.10	3,383.08				
16-Sep-97	HT-20	15448	51,780	25.89	3,408.97				
16-Sep-97	HT-20	15439	49,040	24.52	3,433.49				
16-Sep-97	HT-20	15430	50,220	25.11	3,458.60				
16-Sep-97	HT-20	15421	52,240	26.12	3,484.72				
16-Sep-97	HT-20	15413	47,460	23.73	3,508.45				
16-Sep-97	HT-20	15405	51,880	25.94	3,534.39	455.02	18		
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17-Sep-97	HT-01	15554	40,560	20.28	20.28				
17-Sep-97	HT-01	15559	45,940	22.97	43.25				
17-Sep-97	HT-01	15565	48,900	24.45	67.70				
17-Sep-97	HT-01	15571	46,500	23.25	90.95				
17-Sep-97	HT-01	15577	44,920	22.46	113.41				
17-Sep-97	HT-01	15584	45,340	22.67	136.08				
17-Sep-97	HT-01	15591	45,500	22.75	158.83				
17-Sep-97	HT-01	15598	45,020	22.51	181.34				
17-Sep-97	HT-01	15605	44,680	22.34	203.68				
17-Sep-97	HT-01	15612	44,400	22.20	225.88				
17-Sep-97	HT-01	15518	46,200	23.10	248.98				
17-Sep-97	HT-01	15624	44,680	22.34	271.32				
17-Sep-97	HT-01	15630	46,760	23.38	294.70				
17-Sep-97	HT-01	15637	46,000	23.00	317.70				
17-Sep-97	HT-01	15644	43,480	21.74	339.44				
17-Sep-97	HT-01	15657	46,640	23.32	362.76				
17-Sep-97	HT-01	15665	43,520	21.76	384.52				
17-Sep-97	HT-01	15673	43,100	21.55	406.07				
17-Sep-97	HT-01	15681	46,040	23.02	429.09				
17-Sep-97	HT-01	15689	46,560	23.28	452.37				
17-Sep-97	HT-01	15697	44,800	22.40	474.77	474.77	21		
17-Sep-97	HT-10	15696	40,500	20.25	495.02				
17-Sep-97	HT-10	15688	59,140	29.57	524.59				
17-Sep-97	HT-10	15680	58,690	29.35	553.94				
17-Sep-97	HT-10	15672	55,740	27.87	581.81				
17-Sep-97	HT-10	15664	58,400	29.20	611.01				
17-Sep-97	HT-10	15656	59,660	29.83	640.84				
17-Sep-97	HT-10	15649	55,660	27.83	668.67	193.90	9		
17-Sep-97	HT-12	15556	42,060	21.03	689.70				
17-Sep-97	HT-12	15561	47,440	23.72	713.42				
17-Sep-97	HT-12	15567	45,040	22.52	735.94				
17-Sep-97	HT-12	15572	43,300	21.65	757.59				
17-Sep-97	HT-12	15578	44,520	22.26	779.85				
17-Sep-97	HT-12	15585	47,800	23.90	803.75				
17-Sep-97	HT-12	15592	44,560	22.28	826.03				
17-Sep-97	HT-12	15599	41,760	20.88	846.91				
17-Sep-97	HT-12	15606	45,460	22.73	869.64				
17-Sep-97	HT-12	15513	42,400	21.20	890.84				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
17-Sep-97	HT-12	15619	42,520	21.26	912.10				
17-Sep-97	HT-12	15625	42,300	21.15	933.25				
17-Sep-97	HT-12	15631	43,560	21.78	955.03				
17-Sep-97	HT-12	15638	45,040	22.52	977.55				
17-Sep-97	HT-12	15645	41,320	20.66	998.21				
17-Sep-97	HT-12	15652	43,480	21.74	1,019.95				
17-Sep-97	HT-12	15660	45,640	22.82	1,042.77				
17-Sep-97	HT-12	15668	45,200	22.60	1,065.37				
17-Sep-97	HT-12	15675	45,340	22.67	1,088.04				
17-Sep-97	HT-12	15683	44,340	22.17	1,110.21				
17-Sep-97	HT-12	15691	45,160	22.58	1,132.79				
17-Sep-97	HT-12	15699	43,420	21.71	1,154.50	485.83	22		
17-Sep-97	HT-13	15553	52,000	26.00	1,180.50				
17-Sep-97	HT-13	15558	50,000	25.00	1,205.50				
17-Sep-97	HT-13	15564	51,800	25.90	1,231.40				
17-Sep-97	HT-13	15570	54,780	27.39	1,258.79				
17-Sep-97	HT-13	15576	52,500	26.25	1,285.04				
17-Sep-97	HT-13	15583	51,980	25.99	1,311.03				
17-Sep-97	HT-13	15590	50,360	25.18	1,336.21				
17-Sep-97	HT-13	15597	50,740	25.37	1,361.58				
17-Sep-97	HT-13	15604	51,400	25.70	1,387.28				
17-Sep-97	HT-13	15611	50,460	25.23	1,412.51	258.01	10		
17-Sep-97	HT-14	15551	46,000	23.00	1,435.51				
17-Sep-97	HT-14	15557	40,460	20.23	1,455.74				
17-Sep-97	HT-14	15563	49,840	24.92	1,480.66				
17-Sep-97	HT-14	15569	45,680	22.84	1,503.50				
17-Sep-97	HT-14	15574	44,120	22.06	1,525.56				
17-Sep-97	HT-14	15581	44,940	22.47	1,548.03				
17-Sep-97	HT-14	15588	45,820	22.91	1,570.94				
17-Sep-97	HT-14	15595	44,840	22.42	1,593.36				
17-Sep-97	HT-14	15602	41,800	20.90	1,614.26				
17-Sep-97	HT-14	15509	44,720	22.36	1,636.62				
17-Sep-97	HT-14	15616	41,420	20.71	1,657.33				
17-Sep-97	HT-14	15622	43,580	21.79	1,679.12				
17-Sep-97	HT-14	15628	45,540	22.77	1,701.89				
17-Sep-97	HT-14	15634	43,960	21.98	1,723.87				
17-Sep-97	HT-14	15641	44,420	22.21	1,746.08				
17-Sep-97	HT-14	15648	43,140	21.57	1,767.65				
17-Sep-97	HT-14	15655	44,840	22.42	1,790.07				
17-Sep-97	HT-14	15663	43,880	21.94	1,812.01				
17-Sep-97	HT-14	15671	44,040	22.02	1,834.03				
17-Sep-97	HT-14	15679	42,900	21.45	1,855.48				
17-Sep-97	HT-14	15687	46,020	23.01	1,878.49				
17-Sep-97	HT-14	15695	44,260	22.13	1,900.62	488.11	22		
17-Sep-97	HT-17	15693	58,120	29.06	1,929.68				
17-Sep-97	HT-17	15685	60,440	30.22	1,959.90				
17-Sep-97	HT-17	15685	60,440	30.22	1,990.12				
17-Sep-97	HT-17	15677	61,880	30.94	2,021.06				
17-Sep-97	HT-17	15666	61,780	30.89	2,051.95				
17-Sep-97	HT-17	15658	59,780	29.89	2,081.84				
17-Sep-97	HT-17	15650	57,920	28.96	2,110.80				
17-Sep-97	HT-17	15642	57,580	28.79	2,139.59				
17-Sep-97	HT-17	15635	55,880	27.94	2,167.53				
17-Sep-97	HT-18	15579	46,380	23.19	2,190.72				
17-Sep-97	HT-18	15586	47,760	23.88	2,214.60				
17-Sep-97	HT-18	15593	45,300	22.65	2,237.25				
17-Sep-97	HT-18	15600	46,020	23.01	2,260.26				
17-Sep-97	HT-18	15607	44,020	22.01	2,282.27				
17-Sep-97	HT-18	15614	45,840	22.92	2,305.19				
17-Sep-97	HT-18	15620	46,420	23.21	2,328.40				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
17-Sep-97	HT-18	15626	43,140	21.57	2,349.97				
17-Sep-97	HT-18	15632	44,220	22.11	2,372.08				
17-Sep-97	HT-18	15639	43,840	21.92	2,394.00				
17-Sep-97	HT-18	15646	43,200	21.60	2,415.60				
17-Sep-97	HT-18	15653	45,620	22.81	2,438.41				
17-Sep-97	HT-18	15661	44,040	22.02	2,460.43				
17-Sep-97	HT-18	15669	46,100	23.05	2,483.48				
17-Sep-97	HT-18	15676	43,120	21.56	2,505.04				
17-Sep-97	HT-18	15684	45,540	22.77	2,527.81				
17-Sep-97	HT-18	15692	47,800	23.90	2,551.71				
17-Sep-97	HT-18	15700	45,000	22.50	2,574.21	673.59	27		
17-Sep-97	HT-19	15555	43,880	21.94	2,596.15				
17-Sep-97	HT-19	15560	46,040	23.02	2,619.17				
17-Sep-97	HT-19	15566	44,760	22.38	2,641.55				
17-Sep-97	HT-19	15573	45,060	22.53	2,664.08				
17-Sep-97	HT-19	15580	45,040	22.52	2,686.60				
17-Sep-97	HT-19	15587	45,320	22.66	2,709.26				
17-Sep-97	HT-19	15594	44,960	22.48	2,731.74				
17-Sep-97	HT-19	15501	47,160	23.58	2,755.32				
17-Sep-97	HT-19	15608	46,040	23.02	2,778.34				
17-Sep-97	HT-19	15615	42,700	21.35	2,799.69				
17-Sep-97	HT-19	15621	46,740	23.37	2,823.06				
17-Sep-97	HT-19	15627	45,120	22.56	2,845.62				
17-Sep-97	HT-19	15633	44,360	22.18	2,867.80				
17-Sep-97	HT-19	15640	46,080	23.04	2,890.84				
17-Sep-97	HT-19	15647	44,080	22.04	2,912.88				
17-Sep-97	HT-19	15654	46,000	23.00	2,935.88				
17-Sep-97	HT-19	15662	46,060	23.03	2,958.91				
17-Sep-97	HT-19	15670	44,940	22.47	2,981.38				
17-Sep-97	HT-19	15678	46,380	23.19	3,004.57				
17-Sep-97	HT-19	15686	48,140	24.07	3,028.64				
17-Sep-97	HT-19	15694	44,620	22.31	3,050.95	476.74	21		
17-Sep-97	HT-20	15552	52,060	26.03	3,076.98				
17-Sep-97	HT-20	15562	50,840	25.42	3,102.40				
17-Sep-97	HT-20	15568	51,040	25.52	3,127.92				
17-Sep-97	HT-20	15575	53,500	26.75	3,154.67				
17-Sep-97	HT-20	15582	54,460	27.23	3,181.90				
17-Sep-97	HT-20	15589	50,320	25.16	3,207.06				
17-Sep-97	HT-20	15596	49,220	24.61	3,231.67				
17-Sep-97	HT-20	15603	50,320	25.16	3,256.83				
17-Sep-97	HT-20	15610	52,100	26.05	3,282.88				
17-Sep-97	HT-20	15617	50,000	25.00	3,307.88				
17-Sep-97	HT-20	15623	51,360	25.68	3,333.56				
17-Sep-97	HT-20	15629	50,240	25.12	3,358.68				
17-Sep-97	HT-20	15636	48,820	24.41	3,383.09				
17-Sep-97	HT-20	15643	52,660	26.33	3,409.42				
17-Sep-97	HT-20	15651	52,200	26.10	3,435.52				
17-Sep-97	HT-20	15659	51,960	25.98	3,461.50				
17-Sep-97	HT-20	15667	56,300	28.15	3,489.65				
17-Sep-97	HT-20	15674	54,060	27.03	3,516.68				
17-Sep-97	HT-20	15682	49,600	24.80	3,541.48				
17-Sep-97	HT-20	15690	50,160	25.08	3,566.56				
17-Sep-97	HT-20	15698	50,280	25.14	3,591.70	540.75	21		
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18-Sep-97	HT-01	15701	48,300	24.15	24.15				
18-Sep-97	HT-01	15709	42,180	21.09	45.24				
18-Sep-97	HT-01	15717	46,460	23.23	68.47				
18-Sep-97	HT-01	15725	45,380	22.69	91.16				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
18-Sep-97	HT-01	15733	43,520	21.76	112.92				
18-Sep-97	HT-01	15741	43,060	21.53	134.45				
18-Sep-97	HT-01	15749	43,560	21.78	156.23				
18-Sep-97	HT-01	15757	46,440	23.22	179.45				
18-Sep-97	HT-01	15765	44,500	22.25	201.70				
18-Sep-97	HT-01	15773	42,380	21.19	222.89				
18-Sep-97	HT-01	15781	43,920	21.96	244.85				
18-Sep-97	HT-01	15789	44,520	22.26	267.11				
18-Sep-97	HT-01	15797	45,180	22.59	289.70				
18-Sep-97	HT-01	15805	43,880	21.94	311.64				
18-Sep-97	HT-01	15813	41,880	20.94	332.58				
18-Sep-97	HT-01	15821	43,600	21.80	354.38				
18-Sep-97	HT-01	15829	45,160	22.58	376.96				
18-Sep-97	HT-01	15837	45,740	22.87	399.83				
18-Sep-97	HT-01	15845	45,900	22.95	422.78				
18-Sep-97	HT-01	15903	43,780	21.89	444.67				
18-Sep-97	HT-01	15860	43,660	21.83	466.50	466.50	21		
18-Sep-97	HT-10	15704	55,860	27.93	494.43				
18-Sep-97	HT-10	15712	56,260	28.13	522.56				
18-Sep-97	HT-10	15721	59,720	29.86	552.42				
18-Sep-97	HT-10	15729	56,160	28.08	580.50				
18-Sep-97	HT-10	15737	57,320	28.66	609.16				
18-Sep-97	HT-10	15745	57,660	28.83	637.99				
18-Sep-97	HT-10	15753	57,820	28.91	666.90				
18-Sep-97	HT-10	15761	56,440	28.22	695.12				
18-Sep-97	HT-10	15769	54,740	27.37	722.49				
18-Sep-97	HT-10	15777	56,720	28.36	750.85				
18-Sep-97	HT-10	15785	57,360	28.68	779.53				
18-Sep-97	HT-10	15792	58,620	29.31	808.84				
18-Sep-97	HT-10	15800	53,540	26.77	835.61				
18-Sep-97	HT-10	15808	54,860	27.43	863.04				
18-Sep-97	HT-10	15816	57,560	28.78	891.82				
18-Sep-97	HT-10	15824	57,500	28.75	920.57				
18-Sep-97	HT-10	15832	57,500	28.75	949.32				
18-Sep-97	HT-10	15840	54,720	27.36	976.68				
18-Sep-97	HT-10	15848	53,920	26.96	1,003.64				
18-Sep-97	HT-10	15855	53,720	26.86	1,030.50	564.00	20		
18-Sep-97	HT-12	15708	42,860	21.43	1,051.93				
18-Sep-97	HT-12	15715	44,600	22.30	1,074.23				
18-Sep-97	HT-12	15723	44,140	22.07	1,096.30				
18-Sep-97	HT-12	15731	39,780	19.89	1,116.19				
18-Sep-97	HT-12	15739	43,580	21.79	1,137.98				
18-Sep-97	HT-12	15747	45,340	22.67	1,160.65				
18-Sep-97	HT-12	15755	45,780	22.89	1,183.54				
18-Sep-97	HT-12	15763	45,060	22.53	1,206.07				
18-Sep-97	HT-12	15771	42,560	21.28	1,227.35				
18-Sep-97	HT-12	15779	44,660	22.33	1,249.68				
18-Sep-97	HT-12	15787	44,240	22.12	1,271.80				
18-Sep-97	HT-12	15795	44,780	22.39	1,294.19				
18-Sep-97	HT-12	15803	42,060	21.03	1,315.22				
18-Sep-97	HT-12	15811	41,540	20.77	1,335.99				
18-Sep-97	HT-12	15819	43,740	21.87	1,357.86				
18-Sep-97	HT-12	15827	44,780	22.39	1,380.25				
18-Sep-97	HT-12	15835	46,820	23.41	1,403.66				
18-Sep-97	HT-12	15843	45,060	22.53	1,426.19				
18-Sep-97	HT-12	15851	43,080	21.54	1,447.73				
18-Sep-97	HT-12	15858	42,440	21.22	1,468.95	438.45	20		
18-Sep-97	HT-13	15710	59,740	29.87	1,498.82				
18-Sep-97	HT-13	15718	61,240	30.62	1,529.44				
18-Sep-97	HT-13	15726	56,760	28.38	1,557.82				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
18-Sep-97	HT-13	15734	56,020	28.01	1,585.83				
18-Sep-97	HT-13	15742	57,360	28.68	1,614.51				
18-Sep-97	HT-13	15750	58,120	29.06	1,643.57				
18-Sep-97	HT-13	15758	59,480	29.74	1,673.31				
18-Sep-97	HT-13	15766	55,500	27.75	1,701.06				
18-Sep-97	HT-13	15774	55,480	27.74	1,728.80				
18-Sep-97	HT-13	15782	57,560	28.78	1,757.58				
18-Sep-97	HT-13	15790	60,160	30.08	1,787.66				
18-Sep-97	HT-13	15798	56,660	28.33	1,815.99				
18-Sep-97	HT-13	15806	54,060	27.03	1,843.02				
18-Sep-97	HT-13	15815	52,300	26.15	1,869.17				
18-Sep-97	HT-13	15823	57,320	28.66	1,897.83				
18-Sep-97	HT-13	15831	56,920	28.46	1,926.29				
18-Sep-97	HT-13	15839	55,860	27.93	1,954.22				
18-Sep-97	HT-13	15847	56,260	28.13	1,982.35				
18-Sep-97	HT-13	15854	56,380	28.19	2,010.54				
18-Sep-97	HT-13	15863	56,780	28.39	2,038.93	569.98	20		
18-Sep-97	HT-14	15702	43,200	21.60	2,060.53				
18-Sep-97	HT-14	15711	45,440	22.72	2,083.25				
18-Sep-97	HT-14	15719	45,160	22.58	2,105.83				
18-Sep-97	HT-14	15727	45,280	22.64	2,128.47				
18-Sep-97	HT-14	15735	44,600	22.30	2,150.77				
18-Sep-97	HT-14	15743	42,800	21.40	2,172.17				
18-Sep-97	HT-14	15751	44,400	22.20	2,194.37				
18-Sep-97	HT-14	15759	43,020	21.51	2,215.88				
18-Sep-97	HT-14	15767	45,920	22.96	2,238.84				
18-Sep-97	HT-14	15776	44,040	22.02	2,260.86				
18-Sep-97	HT-14	15783	43,660	21.83	2,282.69				
18-Sep-97	HT-14	15791	44,400	22.20	2,304.89				
18-Sep-97	HT-14	15799	42,620	21.31	2,326.20				
18-Sep-97	HT-14	15807	42,580	21.29	2,347.49				
18-Sep-97	HT-14	15814	43,680	21.84	2,369.33				
18-Sep-97	HT-14	15822	46,880	23.44	2,392.77				
18-Sep-97	HT-14	15830	44,640	22.32	2,415.09				
18-Sep-97	HT-14	15838	45,580	22.79	2,437.88				
18-Sep-97	HT-14	15846	45,500	22.75	2,460.63				
18-Sep-97	HT-14	15853	44,700	22.35	2,482.98				
18-Sep-97	HT-14	15861	43,880	21.94	2,504.92	465.99	21		
18-Sep-97	HT-17	15706	62,740	31.37	2,536.29				
18-Sep-97	HT-17	15713	62,240	31.12	2,567.41				
18-Sep-97	HT-17	15720	60,420	30.21	2,597.62				
18-Sep-97	HT-17	15728	61,080	30.54	2,628.16				
18-Sep-97	HT-17	15736	57,560	28.78	2,656.94				
18-Sep-97	HT-17	15744	61,140	30.57	2,687.51				
18-Sep-97	HT-17	15752	57,620	28.81	2,716.32				
18-Sep-97	HT-17	15760	58,100	29.05	2,745.37				
18-Sep-97	HT-17	15768	56,380	28.19	2,773.56				
18-Sep-97	HT-17	15776	57,560	28.78	2,802.34				
18-Sep-97	HT-17	15784	61,420	30.71	2,833.05				
18-Sep-97	HT-17	15793	61,960	30.98	2,864.03				
18-Sep-97	HT-17	15801	53,900	26.95	2,890.98				
18-Sep-97	HT-17	15809	58,220	29.11	2,920.09				
18-Sep-97	HT-17	15817	57,940	28.97	2,949.06				
18-Sep-97	HT-17	15825	57,820	28.91	2,977.97				
18-Sep-97	HT-17	15833	59,380	29.69	3,007.66				
18-Sep-97	HT-17	15841	58,740	29.37	3,037.03				
18-Sep-97	HT-17	15849	55,180	27.59	3,064.62				
18-Sep-97	HT-17	15856	56,100	28.05	3,092.67	587.75	20		
18-Sep-97	HT-18	15716	46,860	23.43	3,116.10				
18-Sep-97	HT-18	15724	45,100	22.55	3,138.65				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
18-Sep-97	HT-18	15732	46,640	23.32	3,161.97				
18-Sep-97	HT-18	15740	46,620	23.31	3,185.28				
18-Sep-97	HT-18	15748	44,520	22.26	3,207.54				
18-Sep-97	HT-18	15756	46,380	23.19	3,230.73				
18-Sep-97	HT-18	15764	46,160	23.08	3,253.81				
18-Sep-97	HT-18	15772	42,820	21.41	3,275.22				
18-Sep-97	HT-18	15780	44,100	22.05	3,297.27				
18-Sep-97	HT-18	15788	44,700	22.35	3,319.62				
18-Sep-97	HT-18	15796	45,760	22.88	3,342.50				
18-Sep-97	HT-18	15804	45,000	22.50	3,365.00				
18-Sep-97	HT-18	15812	41,340	20.67	3,385.67				
18-Sep-97	HT-18	15820	41,620	20.81	3,406.48				
18-Sep-97	HT-18	15823	46,680	23.34	3,429.82				
18-Sep-97	HT-18	15836	46,700	23.35	3,453.17				
18-Sep-97	HT-18	15844	45,580	22.79	3,475.96				
18-Sep-97	HT-18	15852	43,840	21.92	3,497.88				
18-Sep-97	HT-18	15859	44,240	22.12	3,520.00	427.33	19		
18-Sep-97	HT-19	15707	47,520	23.76	3,543.76				
18-Sep-97	HT-19	15714	45,880	22.94	3,566.70				
18-Sep-97	HT-19	15722	46,520	23.26	3,589.96				
18-Sep-97	HT-19	15730	43,300	21.65	3,611.61				
18-Sep-97	HT-19	15738	43,180	21.59	3,633.20				
18-Sep-97	HT-19	15746	44,840	22.42	3,655.62				
18-Sep-97	HT-19	15754	46,440	23.22	3,678.84				
18-Sep-97	HT-19	15762	44,320	22.16	3,701.00				
18-Sep-97	HT-19	15770	45,760	22.88	3,723.88				
18-Sep-97	HT-19	15778	45,280	22.64	3,746.52				
18-Sep-97	HT-19	15786	45,960	22.98	3,769.50				
18-Sep-97	HT-19	15794	46,200	23.10	3,792.60				
18-Sep-97	HT-19	15802	44,680	22.34	3,814.94				
18-Sep-97	HT-19	15810	44,560	22.28	3,837.22				
18-Sep-97	HT-19	15818	42,540	21.27	3,858.49				
18-Sep-97	HT-19	15826	44,700	22.35	3,880.84				
18-Sep-97	HT-19	15834	47,100	23.55	3,904.39				
18-Sep-97	HT-19	15842	45,880	22.94	3,927.33				
18-Sep-97	HT-19	15850	44,640	22.32	3,949.65				
18-Sep-97	HT-19	15857	44,880	22.44	3,972.09	452.09	20		
18-Sep-97	HT-20	15703	54,780	27.39	3,999.48	27.39	1		
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19-Sep-97	HT-01	15868	44,900	22.45	22.45				
19-Sep-97	HT-01	15876	42,760	21.38	43.83				
19-Sep-97	HT-01	15884	43,800	21.90	65.73				
19-Sep-97	HT-01	15893	44,240	22.12	87.85				
19-Sep-97	HT-01	15898	59,220	29.61	117.46				
19-Sep-97	HT-01	15902	45,940	22.97	140.43				
19-Sep-97	HT-01	15912	44,180	22.09	162.52				
19-Sep-97	HT-01	15921	48,060	24.03	186.55				
19-Sep-97	HT-01	15930	41,720	20.86	207.41				
19-Sep-97	HT-01	15940	43,280	21.64	229.05				
19-Sep-97	HT-01	15949	46,800	23.40	252.45				
19-Sep-97	HT-01	15958	40,520	20.26	272.71				
19-Sep-97	HT-01	15927	44,600	22.30	295.01				
19-Sep-97	HT-01	15976	44,160	22.08	317.09				
19-Sep-97	HT-01	15985	43,500	21.75	338.84				
19-Sep-97	HT-01	15994	46,460	23.23	362.07				
19-Sep-97	HT-01	16252	46,440	23.22	385.29	385.29	17		
19-Sep-97	HT-10	15865	54,800	27.40	412.69				
19-Sep-97	HT-10	15873	56,840	28.42	441.11				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
19-Sep-97	HT-10	15881	57,500	28.75	469.86				
19-Sep-97	HT-10	15890	57,340	28.67	498.53				
19-Sep-97	HT-10	15908	54,180	27.09	525.62				
19-Sep-97	HT-10	15917	56,880	28.44	554.06				
19-Sep-97	HT-10	15926	55,920	27.96	582.02				
19-Sep-97	HT-10	15936	52,660	26.33	608.35				
19-Sep-97	HT-10	15945	51,020	25.51	633.86				
19-Sep-97	HT-10	15954	56,460	28.23	662.09				
19-Sep-97	HT-10	15963	49,260	24.63	686.72				
19-Sep-97	HT-10	15972	54,700	27.35	714.07				
19-Sep-97	HT-10	15981	58,340	29.17	743.24				
19-Sep-97	HT-10	15990	60,220	30.11	773.35				
19-Sep-97	HT-10	15999	57,260	28.63	801.98	416.69	15		
19-Sep-97	HT-12	15866	42,720	21.36	823.34				
19-Sep-97	HT-12	15874	44,900	22.45	845.79				
19-Sep-97	HT-12	15882	45,980	22.99	868.78				
19-Sep-97	HT-12	15891	44,040	22.02	890.80				
19-Sep-97	HT-12	15900	44,880	22.44	913.24				
19-Sep-97	HT-12	15910	42,520	21.26	934.50				
19-Sep-97	HT-12	15919	43,200	21.60	956.10				
19-Sep-97	HT-12	15928	42,620	21.31	977.41				
19-Sep-97	HT-12	15938	43,360	21.68	999.09				
19-Sep-97	HT-12	15947	44,800	22.40	1,021.49				
19-Sep-97	HT-12	15956	44,340	22.17	1,043.66				
19-Sep-97	HT-12	15965	46,220	23.11	1,066.77				
19-Sep-97	HT-12	15974	44,920	22.46	1,089.23				
19-Sep-97	HT-12	15983	41,680	20.84	1,110.07				
19-Sep-97	HT-12	15991	43,280	21.64	1,131.71				
19-Sep-97	HT-12	16000	44,240	22.12	1,153.83	351.85	16		
19-Sep-97	HT-13	15869	53,900	26.95	1,180.78				
19-Sep-97	HT-13	15877	57,460	28.73	1,209.51				
19-Sep-97	HT-13	15885	60,300	30.15	1,239.66				
19-Sep-97	HT-13	15894	56,660	28.33	1,267.99				
19-Sep-97	HT-13	15904	59,260	29.63	1,297.62				
19-Sep-97	HT-13	15913	56,700	28.35	1,325.97				
19-Sep-97	HT-13	15922	55,880	27.94	1,353.91				
19-Sep-97	HT-13	15932	54,380	27.19	1,381.10				
19-Sep-97	HT-13	15941	60,520	30.26	1,411.36				
19-Sep-97	HT-13	15950	54,900	27.45	1,438.81				
19-Sep-97	HT-13	15959	58,480	29.24	1,468.05				
19-Sep-97	HT-13	15968	60,180	30.09	1,498.14				
19-Sep-97	HT-13	15977	60,300	30.15	1,528.29				
19-Sep-97	HT-13	15986	62,820	31.41	1,559.70				
19-Sep-97	HT-13	15995	66,880	33.44	1,593.14				
19-Sep-97	HT-13	16254	61,560	30.78	1,623.92	470.09	16		
19-Sep-97	HT-14	15867	42,400	21.20	1,645.12				
19-Sep-97	HT-14	15875	44,140	22.07	1,667.19				
19-Sep-97	HT-14	15883	45,060	22.53	1,689.72				
19-Sep-97	HT-14	15892	45,260	22.63	1,712.35				
19-Sep-97	HT-14	15901	43,660	21.83	1,734.18				
19-Sep-97	HT-14	15911	43,320	21.66	1,755.84				
19-Sep-97	HT-14	15920	42,120	21.06	1,776.90				
19-Sep-97	HT-14	15929	43,560	21.78	1,798.68				
19-Sep-97	HT-14	15939	43,720	21.86	1,820.54				
19-Sep-97	HT-14	15948	42,400	21.20	1,841.74				
19-Sep-97	HT-14	15957	38,520	19.26	1,861.00				
19-Sep-97	HT-14	15966	45,000	22.50	1,883.50				
19-Sep-97	HT-14	15975	43,460	21.73	1,905.23				
19-Sep-97	HT-14	15984	45,020	22.51	1,927.74				
19-Sep-97	HT-14	15993	44,240	22.12	1,949.86				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
19-Sep-97	HT-14	16253	44,740	22.37	1,972.23	348.31	16		
19-Sep-97	HT-17	15863	60,700	30.35	2,002.58				
19-Sep-97	HT-17	15872	58,520	29.26	2,031.84				
19-Sep-97	HT-17	15880	58,540	29.27	2,061.11				
19-Sep-97	HT-17	15888	56,160	28.08	2,089.19				
19-Sep-97	HT-17	15896	55,140	27.57	2,116.76				
19-Sep-97	HT-17	15906	59,560	29.78	2,146.54				
19-Sep-97	HT-17	15915	56,380	28.19	2,174.73				
19-Sep-97	HT-17	15924	56,140	28.07	2,202.80				
19-Sep-97	HT-17	15934	54,180	27.09	2,229.89				
19-Sep-97	HT-17	15943	55,460	27.73	2,257.62				
19-Sep-97	HT-17	15952	59,980	29.99	2,287.61				
19-Sep-97	HT-17	15961	58,820	29.41	2,317.02				
19-Sep-97	HT-17	15970	58,280	29.14	2,346.16				
19-Sep-97	HT-17	15979	61,580	30.79	2,376.95				
19-Sep-97	HT-17	15988	63,040	31.52	2,408.47				
19-Sep-97	HT-17	15997	64,760	32.38	2,440.85	468.62	16		
19-Sep-97	HT-18	15870	49,400	24.70	2,465.55				
19-Sep-97	HT-18	15886	45,000	22.50	2,488.05				
19-Sep-97	HT-18	15895	46,160	23.08	2,511.13				
19-Sep-97	HT-18	15905	46,480	23.24	2,534.37				
19-Sep-97	HT-18	15914	41,100	20.55	2,554.92				
19-Sep-97	HT-18	15923	44,740	22.37	2,577.29				
19-Sep-97	HT-18	15933	39,660	19.83	2,597.12				
19-Sep-97	HT-18	15942	41,760	20.88	2,618.00				
19-Sep-97	HT-18	15951	45,260	22.63	2,640.63				
19-Sep-97	HT-18	15878	45,760	22.88	2,663.51				
19-Sep-97	HT-18	15960	42,860	21.43	2,684.94				
19-Sep-97	HT-18	15969	43,320	21.66	2,706.60				
19-Sep-97	HT-18	15978	42,980	21.49	2,728.09				
19-Sep-97	HT-18	15987	45,560	22.78	2,750.87				
19-Sep-97	HT-18	15996	43,080	21.54	2,772.41	331.56	15		
19-Sep-97	HT-19	15864	45,180	22.59	2,795.00				
19-Sep-97	HT-19	15931	45,480	22.74	2,817.74				
19-Sep-97	HT-19	15889	45,720	22.86	2,840.60				
19-Sep-97	HT-19	15897	44,260	22.13	2,862.73				
19-Sep-97	HT-19	15907	42,800	21.40	2,884.13				
19-Sep-97	HT-19	15916	44,180	22.09	2,906.22				
19-Sep-97	HT-19	15925	42,760	21.38	2,927.60				
19-Sep-97	HT-19	15935	44,300	22.15	2,949.75				
19-Sep-97	HT-19	15944	42,460	21.23	2,970.98				
19-Sep-97	HT-19	15953	43,040	21.52	2,992.50				
19-Sep-97	HT-19	15962	42,740	21.37	3,013.87				
19-Sep-97	HT-19	15971	41,520	20.76	3,034.63				
19-Sep-97	HT-19	15980	42,340	21.17	3,055.80				
19-Sep-97	HT-19	15989	43,640	21.82	3,077.62				
19-Sep-97	HT-19	15998	43,260	21.63	3,099.25	326.84	15		
19-Sep-97	HT-20	15871	57,320	28.66	3,127.91				
19-Sep-97	HT-20	15879	57,000	28.50	3,156.41				
19-Sep-97	HT-20	15887	55,300	27.65	3,184.06				
19-Sep-97	HT-20	15899	59,440	29.72	3,213.78				
19-Sep-97	HT-20	15909	60,200	30.10	3,243.88				
19-Sep-97	HT-20	15918	60,320	30.16	3,274.04				
19-Sep-97	HT-20	15927	53,780	26.89	3,300.93				
19-Sep-97	HT-20	15937	57,980	28.99	3,329.92				
19-Sep-97	HT-20	15946	60,600	30.30	3,360.22				
19-Sep-97	HT-20	15955	63,220	31.61	3,391.83				
19-Sep-97	HT-20	15964	62,240	31.12	3,422.95				
19-Sep-97	HT-20	15973	63,160	31.58	3,454.53				
19-Sep-97	HT-20	15982	63,220	31.61	3,486.14				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
19-Sep-97	HT-20	15992	60,080	30.04	3,516.18				
19-Sep-97	HT-20	16251	61,380	30.69	3,546.87	447.62	15		
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22-Sep-97	HT-01	16259	47,480	23.74	23.74				
22-Sep-97	HT-01	16268	42,060	21.03	44.77				
22-Sep-97	HT-01	16277	45,040	22.52	67.29				
22-Sep-97	HT-01	16286	43,500	21.75	89.04				
22-Sep-97	HT-01	16294	45,400	22.70	111.74				
22-Sep-97	HT-01	16303	44,900	22.45	134.19				
22-Sep-97	HT-01	16312	46,020	23.01	157.20				
22-Sep-97	HT-01	16320	46,400	23.20	180.40				
22-Sep-97	HT-01	16327	47,460	23.73	204.13				
22-Sep-97	HT-01	16336	44,080	22.04	226.17				
22-Sep-97	HT-01	16345	44,680	22.34	248.51				
22-Sep-97	HT-01	16354	48,420	24.21	272.72	272.72	12		
22-Sep-97	HT-10	16258	58,860	29.43	302.15				
22-Sep-97	HT-10	16267	57,940	28.97	331.12				
22-Sep-97	HT-10	16276	58,220	29.11	360.23				
22-Sep-97	HT-10	16285	60,060	30.03	390.26				
22-Sep-97	HT-10	16293	62,220	31.11	421.37				
22-Sep-97	HT-10	16302	55,820	27.91	449.28				
22-Sep-97	HT-10	16311	57,080	28.54	477.82				
22-Sep-97	HT-10	16321	59,500	29.75	507.57				
22-Sep-97	HT-10	16330	59,920	29.96	537.53				
22-Sep-97	HT-10	16339	58,500	29.25	566.78				
22-Sep-97	HT-10	16348	56,780	28.39	595.17				
22-Sep-97	HT-10	16357	58,120	29.06	624.23	351.51	12		
22-Sep-97	HT-12	16255	46,200	23.10	647.33				
22-Sep-97	HT-12	16262	44,660	22.33	669.66				
22-Sep-97	HT-12	16271	43,320	21.66	691.32				
22-Sep-97	HT-12	16280	43,220	21.61	712.93				
22-Sep-97	HT-12	16289	44,960	22.48	735.41				
22-Sep-97	HT-12	16297	43,360	21.68	757.09				
22-Sep-97	HT-12	16306	43,080	21.54	778.63				
22-Sep-97	HT-12	16315	46,700	23.35	801.98				
22-Sep-97	HT-12	16324	46,880	23.44	825.42				
22-Sep-97	HT-12	16333	44,900	22.45	847.87				
22-Sep-97	HT-12	16342	44,180	22.09	869.96				
22-Sep-97	HT-12	16351	45,640	22.82	892.78				
22-Sep-97	HT-12	16360	43,480	21.74	914.52	290.29	13		
22-Sep-97	HT-13	16256	60,660	30.33	944.85				
22-Sep-97	HT-13	16263	61,860	30.93	975.78				
22-Sep-97	HT-13	16272	61,060	30.53	1,006.31				
22-Sep-97	HT-13	16281	58,240	29.12	1,035.43				
22-Sep-97	HT-13	16290	61,680	30.84	1,066.27				
22-Sep-97	HT-13	16299	63,960	31.98	1,098.25				
22-Sep-97	HT-13	16308	61,880	30.94	1,129.19				
22-Sep-97	HT-13	16317	59,160	29.58	1,158.77				
22-Sep-97	HT-13	16328	58,860	29.43	1,188.20				
22-Sep-97	HT-13	16337	63,720	31.86	1,220.06				
22-Sep-97	HT-13	16346	59,080	29.54	1,249.60				
22-Sep-97	HT-13	16355	62,940	31.47	1,281.07	366.55	12		
22-Sep-97	HT-14	16261	43,920	21.96	1,303.03				
22-Sep-97	HT-14	16270	42,800	21.40	1,324.43				
22-Sep-97	HT-14	16279	41,080	20.54	1,344.97				
22-Sep-97	HT-14	16288	44,300	22.15	1,367.12				
22-Sep-97	HT-14	16296	44,540	22.27	1,389.39				
22-Sep-97	HT-14	16305	44,240	22.12	1,411.51				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
22-Sep-97	HT-14	16314	46,120	23.06	1,434.57				
22-Sep-97	HT-14	16323	44,520	22.26	1,456.83				
22-Sep-97	HT-14	16332	48,320	24.16	1,480.99				
22-Sep-97	HT-14	16341	43,180	21.59	1,502.58				
22-Sep-97	HT-14	16350	44,840	22.42	1,525.00				
22-Sep-97	HT-14	16359	44,480	22.24	1,547.24	266.17	12		
22-Sep-97	HT-17	16266	57,360	28.68	1,575.92				
22-Sep-97	HT-17	16275	60,220	30.11	1,606.03				
22-Sep-97	HT-17	16284	60,120	30.06	1,636.09				
22-Sep-97	HT-17	16292	62,960	31.48	1,667.57				
22-Sep-97	HT-17	16301	60,720	30.36	1,697.93				
22-Sep-97	HT-17	16310	58,640	29.32	1,727.25				
22-Sep-97	HT-17	16319	61,120	30.56	1,757.81				
22-Sep-97	HT-17	16326	61,000	30.50	1,788.31				
22-Sep-97	HT-17	16335	62,560	31.28	1,819.59				
22-Sep-97	HT-17	16344	57,340	28.67	1,848.26				
22-Sep-97	HT-17	16353	60,800	30.40	1,878.66				
22-Sep-97	HT-17	16362	64,680	32.34	1,911.00	363.76	12		
22-Sep-97	HT-18	16260	47,500	23.75	1,934.75				
22-Sep-97	HT-18	16269	48,620	24.31	1,959.06				
22-Sep-97	HT-18	16278	44,660	22.33	1,981.39				
22-Sep-97	HT-18	16287	46,360	23.18	2,004.57				
22-Sep-97	HT-18	16295	44,740	22.37	2,026.94				
22-Sep-97	HT-18	16304	46,740	23.37	2,050.31				
22-Sep-97	HT-18	16313	46,640	23.32	2,073.63				
22-Sep-97	HT-18	16322	47,480	23.74	2,097.37				
22-Sep-97	HT-18	16331	48,920	24.46	2,121.83				
22-Sep-97	HT-18	16340	42,760	21.38	2,143.21				
22-Sep-97	HT-18	16349	47,060	23.53	2,166.74				
22-Sep-97	HT-18	16358	45,120	22.56	2,189.30	278.30	12		
22-Sep-97	HT-19	16264	44,240	22.12	2,211.42				
22-Sep-97	HT-19	16273	43,960	21.98	2,233.40				
22-Sep-97	HT-19	16282	46,060	23.03	2,256.43				
22-Sep-97	HT-19	16298	45,340	22.67	2,279.10				
22-Sep-97	HT-19	16307	48,200	24.10	2,303.20				
22-Sep-97	HT-19	16316	47,440	23.72	2,326.92				
22-Sep-97	HT-19	16325	46,180	23.09	2,350.01				
22-Sep-97	HT-19	16334	48,080	24.04	2,374.05				
22-Sep-97	HT-19	16343	45,700	22.85	2,396.90				
22-Sep-97	HT-19	16352	48,000	24.00	2,420.90				
22-Sep-97	HT-19	16361	44,920	22.46	2,443.36	254.06	11		
22-Sep-97	HT-20	16257	58,240	29.12	2,472.48				
22-Sep-97	HT-20	16265	59,180	29.59	2,502.07				
22-Sep-97	HT-20	16274	60,780	30.39	2,532.46				
22-Sep-97	HT-20	16283	60,500	30.25	2,562.71				
22-Sep-97	HT-20	16291	56,540	28.27	2,590.98				
22-Sep-97	HT-20	16300	61,200	30.60	2,621.58				
22-Sep-97	HT-20	16309	58,660	29.33	2,650.91				
22-Sep-97	HT-20	16318	58,800	29.40	2,680.31				
22-Sep-97	HT-20	16329	61,180	30.59	2,710.90				
22-Sep-97	HT-20	16338	63,900	31.95	2,742.85				
22-Sep-97	HT-20	16347	57,860	28.93	2,771.78				
22-Sep-97	HT-20	16356	64,360	32.18	2,803.96	360.60	12		
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23-Sep-97	HT-01	16367	49,660	24.83	24.83				
23-Sep-97	HT-01	16376	49,100	24.55	49.38				
23-Sep-97	HT-01	16385	48,360	24.18	73.56				
23-Sep-97	HT-01	16394	47,240	23.62	97.18				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
23-Sep-97	HT-01	16403	44,200	22.10	119.28				
23-Sep-97	HT-01	16412	45,920	22.96	142.24				
23-Sep-97	HT-01	16420	43,460	21.73	163.97				
23-Sep-97	HT-01	16429	45,000	22.50	186.47				
23-Sep-97	HT-01	16439	41,460	20.73	207.20				
23-Sep-97	HT-01	16447	47,140	23.57	230.77				
23-Sep-97	HT-01	16456	44,380	22.19	252.96				
23-Sep-97	HT-01	16464	45,100	22.55	275.51				
23-Sep-97	HT-01	16477	47,900	23.95	299.46				
23-Sep-97	HT-01	16484	45,320	22.66	322.12				
23-Sep-97	HT-01	16493	46,420	23.21	345.33				
23-Sep-97	HT-01	16502	47,700	23.85	369.18				
23-Sep-97	HT-01	16511	44,560	22.28	391.46				
23-Sep-97	HT-01	16520	46,100	23.05	414.51				
23-Sep-97	HT-01	16529	46,000	23.00	437.51	437.51	19		
23-Sep-97	HT-10	16366	59,760	29.88	467.39				
23-Sep-97	HT-10	16375	57,720	28.86	496.25				
23-Sep-97	HT-10	16384	59,540	29.77	526.02				
23-Sep-97	HT-10	16393	59,420	29.71	555.73				
23-Sep-97	HT-10	16402	56,800	28.40	584.13				
23-Sep-97	HT-10	16411	58,180	29.09	613.22				
23-Sep-97	HT-10	16419	54,180	27.09	640.31				
23-Sep-97	HT-10	16427	57,120	28.56	668.87				
23-Sep-97	HT-10	16436	55,020	27.51	696.38				
23-Sep-97	HT-10	16445	57,000	28.50	724.88				
23-Sep-97	HT-10	16453	56,600	28.30	753.18				
23-Sep-97	HT-10	16461	58,820	29.41	782.59				
23-Sep-97	HT-10	16470	58,180	29.09	811.68				
23-Sep-97	HT-10	16479	59,840	29.92	841.60				
23-Sep-97	HT-10	16487	57,400	28.70	870.30				
23-Sep-97	HT-10	16496	60,520	30.26	900.56				
23-Sep-97	HT-10	16505	56,720	28.36	928.92				
23-Sep-97	HT-10	16514	60,080	30.04	958.96				
23-Sep-97	HT-10	16523	56,820	28.41	987.37				
23-Sep-97	HT-10	16532	58,240	29.12	1,016.49	578.98	20		
23-Sep-97	HT-12	16370	48,300	24.15	1,040.64				
23-Sep-97	HT-12	16378	46,520	23.26	1,063.90				
23-Sep-97	HT-12	16387	44,920	22.46	1,086.36				
23-Sep-97	HT-12	16395	43,760	21.88	1,108.24				
23-Sep-97	HT-12	16404	44,400	22.20	1,130.44				
23-Sep-97	HT-12	16413	45,000	22.50	1,152.94				
23-Sep-97	HT-12	16421	42,400	21.20	1,174.14				
23-Sep-97	HT-12	16430	45,220	22.61	1,196.75				
23-Sep-97	HT-12	16438	41,940	20.97	1,217.72				
23-Sep-97	HT-12	16451	41,200	20.60	1,238.32				
23-Sep-97	HT-12	16460	47,100	23.55	1,261.87				
23-Sep-97	HT-12	16469	42,200	21.10	1,282.97				
23-Sep-97	HT-12	16478	37,700	18.85	1,301.82				
23-Sep-97	HT-12	16486	43,420	21.71	1,323.53				
23-Sep-97	HT-12	16495	45,980	22.99	1,346.52				
23-Sep-97	HT-12	16504	45,840	22.92	1,369.44				
23-Sep-97	HT-12	16513	44,360	22.18	1,391.62				
23-Sep-97	HT-12	16522	44,820	22.41	1,414.03				
23-Sep-97	HT-12	16531	43,920	21.96	1,435.99	419.50	19		
23-Sep-97	HT-13	16371	59,400	29.70	1,465.69				
23-Sep-97	HT-13	16379	62,580	31.29	1,496.98				
23-Sep-97	HT-13	16388	66,120	33.06	1,530.04				
23-Sep-97	HT-13	16397	60,000	30.00	1,560.04				
23-Sep-97	HT-13	16406	59,640	29.82	1,589.86				
23-Sep-97	HT-13	16414	60,020	30.01	1,619.87				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
23-Sep-97	HT-13	16428	59,000	29.50	1,649.37				
23-Sep-97	HT-13	16437	61,960	30.98	1,680.35				
23-Sep-97	HT-13	16446	56,360	28.18	1,708.53				
23-Sep-97	HT-13	16455	60,760	30.38	1,738.91				
23-Sep-97	HT-13	16463	60,000	30.00	1,768.91				
23-Sep-97	HT-13	16471	61,360	30.68	1,799.59				
23-Sep-97	HT-13	16480	58,400	29.20	1,828.79				
23-Sep-97	HT-13	16489	58,280	29.14	1,857.93				
23-Sep-97	HT-13	16498	58,360	29.18	1,887.11				
23-Sep-97	HT-13	16507	56,120	28.06	1,915.17				
23-Sep-97	HT-13	16516	58,640	29.32	1,944.49				
23-Sep-97	HT-13	16525	57,840	28.92	1,973.41	537.42	18		
23-Sep-97	HT-14	16364	46,200	23.10	1,996.51				
23-Sep-97	HT-14	16374	47,120	23.56	2,020.07				
23-Sep-97	HT-14	16383	48,580	24.29	2,044.36				
23-Sep-97	HT-14	16392	44,300	22.15	2,066.51				
23-Sep-97	HT-14	16401	44,440	22.22	2,088.73				
23-Sep-97	HT-14	16410	43,180	21.59	2,110.32				
23-Sep-97	HT-14	16418	44,580	22.29	2,132.61				
23-Sep-97	HT-14	16425	45,160	22.58	2,155.19				
23-Sep-97	HT-14	16434	44,080	22.04	2,177.23				
23-Sep-97	HT-14	16443	44,560	22.28	2,199.51				
23-Sep-97	HT-14	16454	44,720	22.36	2,221.87				
23-Sep-97	HT-14	16462	41,380	20.69	2,242.56				
23-Sep-97	HT-14	16472	46,340	23.17	2,265.73				
23-Sep-97	HT-14	16481	45,220	22.61	2,288.34				
23-Sep-97	HT-14	16490	46,720	23.36	2,311.70				
23-Sep-97	HT-14	16499	46,080	23.04	2,334.74				
23-Sep-97	HT-14	16508	44,000	22.00	2,356.74				
23-Sep-97	HT-14	16517	45,220	22.61	2,379.35				
23-Sep-97	HT-14	16526	42,300	21.15	2,400.50	427.09	18		
23-Sep-97	HT-17	16369	60,800	30.40	2,430.90				
23-Sep-97	HT-17	16377	58,960	29.48	2,460.38				
23-Sep-97	HT-17	16386	62,340	31.17	2,491.55				
23-Sep-97	HT-17	16396	64,140	32.07	2,523.62				
23-Sep-97	HT-17	16405	58,740	29.37	2,552.99				
23-Sep-97	HT-17	16554	58,600	29.30	2,582.29				
23-Sep-97	HT-17	16426	59,220	29.61	2,611.90				
23-Sep-97	HT-17	16435	59,180	29.59	2,641.49				
23-Sep-97	HT-17	16444	58,640	29.32	2,670.81				
23-Sep-97	HT-17	16452	61,200	30.60	2,701.41				
23-Sep-97	HT-17	16468	62,660	31.33	2,732.74				
23-Sep-97	HT-17	16475	62,220	31.11	2,763.85				
23-Sep-97	HT-17	16488	57,600	28.80	2,792.65				
23-Sep-97	HT-17	16497	61,320	30.66	2,823.31				
23-Sep-97	HT-17	16506	60,240	30.12	2,853.43				
23-Sep-97	HT-17	16515	57,740	28.87	2,882.30				
23-Sep-97	HT-17	16524	55,820	27.91	2,910.21	509.71	17		
23-Sep-97	HT-18	16363	44,640	22.32	2,932.53				
23-Sep-97	HT-18	16372	47,280	23.64	2,956.17				
23-Sep-97	HT-18	16381	47,360	23.68	2,979.85				
23-Sep-97	HT-18	16389	50,260	25.13	3,004.98				
23-Sep-97	HT-18	16399	41,840	20.92	3,025.90				
23-Sep-97	HT-18	16408	46,220	23.11	3,049.01				
23-Sep-97	HT-18	16416	42,220	21.11	3,070.12				
23-Sep-97	HT-18	16423	43,040	21.52	3,091.64				
23-Sep-97	HT-18	16432	45,620	22.81	3,114.45				
23-Sep-97	HT-18	16440	45,080	22.54	3,136.99				
23-Sep-97	HT-18	16448	46,220	23.11	3,160.10				
23-Sep-97	HT-18	16457	47,000	23.50	3,183.60				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
23-Sep-97	HT-18	16465	47,460	23.73	3,207.33				
23-Sep-97	HT-18	16476	41,640	20.82	3,228.15				
23-Sep-97	HT-18	16483	43,920	21.96	3,250.11				
23-Sep-97	HT-18	16492	47,020	23.51	3,273.62				
23-Sep-97	HT-18	16501	49,340	24.67	3,298.29				
23-Sep-97	HT-18	16510	45,080	22.54	3,320.83				
23-Sep-97	HT-18	16519	47,300	23.65	3,344.48				
23-Sep-97	HT-18	16528	45,020	22.51	3,366.99	456.78	20		
23-Sep-97	HT-19	16365	48,060	24.03	3,391.02				
23-Sep-97	HT-19	16373	47,920	23.96	3,414.98				
23-Sep-97	HT-19	16382	50,460	25.23	3,440.21				
23-Sep-97	HT-19	16391	46,120	23.06	3,463.27				
23-Sep-97	HT-19	16400	44,640	22.32	3,485.59				
23-Sep-97	HT-19	16409	44,100	22.05	3,507.64				
23-Sep-97	HT-19	16417	45,360	22.68	3,530.32				
23-Sep-97	HT-19	16424	43,620	21.81	3,552.13				
23-Sep-97	HT-19	16433	45,380	22.69	3,574.82				
23-Sep-97	HT-19	16442	43,660	21.83	3,596.65				
23-Sep-97	HT-19	16450	49,260	24.63	3,621.28				
23-Sep-97	HT-19	16459	49,360	24.68	3,645.96				
23-Sep-97	HT-19	16467	44,340	22.17	3,668.13				
23-Sep-97	HT-19	16473	48,060	24.03	3,692.16				
23-Sep-97	HT-19	16482	38,640	19.32	3,711.48				
23-Sep-97	HT-19	16491	47,240	23.62	3,735.10				
23-Sep-97	HT-19	16500	47,480	23.74	3,758.84				
23-Sep-97	HT-19	16509	45,500	22.75	3,781.59				
23-Sep-97	HT-19	16518	47,060	23.53	3,805.12				
23-Sep-97	HT-19	16527	43,900	21.95	3,827.07	460.08	20		
23-Sep-97	HT-20	16368	61,480	30.74	3,857.81				
23-Sep-97	HT-20	16380	63,560	31.78	3,889.59				
23-Sep-97	HT-20	16390	57,600	28.80	3,918.39				
23-Sep-97	HT-20	16398	60,740	30.37	3,948.76				
23-Sep-97	HT-20	16407	56,080	28.04	3,976.80				
23-Sep-97	HT-20	16415	57,600	28.80	4,005.60				
23-Sep-97	HT-20	16422	60,920	30.46	4,036.06				
23-Sep-97	HT-20	16431	58,980	29.49	4,065.55				
23-Sep-97	HT-20	16441	57,620	28.81	4,094.36				
23-Sep-97	HT-20	16449	60,660	30.33	4,124.69				
23-Sep-97	HT-20	16458	60,620	30.31	4,155.00				
23-Sep-97	HT-20	16466	60,280	30.14	4,185.14				
23-Sep-97	HT-20	16474	61,660	30.83	4,215.97				
23-Sep-97	HT-20	16485	61,820	30.91	4,246.88				
23-Sep-97	HT-20	16494	59,940	29.97	4,276.85				
23-Sep-97	HT-20	16503	59,120	29.56	4,306.41				
23-Sep-97	HT-20	16512	58,720	29.36	4,335.77				
23-Sep-97	HT-20	16521	58,780	29.39	4,365.16				
23-Sep-97	HT-20	16530	58,780	29.39	4,394.55	567.48	19		
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24-Sep-97	HT-01	16533	44,420	22.21	22.21				
24-Sep-97	HT-01	16539	44,720	22.36	44.57				
24-Sep-97	HT-01	16545	46,180	23.09	67.66				
24-Sep-97	HT-01	16550	47,760	23.88	91.54				
24-Sep-97	HT-01	16552	46,980	23.49	115.03				
24-Sep-97	HT-01	16562	46,440	23.22	138.25				
24-Sep-97	HT-01	16569	46,340	23.17	161.42				
24-Sep-97	HT-01	16575	47,080	23.54	184.96				
24-Sep-97	HT-01	16583	45,920	22.96	207.92				
24-Sep-97	HT-01	16591	47,860	23.93	231.85				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
24-Sep-97	HT-01	16599	46,200	23.10	254.95				
24-Sep-97	HT-01	16607	45,740	22.87	277.82				
24-Sep-97	HT-01	16615	44,220	22.11	299.93				
24-Sep-97	HT-01	16623	46,840	23.42	323.35				
24-Sep-97	HT-01	16650	45,460	22.73	346.08				
24-Sep-97	HT-01	16658	44,800	22.40	368.48				
24-Sep-97	HT-01	16666	46,060	23.03	391.51				
24-Sep-97	HT-01	16674	46,040	23.02	414.53	414.53	18		
24-Sep-97	HT-10	16551	59,120	29.56	444.09				
24-Sep-97	HT-10	16559	58,120	29.06	473.15				
24-Sep-97	HT-10	16566	60,140	30.07	503.22				
24-Sep-97	HT-10	16801	57,040	28.52	531.74				
24-Sep-97	HT-10	16579	59,420	29.71	561.45				
24-Sep-97	HT-10	16587	57,980	28.99	590.44				
24-Sep-97	HT-10	16595	57,220	28.61	619.05				
24-Sep-97	HT-10	16603	57,360	28.68	647.73				
24-Sep-97	HT-10	16611	56,500	28.25	675.98				
24-Sep-97	HT-10	16619	58,320	29.16	705.14				
24-Sep-97	HT-10	16627	56,600	28.30	733.44				
24-Sep-97	HT-10	16634	58,560	29.28	762.72				
24-Sep-97	HT-10	16646	57,020	28.51	791.23				
24-Sep-97	HT-10	16654	55,800	27.90	819.13				
24-Sep-97	HT-10	16665	55,620	27.81	846.94				
24-Sep-97	HT-10	16673	57,380	28.69	875.63	461.10	16		
24-Sep-97	HT-12	16538	47,060	23.53	899.16				
24-Sep-97	HT-12	16544	46,660	23.33	922.49				
24-Sep-97	HT-12	16558	46,740	23.37	945.86				
24-Sep-97	HT-12	16565	46,140	23.07	968.93				
24-Sep-97	HT-12	16572	46,720	23.36	992.29				
24-Sep-97	HT-12	16578	45,580	22.79	1,015.08				
24-Sep-97	HT-12	16586	45,320	22.66	1,037.74				
24-Sep-97	HT-12	16594	45,820	22.91	1,060.65				
24-Sep-97	HT-12	16602	45,580	22.79	1,083.44				
24-Sep-97	HT-12	16610	44,200	22.10	1,105.54				
24-Sep-97	HT-12	16618	43,040	21.52	1,127.06				
24-Sep-97	HT-12	16626	46,140	23.07	1,150.13				
24-Sep-97	HT-12	16633	44,240	22.12	1,172.25				
24-Sep-97	HT-12	16639	44,280	22.14	1,194.39				
24-Sep-97	HT-12	16645	45,980	22.99	1,217.38				
24-Sep-97	HT-12	16653	46,180	23.09	1,240.47				
24-Sep-97	HT-12	16661	42,720	21.36	1,261.83				
24-Sep-97	HT-12	16669	45,440	22.72	1,284.55				
24-Sep-97	HT-12	16677	42,600	21.30	1,305.85	430.22	19		
24-Sep-97	HT-13	16536	58,040	29.02	1,334.87				
24-Sep-97	HT-13	16542	59,740	29.87	1,364.74				
24-Sep-97	HT-13	16548	58,260	29.13	1,393.87				
24-Sep-97	HT-13	16556	58,260	29.13	1,423.00				
24-Sep-97	HT-13	16563	57,580	28.79	1,451.79				
24-Sep-97	HT-13	16570	57,940	28.97	1,480.76				
24-Sep-97	HT-13	16576	58,360	29.18	1,509.94				
24-Sep-97	HT-13	16584	54,400	27.20	1,537.14				
24-Sep-97	HT-13	16592	55,800	27.90	1,565.04				
24-Sep-97	HT-13	16600	57,120	28.56	1,593.60				
24-Sep-97	HT-13	16608	56,320	28.16	1,621.76				
24-Sep-97	HT-13	16616	55,120	27.56	1,649.32				
24-Sep-97	HT-13	16624	55,440	27.72	1,677.04				
24-Sep-97	HT-13	16631	55,360	27.68	1,704.72				
24-Sep-97	HT-13	16640	55,520	27.76	1,732.48				
24-Sep-97	HT-13	16647	55,900	27.95	1,760.43				
24-Sep-97	HT-13	16655	58,360	29.18	1,789.61				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
24-Sep-97	HT-13	16662	53,540	26.77	1,816.38				
24-Sep-97	HT-13	16670	59,960	29.98	1,846.36	540.51	19		
24-Sep-97	HT-14	16580	48,740	24.37	1,870.73				
24-Sep-97	HT-14	16588	47,180	23.59	1,894.32				
24-Sep-97	HT-14	16596	47,100	23.55	1,917.87				
24-Sep-97	HT-14	16604	44,640	22.32	1,940.19				
24-Sep-97	HT-14	16612	45,640	22.82	1,963.01				
24-Sep-97	HT-14	16620	46,440	23.22	1,986.23				
24-Sep-97	HT-14	16628	45,780	22.89	2,009.12				
24-Sep-97	HT-14	16635	44,320	22.16	2,031.28				
24-Sep-97	HT-14	16641	43,640	21.82	2,053.10				
24-Sep-97	HT-14	16648	46,960	23.48	2,076.58				
24-Sep-97	HT-14	16656	45,280	22.64	2,099.22				
24-Sep-97	HT-14	16663	45,080	22.54	2,121.76				
24-Sep-97	HT-14	16671	45,460	22.73	2,144.49	298.13	13		
24-Sep-97	HT-17	16535	58,400	29.20	2,173.69				
24-Sep-97	HT-17	16541	61,040	30.52	2,204.21				
24-Sep-97	HT-17	16547	56,440	28.22	2,232.43				
24-Sep-97	HT-17	16555	59,240	29.62	2,262.05				
24-Sep-97	HT-17	16561	58,220	29.11	2,291.16				
24-Sep-97	HT-17	16568	61,080	30.54	2,321.70				
24-Sep-97	HT-17	16574	54,640	27.32	2,349.02				
24-Sep-97	HT-17	16582	56,580	28.29	2,377.31				
24-Sep-97	HT-17	16590	57,180	28.59	2,405.90				
24-Sep-97	HT-17	16598	57,560	28.78	2,434.68				
24-Sep-97	HT-17	16606	59,840	29.92	2,464.60				
24-Sep-97	HT-17	16614	57,340	28.67	2,493.27				
24-Sep-97	HT-17	16622	55,780	27.89	2,521.16				
24-Sep-97	HT-17	16630	57,160	28.58	2,549.74				
24-Sep-97	HT-17	16637	55,780	27.89	2,577.63				
24-Sep-97	HT-17	16643	56,100	28.05	2,605.68				
24-Sep-97	HT-17	16651	55,860	27.93	2,633.61				
24-Sep-97	HT-17	16659	56,340	28.17	2,661.78				
24-Sep-97	HT-17	16667	58,000	29.00	2,690.78				
24-Sep-97	HT-17	16675	58,500	29.25	2,720.03	575.54	20		
24-Sep-97	HT-19	16537	49,200	24.60	2,744.63				
24-Sep-97	HT-19	16543	48,920	24.46	2,769.09				
24-Sep-97	HT-19	16549	49,320	24.66	2,793.75				
24-Sep-97	HT-19	16557	47,700	23.85	2,817.60				
24-Sep-97	HT-19	16564	48,060	24.03	2,841.63				
24-Sep-97	HT-19	16571	47,680	23.84	2,865.47				
24-Sep-97	HT-19	16577	48,660	24.33	2,889.80				
24-Sep-97	HT-19	16585	47,540	23.77	2,913.57				
24-Sep-97	HT-19	16593	48,920	24.46	2,938.03				
24-Sep-97	HT-19	16601	46,220	23.11	2,961.14				
24-Sep-97	HT-19	16609	46,020	23.01	2,984.15				
24-Sep-97	HT-19	16617	46,300	23.15	3,007.30				
24-Sep-97	HT-19	16625	47,980	23.99	3,031.29				
24-Sep-97	HT-19	16632	47,440	23.72	3,055.01				
24-Sep-97	HT-19	16638	47,720	23.86	3,078.87				
24-Sep-97	HT-19	16644	45,100	22.55	3,101.42				
24-Sep-97	HT-19	16652	40,940	20.47	3,121.89				
24-Sep-97	HT-19	16660	41,860	20.93	3,142.82				
24-Sep-97	HT-19	16668	44,400	22.20	3,165.02				
24-Sep-97	HT-19	16676	47,640	23.82	3,188.84	468.81	20		
24-Sep-97	HT-20	16534	60,080	30.04	3,218.88				
24-Sep-97	HT-20	16540	60,080	30.04	3,248.92				
24-Sep-97	HT-20	16546	58,020	29.01	3,277.93				
24-Sep-97	HT-20	16553	58,960	29.48	3,307.41				
24-Sep-97	HT-20	16560	58,720	29.36	3,336.77				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
24-Sep-97	HT-20	16567	61,760	30.88	3,367.65				
24-Sep-97	HT-20	16573	59,720	29.86	3,397.51				
24-Sep-97	HT-20	16581	58,360	29.18	3,426.69				
24-Sep-97	HT-20	16589	60,900	30.45	3,457.14				
24-Sep-97	HT-20	16597	57,520	28.76	3,485.90				
24-Sep-97	HT-20	16605	56,420	28.21	3,514.11				
24-Sep-97	HT-20	16613	46,960	23.48	3,537.59				
24-Sep-97	HT-20	16621	56,540	28.27	3,565.86				
24-Sep-97	HT-20	16629	57,900	28.95	3,594.81				
24-Sep-97	HT-20	16636	55,460	27.73	3,622.54				
24-Sep-97	HT-20	16642	56,940	28.47	3,651.01				
24-Sep-97	HT-20	16649	55,980	27.99	3,679.00				
24-Sep-97	HT-20	16657	56,720	28.36	3,707.36				
24-Sep-97	HT-20	16664	57,260	28.63	3,735.99				
24-Sep-97	HT-20	16672	58,120	29.06	3,765.05	576.21	20		
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25-Sep-97	HT-01	16685	45,220	22.61	22.61				
25-Sep-97	HT-01	16693	46,380	23.19	45.80				
25-Sep-97	HT-01	16702	46,500	23.25	69.05				
25-Sep-97	HT-01	16711	48,320	24.16	93.21				
25-Sep-97	HT-01	16720	45,360	22.68	115.89				
25-Sep-97	HT-01	16729	45,320	22.66	138.55				
25-Sep-97	HT-01	16738	48,020	24.01	162.56				
25-Sep-97	HT-01	16747	47,020	23.51	186.07				
25-Sep-97	HT-01	16756	45,440	22.72	208.79				
25-Sep-97	HT-01	16765	44,940	22.47	231.26				
25-Sep-97	HT-01	16776	44,480	22.24	253.50				
25-Sep-97	HT-01	16785	43,780	21.89	275.39				
25-Sep-97	HT-01	16794	43,500	21.75	297.14				
25-Sep-97	HT-01	16803	41,560	20.78	317.92	317.92	14		
25-Sep-97	HT-10	16684	55,820	27.91	345.83				
25-Sep-97	HT-10	16692	57,500	28.75	374.58				
25-Sep-97	HT-10	16699	59,780	29.89	404.47				
25-Sep-97	HT-10	16708	51,680	25.84	430.31				
25-Sep-97	HT-10	16717	55,600	27.80	458.11				
25-Sep-97	HT-10	16726	54,680	27.34	485.45				
25-Sep-97	HT-10	16735	58,320	29.16	514.61				
25-Sep-97	HT-10	16744	55,680	27.84	542.45				
25-Sep-97	HT-10	16752	58,680	29.34	571.79				
25-Sep-97	HT-10	16761	56,740	28.37	600.16				
25-Sep-97	HT-10	16770	56,820	28.41	628.57				
25-Sep-97	HT-10	16778	56,840	28.42	656.99				
25-Sep-97	HT-10	16787	57,060	28.53	685.52				
25-Sep-97	HT-10	16796	54,080	27.04	712.56				
25-Sep-97	HT-10	16813	55,300	27.65	740.21	422.29	15		
25-Sep-97	HT-12	16683	46,260	23.13	763.34				
25-Sep-97	HT-12	16691	44,020	22.01	785.35				
25-Sep-97	HT-12	16701	45,220	22.61	807.96				
25-Sep-97	HT-12	16710	43,240	21.62	829.58				
25-Sep-97	HT-12	16719	44,020	22.01	851.59				
25-Sep-97	HT-12	16728	45,640	22.82	874.41				
25-Sep-97	HT-12	16737	46,740	23.37	897.78				
25-Sep-97	HT-12	16746	42,240	21.12	918.90				
25-Sep-97	HT-12	16755	44,280	22.14	941.04				
25-Sep-97	HT-12	16764	43,260	21.63	962.67				
25-Sep-97	HT-12	16773	45,460	22.73	985.40				
25-Sep-97	HT-12	16781	44,220	22.11	1,007.51				
25-Sep-97	HT-12	16790	45,820	22.91	1,030.42				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
25-Sep-97	HT-12	16799	45,140	22.57	1,052.99				
25-Sep-97	HT-12	16808	44,040	22.02	1,075.01				
25-Sep-97	HT-12	16816	44,080	22.04	1,097.05				
25-Sep-97	HT-12	16823	43,960	21.98	1,119.03	378.82	17		
25-Sep-97	HT-13	16824	55,600	27.80	1,146.83				
25-Sep-97	HT-13	16817	54,640	27.32	1,174.15				
25-Sep-97	HT-13	16809	56,540	28.27	1,202.42				
25-Sep-97	HT-13	16800	56,820	28.41	1,230.83				
25-Sep-97	HT-13	16791	53,780	26.89	1,257.72				
25-Sep-97	HT-13	16782	55,060	27.53	1,285.25				
25-Sep-97	HT-13	16768	55,760	27.88	1,313.13				
25-Sep-97	HT-13	16759	53,760	26.88	1,340.01				
25-Sep-97	HT-13	16749	55,360	27.68	1,367.69				
25-Sep-97	HT-13	16740	58,360	29.18	1,396.87				
25-Sep-97	HT-13	16731	59,360	29.68	1,426.55				
25-Sep-97	HT-13	16722	59,360	29.68	1,456.23				
25-Sep-97	HT-13	16714	58,600	29.30	1,485.53				
25-Sep-97	HT-13	16704	58,760	29.38	1,514.91				
25-Sep-97	HT-13	16694	59,480	29.74	1,544.65	425.62	15		
25-Sep-97	HT-14	16679	46,200	23.10	1,567.75				
25-Sep-97	HT-14	16687	45,360	22.68	1,590.43				
25-Sep-97	HT-14	16696	44,300	22.15	1,612.58				
25-Sep-97	HT-14	16705	47,260	23.63	1,636.21				
25-Sep-97	HT-14	16713	48,380	24.19	1,660.40				
25-Sep-97	HT-14	16723	42,620	21.31	1,681.71				
25-Sep-97	HT-14	16732	47,720	23.86	1,705.57				
25-Sep-97	HT-14	16741	46,500	23.25	1,728.82				
25-Sep-97	HT-14	16750	43,780	21.89	1,750.71				
25-Sep-97	HT-14	16758	42,080	21.04	1,771.75				
25-Sep-97	HT-14	16767	41,000	20.50	1,792.25				
25-Sep-97	HT-14	16775	43,300	21.65	1,813.90				
25-Sep-97	HT-14	16784	45,220	22.61	1,836.51				
25-Sep-97	HT-14	16793	41,560	20.78	1,857.29				
25-Sep-97	HT-14	16811	42,100	21.05	1,878.34				
25-Sep-97	HT-14	16819	43,100	21.55	1,899.89	355.24	16		
25-Sep-97	HT-17	16821	56,300	28.15	1,928.04				
25-Sep-97	HT-17	16814	53,720	26.86	1,954.90				
25-Sep-97	HT-17	16806	57,040	28.52	1,983.42				
25-Sep-97	HT-17	16797	56,200	28.10	2,011.52				
25-Sep-97	HT-17	16788	57,780	28.89	2,040.41				
25-Sep-97	HT-17	16779	55,780	27.89	2,068.30				
25-Sep-97	HT-17	16771	57,360	28.68	2,096.98				
25-Sep-97	HT-17	16762	56,140	28.07	2,125.05				
25-Sep-97	HT-17	16753	55,220	27.61	2,152.66				
25-Sep-97	HT-17	16743	58,280	29.14	2,181.80				
25-Sep-97	HT-17	16734	59,620	29.81	2,211.61				
25-Sep-97	HT-17	16725	58,560	29.28	2,240.89				
25-Sep-97	HT-17	16716	56,440	28.22	2,269.11				
25-Sep-97	HT-17	16707	59,620	29.81	2,298.92				
25-Sep-97	HT-17	16698	57,600	28.80	2,327.72				
25-Sep-97	HT-17	16689	60,700	30.35	2,358.07				
25-Sep-97	HT-17	16681	57,480	28.74	2,386.81	486.92	17		
25-Sep-97	HT-18	16678	48,260	24.13	2,410.94				
25-Sep-97	HT-18	16686	45,360	22.68	2,433.62				
25-Sep-97	HT-18	16695	46,340	23.17	2,456.79				
25-Sep-97	HT-18	16703	46,480	23.24	2,480.03				
25-Sep-97	HT-18	16712	45,120	22.56	2,502.59				
25-Sep-97	HT-18	16721	44,300	22.15	2,524.74				
25-Sep-97	HT-18	16730	46,500	23.25	2,547.99				
25-Sep-97	HT-18	16739	46,840	23.42	2,571.41				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
25-Sep-97	HT-18	16748	43,720	21.86	2,593.27				
25-Sep-97	HT-18	16757	44,980	22.49	2,615.76				
25-Sep-97	HT-18	16766	44,680	22.34	2,638.10				
25-Sep-97	HT-18	16774	45,020	22.51	2,660.61				
25-Sep-97	HT-18	16783	47,480	23.74	2,684.35				
25-Sep-97	HT-18	16792	44,720	22.36	2,706.71				
25-Sep-97	HT-18	16802	44,340	22.17	2,728.88				
25-Sep-97	HT-18	16810	43,520	21.76	2,750.64				
25-Sep-97	HT-18	16818	46,400	23.20	2,773.84	387.03	17		
25-Sep-97	HT-19	16680	44,340	22.17	2,796.01				
25-Sep-97	HT-19	16688	47,740	23.87	2,819.88				
25-Sep-97	HT-19	16697	46,660	23.33	2,843.21				
25-Sep-97	HT-19	16706	48,520	24.26	2,867.47				
25-Sep-97	HT-19	16715	45,360	22.68	2,890.15				
25-Sep-97	HT-19	16724	45,860	22.93	2,913.08				
25-Sep-97	HT-19	16733	47,580	23.79	2,936.87				
25-Sep-97	HT-19	16742	46,080	23.04	2,959.91				
25-Sep-97	HT-19	16751	44,000	22.00	2,981.91				
25-Sep-97	HT-19	16760	45,300	22.65	3,004.56				
25-Sep-97	HT-19	16769	44,340	22.17	3,026.73				
25-Sep-97	HT-19	16777	47,060	23.53	3,050.26				
25-Sep-97	HT-19	16786	45,340	22.67	3,072.93				
25-Sep-97	HT-19	16795	44,180	22.09	3,095.02				
25-Sep-97	HT-19	16804	42,560	21.28	3,116.30				
25-Sep-97	HT-19	16812	45,740	22.87	3,139.17				
25-Sep-97	HT-19	16820	47,100	23.55	3,162.72	388.88	17		
25-Sep-97	HT-20	16682	63,140	31.57	3,194.29				
25-Sep-97	HT-20	16690	57,320	28.66	3,222.95				
25-Sep-97	HT-20	16700	56,620	28.31	3,251.26				
25-Sep-97	HT-20	16709	56,340	28.17	3,279.43				
25-Sep-97	HT-20	16718	56,640	28.32	3,307.75				
25-Sep-97	HT-20	16727	56,240	28.12	3,335.87				
25-Sep-97	HT-20	16736	56,800	28.40	3,364.27				
25-Sep-97	HT-20	16745	57,060	28.53	3,392.80				
25-Sep-97	HT-20	16754	54,560	27.28	3,420.08				
25-Sep-97	HT-20	16763	54,720	27.36	3,447.44				
25-Sep-97	HT-20	16772	53,920	26.96	3,474.40				
25-Sep-97	HT-20	16780	55,280	27.64	3,502.04				
25-Sep-97	HT-20	16789	53,540	26.77	3,528.81				
25-Sep-97	HT-20	16789	57,440	28.72	3,557.53				
25-Sep-97	HT-20	16805	56,920	28.46	3,585.99				
25-Sep-97	HT-20	16807	51,860	25.93	3,611.92				
25-Sep-97	HT-20	16815	54,940	27.47	3,639.39				
25-Sep-97	HT-20	16822	55,820	27.91	3,667.30	504.58	18		
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26-Sep-97	HT-10	16825	55,840	27.92	27.92				
26-Sep-97	HT-10	16832	59,800	29.90	57.82				
26-Sep-97	HT-10	16480	58,540	29.27	87.09				
26-Sep-97	HT-10	16848	59,020	29.51	116.60				
26-Sep-97	HT-10	16856	59,040	29.52	146.12				
26-Sep-97	HT-10	16864	60,560	30.28	176.40				
26-Sep-97	HT-10	16872	57,240	28.62	205.02				
26-Sep-97	HT-10	16879	57,600	28.80	233.82				
26-Sep-97	HT-10	16887	57,420	28.71	262.53				
26-Sep-97	HT-10	16895	60,200	30.10	292.63				
26-Sep-97	HT-10	16903	57,060	28.53	321.16				
26-Sep-97	HT-10	16911	56,340	28.17	349.33				
26-Sep-97	HT-10	16919	56,200	28.10	377.43				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
26-Sep-97	HT-10	16927	51,680	25.84	403.27				
26-Sep-97	HT-10	16935	58,360	29.18	432.45				
26-Sep-97	HT-10	16943	55,860	27.93	460.38				
26-Sep-97	HT-10	16951	56,780	28.39	488.77	488.77	17		
26-Sep-97	HT-12	16828	46,280	23.14	511.91				
26-Sep-97	HT-12	16834	48,780	24.39	536.30				
26-Sep-97	HT-12	16842	48,980	24.49	560.79				
26-Sep-97	HT-12	16850	48,300	24.15	584.94				
26-Sep-97	HT-12	16858	49,000	24.50	609.44				
26-Sep-97	HT-12	16866	49,280	24.64	634.08				
26-Sep-97	HT-12	16874	44,260	22.13	656.21				
26-Sep-97	HT-12	16881	43,880	21.94	678.15				
26-Sep-97	HT-12	16889	47,080	23.54	701.69				
26-Sep-97	HT-12	16897	43,880	21.94	723.63				
26-Sep-97	HT-12	16905	43,700	21.85	745.48				
26-Sep-97	HT-12	16913	44,820	22.41	767.89				
26-Sep-97	HT-12	16921	44,440	22.22	790.11				
26-Sep-97	HT-12	16929	45,240	22.62	812.73				
26-Sep-97	HT-12	16937	46,200	23.10	835.83				
26-Sep-97	HT-12	16945	45,900	22.95	858.78	370.01	16		
26-Sep-97	HT-13	16827	56,560	28.28	887.06				
26-Sep-97	HT-13	16835	59,820	29.91	916.97				
26-Sep-97	HT-13	16843	56,500	28.25	945.22				
26-Sep-97	HT-13	16852	59,700	29.85	975.07				
26-Sep-97	HT-13	16860	61,740	30.87	1,005.94				
26-Sep-97	HT-13	16868	59,160	29.58	1,035.52				
26-Sep-97	HT-13	16878	56,180	28.09	1,063.61				
26-Sep-97	HT-13	16886	57,840	28.92	1,092.53				
26-Sep-97	HT-13	16894	56,600	28.30	1,120.83				
26-Sep-97	HT-13	16902	57,520	28.76	1,149.59				
26-Sep-97	HT-13	16910	57,460	28.73	1,178.32				
26-Sep-97	HT-13	16918	54,640	27.32	1,205.64				
26-Sep-97	HT-13	16926	56,100	28.05	1,233.69				
26-Sep-97	HT-13	16934	57,220	28.61	1,262.30				
26-Sep-97	HT-13	16942	56,880	28.44	1,290.74				
26-Sep-97	HT-13	16950	51,760	25.88	1,316.62	457.84	16		
26-Sep-97	HT-14	16831	50,320	25.16	1,341.78				
26-Sep-97	HT-14	16838	48,280	24.14	1,365.92				
26-Sep-97	HT-14	16846	47,520	23.76	1,389.68				
26-Sep-97	HT-14	16854	46,880	23.44	1,413.12				
26-Sep-97	HT-14	16862	49,000	24.50	1,437.62				
26-Sep-97	HT-14	16870	44,260	22.13	1,459.75				
26-Sep-97	HT-14	16877	45,740	22.87	1,482.62				
26-Sep-97	HT-14	16885	45,100	22.55	1,505.17				
26-Sep-97	HT-14	16892	46,220	23.11	1,528.28				
26-Sep-97	HT-14	16900	47,120	23.56	1,551.84				
26-Sep-97	HT-14	16908	45,980	22.99	1,574.83				
26-Sep-97	HT-14	16916	43,940	21.97	1,596.80				
26-Sep-97	HT-14	16924	45,520	22.76	1,619.56				
26-Sep-97	HT-14	16932	45,760	22.88	1,642.44				
26-Sep-97	HT-14	16940	46,820	23.41	1,665.85				
26-Sep-97	HT-14	16948	43,360	21.68	1,687.53	370.91	16		
26-Sep-97	HT-17	16826	59,140	29.57	1,717.10				
26-Sep-97	HT-17	16833	63,580	31.79	1,748.89				
26-Sep-97	HT-17	16841	62,940	31.47	1,780.36				
26-Sep-97	HT-17	16849	62,020	31.01	1,811.37				
26-Sep-97	HT-17	16857	59,080	29.54	1,840.91				
26-Sep-97	HT-17	16865	64,560	32.28	1,873.19				
26-Sep-97	HT-17	16873	58,720	29.36	1,902.55				
26-Sep-97	HT-17	16880	58,100	29.05	1,931.60				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
26-Sep-97	HT-17	16888	56,060	28.03	1,959.63				
26-Sep-97	HT-17	16896	56,580	28.29	1,987.92				
26-Sep-97	HT-17	16904	57,040	28.52	2,016.44				
26-Sep-97	HT-17	16912	56,940	28.47	2,044.91				
26-Sep-97	HT-17	16920	58,000	29.00	2,073.91				
26-Sep-97	HT-17	16928	57,120	28.56	2,102.47				
26-Sep-97	HT-17	16936	56,040	28.02	2,130.49				
26-Sep-97	HT-17	16944	57,080	28.54	2,159.03	471.50	16		
26-Sep-97	HT-18	16829	45,360	22.68	2,181.71				
26-Sep-97	HT-18	16836	48,160	24.08	2,205.79				
26-Sep-97	HT-18	16844	47,500	23.75	2,229.54				
26-Sep-97	HT-18	16851	48,360	24.18	2,253.72				
26-Sep-97	HT-18	16859	49,420	24.71	2,278.43				
26-Sep-97	HT-18	16867	46,840	23.42	2,301.85				
26-Sep-97	HT-18	16875	47,300	23.65	2,325.50				
26-Sep-97	HT-18	16883	46,260	23.13	2,348.63				
26-Sep-97	HT-18	16893	46,400	23.20	2,371.83				
26-Sep-97	HT-18	16901	41,960	20.98	2,392.81				
26-Sep-97	HT-18	16909	48,240	24.12	2,416.93				
26-Sep-97	HT-18	16917	46,020	23.01	2,439.94				
26-Sep-97	HT-18	16925	48,200	24.10	2,464.04				
26-Sep-97	HT-18	16933	48,160	24.08	2,488.12				
26-Sep-97	HT-18	16941	45,640	22.82	2,510.94				
26-Sep-97	HT-18	16949	46,120	23.06	2,534.00	374.97	16		
26-Sep-97	HT-19	16830	46,220	23.11	2,557.11				
26-Sep-97	HT-19	16837	49,580	24.79	2,581.90				
26-Sep-97	HT-19	16845	47,580	23.79	2,605.69				
26-Sep-97	HT-19	16853	48,440	24.22	2,629.91				
26-Sep-97	HT-19	16861	49,300	24.65	2,654.56				
26-Sep-97	HT-19	16869	48,100	24.05	2,678.61				
26-Sep-97	HT-19	16876	48,140	24.07	2,702.68				
26-Sep-97	HT-19	16884	47,140	23.57	2,726.25				
26-Sep-97	HT-19	16891	48,340	24.17	2,750.42				
26-Sep-97	HT-19	16899	48,180	24.09	2,774.51				
26-Sep-97	HT-19	16907	46,480	23.24	2,797.75				
26-Sep-97	HT-19	16915	45,420	22.71	2,820.46				
26-Sep-97	HT-19	16923	46,980	23.49	2,843.95				
26-Sep-97	HT-19	16931	47,140	23.57	2,867.52				
26-Sep-97	HT-19	16939	47,840	23.92	2,891.44				
26-Sep-97	HT-19	16947	46,100	23.05	2,914.49	380.49	16		
26-Sep-97	HT-20	16839	60,580	30.29	2,944.78				
26-Sep-97	HT-20	16847	62,080	31.04	2,975.82				
26-Sep-97	HT-20	16855	61,080	30.54	3,006.36				
26-Sep-97	HT-20	16863	59,900	29.95	3,036.31				
26-Sep-97	HT-20	16871	60,580	30.29	3,066.60				
26-Sep-97	HT-20	16882	60,520	30.26	3,096.86				
26-Sep-97	HT-20	16890	57,340	28.67	3,125.53				
26-Sep-97	HT-20	16896	59,560	29.78	3,155.31				
26-Sep-97	HT-20	16906	60,700	30.35	3,185.66				
26-Sep-97	HT-20	16914	56,840	28.42	3,214.08				
26-Sep-97	HT-20	16922	57,380	28.69	3,242.77				
26-Sep-97	HT-20	16930	55,520	27.76	3,270.53				
26-Sep-97	HT-20	16938	55,720	27.86	3,298.39				
26-Sep-97	HT-20	16946	55,380	27.69	3,326.08	411.59	14		
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29-Sep-97	HT-10	16959	55,240	27.62	27.62				
29-Sep-97	HT-10	16987	60,260	30.13	57.75				
29-Sep-97	HT-10	16963	57,540	28.77	86.52				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
29-Sep-97	HT-10	16972	62,660	31.33	117.85				
29-Sep-97	HT-10	16980	60,420	30.21	148.06				
29-Sep-97	HT-10	17000	58,220	29.11	177.17				
29-Sep-97	HT-10	17258	60,680	30.34	207.51				
29-Sep-97	HT-10	17266	59,540	29.77	237.28				
29-Sep-97	HT-10	17273	57,720	28.86	266.14				
29-Sep-97	HT-10	17286	56,960	28.48	294.62				
29-Sep-97	HT-10	17294	58,260	29.13	323.75				
29-Sep-97	HT-10	17302	57,620	28.81	352.56				
29-Sep-97	HT-10	17309	58,700	29.35	381.91				
29-Sep-97	HT-10	17316	59,340	29.67	411.58				
29-Sep-97	HT-10	17323	62,140	31.07	442.65				
29-Sep-97	HT-10	17331	56,580	28.29	470.94				
29-Sep-97	HT-10	17338	57,540	28.77	499.71				
29-Sep-97	HT-10	17345	57,520	28.76	528.47	528.47	18		
29-Sep-97	HT-12	16956	45,480	22.74	551.21				
29-Sep-97	HT-12	16984	44,980	22.49	573.70				
29-Sep-97	HT-12	16992	40,800	20.40	594.10				
29-Sep-97	HT-12	16968	49,480	24.74	618.84				
29-Sep-97	HT-12	16976	48,460	24.23	643.07				
29-Sep-97	HT-12	16996	46,360	23.18	666.25				
29-Sep-97	HT-12	17254	48,960	24.48	690.73				
29-Sep-97	HT-12	17262	45,580	22.79	713.52				
29-Sep-97	HT-12	17270	45,940	22.97	736.49				
29-Sep-97	HT-12	17278	46,700	23.35	759.84				
29-Sep-97	HT-12	17285	48,720	24.36	784.20				
29-Sep-97	HT-12	17293	47,820	23.91	808.11				
29-Sep-97	HT-12	17301	46,600	23.30	831.41				
29-Sep-97	HT-12	17310	48,760	24.38	855.79				
29-Sep-97	HT-12	17317	44,900	22.45	878.24				
29-Sep-97	HT-12	17325	45,100	22.55	900.79				
29-Sep-97	HT-12	17334	45,900	22.95	923.74				
29-Sep-97	HT-12	17341	44,400	22.20	945.94	417.47	18		
29-Sep-97	HT-13	16958	58,820	29.41	975.35				
29-Sep-97	HT-13	16986	57,260	28.63	1,003.98				
29-Sep-97	HT-13	16962	59,920	29.96	1,033.94				
29-Sep-97	HT-13	16970	61,000	30.50	1,064.44				
29-Sep-97	HT-13	16978	63,320	31.66	1,096.10				
29-Sep-97	HT-13	16998	61,000	30.50	1,126.60				
29-Sep-97	HT-13	17256	64,480	32.24	1,158.84				
29-Sep-97	HT-13	17264	59,840	29.92	1,188.76				
29-Sep-97	HT-13	17272	62,300	31.15	1,219.91				
29-Sep-97	HT-13	17280	62,420	31.21	1,251.12				
29-Sep-97	HT-13	17288	56,820	28.41	1,279.53				
29-Sep-97	HT-13	17296	58,940	29.47	1,309.00				
29-Sep-97	HT-13	17304	58,220	29.11	1,338.11				
29-Sep-97	HT-13	17312	61,460	30.73	1,368.84				
29-Sep-97	HT-13	17322	59,120	29.56	1,398.40				
29-Sep-97	HT-13	17330	60,560	30.28	1,428.68				
29-Sep-97	HT-13	17337	55,780	27.89	1,456.57				
29-Sep-97	HT-13	17344	53,840	26.92	1,483.49	537.55	18		
29-Sep-97	HT-14	16957	48,360	24.18	1,507.67				
29-Sep-97	HT-14	16985	46,580	23.29	1,530.96				
29-Sep-97	HT-14	16993	47,320	23.66	1,554.62				
29-Sep-97	HT-14	16969	47,200	23.60	1,578.22				
29-Sep-97	HT-14	16977	49,020	24.51	1,602.73				
29-Sep-97	HT-14	16997	49,220	24.61	1,627.34				
29-Sep-97	HT-14	17255	49,060	24.53	1,651.87				
29-Sep-97	HT-14	17263	44,620	22.31	1,674.18				
29-Sep-97	HT-14	17271	45,680	22.84	1,697.02				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
29-Sep-97	HT-14	17279	46,840	23.42	1,720.44				
29-Sep-97	HT-14	17287	46,520	23.26	1,743.70				
29-Sep-97	HT-14	17295	47,460	23.73	1,767.43				
29-Sep-97	HT-14	17303	47,940	23.97	1,791.40				
29-Sep-97	HT-14	17311	47,700	23.85	1,815.25				
29-Sep-97	HT-14	17318	48,420	24.21	1,839.46				
29-Sep-97	HT-14	17326	46,820	23.41	1,862.87	379.38	16		
29-Sep-97	HT-17	16953	60,660	30.33	1,893.20				
29-Sep-97	HT-17	16991	63,160	31.58	1,924.78				
29-Sep-97	HT-17	16989	58,860	29.43	1,954.21				
29-Sep-97	HT-17	16965	59,280	29.64	1,983.85				
29-Sep-97	HT-17	16973	64,020	32.01	2,015.86				
29-Sep-97	HT-17	16981	62,260	31.13	2,046.99				
29-Sep-97	HT-17	17251	61,080	30.54	2,077.53				
29-Sep-97	HT-17	17259	61,640	30.82	2,108.35				
29-Sep-97	HT-17	17267	58,280	29.14	2,137.49				
29-Sep-97	HT-17	17276	62,800	31.40	2,168.89				
29-Sep-97	HT-17	17283	59,720	29.86	2,198.75				
29-Sep-97	HT-17	17291	60,800	30.40	2,229.15				
29-Sep-97	HT-17	17299	62,640	31.32	2,260.47				
29-Sep-97	HT-17	17307	59,520	29.76	2,290.23				
29-Sep-97	HT-17	17315	62,440	31.22	2,321.45				
29-Sep-97	HT-17	17324	59,680	29.84	2,351.29				
29-Sep-97	HT-17	17332	55,680	27.84	2,379.13				
29-Sep-97	HT-17	17339	58,220	29.11	2,408.24				
29-Sep-97	HT-17	17346	60,740	30.37	2,438.61	575.74	19		
29-Sep-97	HT-18	16952	42,340	21.17	2,459.78				
29-Sep-97	HT-18	16960	47,700	23.85	2,483.63				
29-Sep-97	HT-18	16988	46,340	23.17	2,506.80				
29-Sep-97	HT-18	16964	47,200	23.60	2,530.40				
29-Sep-97	HT-18	16971	48,620	24.31	2,554.71				
29-Sep-97	HT-18	16979	48,640	24.32	2,579.03				
29-Sep-97	HT-18	16999	48,640	24.32	2,603.35				
29-Sep-97	HT-18	17257	47,640	23.82	2,627.17				
29-Sep-97	HT-18	17265	46,740	23.37	2,650.54				
29-Sep-97	HT-18	17274	47,620	23.81	2,674.35				
29-Sep-97	HT-18	17281	46,540	23.27	2,697.62				
29-Sep-97	HT-18	17289	48,840	24.42	2,722.04				
29-Sep-97	HT-18	17297	42,700	21.35	2,743.39				
29-Sep-97	HT-18	17305	42,980	21.49	2,764.88				
29-Sep-97	HT-18	17313	49,500	24.75	2,789.63				
29-Sep-97	HT-18	17320	47,160	23.58	2,813.21				
29-Sep-97	HT-18	17328	48,400	24.20	2,837.41				
29-Sep-97	HT-18	17336	46,320	23.16	2,860.57				
29-Sep-97	HT-18	17343	46,480	23.24	2,883.81	445.20	19		
29-Sep-97	HT-19	16954	47,900	23.95	2,907.76				
29-Sep-97	HT-19	16982	46,900	23.45	2,931.21				
29-Sep-97	HT-19	16990	48,120	24.06	2,955.27				
29-Sep-97	HT-19	16966	48,380	24.19	2,979.46				
29-Sep-97	HT-19	16974	52,560	26.28	3,005.74				
29-Sep-97	HT-19	16994	49,160	24.58	3,030.32				
29-Sep-97	HT-19	17252	47,400	23.70	3,054.02				
29-Sep-97	HT-19	17260	49,480	24.74	3,078.76				
29-Sep-97	HT-19	17268	47,480	23.74	3,102.50				
29-Sep-97	HT-19	17275	47,620	23.81	3,126.31				
29-Sep-97	HT-19	17282	47,420	23.71	3,150.02				
29-Sep-97	HT-19	17290	48,300	24.15	3,174.17				
29-Sep-97	HT-19	17298	48,400	24.20	3,198.37				
29-Sep-97	HT-19	17306	47,500	23.75	3,222.12				
29-Sep-97	HT-19	17314	47,800	23.90	3,246.02				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
29-Sep-97	HT-19	17321	48,120	24.06	3,270.08				
29-Sep-97	HT-19	17329	47,640	23.82	3,293.90				
29-Sep-97	HT-19	17335	49,020	24.51	3,318.41				
29-Sep-97	HT-19	17342	46,260	23.13	3,341.54	457.73	19		
29-Sep-97	HT-20	16955	60,480	30.24	3,371.78				
29-Sep-97	HT-20	16983	63,400	31.70	3,403.48				
29-Sep-97	HT-20	16991	61,780	30.89	3,434.37				
29-Sep-97	HT-20	16967	65,660	32.83	3,467.20				
29-Sep-97	HT-20	16975	64,160	32.08	3,499.28				
29-Sep-97	HT-20	16995	63,400	31.70	3,530.98				
29-Sep-97	HT-20	17253	60,960	30.48	3,561.46				
29-Sep-97	HT-20	17261	60,440	30.22	3,591.68				
29-Sep-97	HT-20	17269	64,240	32.12	3,623.80				
29-Sep-97	HT-20	17277	64,880	32.44	3,656.24				
29-Sep-97	HT-20	17284	61,600	30.80	3,687.04				
29-Sep-97	HT-20	17292	58,420	29.21	3,716.25				
29-Sep-97	HT-20	17300	58,220	29.11	3,745.36				
29-Sep-97	HT-20	17308	58,180	29.09	3,774.45				
29-Sep-97	HT-20	17319	60,060	30.03	3,804.48				
29-Sep-97	HT-20	17327	57,420	28.71	3,833.19				
29-Sep-97	HT-20	17333	59,600	29.80	3,862.99				
29-Sep-97	HT-20	17340	62,480	31.24	3,894.23	552.69	18		
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30-Sep-97	HT-10	17363	71,780	35.89	35.89				
30-Sep-97	HT-10	17371	64,920	32.46	68.35				
30-Sep-97	HT-10	17379	66,060	33.03	101.38				
30-Sep-97	HT-10	17386	58,900	29.45	130.83				
30-Sep-97	HT-10	17566	59,300	29.65	160.48				
30-Sep-97	HT-10	17545	64,580	32.29	192.77				
30-Sep-97	HT-10	17553	65,380	32.69	225.46				
30-Sep-97	HT-10	17561	62,800	31.40	256.86				
30-Sep-97	HT-10	17533	61,400	30.70	287.56				
30-Sep-97	HT-10	17541	62,260	31.13	318.69				
30-Sep-97	HT-10	17509	62,460	31.23	349.92				
30-Sep-97	HT-10	17516	64,500	32.25	382.17				
30-Sep-97	HT-10	17524	62,300	31.15	413.32				
30-Sep-97	HT-10	17496	61,540	30.77	444.09				
30-Sep-97	HT-10	17504	60,520	30.26	474.35				
30-Sep-97	HT-10	17477	58,700	29.35	503.70				
30-Sep-97	HT-10	17485	59,460	29.73	533.43	533.43	17		
30-Sep-97	HT-12	17350	46,680	23.34	556.77				
30-Sep-97	HT-12	17355	47,900	23.95	580.72				
30-Sep-97	HT-12	17362	49,780	24.89	605.61				
30-Sep-97	HT-12	17369	49,880	24.94	630.55				
30-Sep-97	HT-12	17377	46,180	23.09	653.64				
30-Sep-97	HT-12	17385	45,440	22.72	676.36				
30-Sep-97	HT-12	17565	47,780	23.89	700.25				
30-Sep-97	HT-12	17573	48,500	24.25	724.50				
30-Sep-97	HT-12	17552	47,320	23.66	748.16				
30-Sep-97	HT-12	17559	49,100	24.55	772.71				
30-Sep-97	HT-12	17531	47,860	23.93	796.64				
30-Sep-97	HT-12	17539	50,580	25.29	821.93				
30-Sep-97	HT-12	17507	49,660	24.83	846.76				
30-Sep-97	HT-12	17515	47,140	23.57	870.33				
30-Sep-97	HT-12	17523	50,420	25.21	895.54				
30-Sep-97	HT-12	17495	49,380	24.69	920.23				
30-Sep-97	HT-12	17503	48,800	24.40	944.63				
30-Sep-97	HT-12	17476	48,960	24.48	969.11				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
30-Sep-97	HT-12	17484	47,000	23.50	992.61	459.18	19		
30-Sep-97	HT-13	17352	59,020	29.51	1,022.12				
30-Sep-97	HT-13	17359	62,900	31.45	1,053.57				
30-Sep-97	HT-13	17367	61,860	30.93	1,084.50				
30-Sep-97	HT-13	17375	60,700	30.35	1,114.85				
30-Sep-97	HT-13	17383	58,600	29.30	1,144.15				
30-Sep-97	HT-13	17563	59,240	29.62	1,173.77				
30-Sep-97	HT-13	17571	61,960	30.98	1,204.75				
30-Sep-97	HT-13	17550	62,380	31.19	1,235.94				
30-Sep-97	HT-13	17560	62,500	31.25	1,267.19				
30-Sep-97	HT-13	17532	61,200	30.60	1,297.79				
30-Sep-97	HT-13	17540	62,540	31.27	1,329.06				
30-Sep-97	HT-13	17508	62,160	31.08	1,360.14				
30-Sep-97	HT-13	17517	59,560	29.78	1,389.92				
30-Sep-97	HT-13	17525	61,820	30.91	1,420.83				
30-Sep-97	HT-13	17497	58,580	29.29	1,450.12				
30-Sep-97	HT-13	17470	60,640	30.32	1,480.44				
30-Sep-97	HT-13	17478	58,320	29.16	1,509.60				
30-Sep-97	HT-13	17486	58,440	29.22	1,538.82	546.21	18		
30-Sep-97	HT-14	17356	47,640	23.82	1,562.64				
30-Sep-97	HT-14	17364	48,680	24.34	1,586.98				
30-Sep-97	HT-14	17372	47,720	23.86	1,610.84				
30-Sep-97	HT-14	17380	47,020	23.51	1,634.35				
30-Sep-97	HT-14	17387	48,080	24.04	1,658.39				
30-Sep-97	HT-14	17567	45,880	22.94	1,681.33				
30-Sep-97	HT-14	17546	53,640	26.82	1,708.15				
30-Sep-97	HT-14	17554	52,760	26.38	1,734.53				
30-Sep-97	HT-14	17526	51,820	25.91	1,760.44				
30-Sep-97	HT-14	17534	52,180	26.09	1,786.53				
30-Sep-97	HT-14	17542	51,940	25.97	1,812.50				
30-Sep-97	HT-14	17510	48,420	24.21	1,836.71				
30-Sep-97	HT-14	17518	47,340	23.67	1,860.38				
30-Sep-97	HT-14	17490	49,620	24.81	1,885.19				
30-Sep-97	HT-14	17498	49,260	24.63	1,909.82				
30-Sep-97	HT-14	17471	48,540	24.27	1,934.09				
30-Sep-97	HT-14	17479	45,980	22.99	1,957.08	418.26	17		
30-Sep-97	HT-17	17348	60,620	30.31	1,987.39				
30-Sep-97	HT-17	17354	66,400	33.20	2,020.59				
30-Sep-97	HT-17	17361	62,420	31.21	2,051.80				
30-Sep-97	HT-17	17368	70,660	35.33	2,087.13				
30-Sep-97	HT-17	17376	58,500	29.25	2,116.38				
30-Sep-97	HT-17	17384	58,540	29.27	2,145.65				
30-Sep-97	HT-17	17654	60,180	30.09	2,175.74				
30-Sep-97	HT-17	17572	63,700	31.85	2,207.59				
30-Sep-97	HT-17	17551	65,760	32.88	2,240.47				
30-Sep-97	HT-17	17558	64,420	32.21	2,272.68				
30-Sep-97	HT-17	17530	61,080	30.54	2,303.22				
30-Sep-97	HT-17	17538	63,380	31.69	2,334.91				
30-Sep-97	HT-17	17505	62,780	31.39	2,366.30				
30-Sep-97	HT-17	17513	60,280	30.14	2,396.44				
30-Sep-97	HT-17	17520	64,180	32.09	2,428.53				
30-Sep-97	HT-17	17492	59,100	29.55	2,458.08				
30-Sep-97	HT-17	17500	65,300	32.65	2,490.73				
30-Sep-97	HT-17	17473	60,840	30.42	2,521.15				
30-Sep-97	HT-17	17481	60,480	30.24	2,551.39	594.31	19		
30-Sep-97	HT-18	17347	49,460	24.73	2,576.12				
30-Sep-97	HT-18	17353	49,680	24.84	2,600.96				
30-Sep-97	HT-18	17360	46,960	23.48	2,624.44				
30-Sep-97	HT-18	17366	47,340	23.67	2,648.11				
30-Sep-97	HT-18	17374	48,760	24.38	2,672.49				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
30-Sep-97	HT-18	17382	48,740	24.37	2,696.86				
30-Sep-97	HT-18	17562	46,180	23.09	2,719.95				
30-Sep-97	HT-18	17570	50,320	25.16	2,745.11				
30-Sep-97	HT-18	17549	52,100	26.05	2,771.16				
30-Sep-97	HT-18	17557	51,340	25.67	2,796.83				
30-Sep-97	HT-18	17529	47,460	23.73	2,820.56				
30-Sep-97	HT-18	17537	49,880	24.94	2,845.50				
30-Sep-97	HT-18	17544	51,440	25.72	2,871.22				
30-Sep-97	HT-18	17512	49,000	24.50	2,895.72				
30-Sep-97	HT-18	17521	51,460	25.73	2,921.45				
30-Sep-97	HT-18	17493	51,000	25.50	2,946.95				
30-Sep-97	HT-18	17501	47,640	23.82	2,970.77				
30-Sep-97	HT-18	17474	47,960	23.98	2,994.75				
30-Sep-97	HT-18	17482	47,040	23.52	3,018.27	466.88	19		
30-Sep-97	HT-19	17351	47,220	23.61	3,041.88				
30-Sep-97	HT-19	17358	54,020	27.01	3,068.89				
30-Sep-97	HT-19	17365	50,620	25.31	3,094.20				
30-Sep-97	HT-19	17373	47,540	23.77	3,117.97				
30-Sep-97	HT-19	17381	47,040	23.52	3,141.49				
30-Sep-97	HT-19	17389	47,300	23.65	3,165.14				
30-Sep-97	HT-19	17569	48,060	24.03	3,189.17				
30-Sep-97	HT-19	17548	51,600	25.80	3,214.97				
30-Sep-97	HT-19	17556	53,900	26.95	3,241.92				
30-Sep-97	HT-19	17528	50,120	25.06	3,266.98				
30-Sep-97	HT-19	17536	52,820	26.41	3,293.39				
30-Sep-97	HT-19	17506	49,560	24.78	3,318.17				
30-Sep-97	HT-19	17514	50,280	25.14	3,343.31				
30-Sep-97	HT-19	17522	50,500	25.25	3,368.56				
30-Sep-97	HT-19	17494	50,960	25.48	3,394.04				
30-Sep-97	HT-19	17502	47,680	23.84	3,417.88				
30-Sep-97	HT-19	17475	48,180	24.09	3,441.97				
30-Sep-97	HT-19	17483	49,360	24.68	3,466.65	448.38	18		
30-Sep-97	HT-20	17349	61,020	30.51	3,497.16				
30-Sep-97	HT-20	17357	61,680	30.84	3,528.00				
30-Sep-97	HT-20	17370	64,220	32.11	3,560.11				
30-Sep-97	HT-20	17378	58,980	29.49	3,589.60				
30-Sep-97	HT-20	17388	63,340	31.67	3,621.27				
30-Sep-97	HT-20	17568	61,600	30.80	3,652.07				
30-Sep-97	HT-20	17547	63,620	31.81	3,683.88				
30-Sep-97	HT-20	17555	68,400	34.20	3,718.08				
30-Sep-97	HT-20	17527	66,180	33.09	3,751.17				
30-Sep-97	HT-20	17535	62,880	31.44	3,782.61				
30-Sep-97	HT-20	17543	61,960	30.98	3,813.59				
30-Sep-97	HT-20	17511	65,060	32.53	3,846.12				
30-Sep-97	HT-20	17519	61,040	30.52	3,876.64				
30-Sep-97	HT-20	17491	63,400	31.70	3,908.34				
30-Sep-97	HT-20	17499	65,160	32.58	3,940.92				
30-Sep-97	HT-20	17472	60,340	30.17	3,971.09				
30-Sep-97	HT-20	17480	57,620	28.81	3,999.90	533.25	17		
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1-Oct-97	HT-01	17453	47,780	23.89	23.89				
1-Oct-97	HT-01	17462	46,040	23.02	46.91				
1-Oct-97	HT-01	17433	45,640	22.82	69.73				
1-Oct-97	HT-01	17663	46,120	23.06	92.79				
1-Oct-97	HT-01	17443	45,940	22.97	115.76				
1-Oct-97	HT-01	17413	48,400	24.20	139.96				
1-Oct-97	HT-01	17429	48,800	24.40	164.36				
1-Oct-97	HT-01	17394	53,320	26.66	191.02				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
1-Oct-97	HT-01	17403	46,720	23.36	214.38				
1-Oct-97	HT-01	17575	49,140	24.57	238.95				
1-Oct-97	HT-01	17583	46,560	23.28	262.23				
1-Oct-97	HT-01	17599	50,220	25.11	287.34				
1-Oct-97	HT-01	17607	48,280	24.14	311.48				
1-Oct-97	HT-01	17615	47,360	23.68	335.16	335.16	14		
1-Oct-97	HT-10	17488	62,620	31.31	366.47				
1-Oct-97	HT-10	17456	59,700	29.85	396.32				
1-Oct-97	HT-10	17465	58,220	29.11	425.43				
1-Oct-97	HT-10	17436	60,100	30.05	455.48				
1-Oct-97	HT-10	17666	54,000	27.00	482.48				
1-Oct-97	HT-10	17446	59,920	29.96	512.44				
1-Oct-97	HT-10	17417	58,220	29.11	541.55				
1-Oct-97	HT-10	17425	62,440	31.22	572.77				
1-Oct-97	HT-10	17392	56,920	28.46	601.23				
1-Oct-97	HT-10	17399	59,120	29.56	630.79				
1-Oct-97	HT-10	17408	58,300	29.15	659.94				
1-Oct-97	HT-10	17580	60,180	30.09	690.03				
1-Oct-97	HT-10	17588	59,080	29.54	719.57				
1-Oct-97	HT-10	17591	47,660	23.83	743.40				
1-Oct-97	HT-10	17596	59,860	29.93	773.33				
1-Oct-97	HT-10	17604	59,320	29.66	802.99				
1-Oct-97	HT-10	17612	56,060	28.03	831.02				
1-Oct-97	HT-10	17620	56,060	28.03	859.05	523.89	18		
1-Oct-97	HT-12	17489	47,020	23.51	882.56				
1-Oct-97	HT-12	17455	47,280	23.64	906.20				
1-Oct-97	HT-12	17464	47,180	23.59	929.79				
1-Oct-97	HT-12	17435	43,940	21.97	951.76				
1-Oct-97	HT-12	17665	43,640	21.82	973.58				
1-Oct-97	HT-12	17445	46,800	23.40	996.98				
1-Oct-97	HT-12	17416	47,820	23.91	1,020.89				
1-Oct-97	HT-12	17423	45,300	22.65	1,043.54				
1-Oct-97	HT-12	17390	45,680	22.84	1,066.38				
1-Oct-97	HT-12	17397	49,160	24.58	1,090.96				
1-Oct-97	HT-12	17404	47,440	23.72	1,114.68				
1-Oct-97	HT-12	17576	46,640	23.32	1,138.00				
1-Oct-97	HT-12	17584	50,760	25.38	1,163.38				
1-Oct-97	HT-12	17592	49,380	24.69	1,188.07				
1-Oct-97	HT-12	17600	45,980	22.99	1,211.06				
1-Oct-97	HT-12	17608	52,020	26.01	1,237.07				
1-Oct-97	HT-12	17616	45,300	22.65	1,259.72	400.67	17		
1-Oct-97	HT-13	17452	61,160	30.58	1,290.30				
1-Oct-97	HT-13	17461	58,560	29.28	1,319.58				
1-Oct-97	HT-13	17432	59,980	29.99	1,349.57				
1-Oct-97	HT-13	17441	59,980	29.99	1,379.56				
1-Oct-97	HT-13	17412	59,100	29.55	1,409.11				
1-Oct-97	HT-13	17442	59,400	29.70	1,438.81				
1-Oct-97	HT-13	17421	59,040	29.52	1,468.33				
1-Oct-97	HT-13	17428	56,540	28.27	1,496.60				
1-Oct-97	HT-13	17581	45,900	22.95	1,519.55	259.83	9		
1-Oct-97	HT-14	17448	48,700	24.35	1,543.90				
1-Oct-97	HT-14	17457	47,200	23.60	1,567.50				
1-Oct-97	HT-14	17466	45,660	22.83	1,590.33				
1-Oct-97	HT-14	17437	46,820	23.41	1,613.74				
1-Oct-97	HT-14	17670	46,040	23.02	1,636.76				
1-Oct-97	HT-14	17414	49,060	24.53	1,661.29				
1-Oct-97	HT-14	17430	47,080	23.54	1,684.83				
1-Oct-97	HT-14	17395	47,320	23.66	1,708.49				
1-Oct-97	HT-14	17401	48,720	24.36	1,732.85				
1-Oct-97	HT-14	17409	49,380	24.69	1,757.54				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
1-Oct-97	HT-14	17589	48,720	24.36	1,781.90				
1-Oct-97	HT-14	17597	46,640	23.32	1,805.22				
1-Oct-97	HT-14	17605	50,240	25.12	1,830.34				
1-Oct-97	HT-14	17613	47,520	23.76	1,854.10				
1-Oct-97	HT-14	17621	47,160	23.58	1,877.68	358.13	15		
1-Oct-97	HT-17	17450	60,360	30.18	1,907.86				
1-Oct-97	HT-17	17459	62,420	31.21	1,939.07				
1-Oct-97	HT-17	17468	57,660	28.83	1,967.90				
1-Oct-97	HT-17	17439	60,500	30.25	1,998.15				
1-Oct-97	HT-17	17668	55,220	27.61	2,025.76				
1-Oct-97	HT-17	17410	59,340	29.67	2,055.43				
1-Oct-97	HT-17	17419	61,500	30.75	2,086.18				
1-Oct-97	HT-17	17426	59,640	29.82	2,116.00				
1-Oct-97	HT-17	17393	58,840	29.42	2,145.42				
1-Oct-97	HT-17	17400	60,400	30.20	2,175.62				
1-Oct-97	HT-17	17407	59,180	29.59	2,205.21				
1-Oct-97	HT-17	17579	57,100	28.55	2,233.76				
1-Oct-97	HT-17	17587	60,960	30.48	2,264.24				
1-Oct-97	HT-17	17595	60,220	30.11	2,294.35				
1-Oct-97	HT-17	17603	68,480	34.24	2,328.59				
1-Oct-97	HT-17	17611	60,820	30.41	2,359.00				
1-Oct-97	HT-17	17619	62,400	31.20	2,390.20	512.52	17		
1-Oct-97	HT-18	17487	47,240	23.62	2,413.82				
1-Oct-97	HT-18	17454	49,920	24.96	2,438.78				
1-Oct-97	HT-18	17463	50,520	25.26	2,464.04				
1-Oct-97	HT-18	17432	46,080	23.04	2,487.08				
1-Oct-97	HT-18	17664	44,140	22.07	2,509.15				
1-Oct-97	HT-18	17444	47,620	23.81	2,532.96				
1-Oct-97	HT-18	17415	45,860	22.93	2,555.89				
1-Oct-97	HT-18	17422	51,180	25.59	2,581.48				
1-Oct-97	HT-18	17431	46,420	23.21	2,604.69				
1-Oct-97	HT-18	17396	48,380	24.19	2,628.88				
1-Oct-97	HT-18	17402	51,420	25.71	2,654.59				
1-Oct-97	HT-18	17574	51,320	25.66	2,680.25				
1-Oct-97	HT-18	17582	48,540	24.27	2,704.52				
1-Oct-97	HT-18	17590	47,460	23.73	2,728.25				
1-Oct-97	HT-18	17598	49,960	24.98	2,753.23				
1-Oct-97	HT-18	17606	51,400	25.70	2,778.93				
1-Oct-97	HT-18	17614	49,620	24.81	2,803.74				
1-Oct-97	HT-18	17622	50,760	25.38	2,829.12	438.92	18		
1-Oct-97	HT-19	17449	47,760	23.88	2,853.00				
1-Oct-97	HT-19	17458	48,320	24.16	2,877.16				
1-Oct-97	HT-19	17467	46,720	23.36	2,900.52				
1-Oct-97	HT-19	17438	46,880	23.44	2,923.96				
1-Oct-97	HT-19	17667	45,020	22.51	2,946.47				
1-Oct-97	HT-19	17447	48,180	24.09	2,970.56				
1-Oct-97	HT-19	17418	49,060	24.53	2,995.09				
1-Oct-97	HT-19	17424	47,800	23.90	3,018.99				
1-Oct-97	HT-19	17391	48,680	24.34	3,043.33				
1-Oct-97	HT-19	17398	50,880	25.44	3,068.77				
1-Oct-97	HT-19	17405	49,860	24.93	3,093.70				
1-Oct-97	HT-19	17577	49,840	24.92	3,118.62				
1-Oct-97	HT-19	17585	49,540	24.77	3,143.39				
1-Oct-97	HT-19	17593	47,100	23.55	3,166.94				
1-Oct-97	HT-19	17601	51,340	25.67	3,192.61				
1-Oct-97	HT-19	17609	48,720	24.36	3,216.97				
1-Oct-97	HT-19	17617	47,280	23.64	3,240.61	411.49	17		
1-Oct-97	HT-20	17451	60,220	30.11	3,270.72				
1-Oct-97	HT-20	17460	59,980	29.99	3,300.71				
1-Oct-97	HT-20	17469	57,200	28.60	3,329.31				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
1-Oct-97	HT-20	17440	56,840	28.42	3,357.73				
1-Oct-97	HT-20	17669	58,260	29.13	3,386.86				
1-Oct-97	HT-20	17411	57,280	28.64	3,415.50				
1-Oct-97	HT-20	17420	56,980	28.49	3,443.99				
1-Oct-97	HT-20	17427	57,760	28.88	3,472.87				
1-Oct-97	HT-20	17406	61,860	30.93	3,503.80				
1-Oct-97	HT-20	17578	57,820	28.91	3,532.71				
1-Oct-97	HT-20	17586	57,900	28.95	3,561.66				
1-Oct-97	HT-20	17594	58,420	29.21	3,590.87				
1-Oct-97	HT-20	17602	64,580	32.29	3,623.16				
1-Oct-97	HT-20	17610	58,640	29.32	3,652.48				
1-Oct-97	HT-20	17618	59,580	29.79	3,682.27	441.66	15		
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2-Oct-97	HT-01	17627	51,580	25.79	25.79				
2-Oct-97	HT-01	17635	49,280	24.64	50.43				
2-Oct-97	HT-01	17643	44,220	22.11	72.54				
2-Oct-97	HT-01	17651	45,400	22.70	95.24				
2-Oct-97	HT-01	17659	45,340	22.67	117.91				
2-Oct-97	HT-01	17675	48,780	24.39	142.30				
2-Oct-97	HT-01	17683	47,040	23.52	165.82				
2-Oct-97	HT-01	17691	46,300	23.15	188.97				
2-Oct-97	HT-01	17699	46,480	23.24	212.21				
2-Oct-97	HT-01	17707	44,880	22.44	234.65				
2-Oct-97	HT-01	17715	46,060	23.03	257.68				
2-Oct-97	HT-01	17723	45,400	22.70	280.38				
2-Oct-97	HT-01	17731	44,880	22.44	302.82				
2-Oct-97	HT-01	17739	46,480	23.24	326.06				
2-Oct-97	HT-01	17747	46,640	23.32	349.38				
2-Oct-97	HT-01	17754	45,240	22.62	372.00				
2-Oct-97	HT-01	17761	46,420	23.21	395.21				
2-Oct-97	HT-01	17768	47,960	23.98	419.19	419.19	18		
2-Oct-97	HT-10	17624	66,540	33.27	452.46				
2-Oct-97	HT-10	17632	66,240	33.12	485.58				
2-Oct-97	HT-10	17640	63,760	31.88	517.46				
2-Oct-97	HT-10	17648	56,940	28.47	545.93				
2-Oct-97	HT-10	17656	60,320	30.16	576.09				
2-Oct-97	HT-10	17672	63,020	31.51	607.60				
2-Oct-97	HT-10	17680	62,100	31.05	638.65				
2-Oct-97	HT-10	17688	63,000	31.50	670.15				
2-Oct-97	HT-10	17696	59,980	29.99	700.14				
2-Oct-97	HT-10	17704	58,820	29.41	729.55				
2-Oct-97	HT-10	17712	59,620	29.81	759.36				
2-Oct-97	HT-10	17720	63,060	31.53	790.89				
2-Oct-97	HT-10	17728	61,080	30.54	821.43				
2-Oct-97	HT-10	17736	59,620	29.81	851.24				
2-Oct-97	HT-10	17744	62,600	31.30	882.54	463.35	15		
2-Oct-97	HT-12	17628	49,320	24.66	907.20				
2-Oct-97	HT-12	17636	49,320	24.66	931.86				
2-Oct-97	HT-12	17644	42,620	21.31	953.17				
2-Oct-97	HT-12	17652	46,100	23.05	976.22				
2-Oct-97	HT-12	17660	47,260	23.63	999.85				
2-Oct-97	HT-12	17676	44,840	22.42	1,022.27				
2-Oct-97	HT-12	17684	46,980	23.49	1,045.76				
2-Oct-97	HT-12	17692	45,280	22.64	1,068.40				
2-Oct-97	HT-12	17700	47,560	23.78	1,092.18				
2-Oct-97	HT-12	17708	45,720	22.86	1,115.04				
2-Oct-97	HT-12	17716	43,380	21.69	1,136.73				
2-Oct-97	HT-12	17724	44,780	22.39	1,159.12				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
2-Oct-97	HT-12	17732	42,840	21.42	1,180.54				
2-Oct-97	HT-12	17740	44,840	22.42	1,202.96				
2-Oct-97	HT-12	17748	46,020	23.01	1,225.97				
2-Oct-97	HT-12	17755	45,480	22.74	1,248.71				
2-Oct-97	HT-12	17762	46,360	23.18	1,271.89	389.35	17		
2-Oct-97	HT-14	17630	49,280	24.64	1,296.53				
2-Oct-97	HT-14	17638	48,740	24.37	1,320.90				
2-Oct-97	HT-14	17646	47,020	23.51	1,344.41				
2-Oct-97	HT-14	17654	46,520	23.26	1,367.67				
2-Oct-97	HT-14	17662	46,280	23.14	1,390.81				
2-Oct-97	HT-14	17678	48,180	24.09	1,414.90				
2-Oct-97	HT-14	17686	49,880	24.94	1,439.84				
2-Oct-97	HT-14	17694	48,260	24.13	1,463.97				
2-Oct-97	HT-14	17702	45,120	22.56	1,486.53				
2-Oct-97	HT-14	17710	47,340	23.67	1,510.20				
2-Oct-97	HT-14	17718	44,840	22.42	1,532.62				
2-Oct-97	HT-14	17727	42,880	21.44	1,554.06				
2-Oct-97	HT-14	17735	44,600	22.30	1,576.36				
2-Oct-97	HT-14	17743	45,360	22.68	1,599.04				
2-Oct-97	HT-14	17751	46,860	23.43	1,622.47				
2-Oct-97	HT-14	17758	50,360	25.18	1,647.65				
2-Oct-97	HT-14	17765	49,680	24.84	1,672.49	400.60	17		
2-Oct-97	HT-17	17625	63,100	31.55	1,704.04				
2-Oct-97	HT-17	17633	65,540	32.77	1,736.81				
2-Oct-97	HT-17	17641	66,540	33.27	1,770.08				
2-Oct-97	HT-17	17649	62,800	31.40	1,801.48				
2-Oct-97	HT-17	17657	61,280	30.64	1,832.12				
2-Oct-97	HT-17	17673	59,780	29.89	1,862.01				
2-Oct-97	HT-17	17681	60,500	30.25	1,892.26				
2-Oct-97	HT-17	17689	63,860	31.93	1,924.19				
2-Oct-97	HT-17	17697	64,880	32.44	1,956.63				
2-Oct-97	HT-17	17705	58,380	29.19	1,985.82				
2-Oct-97	HT-17	17713	63,900	31.95	2,017.77				
2-Oct-97	HT-17	17721	62,040	31.02	2,048.79				
2-Oct-97	HT-17	17729	61,020	30.51	2,079.30				
2-Oct-97	HT-17	17737	59,960	29.98	2,109.28				
2-Oct-97	HT-17	17745	61,140	30.57	2,139.85				
2-Oct-97	HT-17	17752	66,980	33.49	2,173.34				
2-Oct-97	HT-17	17759	63,500	31.75	2,205.09				
2-Oct-97	HT-17	17766	60,220	30.11	2,235.20	562.71	18		
2-Oct-97	HT-18	17639	48,380	24.19	2,259.39				
2-Oct-97	HT-18	17623	51,840	25.92	2,285.31				
2-Oct-97	HT-18	17631	49,780	24.89	2,310.20				
2-Oct-97	HT-18	17647	50,120	25.06	2,335.26				
2-Oct-97	HT-18	17655	47,720	23.86	2,359.12				
2-Oct-97	HT-18	17671	46,360	23.18	2,382.30				
2-Oct-97	HT-18	17679	47,560	23.78	2,406.08				
2-Oct-97	HT-18	17687	46,200	23.10	2,429.18				
2-Oct-97	HT-18	17695	44,780	22.39	2,451.57				
2-Oct-97	HT-18	17703	47,400	23.70	2,475.27				
2-Oct-97	HT-18	17711	47,320	23.66	2,498.93				
2-Oct-97	HT-18	17719	44,860	22.43	2,521.36				
2-Oct-97	HT-18	17726	46,720	23.36	2,544.72				
2-Oct-97	HT-18	17734	44,220	22.11	2,566.83				
2-Oct-97	HT-18	17742	44,880	22.44	2,589.27				
2-Oct-97	HT-18	17750	51,560	25.78	2,615.05				
2-Oct-97	HT-18	17757	48,620	24.31	2,639.36				
2-Oct-97	HT-18	17764	51,120	25.56	2,664.92	429.72	18		
2-Oct-97	HT-19	17629	52,260	26.13	2,691.05				
2-Oct-97	HT-19	17637	49,200	24.60	2,715.65				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
2-Oct-97	HT-19	17645	43,520	21.76	2,737.41				
2-Oct-97	HT-19	17653	46,660	23.33	2,760.74				
2-Oct-97	HT-19	17661	48,280	24.14	2,784.88				
2-Oct-97	HT-19	17677	48,800	24.40	2,809.28				
2-Oct-97	HT-19	17685	49,980	24.99	2,834.27				
2-Oct-97	HT-19	17693	47,540	23.77	2,858.04				
2-Oct-97	HT-19	17701	46,600	23.30	2,881.34				
2-Oct-97	HT-19	17709	47,140	23.57	2,904.91				
2-Oct-97	HT-19	17717	45,860	22.93	2,927.84				
2-Oct-97	HT-19	17725	45,800	22.90	2,950.74				
2-Oct-97	HT-19	17733	44,300	22.15	2,972.89				
2-Oct-97	HT-19	17741	48,340	24.17	2,997.06				
2-Oct-97	HT-19	17749	47,220	23.61	3,020.67				
2-Oct-97	HT-19	17756	49,980	24.99	3,045.66				
2-Oct-97	HT-19	17763	48,120	24.06	3,069.72	404.80	17		
2-Oct-97	HT-20	17626	60,220	30.11	3,099.83				
2-Oct-97	HT-20	17634	61,140	30.57	3,130.40				
2-Oct-97	HT-20	17642	65,940	32.97	3,163.37				
2-Oct-97	HT-20	17650	62,420	31.21	3,194.58				
2-Oct-97	HT-20	17658	58,360	29.18	3,223.76				
2-Oct-97	HT-20	17674	60,480	30.24	3,254.00				
2-Oct-97	HT-20	17682	62,120	31.06	3,285.06				
2-Oct-97	HT-20	17690	57,820	28.91	3,313.97				
2-Oct-97	HT-20	17698	58,160	29.08	3,343.05				
2-Oct-97	HT-20	17706	59,020	29.51	3,372.56				
2-Oct-97	HT-20	17714	62,960	31.48	3,404.04				
2-Oct-97	HT-20	17722	64,580	32.29	3,436.33				
2-Oct-97	HT-20	17730	64,520	32.26	3,468.59				
2-Oct-97	HT-20	17738	60,960	30.48	3,499.07				
2-Oct-97	HT-20	17746	59,220	29.61	3,528.68				
2-Oct-97	HT-20	17753	58,740	29.37	3,558.05				
2-Oct-97	HT-20	17760	59,080	29.54	3,587.59				
2-Oct-97	HT-20	17767	60,880	30.44	3,618.03	548.31	18		
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3-Oct-97	HT-01	17774	45,140	22.57	22.57				
3-Oct-97	HT-01	17781	46,380	23.19	45.76				
3-Oct-97	HT-01	17789	47,120	23.56	69.32				
3-Oct-97	HT-01	17824	47,840	23.92	93.24				
3-Oct-97	HT-01	17830	47,420	23.71	116.95				
3-Oct-97	HT-01	17837	44,920	22.46	139.41				
3-Oct-97	HT-01	17844	46,300	23.15	162.56				
3-Oct-97	HT-01	17851	43,420	21.71	184.27				
3-Oct-97	HT-01	17858	45,520	22.76	207.03				
3-Oct-97	HT-01	17865	46,220	23.11	230.14				
3-Oct-97	HT-01	17872	47,620	23.81	253.95				
3-Oct-97	HT-01	17879	47,960	23.98	277.93				
3-Oct-97	HT-01	17889	46,520	23.26	301.19				
3-Oct-97	HT-01	17900	46,140	23.07	324.26				
3-Oct-97	HT-01	17907	48,120	24.06	348.32	348.32	15		
3-Oct-97	HT-10	17836	59,980	29.99	378.31				
3-Oct-97	HT-10	17843	63,360	31.68	409.99				
3-Oct-97	HT-10	17850	61,220	30.61	440.60				
3-Oct-97	HT-10	17857	64,680	32.34	472.94				
3-Oct-97	HT-10	17864	63,000	31.50	504.44				
3-Oct-97	HT-10	17871	62,580	31.29	535.73				
3-Oct-97	HT-10	17878	62,080	31.04	566.77				
3-Oct-97	HT-10	17885	60,080	30.04	596.81				
3-Oct-97	HT-10	17892	60,040	30.02	626.83				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
3-Oct-97	HT-10	17893	36,180	18.09	644.92				
3-Oct-97	HT-10	17899	62,500	31.25	676.17				
3-Oct-97	HT-10	17906	59,000	29.50	705.67	357.35	12		
3-Oct-97	HT-12	17775	49,180	24.59	730.26				
3-Oct-97	HT-12	17782	45,320	22.66	752.92				
3-Oct-97	HT-12	17790	46,580	23.29	776.21				
3-Oct-97	HT-12	17796	46,960	23.48	799.69				
3-Oct-97	HT-12	17802	48,200	24.10	823.79				
3-Oct-97	HT-12	17808	45,020	22.51	846.30				
3-Oct-97	HT-12	17814	46,100	23.05	869.35				
3-Oct-97	HT-12	17820	45,520	22.76	892.11				
3-Oct-97	HT-12	17826	46,820	23.41	915.52				
3-Oct-97	HT-12	17832	45,060	22.53	938.05				
3-Oct-97	HT-12	17839	42,400	21.20	959.25				
3-Oct-97	HT-12	17846	46,940	23.47	982.72				
3-Oct-97	HT-12	17853	44,780	22.39	1,005.11				
3-Oct-97	HT-12	17860	45,900	22.95	1,028.06				
3-Oct-97	HT-12	17867	43,500	21.75	1,049.81				
3-Oct-97	HT-12	17874	45,880	22.94	1,072.75				
3-Oct-97	HT-12	17880	44,480	22.24	1,094.99				
3-Oct-97	HT-12	17887	45,600	22.80	1,117.79				
3-Oct-97	HT-12	17894	46,860	23.43	1,141.22				
3-Oct-97	HT-12	17901	47,500	23.75	1,164.97				
3-Oct-97	HT-12	17908	42,360	21.18	1,186.15	480.48	21		
3-Oct-97	HT-14	17773	47,640	23.82	1,209.97				
3-Oct-97	HT-14	17780	47,900	23.95	1,233.92				
3-Oct-97	HT-14	17788	46,680	23.34	1,257.26				
3-Oct-97	HT-14	17795	48,360	24.18	1,281.44				
3-Oct-97	HT-14	17801	46,040	23.02	1,304.46				
3-Oct-97	HT-14	17807	47,280	23.64	1,328.10				
3-Oct-97	HT-14	17813	48,040	24.02	1,352.12				
3-Oct-97	HT-14	17819	47,980	23.99	1,376.11				
3-Oct-97	HT-14	17825	43,100	21.55	1,397.66				
3-Oct-97	HT-14	17831	45,460	22.73	1,420.39				
3-Oct-97	HT-14	17838	43,300	21.65	1,442.04				
3-Oct-97	HT-14	17845	47,300	23.65	1,465.69				
3-Oct-97	HT-14	17852	46,300	23.15	1,488.84				
3-Oct-97	HT-14	17859	47,020	23.51	1,512.35				
3-Oct-97	HT-14	17866	45,860	22.93	1,535.28				
3-Oct-97	HT-14	17873	47,060	23.53	1,558.81				
3-Oct-97	HT-14	17881	45,320	22.66	1,581.47				
3-Oct-97	HT-14	17888	44,280	22.14	1,603.61				
3-Oct-97	HT-14	17895	46,420	23.21	1,626.82				
3-Oct-97	HT-14	17902	46,620	23.31	1,650.13				
3-Oct-97	HT-14	17909	43,000	21.50	1,671.63	485.48	21		
3-Oct-97	HT-17	17769	65,580	32.79	1,704.42				
3-Oct-97	HT-17	17776	62,460	31.23	1,735.65				
3-Oct-97	HT-17	17783	61,860	30.93	1,766.58				
3-Oct-97	HT-17	17791	59,580	29.79	1,796.37				
3-Oct-97	HT-17	17797	66,300	33.15	1,829.52				
3-Oct-97	HT-17	17803	63,720	31.86	1,861.38				
3-Oct-97	HT-17	17809	63,440	31.72	1,893.10				
3-Oct-97	HT-17	17815	60,060	30.03	1,923.13				
3-Oct-97	HT-17	17821	58,440	29.22	1,952.35	280.72	9		
3-Oct-97	HT-18	17772	48,020	24.01	1,976.36				
3-Oct-97	HT-18	17777	47,800	23.90	2,000.26				
3-Oct-97	HT-18	17784	45,880	22.94	2,023.20				
3-Oct-97	HT-18	17792	46,120	23.06	2,046.26				
3-Oct-97	HT-18	17798	49,160	24.58	2,070.84				
3-Oct-97	HT-18	17804	49,300	24.65	2,095.49				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
3-Oct-97	HT-18	17810	47,660	23.83	2,119.32				
3-Oct-97	HT-18	17816	46,700	23.35	2,142.67				
3-Oct-97	HT-18	17822	45,740	22.87	2,165.54				
3-Oct-97	HT-18	17828	45,940	22.97	2,188.51				
3-Oct-97	HT-18	17834	45,920	22.96	2,211.47				
3-Oct-97	HT-18	17841	44,620	22.31	2,233.78				
3-Oct-97	HT-18	17848	45,960	22.98	2,256.76				
3-Oct-97	HT-18	17855	46,300	23.15	2,279.91				
3-Oct-97	HT-18	17862	46,640	23.32	2,303.23				
3-Oct-97	HT-18	17869	49,460	24.73	2,327.96				
3-Oct-97	HT-18	17876	46,900	23.45	2,351.41				
3-Oct-97	HT-18	17883	45,360	22.68	2,374.09				
3-Oct-97	HT-18	17890	45,920	22.96	2,397.05				
3-Oct-97	HT-18	17897	46,300	23.15	2,420.20				
3-Oct-97	HT-18	17904	46,420	23.21	2,443.41	491.06	21		
3-Oct-97	HT-19	17771	48,600	24.30	2,467.71				
3-Oct-97	HT-19	17778	48,180	24.09	2,491.80				
3-Oct-97	HT-19	17785	47,140	23.57	2,515.37				
3-Oct-97	HT-19	17793	49,380	24.69	2,540.06				
3-Oct-97	HT-19	17799	50,000	25.00	2,565.06				
3-Oct-97	HT-19	17805	47,760	23.88	2,588.94				
3-Oct-97	HT-19	17811	51,980	25.99	2,614.93				
3-Oct-97	HT-19	17817	46,400	23.20	2,638.13				
3-Oct-97	HT-19	17823	47,880	23.94	2,662.07				
3-Oct-97	HT-19	17829	45,640	22.82	2,684.89				
3-Oct-97	HT-19	17835	47,820	23.91	2,708.80				
3-Oct-97	HT-19	17842	45,300	22.65	2,731.45				
3-Oct-97	HT-19	17849	47,020	23.51	2,754.96				
3-Oct-97	HT-19	17856	46,660	23.33	2,778.29				
3-Oct-97	HT-19	17863	49,140	24.57	2,802.86				
3-Oct-97	HT-19	17870	47,560	23.78	2,826.64				
3-Oct-97	HT-19	17877	45,400	22.70	2,849.34				
3-Oct-97	HT-19	17882	42,920	21.46	2,870.80				
3-Oct-97	HT-19	17889	45,000	22.50	2,893.30				
3-Oct-97	HT-19	17896	48,660	24.33	2,917.63				
3-Oct-97	HT-19	17903	46,300	23.15	2,940.78				
3-Oct-97	HT-19	17910	47,920	23.96	2,964.74	521.33	22		
3-Oct-97	HT-20	17770	61,900	30.95	2,995.69				
3-Oct-97	HT-20	17779	66,840	33.42	3,029.11				
3-Oct-97	HT-20	17787	62,260	31.13	3,060.24				
3-Oct-97	HT-20	17794	60,040	30.02	3,090.26				
3-Oct-97	HT-20	17800	64,120	32.06	3,122.32				
3-Oct-97	HT-20	17806	65,860	32.93	3,155.25				
3-Oct-97	HT-20	17812	62,840	31.42	3,186.67				
3-Oct-97	HT-20	17818	58,800	29.40	3,216.07				
3-Oct-97	HT-20	17827	67,120	33.56	3,249.63				
3-Oct-97	HT-20	17833	59,220	29.61	3,279.24				
3-Oct-97	HT-20	17840	62,700	31.35	3,310.59				
3-Oct-97	HT-20	17847	62,220	31.11	3,341.70				
3-Oct-97	HT-20	17854	63,140	31.57	3,373.27				
3-Oct-97	HT-20	17861	66,340	33.17	3,406.44				
3-Oct-97	HT-20	17868	61,880	30.94	3,437.38				
3-Oct-97	HT-20	17875	63,360	31.68	3,469.06				
3-Oct-97	HT-20	17884	62,400	31.20	3,500.26				
3-Oct-97	HT-20	17891	59,320	29.66	3,529.92				
3-Oct-97	HT-20	17898	62,500	31.25	3,561.17				
3-Oct-97	HT-20	17905	60,720	30.36	3,591.53	626.79	20		
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SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
6-Oct-97	HT-01	17945	44,140	22.07	22.07				
6-Oct-97	HT-01	17954	46,920	23.46	45.53				
6-Oct-97	HT-01	17963	47,300	23.65	69.18				
6-Oct-97	HT-01	17972	43,640	21.82	91.00				
6-Oct-97	HT-01	17981	44,460	22.23	113.23				
6-Oct-97	HT-01	17990	46,100	23.05	136.28				
6-Oct-97	HT-01	17998	45,840	22.92	159.20				
6-Oct-97	HT-01	18007	45,360	22.68	181.88				
6-Oct-97	HT-01	18016	46,660	23.33	205.21				
6-Oct-97	HT-01	18024	43,420	21.71	226.92				
6-Oct-97	HT-01	18033	48,140	24.07	250.99				
6-Oct-97	HT-01	18042	45,800	22.90	273.89	273.89	12		
6-Oct-97	HT-10	17911	66,580	33.29	307.18				
6-Oct-97	HT-10	17916	67,620	33.81	340.99				
6-Oct-97	HT-10	17923	69,300	34.65	375.64				
6-Oct-97	HT-10	17929	64,560	32.28	407.92				
6-Oct-97	HT-10	17936	65,080	32.54	440.46				
6-Oct-97	HT-10	17943	60,440	30.22	470.68				
6-Oct-97	HT-10	17952	61,500	30.75	501.43				
6-Oct-97	HT-10	17961	62,360	31.18	532.61				
6-Oct-97	HT-10	17970	62,480	31.24	563.85				
6-Oct-97	HT-10	17979	65,220	32.61	596.46				
6-Oct-97	HT-10	17988	61,560	30.78	627.24				
6-Oct-97	HT-10	17996	58,700	29.35	656.59				
6-Oct-97	HT-10	18004	62,860	31.43	688.02				
6-Oct-97	HT-10	18013	62,680	31.34	719.36				
6-Oct-97	HT-10	18022	62,100	31.05	750.41				
6-Oct-97	HT-10	18031	64,940	32.47	782.88				
6-Oct-97	HT-10	18040	61,760	30.88	813.76	539.87	17		
6-Oct-97	HT-12	17950	43,340	21.67	835.43				
6-Oct-97	HT-12	17959	46,280	23.14	858.57				
6-Oct-97	HT-12	17968	46,000	23.00	881.57				
6-Oct-97	HT-12	17977	46,860	23.43	905.00				
6-Oct-97	HT-12	17986	45,980	22.99	927.99				
6-Oct-97	HT-12	17994	45,360	22.68	950.67				
6-Oct-97	HT-12	18002	45,240	22.62	973.29				
6-Oct-97	HT-12	18011	44,860	22.43	995.72				
6-Oct-97	HT-12	18020	45,440	22.72	1,018.44				
6-Oct-97	HT-12	18029	46,640	23.32	1,041.76				
6-Oct-97	HT-12	18038	46,620	23.31	1,065.07	251.31	11		
6-Oct-97	HT-13	17917	63,360	31.68	1,096.75				
6-Oct-97	HT-13	17924	68,580	34.29	1,131.04				
6-Oct-97	HT-13	17931	65,420	32.71	1,163.75				
6-Oct-97	HT-13	17938	61,280	30.64	1,194.39				
6-Oct-97	HT-13	17946	60,800	30.40	1,224.79				
6-Oct-97	HT-13	17955	60,120	30.06	1,254.85				
6-Oct-97	HT-13	17964	60,220	30.11	1,284.96				
6-Oct-97	HT-13	17973	60,700	30.35	1,315.31				
6-Oct-97	HT-13	17982	66,520	33.26	1,348.57				
6-Oct-97	HT-13	17991	64,740	32.37	1,380.94				
6-Oct-97	HT-13	18001	65,300	32.65	1,413.59				
6-Oct-97	HT-13	18010	62,920	31.46	1,445.05				
6-Oct-97	HT-13	18028	65,560	32.78	1,477.83				
6-Oct-97	HT-13	18037	64,220	32.11	1,509.94	444.87	14		
6-Oct-97	HT-14	17913	52,640	26.32	1,536.26				
6-Oct-97	HT-14	17919	48,300	24.15	1,560.41				
6-Oct-97	HT-14	17926	49,680	24.84	1,585.25				
6-Oct-97	HT-14	17933	46,360	23.18	1,608.43				
6-Oct-97	HT-14	17940	46,700	23.35	1,631.78				
6-Oct-97	HT-14	17948	45,520	22.76	1,654.54				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
6-Oct-97	HT-14	17957	49,560	24.78	1,679.32				
6-Oct-97	HT-14	17966	46,540	23.27	1,702.59				
6-Oct-97	HT-14	17975	49,840	24.92	1,727.51				
6-Oct-97	HT-14	17984	42,760	21.38	1,748.89				
6-Oct-97	HT-14	17992	46,540	23.27	1,772.16				
6-Oct-97	HT-14	17999	44,700	22.35	1,794.51				
6-Oct-97	HT-14	18008	47,660	23.83	1,818.34				
6-Oct-97	HT-14	18017	44,260	22.13	1,840.47				
6-Oct-97	HT-14	18019	71,820	35.91	1,876.38				
6-Oct-97	HT-14	18026	44,720	22.36	1,898.74				
6-Oct-97	HT-14	18034	46,520	23.26	1,922.00	412.06	17		
6-Oct-97	HT-17	17922	71,840	35.92	1,957.92				
6-Oct-97	HT-17	17930	61,820	30.91	1,988.83				
6-Oct-97	HT-17	17937	65,680	32.84	2,021.67				
6-Oct-97	HT-17	17944	68,360	34.18	2,055.85				
6-Oct-97	HT-17	17953	63,000	31.50	2,087.35				
6-Oct-97	HT-17	17962	60,420	30.21	2,117.56				
6-Oct-97	HT-17	17971	62,620	31.31	2,148.87				
6-Oct-97	HT-17	17980	62,640	31.32	2,180.19				
6-Oct-97	HT-17	17989	68,200	34.10	2,214.29				
6-Oct-97	HT-17	17997	63,220	31.61	2,245.90				
6-Oct-97	HT-17	18004	65,180	32.59	2,278.49				
6-Oct-97	HT-17	18015	66,940	33.47	2,311.96				
6-Oct-97	HT-17	18025	66,080	33.04	2,345.00				
6-Oct-97	HT-17	18035	67,500	33.75	2,378.75	456.75	14		
6-Oct-97	HT-18	17912	48,400	24.20	2,402.95				
6-Oct-97	HT-18	17918	53,360	26.68	2,429.63				
6-Oct-97	HT-18	17925	47,100	23.55	2,453.18				
6-Oct-97	HT-18	17932	46,800	23.40	2,476.58				
6-Oct-97	HT-18	17939	46,980	23.49	2,500.07				
6-Oct-97	HT-18	17947	45,580	22.79	2,522.86				
6-Oct-97	HT-18	17956	48,560	24.28	2,547.14				
6-Oct-97	HT-18	17965	46,260	23.13	2,570.27				
6-Oct-97	HT-18	17974	46,560	23.28	2,593.55				
6-Oct-97	HT-18	17983	43,160	21.58	2,615.13				
6-Oct-97	HT-18	18005	46,440	23.22	2,638.35				
6-Oct-97	HT-18	18014	46,920	23.46	2,661.81				
6-Oct-97	HT-18	18023	45,640	22.82	2,684.63				
6-Oct-97	HT-18	18032	46,220	23.11	2,707.74				
6-Oct-97	HT-18	18041	47,120	23.56	2,731.30	352.55	15		
6-Oct-97	HT-19	17915	46,040	23.02	2,754.32				
6-Oct-97	HT-19	17620	49,700	24.85	2,779.17				
6-Oct-97	HT-19	17927	48,000	24.00	2,803.17				
6-Oct-97	HT-19	17934	48,780	24.39	2,827.56				
6-Oct-97	HT-19	17941	48,160	24.08	2,851.64				
6-Oct-97	HT-19	17949	44,760	22.38	2,874.02				
6-Oct-97	HT-19	17958	46,020	23.01	2,897.03				
6-Oct-97	HT-19	17967	46,220	23.11	2,920.14				
6-Oct-97	HT-19	17976	46,700	23.35	2,943.49				
6-Oct-97	HT-19	17985	46,000	23.00	2,966.49				
6-Oct-97	HT-19	17993	46,700	23.35	2,989.84				
6-Oct-97	HT-19	18000	48,340	24.17	3,014.01				
6-Oct-97	HT-19	18009	48,000	24.00	3,038.01				
6-Oct-97	HT-19	18018	45,720	22.86	3,060.87				
6-Oct-97	HT-19	18027	47,480	23.74	3,084.61				
6-Oct-97	HT-19	18036	45,340	22.67	3,107.28	375.98	16		
6-Oct-97	HT-20	17914	64,540	32.27	3,139.55				
6-Oct-97	HT-20	17921	66,240	33.12	3,172.67				
6-Oct-97	HT-20	17928	64,580	32.29	3,204.96				
6-Oct-97	HT-20	17935	65,820	32.91	3,237.87				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
6-Oct-97	HT-20	17942	63,600	31.80	3,269.67				
6-Oct-97	HT-20	17951	61,880	30.94	3,300.61				
6-Oct-97	HT-20	17960	61,480	30.74	3,331.35				
6-Oct-97	HT-20	17969	64,680	32.34	3,363.69				
6-Oct-97	HT-20	17978	62,180	31.09	3,394.78				
6-Oct-97	HT-20	17987	60,700	30.35	3,425.13				
6-Oct-97	HT-20	17995	61,340	30.67	3,455.80				
6-Oct-97	HT-20	18003	69,480	34.74	3,490.54				
6-Oct-97	HT-20	18012	62,980	31.49	3,522.03				
6-Oct-97	HT-20	18021	65,380	32.69	3,554.72				
6-Oct-97	HT-20	18030	65,860	32.93	3,587.65				
6-Oct-97	HT-20	18039	66,600	33.30	3,620.95	513.67	16		
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7-Oct-97	HT-01	18094	46,700	23.35	23.35				
7-Oct-97	HT-01	18103	43,420	21.71	45.06				
7-Oct-97	HT-01	18112	45,400	22.70	67.76				
7-Oct-97	HT-01	18123	47,540	23.77	91.53				
7-Oct-97	HT-01	18132	47,240	23.62	115.15				
7-Oct-97	HT-01	18140	46,580	23.29	138.44				
7-Oct-97	HT-01	18148	46,040	23.02	161.46				
7-Oct-97	HT-01	18155	48,540	24.27	185.73				
7-Oct-97	HT-01	18163	45,600	22.80	208.53				
7-Oct-97	HT-01	18172	48,200	24.10	232.63	232.63	10		
7-Oct-97	HT-10	18160	59,980	29.99	262.62				
7-Oct-97	HT-10	18152	59,420	29.71	292.33				
7-Oct-97	HT-10	18144	57,140	28.57	320.90				
7-Oct-97	HT-10	18136	61,420	30.71	351.61				
7-Oct-97	HT-10	18127	59,920	29.96	381.57				
7-Oct-97	HT-10	18118	64,420	32.21	413.78				
7-Oct-97	HT-10	18109	64,340	32.17	445.95				
7-Oct-97	HT-10	18100	66,140	33.07	479.02				
7-Oct-97	HT-10	18091	65,780	32.89	511.91				
7-Oct-97	HT-10	18083	61,560	30.78	542.69				
7-Oct-97	HT-10	18075	63,720	31.86	574.55				
7-Oct-97	HT-10	18067	63,920	31.96	606.51				
7-Oct-97	HT-10	18059	62,660	31.33	637.84				
7-Oct-97	HT-10	18051	63,560	31.78	669.62				
7-Oct-97	HT-10	18043	61,740	30.87	700.49				
7-Oct-97	HT-10	18169	56,620	28.31	728.80	496.17	16		
7-Oct-97	HT-12	18045	45,320	22.66	751.46				
7-Oct-97	HT-12	18053	46,400	23.20	774.66				
7-Oct-97	HT-12	18061	46,620	23.31	797.97				
7-Oct-97	HT-12	18069	49,860	24.93	822.90				
7-Oct-97	HT-12	18077	47,940	23.97	846.87				
7-Oct-97	HT-12	18085	47,380	23.69	870.56				
7-Oct-97	HT-12	18093	47,060	23.53	894.09				
7-Oct-97	HT-12	18102	47,100	23.55	917.64				
7-Oct-97	HT-12	18111	46,740	23.37	941.01				
7-Oct-97	HT-12	18120	46,440	23.22	964.23				
7-Oct-97	HT-12	18129	46,180	23.09	987.32				
7-Oct-97	HT-12	18137	42,920	21.46	1,008.78				
7-Oct-97	HT-12	18145	44,200	22.10	1,030.88				
7-Oct-97	HT-12	18153	47,400	23.70	1,054.58				
7-Oct-97	HT-12	18161	44,120	22.06	1,076.64				
7-Oct-97	HT-12	18170	47,940	23.97	1,100.61	371.81	16		
7-Oct-97	HT-13	18049	62,740	31.37	1,131.98				
7-Oct-97	HT-13	18057	63,280	31.64	1,163.62				
7-Oct-97	HT-13	18065	61,820	30.91	1,194.53				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
7-Oct-97	HT-13	18073	63,860	31.93	1,226.46				
7-Oct-97	HT-13	18081	66,280	33.14	1,259.60				
7-Oct-97	HT-13	18089	66,200	33.10	1,292.70				
7-Oct-97	HT-13	18098	65,020	32.51	1,325.21				
7-Oct-97	HT-13	18107	63,480	31.74	1,356.95				
7-Oct-97	HT-13	18115	64,160	32.08	1,389.03				
7-Oct-97	HT-13	18124	61,520	30.76	1,419.79				
7-Oct-97	HT-13	18133	56,780	28.39	1,448.18				
7-Oct-97	HT-13	18141	61,300	30.65	1,478.83				
7-Oct-97	HT-13	18149	64,700	32.35	1,511.18				
7-Oct-97	HT-13	18157	58,200	29.10	1,540.28				
7-Oct-97	HT-13	18166	58,320	29.16	1,569.44	468.83	15		
7-Oct-97	HT-14	18047	47,420	23.71	1,593.15				
7-Oct-97	HT-14	18055	49,940	24.97	1,618.12				
7-Oct-97	HT-14	18063	46,360	23.18	1,641.30				
7-Oct-97	HT-14	18071	46,120	23.06	1,664.36				
7-Oct-97	HT-14	18079	49,200	24.60	1,688.96				
7-Oct-97	HT-14	18087	44,760	22.38	1,711.34				
7-Oct-97	HT-14	18096	46,440	23.22	1,734.56				
7-Oct-97	HT-14	18105	42,880	21.44	1,756.00				
7-Oct-97	HT-14	18114	44,380	22.19	1,778.19				
7-Oct-97	HT-14	18122	43,980	21.99	1,800.18				
7-Oct-97	HT-14	18131	43,580	21.79	1,821.97				
7-Oct-97	HT-14	18139	45,200	22.60	1,844.57				
7-Oct-97	HT-14	18147	43,220	21.61	1,866.18				
7-Oct-97	HT-14	18154	47,800	23.90	1,890.08				
7-Oct-97	HT-14	18162	47,700	23.85	1,913.93				
7-Oct-97	HT-14	18171	47,460	23.73	1,937.66	368.22	16		
7-Oct-97	HT-17	18046	67,560	33.78	1,971.44				
7-Oct-97	HT-17	18054	64,800	32.40	2,003.84				
7-Oct-97	HT-17	18062	63,020	31.51	2,035.35				
7-Oct-97	HT-17	18070	64,880	32.44	2,067.79				
7-Oct-97	HT-17	18078	70,220	35.11	2,102.90				
7-Oct-97	HT-17	18086	68,520	34.26	2,137.16				
7-Oct-97	HT-17	18095	67,120	33.56	2,170.72				
7-Oct-97	HT-17	18104	66,080	33.04	2,203.76				
7-Oct-97	HT-17	18113	62,780	31.39	2,235.15				
7-Oct-97	HT-17	18121	64,240	32.12	2,267.27				
7-Oct-97	HT-17	18130	61,680	30.84	2,298.11				
7-Oct-97	HT-17	18138	60,420	30.21	2,328.32				
7-Oct-97	HT-17	18146	61,300	30.65	2,358.97				
7-Oct-97	HT-17	18156	63,620	31.81	2,390.78				
7-Oct-97	HT-17	18164	62,340	31.17	2,421.95				
7-Oct-97	HT-17	18173	59,800	29.90	2,451.85	514.19	16		
7-Oct-97	HT-18	18044	50,100	25.05	2,476.90				
7-Oct-97	HT-18	18052	47,720	23.86	2,500.76				
7-Oct-97	HT-18	18060	47,320	23.66	2,524.42				
7-Oct-97	HT-18	18068	47,760	23.88	2,548.30				
7-Oct-97	HT-18	18076	49,880	24.94	2,573.24				
7-Oct-97	HT-18	18084	48,140	24.07	2,597.31				
7-Oct-97	HT-18	18092	46,600	23.30	2,620.61				
7-Oct-97	HT-18	18101	46,640	23.32	2,643.93				
7-Oct-97	HT-18	18110	46,140	23.07	2,667.00				
7-Oct-97	HT-18	18119	48,200	24.10	2,691.10				
7-Oct-97	HT-18	18128	46,440	23.22	2,714.32	262.47	11		
7-Oct-97	HT-19	18050	49,280	24.64	2,738.96				
7-Oct-97	HT-19	18058	48,940	24.47	2,763.43				
7-Oct-97	HT-19	18066	46,440	23.22	2,786.65				
7-Oct-97	HT-19	18074	47,500	23.75	2,810.40				
7-Oct-97	HT-19	18082	48,360	24.18	2,834.58				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
7-Oct-97	HT-19	18090	46,400	23.20	2,857.78				
7-Oct-97	HT-19	18099	46,700	23.35	2,881.13				
7-Oct-97	HT-19	18108	43,960	21.98	2,903.11				
7-Oct-97	HT-19	18117	48,480	24.24	2,927.35				
7-Oct-97	HT-19	18125	48,200	24.10	2,951.45				
7-Oct-97	HT-19	18134	43,020	21.51	2,972.96				
7-Oct-97	HT-19	18142	45,900	22.95	2,995.91				
7-Oct-97	HT-19	18150	47,180	23.59	3,019.50				
7-Oct-97	HT-19	18167	44,460	22.23	3,041.73	327.41	14		
7-Oct-97	HT-20	18168	62,800	31.40	3,073.13				
7-Oct-97	HT-20	18048	65,360	32.68	3,105.81				
7-Oct-97	HT-20	18056	66,080	33.04	3,138.85				
7-Oct-97	HT-20	18064	63,700	31.85	3,170.70				
7-Oct-97	HT-20	18072	60,580	30.29	3,200.99				
7-Oct-97	HT-20	18080	69,360	34.68	3,235.67				
7-Oct-97	HT-20	18088	64,860	32.43	3,268.10				
7-Oct-97	HT-20	18097	66,860	33.43	3,301.53				
7-Oct-97	HT-20	18106	63,760	31.88	3,333.41				
7-Oct-97	HT-20	18116	66,060	33.03	3,366.44				
7-Oct-97	HT-20	18126	63,580	31.79	3,398.23				
7-Oct-97	HT-20	18135	58,940	29.47	3,427.70				
7-Oct-97	HT-20	18143	63,020	31.51	3,459.21				
7-Oct-97	HT-20	18151	57,480	28.74	3,487.95				
7-Oct-97	HT-20	18153	49,940	24.97	3,512.92				
7-Oct-97	HT-20	18159	57,880	28.94	3,541.86	500.13	16		
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8-Oct-97	HT-01	18179	46,100	23.05	23.05				
8-Oct-97	HT-01	18188	44,680	22.34	45.39				
8-Oct-97	HT-01	18195	47,620	23.81	69.20				
8-Oct-97	HT-01	18202	42,520	21.26	90.46				
8-Oct-97	HT-01	18210	49,060	24.53	114.99				
8-Oct-97	HT-01	18217	50,040	25.02	140.01				
8-Oct-97	HT-01	18233	49,160	24.58	164.59				
8-Oct-97	HT-01	18241	46,100	23.05	187.64				
8-Oct-97	HT-01	18249	47,840	23.92	211.56				
8-Oct-97	HT-01	18257	51,060	25.53	237.09				
8-Oct-97	HT-01	18267	49,020	24.51	261.60				
8-Oct-97	HT-01	18274	47,640	23.82	285.42				
8-Oct-97	HT-01	18282	45,240	22.62	308.04				
8-Oct-97	HT-01	18289	50,040	25.02	333.06				
8-Oct-97	HT-01	18302	45,180	22.59	355.65				
8-Oct-97	HT-01	18296	46,740	23.37	379.02	379.02	16		
8-Oct-97	HT-10	18176	60,820	30.41	409.43				
8-Oct-97	HT-10	18184	60,720	30.36	439.79				
8-Oct-97	HT-10	18192	62,040	31.02	470.81				
8-Oct-97	HT-10	18200	58,240	29.12	499.93				
8-Oct-97	HT-10	18208	61,200	30.60	530.53				
8-Oct-97	HT-10	18218	64,660	32.33	562.86				
8-Oct-97	HT-10	18226	63,240	31.62	594.48				
8-Oct-97	HT-10	18234	61,220	30.61	625.09				
8-Oct-97	HT-10	18242	61,720	30.86	655.95				
8-Oct-97	HT-10	18250	62,940	31.47	687.42				
8-Oct-97	HT-10	18258	60,600	30.30	717.72				
8-Oct-97	HT-10	18265	62,020	31.01	748.73				
8-Oct-97	HT-10	18273	58,500	29.25	777.98				
8-Oct-97	HT-10	18281	57,800	28.90	806.88	427.86	14		
8-Oct-97	HT-12	18178	47,120	23.56	830.44				
8-Oct-97	HT-12	18186	47,520	23.76	854.20				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
8-Oct-97	HT-12	18194	46,700	23.35	877.55				
8-Oct-97	HT-12	18201	42,120	21.06	898.61				
8-Oct-97	HT-12	18209	48,920	24.46	923.07				
8-Oct-97	HT-12	18216	49,180	24.59	947.66				
8-Oct-97	HT-12	18224	45,600	22.80	970.46				
8-Oct-97	HT-12	18232	47,160	23.58	994.04				
8-Oct-97	HT-12	18240	47,980	23.99	1,018.03				
8-Oct-97	HT-12	18248	45,780	22.89	1,040.92				
8-Oct-97	HT-12	18256	46,380	23.19	1,064.11				
8-Oct-97	HT-12	18264	47,700	23.85	1,087.96				
8-Oct-97	HT-12	18272	45,180	22.59	1,110.55				
8-Oct-97	HT-12	18280	47,400	23.70	1,134.25				
8-Oct-97	HT-12	18288	47,460	23.73	1,157.98				
8-Oct-97	HT-12	18295	47,420	23.71	1,181.69				
8-Oct-97	HT-12	18301	45,820	22.91	1,204.60	397.72	17		
8-Oct-97	HT-13	18181	64,120	32.06	1,236.66				
8-Oct-97	HT-13	18189	62,640	31.32	1,267.98				
8-Oct-97	HT-13	18197	58,920	29.46	1,297.44				
8-Oct-97	HT-13	18205	63,840	31.92	1,329.36				
8-Oct-97	HT-13	18213	67,520	33.76	1,363.12				
8-Oct-97	HT-13	18221	62,740	31.37	1,394.49				
8-Oct-97	HT-13	18229	61,320	30.66	1,425.15				
8-Oct-97	HT-13	18237	61,620	30.81	1,455.96				
8-Oct-97	HT-13	18245	60,260	30.13	1,486.09				
8-Oct-97	HT-13	18253	63,960	31.98	1,518.07				
8-Oct-97	HT-13	18261	61,080	30.54	1,548.61				
8-Oct-97	HT-13	18269	61,980	30.99	1,579.60				
8-Oct-97	HT-13	18278	59,720	29.86	1,609.46				
8-Oct-97	HT-13	18287	62,900	31.45	1,640.91				
8-Oct-97	HT-13	18293	59,360	29.68	1,670.59				
8-Oct-97	HT-13	18300	56,720	28.36	1,698.95	494.35	16		
8-Oct-97	HT-14	18177	47,320	23.66	1,722.61				
8-Oct-97	HT-14	18185	46,400	23.20	1,745.81				
8-Oct-97	HT-14	18193	46,460	23.23	1,769.04				
8-Oct-97	HT-14	18203	46,720	23.36	1,792.40				
8-Oct-97	HT-14	18215	47,100	23.55	1,815.95				
8-Oct-97	HT-14	18223	48,420	24.21	1,840.16				
8-Oct-97	HT-14	18231	47,080	23.54	1,863.70				
8-Oct-97	HT-14	18239	50,020	25.01	1,888.71				
8-Oct-97	HT-14	18247	44,560	22.28	1,910.99				
8-Oct-97	HT-14	18255	50,140	25.07	1,936.06				
8-Oct-97	HT-14	18263	48,940	24.47	1,960.53				
8-Oct-97	HT-14	18271	45,440	22.72	1,983.25				
8-Oct-97	HT-14	18279	48,700	24.35	2,007.60				
8-Oct-97	HT-14	18286	48,460	24.23	2,031.83				
8-Oct-97	HT-14	18294	46,360	23.18	2,055.01				
8-Oct-97	HT-14	18299	46,620	23.31	2,078.32	379.37	16		
8-Oct-97	HT-17	18174	60,580	30.29	2,108.61				
8-Oct-97	HT-17	18182	60,420	30.21	2,138.82				
8-Oct-97	HT-17	18190	60,440	30.22	2,169.04				
8-Oct-97	HT-17	18198	60,120	30.06	2,199.10				
8-Oct-97	HT-17	18207	61,700	30.85	2,229.95				
8-Oct-97	HT-17	18212	64,940	32.47	2,262.42				
8-Oct-97	HT-17	18220	64,520	32.26	2,294.68				
8-Oct-97	HT-17	18228	63,140	31.57	2,326.25				
8-Oct-97	HT-17	18236	64,920	32.46	2,358.71				
8-Oct-97	HT-17	18244	61,820	30.91	2,389.62				
8-Oct-97	HT-17	18252	63,480	31.74	2,421.36				
8-Oct-97	HT-17	18260	62,960	31.48	2,452.84				
8-Oct-97	HT-17	18268	63,680	31.84	2,484.68				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
8-Oct-97	HT-17	18276	63,500	31.75	2,516.43				
8-Oct-97	HT-17	18284	64,420	32.21	2,548.64				
8-Oct-97	HT-17	18291	63,500	31.75	2,580.39				
8-Oct-97	HT-17	18304	57,320	28.66	2,609.05	530.73	17		
8-Oct-97	HT-19	18175	50,480	25.24	2,634.29				
8-Oct-97	HT-19	18183	49,760	24.88	2,659.17				
8-Oct-97	HT-19	18191	47,620	23.81	2,682.98				
8-Oct-97	HT-19	18199	45,300	22.65	2,705.63				
8-Oct-97	HT-19	18206	45,560	22.78	2,728.41				
8-Oct-97	HT-19	18214	49,680	24.84	2,753.25				
8-Oct-97	HT-19	18222	49,780	24.89	2,778.14				
8-Oct-97	HT-19	18230	49,240	24.62	2,802.76				
8-Oct-97	HT-19	18238	48,940	24.47	2,827.23				
8-Oct-97	HT-19	18246	40,420	20.21	2,847.44				
8-Oct-97	HT-19	18254	47,520	23.76	2,871.20				
8-Oct-97	HT-19	18262	51,060	25.53	2,896.73				
8-Oct-97	HT-19	18270	49,420	24.71	2,921.44				
8-Oct-97	HT-19	18277	48,280	24.14	2,945.58				
8-Oct-97	HT-19	18285	51,360	25.68	2,971.26				
8-Oct-97	HT-19	18292	47,660	23.83	2,995.09	386.04	16		
8-Oct-97	HT-20	18180	63,440	31.72	3,026.81				
8-Oct-97	HT-20	18187	62,300	31.15	3,057.96				
8-Oct-97	HT-20	18196	61,080	30.54	3,088.50				
8-Oct-97	HT-20	18204	60,540	30.27	3,118.77				
8-Oct-97	HT-20	18211	65,880	32.94	3,151.71				
8-Oct-97	HT-20	18219	65,940	32.97	3,184.68				
8-Oct-97	HT-20	18227	62,220	31.11	3,215.79				
8-Oct-97	HT-20	18235	60,060	30.03	3,245.82				
8-Oct-97	HT-20	18243	63,840	31.92	3,277.74				
8-Oct-97	HT-20	18251	64,860	32.43	3,310.17				
8-Oct-97	HT-20	18259	62,000	31.00	3,341.17				
8-Oct-97	HT-20	18266	61,040	30.52	3,371.69				
8-Oct-97	HT-20	18275	62,820	31.41	3,403.10				
8-Oct-97	HT-20	18283	59,080	29.54	3,432.64				
8-Oct-97	HT-20	18290	59,700	29.85	3,462.49				
8-Oct-97	HT-20	18297	61,860	30.93	3,493.42				
8-Oct-97	HT-20	18298	60,320	30.16	3,523.58				
8-Oct-97	HT-20	18303	60,180	30.09	3,553.67	558.58	18		
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30-Oct-97	HT-10	19003	56,920	28.46	28.46				
30-Oct-97	HT-10	19009	60,960	30.48	58.94				
30-Oct-97	HT-10	19015	58,500	29.25	88.19				
30-Oct-97	HT-10	19021	57,380	28.69	116.88				
30-Oct-97	HT-10	19027	59,920	29.96	146.84				
30-Oct-97	HT-10	19033	59,320	29.66	176.50				
30-Oct-97	HT-10	19040	57,480	28.74	205.24				
30-Oct-97	HT-10	19047	58,180	29.09	234.33				
30-Oct-97	HT-10	19054	58,740	29.37	263.70				
30-Oct-97	HT-10	19061	60,020	30.01	293.71				
30-Oct-97	HT-10	19069	54,320	27.16	320.87				
30-Oct-97	HT-10	19076	54,760	27.38	348.25				
30-Oct-97	HT-10	19083	53,460	26.73	374.98				
30-Oct-97	HT-10	19090	60,060	30.03	405.01				
30-Oct-97	HT-10	19097	50,800	25.40	430.41				
30-Oct-97	HT-10	19104	55,940	27.97	458.38				
30-Oct-97	HT-10	19114	54,360	27.18	485.56				
30-Oct-97	HT-10	19121	53,940	26.97	512.53				
30-Oct-97	HT-10	19128	55,140	27.57	540.10				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
30-Oct-97	HT-10	19135	55,960	27.98	568.08				
30-Oct-97	HT-10	19141	54,100	27.05	595.13	595.13	21		
30-Oct-97	HT-13	19006	61,940	30.97	626.10				
30-Oct-97	HT-13	19012	57,860	28.93	655.03				
30-Oct-97	HT-13	19019	63,700	31.85	686.88				
30-Oct-97	HT-13	19025	62,020	31.01	717.89				
30-Oct-97	HT-13	19031	61,140	30.57	748.46				
30-Oct-97	HT-13	19039	58,640	29.32	777.78				
30-Oct-97	HT-13	19046	60,720	30.36	808.14				
30-Oct-97	HT-13	19053	58,880	29.44	837.58				
30-Oct-97	HT-13	19060	59,220	29.61	867.19				
30-Oct-97	HT-13	19068	60,180	30.09	897.28				
30-Oct-97	HT-13	19075	58,500	29.25	926.53				
30-Oct-97	HT-13	19082	56,100	28.05	954.58				
30-Oct-97	HT-13	19089	59,360	29.68	984.26				
30-Oct-97	HT-13	19096	50,980	25.49	1,009.75				
30-Oct-97	HT-13	19103	58,100	29.05	1,038.80				
30-Oct-97	HT-13	19112	55,060	27.53	1,066.33				
30-Oct-97	HT-13	19119	56,120	28.06	1,094.39				
30-Oct-97	HT-13	19126	59,060	29.53	1,123.92				
30-Oct-97	HT-13	19133	59,900	29.95	1,153.87				
30-Oct-97	HT-13	19139	56,440	28.22	1,182.09	586.96	20		
30-Oct-97	HT-14	19002	53,100	26.55	1,208.64				
30-Oct-97	HT-14	19008	46,940	23.47	1,232.11				
30-Oct-97	HT-14	19014	47,020	23.51	1,255.62				
30-Oct-97	HT-14	19020	45,260	22.63	1,278.25				
30-Oct-97	HT-14	19026	46,440	23.22	1,301.47				
30-Oct-97	HT-14	19032	47,360	23.68	1,325.15				
30-Oct-97	HT-14	19038	45,160	22.58	1,347.73				
30-Oct-97	HT-14	19045	42,740	21.37	1,369.10				
30-Oct-97	HT-14	19052	44,340	22.17	1,391.27				
30-Oct-97	HT-14	19059	45,380	22.69	1,413.96				
30-Oct-97	HT-14	19067	48,920	24.46	1,438.42				
30-Oct-97	HT-14	19074	45,300	22.65	1,461.07				
30-Oct-97	HT-14	19081	44,620	22.31	1,483.38				
30-Oct-97	HT-14	19088	47,740	23.87	1,507.25				
30-Oct-97	HT-14	19095	45,240	22.62	1,529.87				
30-Oct-97	HT-14	19102	41,500	20.75	1,550.62				
30-Oct-97	HT-14	19111	44,660	22.33	1,572.95				
30-Oct-97	HT-14	19118	42,180	21.09	1,594.04				
30-Oct-97	HT-14	19125	41,900	20.95	1,614.99				
30-Oct-97	HT-14	19132	42,580	21.29	1,636.28	454.19	20		
30-Oct-97	HT-17	19005	63,460	31.73	1,668.01				
30-Oct-97	HT-17	19011	61,940	30.97	1,698.98				
30-Oct-97	HT-17	19017	58,320	29.16	1,728.14				
30-Oct-97	HT-17	19023	63,620	31.81	1,759.95				
30-Oct-97	HT-17	19029	61,820	30.91	1,790.86				
30-Oct-97	HT-17	19037	59,280	29.64	1,820.50				
30-Oct-97	HT-17	19044	57,040	28.52	1,849.02				
30-Oct-97	HT-17	19051	60,380	30.19	1,879.21				
30-Oct-97	HT-17	19058	57,980	28.99	1,908.20				
30-Oct-97	HT-17	19065	61,300	30.65	1,938.85				
30-Oct-97	HT-17	19073	60,580	30.29	1,969.14				
30-Oct-97	HT-17	19080	55,420	27.71	1,996.85				
30-Oct-97	HT-17	19087	61,140	30.57	2,027.42				
30-Oct-97	HT-17	19094	56,200	28.10	2,055.52				
30-Oct-97	HT-17	19101	59,220	29.61	2,085.13				
30-Oct-97	HT-17	19110	57,760	28.88	2,114.01				
30-Oct-97	HT-17	19117	55,360	27.68	2,141.69				
30-Oct-97	HT-17	19124	59,480	29.74	2,171.43				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
30-Oct-97	HT-17	19131	58,820	29.41	2,200.84				
30-Oct-97	HT-17	19138	56,040	28.02	2,228.86				
30-Oct-97	HT-17	19144	53,040	26.52	2,255.38	619.10	21		
30-Oct-97	HT-18	19001	51,660	25.83	2,281.21				
30-Oct-97	HT-18	19007	48,540	24.27	2,305.48				
30-Oct-97	HT-18	19013	47,620	23.81	2,329.29				
30-Oct-97	HT-18	19018	45,260	22.63	2,351.92				
30-Oct-97	HT-18	19024	49,320	24.66	2,376.58				
30-Oct-97	HT-18	19030	47,860	23.93	2,400.51				
30-Oct-97	HT-18	19036	48,120	24.06	2,424.57				
30-Oct-97	HT-18	19043	44,240	22.12	2,446.69				
30-Oct-97	HT-18	19050	46,480	23.24	2,469.93				
30-Oct-97	HT-18	19057	48,160	24.08	2,494.01				
30-Oct-97	HT-18	19064	45,100	22.55	2,516.56				
30-Oct-97	HT-18	19072	44,460	22.23	2,538.79				
30-Oct-97	HT-18	19079	42,400	21.20	2,559.99				
30-Oct-97	HT-18	19086	45,880	22.94	2,582.93				
30-Oct-97	HT-18	19093	43,880	21.94	2,604.87				
30-Oct-97	HT-18	19100	45,100	22.55	2,627.42				
30-Oct-97	HT-18	19109	44,340	22.17	2,649.59				
30-Oct-97	HT-18	19116	41,660	20.83	2,670.42				
30-Oct-97	HT-18	19123	40,160	20.08	2,690.50				
30-Oct-97	HT-18	19130	44,300	22.15	2,712.65				
30-Oct-97	HT-18	19137	41,740	20.87	2,733.52				
30-Oct-97	HT-18	19143	44,680	22.34	2,755.86	500.48	22		
30-Oct-97	HT-19	19004	49,940	24.97	2,780.83				
30-Oct-97	HT-19	19010	45,880	22.94	2,803.77				
30-Oct-97	HT-19	19016	46,320	23.16	2,826.93				
30-Oct-97	HT-19	19022	46,840	23.42	2,850.35				
30-Oct-97	HT-19	19028	48,400	24.20	2,874.55				
30-Oct-97	HT-19	19034	44,180	22.09	2,896.64				
30-Oct-97	HT-19	19041	45,240	22.62	2,919.26				
30-Oct-97	HT-19	19048	45,020	22.51	2,941.77				
30-Oct-97	HT-19	19055	45,300	22.65	2,964.42				
30-Oct-97	HT-19	19062	47,940	23.97	2,988.39				
30-Oct-97	HT-19	19070	42,440	21.22	3,009.61				
30-Oct-97	HT-19	19077	44,720	22.36	3,031.97				
30-Oct-97	HT-19	19084	44,920	22.46	3,054.43				
30-Oct-97	HT-19	19091	46,100	23.05	3,077.48				
30-Oct-97	HT-19	19098	41,880	20.94	3,098.42				
30-Oct-97	HT-19	19105	43,000	21.50	3,119.92				
30-Oct-97	HT-19	19113	44,520	22.26	3,142.18				
30-Oct-97	HT-19	19120	44,240	22.12	3,164.30				
30-Oct-97	HT-19	19127	42,520	21.26	3,185.56				
30-Oct-97	HT-19	19134	42,940	21.47	3,207.03				
30-Oct-97	HT-19	19140	42,000	21.00	3,228.03	472.17	21		
30-Oct-97	HT-20	19035	62,660	31.33	3,259.36				
30-Oct-97	HT-20	19042	62,860	31.43	3,290.79				
30-Oct-97	HT-20	19049	62,780	31.39	3,322.18				
30-Oct-97	HT-20	19056	59,060	29.53	3,351.71				
30-Oct-97	HT-20	19063	62,420	31.21	3,382.92				
30-Oct-97	HT-20	19071	58,320	29.16	3,412.08				
30-Oct-97	HT-20	19078	56,020	28.01	3,440.09				
30-Oct-97	HT-20	19085	55,080	27.54	3,467.63				
30-Oct-97	HT-20	19092	62,380	31.19	3,498.82				
30-Oct-97	HT-20	19099	59,680	29.84	3,528.66				
30-Oct-97	HT-20	19108	59,740	29.87	3,558.53				
30-Oct-97	HT-20	19115	56,420	28.21	3,586.74				
30-Oct-97	HT-20	19122	53,740	26.87	3,613.61				
30-Oct-97	HT-20	19129	59,560	29.78	3,643.39				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
30-Oct-97	HT-20	19136	58,180	29.09	3,672.48				
30-Oct-97	HT-20	19142	57,780	28.89	3,701.37	473.34	16		
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31-Oct-97	HT-10	19151	59,560	29.78	29.78				
31-Oct-97	HT-10	19158	58,260	29.13	58.91				
31-Oct-97	HT-10	19165	61,160	30.58	89.49				
31-Oct-97	HT-10	19172	58,780	29.39	118.88				
31-Oct-97	HT-10	19179	54,420	27.21	146.09				
31-Oct-97	HT-10	19186	57,760	28.88	174.97				
31-Oct-97	HT-10	19193	59,220	29.61	204.58				
31-Oct-97	HT-10	19200	55,780	27.89	232.47				
31-Oct-97	HT-10	19207	62,640	31.32	263.79				
31-Oct-97	HT-10	19214	59,760	29.88	293.67				
31-Oct-97	HT-10	19221	59,140	29.57	323.24				
31-Oct-97	HT-10	19228	59,500	29.75	352.99				
31-Oct-97	HT-10	19235	59,560	29.78	382.77				
31-Oct-97	HT-10	19242	62,560	31.28	414.05				
31-Oct-97	HT-10	19249	59,500	29.75	443.80				
31-Oct-97	HT-10	19506	63,020	31.51	475.31				
31-Oct-97	HT-10	19513	61,340	30.67	505.98				
31-Oct-97	HT-10	19520	61,740	30.87	536.85				
31-Oct-97	HT-10	19526	55,040	27.52	564.37	564.37	19		
31-Oct-97	HT-12	19150	42,560	21.28	585.65				
31-Oct-97	HT-12	19157	42,460	21.23	606.88				
31-Oct-97	HT-12	19164	44,580	22.29	629.17				
31-Oct-97	HT-12	19171	44,340	22.17	651.34				
31-Oct-97	HT-12	19178	42,240	21.12	672.46				
31-Oct-97	HT-12	19185	45,160	22.58	695.04				
31-Oct-97	HT-12	19191	34,960	17.48	712.52				
31-Oct-97	HT-12	19198	44,540	22.27	734.79				
31-Oct-97	HT-12	19205	44,880	22.44	757.23				
31-Oct-97	HT-12	19212	45,320	22.66	779.89				
31-Oct-97	HT-12	19219	45,540	22.77	802.66				
31-Oct-97	HT-12	19226	46,420	23.21	825.87				
31-Oct-97	HT-12	19233	47,300	23.65	849.52				
31-Oct-97	HT-12	19240	46,380	23.19	872.71				
31-Oct-97	HT-12	19247	43,640	21.82	894.53				
31-Oct-97	HT-12	19503	44,720	22.36	916.89				
31-Oct-97	HT-12	19510	42,660	21.33	938.22				
31-Oct-97	HT-12	19517	40,600	20.30	958.52				
31-Oct-97	HT-12	19524	38,520	19.26	977.78				
31-Oct-97	HT-12	19531	38,800	19.40	997.18	432.81	19		
31-Oct-97	HT-13	19148	59,040	29.52	1,026.70				
31-Oct-97	HT-13	19155	56,140	28.07	1,054.77				
31-Oct-97	HT-13	19162	62,480	31.24	1,086.01				
31-Oct-97	HT-13	19169	61,100	30.55	1,116.56				
31-Oct-97	HT-13	19176	53,240	26.62	1,143.18				
31-Oct-97	HT-13	19183	56,200	28.10	1,171.28				
31-Oct-97	HT-13	19190	56,280	28.14	1,199.42				
31-Oct-97	HT-13	19197	55,480	27.74	1,227.16				
31-Oct-97	HT-13	19204	57,600	28.80	1,255.96				
31-Oct-97	HT-13	19211	58,860	29.43	1,285.39				
31-Oct-97	HT-13	19218	59,980	29.99	1,315.38				
31-Oct-97	HT-13	19225	58,640	29.32	1,344.70				
31-Oct-97	HT-13	19232	56,960	28.48	1,373.18				
31-Oct-97	HT-13	19239	60,220	30.11	1,403.29				
31-Oct-97	HT-13	19246	58,180	29.09	1,432.38				
31-Oct-97	HT-13	19504	57,040	28.52	1,460.90				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
31-Oct-97	HT-13	19511	61,300	30.65	1,491.55				
31-Oct-97	HT-13	19518	58,720	29.36	1,520.91				
31-Oct-97	HT-13	19525	56,860	28.43	1,549.34	552.16	19		
31-Oct-97	HT-17	19146	59,780	29.89	1,579.23				
31-Oct-97	HT-17	19153	61,200	30.60	1,609.83				
31-Oct-97	HT-17	19160	61,840	30.92	1,640.75				
31-Oct-97	HT-17	19167	59,480	29.74	1,670.49				
31-Oct-97	HT-17	19174	55,760	27.88	1,698.37				
31-Oct-97	HT-17	19181	58,740	29.37	1,727.74				
31-Oct-97	HT-17	19188	55,660	27.83	1,755.57				
31-Oct-97	HT-17	19195	53,800	26.90	1,782.47				
31-Oct-97	HT-17	19202	59,000	29.50	1,811.97				
31-Oct-97	HT-17	19209	58,200	29.10	1,841.07				
31-Oct-97	HT-17	19216	58,680	29.34	1,870.41				
31-Oct-97	HT-17	19223	61,260	30.63	1,901.04				
31-Oct-97	HT-17	19230	61,780	30.89	1,931.93				
31-Oct-97	HT-17	19237	59,900	29.95	1,961.88				
31-Oct-97	HT-17	19244	61,700	30.85	1,992.73				
31-Oct-97	HT-17	19501	62,900	31.45	2,024.18				
31-Oct-97	HT-17	19508	60,160	30.08	2,054.26				
31-Oct-97	HT-17	19515	60,600	30.30	2,084.56				
31-Oct-97	HT-17	19522	58,340	29.17	2,113.73				
31-Oct-97	HT-17	19529	56,780	28.39	2,142.12	592.78	20		
31-Oct-97	HT-18	19145	47,320	23.66	2,165.78				
31-Oct-97	HT-18	19152	44,600	22.30	2,188.08				
31-Oct-97	HT-18	19159	42,640	21.32	2,209.40				
31-Oct-97	HT-18	19166	43,640	21.82	2,231.22				
31-Oct-97	HT-18	19173	42,440	21.22	2,252.44				
31-Oct-97	HT-18	19180	44,720	22.36	2,274.80				
31-Oct-97	HT-18	19187	40,880	20.44	2,295.24				
31-Oct-97	HT-18	19194	40,860	20.43	2,315.67				
31-Oct-97	HT-18	19201	46,960	23.48	2,339.15				
31-Oct-97	HT-18	19208	47,400	23.70	2,362.85				
31-Oct-97	HT-18	19215	49,980	24.99	2,387.84				
31-Oct-97	HT-18	19222	47,740	23.87	2,411.71				
31-Oct-97	HT-18	19229	47,420	23.71	2,435.42				
31-Oct-97	HT-18	19236	46,620	23.31	2,458.73				
31-Oct-97	HT-18	19243	44,000	22.00	2,480.73				
31-Oct-97	HT-18	19250	38,580	19.29	2,500.02				
31-Oct-97	HT-18	19507	44,280	22.14	2,522.16				
31-Oct-97	HT-18	19514	44,160	22.08	2,544.24				
31-Oct-97	HT-18	19521	40,300	20.15	2,564.39				
31-Oct-97	HT-18	19528	36,480	18.24	2,582.63	440.51	20		
31-Oct-97	HT-19	19147	43,280	21.64	2,604.27				
31-Oct-97	HT-19	19154	45,620	22.81	2,627.08				
31-Oct-97	HT-19	19161	44,620	22.31	2,649.39				
31-Oct-97	HT-19	19168	46,960	23.48	2,672.87				
31-Oct-97	HT-19	19175	43,680	21.84	2,694.71				
31-Oct-97	HT-19	19182	42,760	21.38	2,716.09				
31-Oct-97	HT-19	19189	44,220	22.11	2,738.20				
31-Oct-97	HT-19	19196	41,940	20.97	2,759.17				
31-Oct-97	HT-19	19203	44,460	22.23	2,781.40				
31-Oct-97	HT-19	19210	46,640	23.32	2,804.72				
31-Oct-97	HT-19	19217	48,280	24.14	2,828.86				
31-Oct-97	HT-19	19224	47,200	23.60	2,852.46				
31-Oct-97	HT-19	19231	47,060	23.53	2,875.99				
31-Oct-97	HT-19	19238	46,300	23.15	2,899.14				
31-Oct-97	HT-19	19245	45,180	22.59	2,921.73				
31-Oct-97	HT-19	19502	41,280	20.64	2,942.37				
31-Oct-97	HT-19	19509	45,460	22.73	2,965.10				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
31-Oct-97	HT-19	19516	43,580	21.79	2,986.89				
31-Oct-97	HT-19	19523	43,180	21.59	3,008.48				
31-Oct-97	HT-19	19530	39,820	19.91	3,028.39	445.76	20		
31-Oct-97	HT-20	19149	60,560	30.28	3,058.67				
31-Oct-97	HT-20	19156	62,100	31.05	3,089.72				
31-Oct-97	HT-20	19163	62,020	31.01	3,120.73				
31-Oct-97	HT-20	19170	59,160	29.58	3,150.31				
31-Oct-97	HT-20	19177	57,040	28.52	3,178.83				
31-Oct-97	HT-20	19184	54,800	27.40	3,206.23				
31-Oct-97	HT-20	19192	58,680	29.34	3,235.57				
31-Oct-97	HT-20	19199	59,200	29.60	3,265.17				
31-Oct-97	HT-20	19206	56,400	28.20	3,293.37				
31-Oct-97	HT-20	19213	57,680	28.84	3,322.21				
31-Oct-97	HT-20	19220	60,400	30.20	3,352.41				
31-Oct-97	HT-20	19227	60,660	30.33	3,382.74				
31-Oct-97	HT-20	19234	58,560	29.28	3,412.02				
31-Oct-97	HT-20	19241	58,180	29.09	3,441.11				
31-Oct-97	HT-20	19248	62,960	31.48	3,472.59				
31-Oct-97	HT-20	19505	64,640	32.32	3,504.91				
31-Oct-97	HT-20	19512	61,480	30.74	3,535.65				
31-Oct-97	HT-20	19519	58,680	29.34	3,564.99				
31-Oct-97	HT-20	19527	57,480	28.74	3,593.73	565.34	19		
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21-Nov-97	HT-01	19538	47,420	23.71	23.71				
21-Nov-97	HT-01	19544	42,240	21.12	44.83				
21-Nov-97	HT-01	19550	44,180	22.09	66.92				
21-Nov-97	HT-01	19563	44,380	22.19	89.11				
21-Nov-97	HT-01	19570	41,420	20.71	109.82				
21-Nov-97	HT-01	19576	42,360	21.18	131.00				
21-Nov-97	HT-01	19583	42,060	21.03	152.03				
21-Nov-97	HT-01	19589	40,720	20.36	172.39				
21-Nov-97	HT-01	19595	43,340	21.67	194.06				
21-Nov-97	HT-01	19601	44,220	22.11	216.17				
21-Nov-97	HT-01	19067	42,980	21.49	237.66				
21-Nov-97	HT-01	19613	43,480	21.74	259.40				
21-Nov-97	HT-01	19619	43,500	21.75	281.15				
21-Nov-97	HT-01	19626	44,060	22.03	303.18				
21-Nov-97	HT-01	19633	43,440	21.72	324.90				
21-Nov-97	HT-01	19640	31,300	15.65	340.55	340.55	16		
21-Nov-97	HT-10	19543	59,660	29.83	370.38				
21-Nov-97	HT-10	19537	57,120	28.56	398.94				
21-Nov-97	HT-10	19532	59,000	29.50	428.44				
21-Nov-97	HT-10	19549	60,040	30.02	458.46				
21-Nov-97	HT-10	19555	58,180	29.09	487.55				
21-Nov-97	HT-10	19561	58,320	29.16	516.71				
21-Nov-97	HT-10	19566	54,040	27.02	543.73				
21-Nov-97	HT-10	19577	52,220	26.11	569.84				
21-Nov-97	HT-10	19584	56,800	28.40	598.24				
21-Nov-97	HT-10	19590	57,980	28.99	627.23				
21-Nov-97	HT-10	19596	54,060	27.03	654.26				
21-Nov-97	HT-10	19602	51,940	25.97	680.23				
21-Nov-97	HT-10	19608	54,260	27.13	707.36				
21-Nov-97	HT-10	19614	53,500	26.75	734.11				
21-Nov-97	HT-10	19621	53,960	26.98	761.09				
21-Nov-97	HT-10	19628	58,780	29.39	790.48				
21-Nov-97	HT-10	19635	55,420	27.71	818.19	477.64	17		
21-Nov-97	HT-12	19558	41,580	20.79	838.98				
21-Nov-97	HT-12	19564	43,320	21.66	860.64				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
21-Nov-97	HT-12	19571	41,140	20.57	881.21				
21-Nov-97	HT-12	19578	38,700	19.35	900.56				
21-Nov-97	HT-12	19585	41,240	20.62	921.18				
21-Nov-97	HT-12	19591	40,700	20.35	941.53				
21-Nov-97	HT-12	19597	42,440	21.22	962.75				
21-Nov-97	HT-12	19603	39,780	19.89	982.64				
21-Nov-97	HT-12	19609	42,020	21.01	1,003.65				
21-Nov-97	HT-12	19615	43,900	21.95	1,025.60				
21-Nov-97	HT-12	19622	42,620	21.31	1,046.91				
21-Nov-97	HT-12	19629	43,920	21.96	1,068.87				
21-Nov-97	HT-12	19636	41,540	20.77	1,089.64	271.45	13		
21-Nov-97	HT-17	19535	55,760	27.88	1,117.52				
21-Nov-97	HT-17	19541	49,800	24.90	1,142.42				
21-Nov-97	HT-17	19547	61,060	30.53	1,172.95				
21-Nov-97	HT-17	19553	63,440	31.72	1,204.67				
21-Nov-97	HT-17	19559	58,960	29.48	1,234.15				
21-Nov-97	HT-17	19565	51,220	25.61	1,259.76				
21-Nov-97	HT-17	19572	56,280	28.14	1,287.90				
21-Nov-97	HT-17	19580	54,800	27.40	1,315.30				
21-Nov-97	HT-17	19586	58,400	29.20	1,344.50				
21-Nov-97	HT-17	19592	60,360	30.18	1,374.68				
21-Nov-97	HT-17	19598	57,260	28.63	1,403.31				
21-Nov-97	HT-17	19604	56,440	28.22	1,431.53				
21-Nov-97	HT-17	19610	52,480	26.24	1,457.77				
21-Nov-97	HT-17	19616	57,080	28.54	1,486.31				
21-Nov-97	HT-17	19623	59,860	29.93	1,516.24				
21-Nov-97	HT-17	19630	57,660	28.83	1,545.07				
21-Nov-97	HT-17	19637	55,360	27.68	1,572.75	483.11	17		
21-Nov-97	HT-18	19533	45,800	22.90	1,595.65				
21-Nov-97	HT-18	19539	42,880	21.44	1,617.09				
21-Nov-97	HT-18	19545	41,500	20.75	1,637.84				
21-Nov-97	HT-18	19551	44,660	22.33	1,660.17				
21-Nov-97	HT-18	19556	42,600	21.30	1,681.47				
21-Nov-97	HT-18	19579	42,540	21.27	1,702.74				
21-Nov-97	HT-18	19568	42,040	21.02	1,723.76				
21-Nov-97	HT-18	19574	40,020	20.01	1,743.77				
21-Nov-97	HT-18	19581	40,900	20.45	1,764.22				
21-Nov-97	HT-18	19587	42,320	21.16	1,785.38				
21-Nov-97	HT-18	19593	40,280	20.14	1,805.52				
21-Nov-97	HT-18	19599	41,920	20.96	1,826.48				
21-Nov-97	HT-18	19605	45,360	22.68	1,849.16				
21-Nov-97	HT-18	19611	42,920	21.46	1,870.62				
21-Nov-97	HT-18	19617	42,020	21.01	1,891.63				
21-Nov-97	HT-18	19624	44,340	22.17	1,913.80				
21-Nov-97	HT-18	19631	45,680	22.84	1,936.64				
21-Nov-97	HT-18	19638	39,100	19.55	1,956.19	383.44	18		
21-Nov-97	HT-19	19534	45,160	22.58	1,978.77				
21-Nov-97	HT-19	19540	44,800	22.40	2,001.17				
21-Nov-97	HT-19	19546	42,320	21.16	2,022.33				
21-Nov-97	HT-19	19552	44,520	22.26	2,044.59				
21-Nov-97	HT-19	19557	40,340	20.17	2,064.76				
21-Nov-97	HT-19	19562	43,360	21.68	2,086.44				
21-Nov-97	HT-19	19569	40,700	20.35	2,106.79				
21-Nov-97	HT-19	19575	41,960	20.98	2,127.77				
21-Nov-97	HT-19	19620	44,180	22.09	2,149.86				
21-Nov-97	HT-19	19627	43,540	21.77	2,171.63				
21-Nov-97	HT-19	19634	44,860	22.43	2,194.06				
21-Nov-97	HT-19	19641	42,560	21.28	2,215.34	259.15	12		
21-Nov-97	HT-20	19536	56,840	28.42	2,243.76				
21-Nov-97	HT-20	19542	57,720	28.86	2,272.62				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
21-Nov-97	HT-20	19548	64,640	32.32	2,304.94				
21-Nov-97	HT-20	19554	61,980	30.99	2,335.93				
21-Nov-97	HT-20	19560	62,320	31.16	2,367.09				
21-Nov-97	HT-20	19567	59,100	29.55	2,396.64				
21-Nov-97	HT-20	19573	58,180	29.09	2,425.73				
21-Nov-97	HT-20	19582	58,160	29.08	2,454.81				
21-Nov-97	HT-20	19588	55,820	27.91	2,482.72				
21-Nov-97	HT-20	19594	58,440	29.22	2,511.94				
21-Nov-97	HT-20	19600	52,220	26.11	2,538.05				
21-Nov-97	HT-20	19606	54,280	27.14	2,565.19				
21-Nov-97	HT-20	19612	54,700	27.35	2,592.54				
21-Nov-97	HT-20	19618	56,660	28.33	2,620.87				
21-Nov-97	HT-20	19625	56,720	28.36	2,649.23				
21-Nov-97	HT-20	19632	57,700	28.85	2,678.08				
21-Nov-97	HT-20	19639	55,820	27.91	2,705.99	490.65	17		
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22-Nov-97	HT-10	19647	57,840	28.92	28.92				
22-Nov-97	HT-10	19654	59,840	29.92	58.84				
22-Nov-97	HT-10	19663	57,700	28.85	87.69				
22-Nov-97	HT-10	19670	54,400	27.20	114.89				
22-Nov-97	HT-10	19677	57,060	28.53	143.42				
22-Nov-97	HT-10	19684	52,620	26.31	169.73				
22-Nov-97	HT-10	19690	52,580	26.29	196.02				
22-Nov-97	HT-10	19697	53,680	26.84	222.86				
22-Nov-97	HT-10	19703	53,960	26.98	249.84				
22-Nov-97	HT-10	19710	55,860	27.93	277.77				
22-Nov-97	HT-10	19717	57,800	28.90	306.67				
22-Nov-97	HT-10	19724	56,520	28.26	334.93				
22-Nov-97	HT-10	19731	58,920	29.46	364.39				
22-Nov-97	HT-10	19738	59,880	29.94	394.33				
22-Nov-97	HT-10	19745	57,180	28.59	422.92	422.92	15		
22-Nov-97	HT-12	19658	45,980	22.99	445.91				
22-Nov-97	HT-12	19655	45,380	22.69	468.60				
22-Nov-97	HT-12	19661	43,880	21.94	490.54				
22-Nov-97	HT-12	19668	45,360	22.68	513.22				
22-Nov-97	HT-12	19675	44,880	22.44	535.66				
22-Nov-97	HT-12	19682	42,380	21.19	556.85				
22-Nov-97	HT-12	19691	39,420	19.71	576.56				
22-Nov-97	HT-12	19696	45,280	22.64	599.20				
22-Nov-97	HT-12	19705	43,860	21.93	621.13				
22-Nov-97	HT-12	19712	44,360	22.18	643.31				
22-Nov-97	HT-12	19719	45,080	22.54	665.85				
22-Nov-97	HT-12	19726	42,920	21.46	687.31				
22-Nov-97	HT-12	19733	42,480	21.24	708.55				
22-Nov-97	HT-12	19740	46,180	23.09	731.64				
22-Nov-97	HT-12	19747	45,500	22.75	754.39	331.47	15		
22-Nov-97	HT-13	19643	55,700	27.85	782.24				
22-Nov-97	HT-13	19650	58,660	29.33	811.57				
22-Nov-97	HT-13	19658	59,160	29.58	841.15				
22-Nov-97	HT-13	19665	47,200	23.60	864.75				
22-Nov-97	HT-13	19672	57,300	28.65	893.40				
22-Nov-97	HT-13	19679	57,880	28.94	922.34				
22-Nov-97	HT-13	19686	54,140	27.07	949.41				
22-Nov-97	HT-13	19693	55,220	27.61	977.02				
22-Nov-97	HT-13	19699	58,080	29.04	1,006.06				
22-Nov-97	HT-13	19706	56,180	28.09	1,034.15				
22-Nov-97	HT-13	19713	58,020	29.01	1,063.16				
22-Nov-97	HT-13	19720	57,120	28.56	1,091.72				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
22-Nov-97	HT-13	19727	55,820	27.91	1,119.63				
22-Nov-97	HT-13	19734	57,920	28.96	1,148.59				
22-Nov-97	HT-13	19741	59,620	29.81	1,178.40	424.01	15		
22-Nov-97	HT-17	19646	60,180	30.09	1,208.49				
22-Nov-97	HT-17	19653	57,700	28.85	1,237.34				
22-Nov-97	HT-17	19660	59,640	29.82	1,267.16				
22-Nov-97	HT-17	19667	49,560	24.78	1,291.94				
22-Nov-97	HT-17	19674	58,380	29.19	1,321.13				
22-Nov-97	HT-17	19681	52,620	26.31	1,347.44				
22-Nov-97	HT-17	19688	55,500	27.75	1,375.19				
22-Nov-97	HT-17	19694	57,920	28.96	1,404.15				
22-Nov-97	HT-17	19700	59,000	29.50	1,433.65				
22-Nov-97	HT-17	19707	55,260	27.63	1,461.28				
22-Nov-97	HT-17	19714	59,640	29.82	1,491.10				
22-Nov-97	HT-17	19721	59,600	29.80	1,520.90				
22-Nov-97	HT-17	19728	60,120	30.06	1,550.96				
22-Nov-97	HT-17	19735	60,160	30.08	1,581.04				
22-Nov-97	HT-17	19742	59,740	29.87	1,610.91	432.51	15		
22-Nov-97	HT-18	19642	46,000	23.00	1,633.91				
22-Nov-97	HT-18	19649	44,840	22.42	1,656.33				
22-Nov-97	HT-18	19656	45,680	22.84	1,679.17				
22-Nov-97	HT-18	19662	46,920	23.46	1,702.63				
22-Nov-97	HT-18	19669	42,260	21.13	1,723.76				
22-Nov-97	HT-18	19676	41,840	20.92	1,744.68				
22-Nov-97	HT-18	19683	43,600	21.80	1,766.48				
22-Nov-97	HT-18	19689	42,480	21.24	1,787.72				
22-Nov-97	HT-18	19695	44,440	22.22	1,809.94				
22-Nov-97	HT-18	19702	44,040	22.02	1,831.96				
22-Nov-97	HT-18	19709	44,120	22.06	1,854.02				
22-Nov-97	HT-18	19716	47,480	23.74	1,877.76				
22-Nov-97	HT-18	19723	45,220	22.61	1,900.37				
22-Nov-97	HT-18	19730	45,360	22.68	1,923.05				
22-Nov-97	HT-18	19737	45,280	22.64	1,945.69				
22-Nov-97	HT-18	19743	35,160	17.58	1,963.27	352.36	16		
22-Nov-97	HT-19	19644	45,560	22.78	1,986.05				
22-Nov-97	HT-19	19651	44,640	22.32	2,008.37				
22-Nov-97	HT-19	19657	45,440	22.72	2,031.09				
22-Nov-97	HT-19	19664	43,080	21.54	2,052.63				
22-Nov-97	HT-19	19671	41,040	20.52	2,073.15				
22-Nov-97	HT-19	19678	42,760	21.38	2,094.53				
22-Nov-97	HT-19	19685	41,440	20.72	2,115.25				
22-Nov-97	HT-19	19692	40,080	20.04	2,135.29				
22-Nov-97	HT-19	19698	42,260	21.13	2,156.42				
22-Nov-97	HT-19	19704	40,440	20.22	2,176.64				
22-Nov-97	HT-19	19711	44,320	22.16	2,198.80				
22-Nov-97	HT-19	19718	42,700	21.35	2,220.15				
22-Nov-97	HT-19	19725	41,780	20.89	2,241.04				
22-Nov-97	HT-19	19732	44,560	22.28	2,263.32				
22-Nov-97	HT-19	19739	45,500	22.75	2,286.07				
22-Nov-97	HT-19	19746	37,540	18.77	2,304.84	341.57	16		
22-Nov-97	HT-20	19645	60,600	30.30	2,335.14				
22-Nov-97	HT-20	19652	59,320	29.66	2,364.80				
22-Nov-97	HT-20	19659	58,840	29.42	2,394.22				
22-Nov-97	HT-20	19666	49,140	24.57	2,418.79				
22-Nov-97	HT-20	19673	59,320	29.66	2,448.45				
22-Nov-97	HT-20	19680	56,400	28.20	2,476.65				
22-Nov-97	HT-20	19687	55,940	27.97	2,504.62				
22-Nov-97	HT-20	19701	58,360	29.18	2,533.80				
22-Nov-97	HT-20	19708	56,840	28.42	2,562.22				
22-Nov-97	HT-20	19715	58,640	29.32	2,591.54				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
22-Nov-97	HT-20	19722	57,680	28.84	2,620.38				
22-Nov-97	HT-20	19729	59,020	29.51	2,649.89				
22-Nov-97	HT-20	19736	57,740	28.87	2,678.76				
22-Nov-97	HT-20	19744	59,200	29.60	2,708.36	403.52	14		
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24-Nov-97	HT-12	19749	45,440	22.72	22.72				
24-Nov-97	HT-12	19755	43,460	21.73	44.45				
24-Nov-97	HT-12	19761	42,760	21.38	65.83				
24-Nov-97	HT-12	19767	41,780	20.89	86.72				
24-Nov-97	HT-12	19773	41,780	20.89	107.61				
24-Nov-97	HT-12	19779	40,680	20.34	127.95				
24-Nov-97	HT-12	19785	42,700	21.35	149.30				
24-Nov-97	HT-12	19791	41,740	20.87	170.17				
24-Nov-97	HT-12	19809	43,180	21.59	191.76				
24-Nov-97	HT-12	19815	44,020	22.01	213.77				
24-Nov-97	HT-12	19821	42,680	21.34	235.11				
24-Nov-97	HT-12	19827	38,980	19.49	254.60				
24-Nov-97	HT-12	19833	43,860	21.93	276.53				
24-Nov-97	HT-12	19839	40,320	20.16	296.69				
24-Nov-97	HT-12	19844	42,600	21.30	317.99				
24-Nov-97	HT-12	19849	43,480	21.74	339.73				
24-Nov-97	HT-12	19854	44,980	22.49	362.22	362.22	17		
24-Nov-97	HT-13	19752	58,460	29.23	391.45				
24-Nov-97	HT-13	19758	56,660	28.33	419.78				
24-Nov-97	HT-13	19764	57,640	28.82	448.60				
24-Nov-97	HT-13	19770	58,380	29.19	477.79				
24-Nov-97	HT-13	19776	58,040	29.02	506.81				
24-Nov-97	HT-13	19782	61,000	30.50	537.31				
24-Nov-97	HT-13	19788	60,380	30.19	567.50				
24-Nov-97	HT-13	19794	59,180	29.59	597.09				
24-Nov-97	HT-13	19799	59,840	29.92	627.01				
24-Nov-97	HT-13	19804	58,380	29.19	656.20				
24-Nov-97	HT-13	19810	55,320	27.66	683.86				
24-Nov-97	HT-13	19816	56,460	28.23	712.09				
24-Nov-97	HT-13	19822	57,120	28.56	740.65				
24-Nov-97	HT-13	19828	53,560	26.78	767.43				
24-Nov-97	HT-13	19834	56,640	28.32	795.75	433.53	15		
24-Nov-97	HT-17	19750	57,660	28.83	824.58				
24-Nov-97	HT-17	19756	58,880	29.44	854.02				
24-Nov-97	HT-17	19762	59,980	29.99	884.01				
24-Nov-97	HT-17	19768	62,440	31.22	915.23				
24-Nov-97	HT-17	19774	59,880	29.94	945.17				
24-Nov-97	HT-17	19780	57,860	28.93	974.10				
24-Nov-97	HT-17	19786	60,420	30.21	1,004.31				
24-Nov-97	HT-17	19792	57,700	28.85	1,033.16				
24-Nov-97	HT-17	19797	58,880	29.44	1,062.60				
24-Nov-97	HT-17	19802	59,420	29.71	1,092.31				
24-Nov-97	HT-17	19807	59,560	29.78	1,122.09				
24-Nov-97	HT-17	19813	57,040	28.52	1,150.61				
24-Nov-97	HT-17	19819	56,700	28.35	1,178.96				
24-Nov-97	HT-17	19825	54,720	27.36	1,206.32				
24-Nov-97	HT-17	19831	55,640	27.82	1,234.14				
24-Nov-97	HT-17	19837	59,480	29.74	1,263.88				
24-Nov-97	HT-17	19842	55,320	27.66	1,291.54				
24-Nov-97	HT-17	19847	54,300	27.15	1,318.69				
24-Nov-97	HT-17	19852	56,200	28.10	1,346.79				
24-Nov-97	HT-17	19857	59,480	29.74	1,376.53				
24-Nov-97	HT-17	19860	52,540	26.27	1,402.80				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
24-Nov-97	HT-17	19863	56,720	28.36	1,431.16	635.41	22		
24-Nov-97	HT-18	19748	45,740	22.87	1,454.03				
24-Nov-97	HT-18	19754	46,120	23.06	1,477.09				
24-Nov-97	HT-18	19760	44,400	22.20	1,499.29				
24-Nov-97	HT-18	19766	44,720	22.36	1,521.65				
24-Nov-97	HT-18	19772	45,060	22.53	1,544.18				
24-Nov-97	HT-18	19778	40,160	20.08	1,564.26				
24-Nov-97	HT-18	19784	45,380	22.69	1,586.95				
24-Nov-97	HT-18	19790	44,380	22.19	1,609.14				
24-Nov-97	HT-18	19796	46,300	23.15	1,632.29				
24-Nov-97	HT-18	19801	44,840	22.42	1,654.71				
24-Nov-97	HT-18	19806	46,140	23.07	1,677.78				
24-Nov-97	HT-18	19812	45,980	22.99	1,700.77				
24-Nov-97	HT-18	19818	42,780	21.39	1,722.16				
24-Nov-97	HT-18	19824	42,240	21.12	1,743.28				
24-Nov-97	HT-18	19830	43,200	21.60	1,764.88				
24-Nov-97	HT-18	19836	44,740	22.37	1,787.25				
24-Nov-97	HT-18	19841	45,700	22.85	1,810.10				
24-Nov-97	HT-18	19846	45,620	22.81	1,832.91				
24-Nov-97	HT-18	19851	43,020	21.51	1,854.42				
24-Nov-97	HT-18	19856	46,200	23.10	1,877.52				
24-Nov-97	HT-18	19859	43,300	21.65	1,899.17				
24-Nov-97	HT-18	19862	40,800	20.40	1,919.57				
24-Nov-97	HT-18	19865	42,660	21.33	1,940.90	509.74	23		
24-Nov-97	HT-19	19751	44,420	22.21	1,963.11				
24-Nov-97	HT-19	19757	44,340	22.17	1,985.28				
24-Nov-97	HT-19	19763	43,980	21.99	2,007.27				
24-Nov-97	HT-19	19769	41,760	20.88	2,028.15				
24-Nov-97	HT-19	19775	42,960	21.48	2,049.63				
24-Nov-97	HT-19	19781	43,640	21.82	2,071.45				
24-Nov-97	HT-19	19787	46,020	23.01	2,094.46				
24-Nov-97	HT-19	19793	43,020	21.51	2,115.97				
24-Nov-97	HT-19	19798	42,760	21.38	2,137.35				
24-Nov-97	HT-19	19803	44,900	22.45	2,159.80				
24-Nov-97	HT-19	19808	45,120	22.56	2,182.36				
24-Nov-97	HT-19	19814	43,140	21.57	2,203.93				
24-Nov-97	HT-19	19820	39,500	19.75	2,223.68				
24-Nov-97	HT-19	19826	40,860	20.43	2,244.11				
24-Nov-97	HT-19	19832	41,920	20.96	2,265.07				
24-Nov-97	HT-19	19838	37,640	18.82	2,283.89				
24-Nov-97	HT-19	19843	39,280	19.64	2,303.53				
24-Nov-97	HT-19	19848	42,740	21.37	2,324.90				
24-Nov-97	HT-19	19853	42,540	21.27	2,346.17	405.27	19		
24-Nov-97	HT-20	19753	56,200	28.10	2,374.27				
24-Nov-97	HT-20	19759	58,080	29.04	2,403.31				
24-Nov-97	HT-20	19765	59,840	29.92	2,433.23				
24-Nov-97	HT-20	19771	57,880	28.94	2,462.17				
24-Nov-97	HT-20	19777	58,020	29.01	2,491.18				
24-Nov-97	HT-20	19783	58,020	29.01	2,520.19				
24-Nov-97	HT-20	19789	59,880	29.94	2,550.13				
24-Nov-97	HT-20	19795	57,020	28.51	2,578.64				
24-Nov-97	HT-20	19800	58,800	29.40	2,608.04				
24-Nov-97	HT-20	19805	59,220	29.61	2,637.65				
24-Nov-97	HT-20	19811	55,100	27.55	2,665.20				
24-Nov-97	HT-20	19817	58,040	29.02	2,694.22				
24-Nov-97	HT-20	19823	57,020	28.51	2,722.73				
24-Nov-97	HT-20	19829	52,820	26.41	2,749.14				
24-Nov-97	HT-20	19835	58,700	29.35	2,778.49				
24-Nov-97	HT-20	19840	57,600	28.80	2,807.29				
24-Nov-97	HT-20	19845	54,900	27.45	2,834.74				

SEWAGE LAGOONS FINAL CLOSURE
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS

Haul Date	Mesa Verde Truck ID	Mesa Verde Ticket Number	Net Weight from Ticket	Net Tons CALC	Daily Cumulative Net Tons CALC	Daily Individual Truck Net Tons CALC	Daily Individual Number of Truck Trips CALC	Daily Total Net Tons CALC	Daily Total Number of Truck Trips CALC
24-Nov-97	HT-20	19850	56,340	28.17	2,862.91				
24-Nov-97	HT-20	19855	55,180	27.59	2,890.50				
24-Nov-97	HT-20	19858	56,300	28.15	2,918.65				
24-Nov-97	HT-20	19861	54,260	27.13	2,945.78				
24-Nov-97	HT-20	19864	50,940	25.47	2,971.25	625.08	22		
==========	========	=========	==========	==========	==========	==========	==========	**2971.25**	**118**

APPENDIX G

DAILY QUANTITIES OF PLACED ON-SITE AND IMPORTED SOIL

FOSTER WHEELER ENVIRONMENTAL CORPORARTION
SEWAGE LAGOONS FINAL CLOSURE
HOLLOMAN AIR FORCE BASE, NEW MEXICO
TALLY OF MESA VERDE SOIL HAULING WEIGHT TICKETS AND ON-SITE FILL

Haul Date	Daily Tons Hauled	Daily Number of Truck Trips	Cumulative Tons Hauled	Cumulative # of Truck Trips	Est. Daily BCY Excavated,Hauled and Placed	Est. cumulative BCY Excavated Hauled & Placed	Estimated cyd, On-site soil cut and placed	Est. Cum. On-site soil cut and placed CYD	Borrow Soil Proctor Date
25AUG97 - MON	2,773	121	2,773	121	1,624	1,624			25AUG97
26AUG97 - TUES	3,488	139	6,262	260	2,043	3,667			
27AUG97 - WED	3,936	160	10,198	420	2,305	5,971			
28AUG97 - THURS	3,922	161	14,120	581	2,297	8,268			28AUG97
29AUG97 - FRI	2,332	95	16,452	676	1,366	9,634			
02SEP97 - TUES	3,844	164	20,296	840	2,251	11,885			
03SEP97 - WED	4,118	175	24,414	1,015	2,411	14,296			03SEP97
04SEP97 - THURS	4,827	198	29,241	1,213	2,826	17,123			
05SEP97 - FRI	5,344	212	34,585	1,425	3,129	20,252			05SEP97
08SEP97 - MON	4,575	185	39,161	1,610	2,679	22,931			
09SEP97- TUES	4,165	166	43,326	1,776	2,439	25,370			
10SEP97- WED	3,589	142	46,915	1,918	2,102	27,472			
11SEP97- THURS	4,005	165	50,920	2,083	2,345	29,817			
12SEP97 - FRI	3,624	150	54,544	2,233	2,122	31,939			12SEP97
15SEP97 - MON	4,168	171	58,711	2,404	2,440	34,379			
16SEP97 - TUE	3,534	150	62,246	2,554	2.070	36.449			
17SEP97 - WED	3,592	153	65,838	2,707	2,103	38,552			17SEP97
18SEP97 - THURS	3,999	162	69,837	2,869	2,342	40,894			
19SEP97 - FRI	3,547	141	73,384	3,010	2,077	42,971	46,394*	46,394	19SEP97
22SEP97 - MON	2,804	108	76,188	3,118	1,642	44,613	1777	48,171	
23SEP97 - TUES	4,395	170	80,582	3,288	2,573	47,186	2,753	50,924	
24SEP97 - WED	3,765	145	84,347	3,433	2,205	49,391	1,890	52,814	
25SEP97 - THURS	3,667	146	88,015	3,579	2,147	51,538	2,936	55,750	
26SEP97 - FRI	3,326	127	91,341	3,706	1,948	53,486	3,572	59,322	26-Sep-97
27SEP97 - SAT	0	0	91,341	3,706	0	53,488	1,884	61,206	
29SEP97 - MON	3,894	145	95,235	3,851	2,280	55,768	2,940	64,146	
30SEP97 - TUES	4,000	144	99,235	3,995	2,342	58,111	792	64,938	
01OCT97 - WED	3,682	140	102,917	4,135	2,156	60,267	1,752	66,690	
02OCT97 - THURS	3,618	138	106,535	4,273	2,119	62,385	1,656	68,346	
03OCT97 - FRI	3,592	141	110,127	4,414	2,103	64,488	1,404	69,750	
06OCT97 - MON	3,621	132	113,748	4,546	2,120	66,609	636	70,386	6-Oct-97
07OCT97 - TUES	3,542	130	117,290	4,676	2,074	68,683	900	71,286	
08OCT97 - WED	3,554	130	120,843	4,806	2,081	70,764	3,096	74,382	
09OCT97 - THURS	0	0	120,843	4,806	0	70,764	4,524	78,906	
10OCT97 - FRI	0	0	120,843	4,806	2,081**	70,764	0	78,906	
13OCT97 - MON	0	0	120,843	4,806	0	70,764	3,924	82,830	
14OCT-97- TUES	0	0	120,843	4,806	0	70,764	3,300	86,130	
15OCT97 - WED	0	0	120,843	4,806	0	70,764	3,790	89,920	
16OCT97 - THRS	0	0	120,843	4,806	0	70,764	3,910	93,830	
17OCT97 - FRI	0	0	120,843	4,806	0	70,764	2,800	96,630	
20OCT97 - MON	0	0	120,843	4,806	0	70,764	4,120	100,750	
21OCT97 - TUES	0	0	120,843	4,806	0	70,764	4,010	104,760	
22OCT97 - WED	0	0	120,843	4,806	0	70,764	1,150	105,910	
23OCT97 - THRUS	0	0	120,843	4,806	0	70,764	2,620	108,530	
24OCT97 - FRI	0	0	120,843	4,806	0	70,764	2,480	111,010	
25OCT97 - SAT	0	0	120,843	4,806	0	70,764	0	111,010	
27OCT97 - MON	0	0	120,843	4,806	0	70,764	2,750	113,760	
28OCT97 - TUES	0	0	120,843	4,806	0	70,764	1,250	115,010	
29OCT97 - WED	0	0	120,843	4,806	0	70,764	1,350	116,360	
30OCT97 - THRUS	3,701	141	124,544	4,947	2,167	72,931	430	116,790	10/30/97
31OCT97 - FRI	3,594	136	128,138	5,083	2,104	75,036	80	116,870	
03NOV97 - MON	0	0	128,138	5,083	0	75,036	0	116,870	
04NOV97 - TUES	0	0	128,138	5,083	0	75,036	0	116,870	
05NOV97 - WEDS	0	0	128,138	5,083	0	75,036	0	116,870	
06NOV97 - THURS	0	0	128,138	5,083	0	75,036	0	116,870	
21NOV97 - FRI	2,706	110	130,844	5,193	1,585	76,621	0	116,870	
22NOV97 - SAT	2,708	106	133,552	5,299	1,586	78,206	0	116,870	
24NOV97 - MON	2,971	118	136,524	5,417	1,740	79,946	0	116,870	

*= Total to-date (info taken from past DQCR's)

**= Material was stockpiled on site 8OCT97 and placed/compacted on 10OCT97

/A = Tons * (2000 lb/ton) / (27 ft^3/CY) / (110 lb/ft^3) / (1.15 shrinkage factor)

APPENDIX H

SITE INSPECTION QUALITY CONTROL REPORTS

Agenda
August 19, 1997 Kickoff Meeting
Sewage Lagoons Final Closure Project
Holloman Air Force Base, New Mexico

1. Introduction, Roles, and Responsibilities
2. Review of Scope of Work
3. Construction Schedule (copy attached)
4. Mobilization Logistics
5. Forecast of Progress Until Next Scheduled Meeting
6. Coordination of Schedules (Note WWTP Pipeline Construction)
7. Review of Submittal Schedule (copy attached)
8. Review of Health & Safety Program
9. Review of Quality Control Program
10. Pending Changes and Substitutions
11. Review of Proposed Changes for Effects on Construction, Completion Date, and Other Aspects of the Project
12. Other Business
13. Schedule Next Meeting

SUBMITTAL REGISTER
FOR
CONTRACTOR SUBMITTALS TO CORPS OF ENGINEERS

SUBMITTAL	SPECIFICATION SECTION	DATE DUE	NO. OF COPIES	COMMENTS
Earthwork Equipment	NA	21 days prior to mobilization	2	
Grade Control Plan	NA	21 days prior to mobilization	2	
Project Record Documents	01720	Final Acceptance of Project	2	
Preliminary Project Record Drawings	01725	30 days after USACE Final Inspection	2	Provide two sets of marked drawings to USACE. One set to be returned to Foster Wheeler.
Project Record Drawings	01725	60 days after USACE return of Preliminary Project Record Drawings	See Note (A)	See Note (A) for Distribution
O&M Manual / Closure Report	NA	60 days after acceptance of Project Record Drawings	2	

Note (A) Project Record Drawings Distribution:

CADD Files: USACE/Holloman AFB (1 CD ROM)
Full Size Mylar: USACE/Omaha (1), USAF/Holloman AFB (1)
Full Size Print: USACE/Omaha (1), USAF/Holloman AFB (3), USACE/Holloman AFB (1)
Half Size Print: USACE/Omaha (4), USAF/Holloman AFB (2)

END OF SECTION

STORMWATER INSPECTION SHEET
- WILL START THIS WEEK
- ORIGINAL SUBMITTED WEEKLY WITH CQCR
- MAINTAIN COPY @ TRAILER

WILL START W/ 12" COMPACTED LIFTS → DO FLR
→ FINAL AS-BUILT SURVEY TO INCLUDE FENCE OUTLINE FOR LEGAL BILLBOARD DESCRIPTION

→ RUN GRADATION ON RIP-RAP @ TOE

PREPARATORY INSPECTION

FIGURE 6-1

INSPECTION CHECKLIST

Page 1 of 2

PREPARATORY INSPECTION

ITEM: SEWAGE LAGOONS FINAL CLOSURE				DATE: 20 AUG 97
Contract Specifications:				
MATERIAL	QTY	CONDITION	TESTING	COMMENTS
SOIL IMPORT	≈170,000 CY		PROCTORS	
			MOISTURE	
			GRADATION	
RIP RAP	≈100 CY		GRADATION	

STORAGE CONDITIONS:

N/A

SUBMITTALS:

- Equipment and grade control plan submitted.
- Record drawings, O&M manual & closure report to be submitted at completion of project.

PREPARATORY INSPECTION

FIGURE 6-1 (Continued)
INSPECTION CHECKLIST
Page 2 of 2

MATERIAL/EQUIPMENT CERTIFICATIONS:

N/A

PREPARATORY SITE CONDITIONS:

GOOD

FILLING SOFT SPOTS PONDS A & B W/ RUBBLE MATERIAL SJ.

CONTRACT VARIANCE:

One FCR submitted. Lifts will be 12-inch compacted rather than the specified 8-inch compacted.

COMMENTS:

Project is proceeding per schedule.

PRELIMINARY DENSITIES POND A 8/20/97 INDICATE 85% WILL BE ACHIEVABLE W/ MINIMAL EFFORT SJ

TRAFFIC CONTROL & H&S ISSUES ADDRESSED SJ.

ATTENDEES:		
Dan Holmquist	QC REPRESENTATIVE	DATE 20AUG97
Ray Battalora	QA COE	DATE 8/20/97
Ray Mahon	QCSM	DATE
George Fish		

INITIAL INSPECTION

FIGURE 6-1

INSPECTION CHECKLIST

Page 1 of 2

ITEM: SEWAGE LAGOONS FINAL CLOSURE				DATE: 26 AUG 97
Contract Specifications: C 2200				
MATERIAL	QTY	CONDITION	TESTING	COMMENTS
NA				

~~STORAGE~~ CONDITIONS:

SCALE

BORROW AREA SCALE INSTALLED AND CALIBRATED.

STOCKPILE AREA & BLENDING AREA PREPARED AT SEWAGE LAGOONS.

90% POND A TEMPORARY COVER READY FOR FINAL SOIL COVER.

90% POND B " " " " " " ".

FINISH STABILIZING SOFT SPOTS USING RUBBLE & SOIL.

SUBMITTALS:

SCALE CALIBRATION CERTIFICATES ATTACHED TO D&CR (DATED 25 AUG 97).

INITIAL INSPECTION

FIGURE 6-1 (Continued)
INSPECTION CHECKLIST
Page 2 of 2

MATERIAL/EQUIPMENT CERTIFICATIONS:
ADDRESSED IN SCALE CONDITIONS.

PREPARATORY SITE CONDITIONS:
SURVEY OF POND A & B TOP OF TEMPORARY COVER PREVIOUSLY PERFORMED.

CONTRACT VARIANCE:
NA

COMMENTS:
FINISH STABILIZING POND A & POND B SOFT SPOTS WITH RUBBLE & SOIL.
NEED TO BE ABLE TO DRIVE WHEELED VEHICLE i.e. end dump & DOZERS
S.F. ALSO NEED TO KEEP TABS ON HAUL SPILLAGE ON ROADWAYS

ATTENDEES:
GEORGE FISH COE S.F.
Rick MacFarlane COE RM

QC REPRESENTATIVE DATE
[signature] Aug. 26-97

QCSM DATE
[signature] 26AUG97

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector RY BATTALORA / Roy MAHON Date 8-22-97

Area Inspected SEWAGE LAGOONS Approx. Area 95 ACRES.

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ~~☐ Bioxide~~ N-A.
- ☑ Other MISC. IN CABINETS.

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other ALL AREAS BERMED.

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☑ Other EXISTING DITCH WEST SIDE

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following:

N-A
- ☐ Sediment Basin
- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N-A. BERM EXISTS.

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre NO BASIN.

N-A. Cubic feet of storage required for the basin

Observed Conditions NO MAJOR STORMS — NO EROSIONS

Changes required to the SWPPP BIOXIDE NO LONGER ON SITE

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector RAY BATTALORA / Roy L. Mahon Date 8-29-97

Area Inspected SEWAGE LAGOONS Approx. Area 95 ACRES

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ~~☐ Bioxide~~ NA
- ☑ Other MISC. IN CABINETS AND ANTIFREEZE

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other ALL AREAS BERMED

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☑ Earth Dike AROUND SITE PERIMETER
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☐ Other _____

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - NA
  - ☐ Sediment Basin
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

NA – PERIMETER DIKES AND BERMS EXIST

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre NO SEDIMENTATION BASIN

=

NA _____ Cubic feet of storage required for the basin

Observed Conditions NO MAJOR STORMS – NO EROSION OBSERVED

Changes required to the SWPPP BIOXIDE NO LONGER ON SITE

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector RAY BATTALORA / Roy Mahon Date 9-06-97

Area Inspected SEWAGE LAGOONS Approx. Area 95 ACRES

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ~~☐ Bioxide~~ N/A
- ☑ Other MISC. IN SAFETY CABINET AND ANTIFREEZE

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other ALL AREAS BERMED

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☑ Earth Dike AROUND SITE PERIMETER
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☐ Other _____

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

NA

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

NA - PERIMETER DIKES AND BERMS EXIST

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

NA

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin

NO SEDIMENTATION BASIN

Observed Conditions NO MAJOR STORMS - NO EROSION OBSERVED

Changes required to the SWPPP BIOXIDE NO LONGER ON SITE

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Petty Date 9-12-97

Area Inspected Sewage Lagoons Approx. Area 95 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ☐ ~~Bioxide~~ N/A
- ☑ Other Misc in Cabinets

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other All Areas Berned

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☑ Other Existing Dike West Side

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following:

- ☐ Sediment Basin
- N/A ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

☐ A sediment basin will be installed

☐ A sediment basin cannot be constructed, the following sediment controls will be installed:

- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre N/A No Basin

=

_____ Cubic feet of storage required for the basin

Observed Conditions No Erosion observed.

Changes required to the SWPPP No Bioxide on site

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Petty Date 9-19-97

Area Inspected Sewage Lagoons Approx. Area 95 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- N/A ~~Bioxide~~
- ☐ Other Misc in cabinets

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other All Areas Berms

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☑ Other Existing Ditch Westside

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following:

- ☐ Sediment Basin
- ☐ Hay Bales in anticipated drainage paths
- N/A ☐ Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

☐ A sediment basin will be installed

☐ A sediment basin cannot be constructed, the following sediment controls will be installed.

- ☐ Hay Bales in anticipated drainage paths
- N/A ☐ Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3,600 Cubic feet of storage acre

=

_____ Cubic feet of storage required for the basin

N/A No Basin

Observed Conditions No erosion observed

Changes required to the SWPPP No bioxide on site

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Pettry Date 9-22-97

Area Inspected Sewage Lagoons Approx. Area 95 Acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- [x] Diesel Fuel
- [x] Lubricants
- [ ] ~~Bioxide~~ N/A
- [x] Other Misc. in Cabinets.

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- [ ] Silt Fencing
- [ ] Hay Bales
- [ ] Temporary Seeding
- [ ] Permanent Seeding
- [ ] Mulching
- [ ] Geotextiles
- [x] Other All Areas Banks

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- [ ] Earth Dike
- [ ] Drainage Swale
- [ ] Interceptor Dike and Swale
- [ ] Pipe Slope Drain
- [x] Other existing Ditch westside

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- [ ] Sediment controls are needed and will include the following:
  - [ ] Sediment Basin
  - N/A [ ] Hay Bales in anticipated drainage paths
  - [ ] Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- [ ] A sediment basin will be installed
- [ ] A sediment basin cannot be constructed, the following sediment control will be installed:
  - [ ] Hay Bales in anticipated drainage paths
  - [ ] Silt fence along all sideslope and downslope boundaries

N/A ~~Basin~~ Area in Berms

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3,600 Cubic feet of storage/acre — No Basin

=

N/A Cubic feet of storage required for the basin

Observed Conditions No erosion (Heavy rain over weekend)

Changes required to the SWPPP Bioxide no longer on site

Note ~~A~~ Inspection performed due to heavy rain (2.5") over the weekend ~~A~~

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Petty Date 9-26-97

Area Inspected Sewage Lagoons Approx. Area 95 Acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ☐ Bioxide N/A
- ☑ Other Misc. in cabinets

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other Area Bermed

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☐ Other Grass Dike on westside

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following:

- ☐ Sediment Basin
- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

☐ A sediment basin will be installed

☐ A sediment basin cannot be constructed, the following sediment controls will be installed:

- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

Area is Bermed

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre

=

N/A Cubic feet of storage required for the basin

No Basin

Observed Conditions No major ~~storms~~ rainfall storms.

Changes required to the SWPPP Bioxide no longer on site

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Petty Date 10-3-97

Area Inspected Sewage Lagoons Closure Approx. Area 95 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ✓ Diesel Fuel
- ✓ Lubricants
- ~~Bioxide~~ N/A
- ✓ Other MSC in Cabinets

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- X Other Area Bermed

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☐ Other existing Ditches on westside

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following:

- ☐ Sediment Basin
- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

☐ A sediment basin will be installed

☐ A sediment basin cannot be constructed, the following sediment controls will be installed:

- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

Area is Bermed

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre

=

N/A Cubic feet of storage required for the basin

No Basin

Observed Conditions No major Storms

Changes required to the SWPPP Bioxide No longer on site

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Petty Date 10-10-97

Area Inspected Sewage Lagoons Approx. Area 95 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- [x] Diesel Fuel
- [x] Lubricants
- [ ] Bioxide N/A
- [x] Other Miscellaneous Flammable Cabinet

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- [ ] Silt Fencing
- [ ] Hay Bales
- [ ] Temporary Seeding
- [ ] Permanent Seeding
- [ ] Mulching
- [ ] Geotextiles
- [x] Other All Areas Bermed

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- [ ] Earth Dike
- [ ] Drainage Swale
- [ ] Interceptor Dike and Swale
- [ ] Pipe Slope Drain
- [x] Other Existing Dike west side

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- [ ] Sediment controls are needed and will include the following:
  - [ ] Sediment Basin
  - [ ] Hay Bales in anticipated drainage paths
  - [ ] Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- [ ] A sediment basin will be installed
- [ ] A sediment basin cannot be constructed, the following sediment controls will be installed:
  - [ ] Hay Bales in anticipated drainage paths
  - [ ] Silt fence along all sideslope and downslope boundaries

N/A

Berm Exists

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin N/A

Observed Conditions No major storms, No Erosion

Changes required to the SWPPP Bioxide Not on site

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Petty Date 10-17-97

Area Inspected Sewage lagoons Approx. Area 95 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ☐ Bioxide N/A
- ☑ Other Flammable cabinets

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other Area is Paved

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☑ Other Existing Ditches on westside

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following:

- ☐ Sediment Basin
- N/A ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
- N/A ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre N/A

=

_____ Cubic feet of storage required for the basin

Observed Conditions No major rain fall No Erosion noted

Changes required to the SWPPP Bioxide not on site

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Petty Date 10-23-97

Area Inspected Sewage Lagoons Approx. Area 95 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- [x] Diesel Fuel
- [x] Lubricants
- [x] ~~Bioxide~~ N/A
- [x] Other Flammable Cabinet.

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- [ ] Silt Fencing
- [ ] Hay Bales
- [ ] Temporary Seeding
- [ ] Permanent Seeding
- [ ] Mulching
- [ ] Geotextiles
- [x] Other Area is Secured

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- [ ] Earth Dike
- [ ] Drainage Swale
- [ ] Interceptor Dike and Swale
- [ ] Pipe Slope Drain
- [x] Other Erosion Dikes on Lagoons

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- [ ] Sediment controls are needed and will include the following:
  - [ ] Sediment Basin
  - [ ] Hay Bales in anticipated drainage paths
  - N/A Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- [ ] A sediment basin will be installed
- [ ] A sediment basin cannot be constructed, the following sediment controls will be installed:
  - [ ] Hay Bales in anticipated drainage paths
  - N/A Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin

N/A

Observed Conditions Perform inspection after .25" rainfall (10-22-97). No erosion noted

Changes required to the SWPPP _____

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Pettry Date 10 25 97

Area Inspected Sewage Lagoons Approx. Area 95 Acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ☐ ~~Bioxide~~ N/A
- ☑ Other Flammable Cabinet

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other Area is Paved

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☑ Other Existing Dike on west side

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following:

- ☐ Sediment Basin
- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

☐ A sediment basin will be installed

☐ A sediment basin cannot be constructed, the following sediment controls will be installed:

- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre N/A

=

_____ Cubic feet of storage required for the basin

Observed Conditions Performed inspection following > .25" rain event on 10-24-97 (PM) no erosion noted

Changes required to the SWPPP ——

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Pitty Date 10-31-97

Area Inspected Sewage Lagoons Approx. Area 95 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ~~☐ Bioxide~~ N/A
- ☑ Other Flammable cabinet

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other Area is Bermed

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☐ Other Existing Ditch on west side

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following:

- ☐ Sediment Basin
- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

☐ A sediment basin will be installed

☐ A sediment basin cannot be constructed, the following sediment controls will be installed:

- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

N/A 3600 Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin

Observed Conditions No erosion Noted

Changes required to the SWPPP ~

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Petty Date 11-5-97

Area Inspected Sewage Lagoons Approx. Area 95 Acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ~~☐ Bioxide~~ NA
- ☒ Other Flammable Cabinet

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☒ Other Area is Paved

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☐ Other Existing Ditch on West Side

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following:

- ☐ Sediment Basin
- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

☐ A sediment basin will be installed

☐ A sediment basin cannot be constructed, the following sediment controls will be installed:

- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3,600 Cubic feet of storage/acre

N/A

_____ Cubic feet of storage required for the basin

Observed Conditions No erosion noted

Changes required to the SWPPP —

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Petty Date 11-12-97

Area Inspected Sewage Lagoons Approx. Area 55 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ~~☐ Bioxide~~ N/A
- ☑ Other Flammable cabinet

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☐ Other Area is paved

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☐ Other Existing Dike on West side

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following:

- ☐ Sediment Basin
- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

☐ A sediment basin will be installed

☐ A sediment basin cannot be constructed, the following sediment controls will be installed:

- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

N/A Acres area draining to the sediment basin

x

3.60 Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin

Observed Conditions Approx .5" of rainfall no erosion noted.

Changes required to the SWPPP N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Petty Date 11-20-97

Area Inspected Sewage Lagoons Approx. Area 9.5 Acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ☐ ~~Bioxide~~ N/A
- ☑ Other Flammable Cabinet

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☒ Other Are level or graded so that rain water will not leave site

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☒ Other Existing Ditch on West side

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin
  - ☐ Hay Bales in anticipated drainage paths
  - N/A Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - ☐ Hay Bales in anticipated drainage paths
  - N/A ☐ Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

N/A Acres area draining to the sediment basin
X
3.60 Cubic feet of storage/acre
=
_____ Cubic feet of storage required for the basin

Observed Conditions No rain events since last inspection

Changes required to the SWPPP _____

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Kelly Date 12-2-97

Area Inspected Sewage Lagoons Approx. Area 95 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ☐ ~~Bioxide~~ N/A
- ☑ Other Flammable Cabinet

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☐ Other Revetment

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☐ Other Existing Diplon westside

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin
  - ☐ Hay Bales in anticipated drainage paths
  - N/A Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - ☐ Hay Bales in anticipated drainage paths
  - N/A Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 N/A Cubic feet of storage/acre

_____ Cubic feet of storage required for the basin

Observed Conditions Minor Rainfall yesterday & today

Changes required to the SWPPP N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Petty Date 12-8-97

Area Inspected Sewage Lagoons Approx. Area 95 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ~~☐ Bioxide~~ N/A
- ☑ Other Flammable Cabinet

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other Existing ~~Ditch~~ Ditch westside revetment south end retention pond westside

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☐ Other Area Barrel

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin
  - ☐ Hay Bales in anticipated drainage paths
  - N/A Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - ☐ Hay Bales in anticipated drainage paths
  - N/A Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 N/A Cubic feet of storage acre

_____ Cubic feet of storage required for the basin

Observed Conditions No erosion noted

Changes required to the SWPPP N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Petty Date 12-15-97

Area Inspected Sewage Lagoons Approx. Area 85 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ☐ ~~Bioxide~~ N/A
- ☑ Other Flammable cabinet

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other Existing Dietch on westside revetment southend retention pond westside

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☐ Other Area Berm

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin
  - ☑ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - ☑ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre

N/A

_____ Cubic feet of storage required for the basin

Observed Conditions No erosion noted

Changes required to the SWPPP N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Petty Date 1-13-98

Area Inspected Sewage Lagoons Approx. Area 85 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ☐ ~~Bioxide~~ N/A
- ☑ Other Flammable Cabinet

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other Existing Dike on west side Revetment on south end

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☑ Other Retention Pond

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin
  - ☐ Hay Bales in anticipated drainage paths
  - N/A ☐ Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - N/A ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

N/A ~~7~~60 Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin

Observed Conditions N/A

Changes required to the SWPPP N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector R. Perry Date 1-23-98

Area Inspected Sewage Lagoons Approx. Area 85 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- [x] Diesel Fuel
- [x] Lubricants
- [ ] ~~Bioxide~~ N/A
- [x] Other Flammable Cabinet

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- [ ] Silt Fencing
- [ ] Hay Bales
- [ ] Temporary Seeding
- [ ] Permanent Seeding
- [ ] Mulching
- [ ] Geotextiles
- [x] Other Existing Dike on east side Revetment on south end

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- [ ] Earth Dike
- [ ] Drainage Swale
- [ ] Interceptor Dike and Swale
- [ ] Pipe Slope Drain
- [x] Other Retention Basin

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- [ ] Sediment controls are needed and will include the following:
  - [ ] Sediment Basin
  - [ ] Hay Bales in anticipated drainage paths
  - [ ] Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- [ ] A sediment basin will be installed
- [ ] A sediment basin cannot be constructed, the following sediment controls will be installed:
  - [ ] Hay Bales in anticipated drainage paths
  - [ ] Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

N/A Cubic feet of storage/acre

_____ Cubic feet of storage required for the basin

Observed Conditions N/A

Changes required to the SWPPP N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector R. Riley Date 1-30-97

Area Inspected Sewage Lagoons Approx. Area 85 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ☐ ~~Biocide~~ N/A
- ☑ Other Flammable Cabinet

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other Silt fence on outside [illegible]

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☑ Other [illegible]

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following:

- ☐ Sediment Basin
- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

☐ A sediment basin will be installed

☐ A sediment basin cannot be constructed, the following sediment controls will be installed:

- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 N/A Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin

Observed Conditions N/A

Changes required to the SWPPP N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Petty Date 2-5-98

Area Inspected Sewage Lagoons Approx. Area 85 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ☑ ~~Bioxide~~ N/A
- ☑ Other Flammable Cabinet

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other existing west ditch retention pond

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☑ Other revetment on south end

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin
  - ☐ Hay Bales in anticipated drainage paths
  - N/A ☑ Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - ☐ Hay Bales in anticipated drainage paths
  - N/A ☑ Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

~~3.60~~ Cubic feet of storage/acre

N/A

_____ Cubic feet of storage required for the basin

Observed Conditions Minor erosions on affluent side of revetment

Changes required to the SWPPP N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Richard Petty Date 2-13-98

Area Inspected Sewage Lagoons Approx. Area 85 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ~~☐ Bioxide~~ N/A
- ☐ Other _____

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other Existing Ditch on west side

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☑ Other Retention pond west side, revegetated south end

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following:

- ☐ Sediment Basin
- ☐ ~~Hay Bales in~~ anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

☐ A sediment basin will be installed

☐ A sediment basin cannot be constructed, the following sediment controls will be installed:

N/A
- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3,600 Cubic feet of storage/acre

N/A

_____ Cubic feet of storage required for the basin

Observed Conditions N/A

Changes required to the SWPPP N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector R. Petty Date 2-18-98

Area Inspected Sewage Lagoons Approx. Area 25 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ☐ ~~Bioxide~~ N/A
- ☐ Other _____

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other Existing Ditch on west side, Retention Pond west side

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☑ Other Retention Pond & Revetment

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed. the following sediment controls will be installed:
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre

N/A

_____ Cubic feet of storage required for the basin

Observed Conditions Minor Soil erosion on effluent side of Revetment

Changes required to the SWPPP N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Carlos Henderson Date 3/6/98

Area Inspected Sewage Lagoons Approx. Area 85 Acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ☐ Bioxide
- ☐ Other _____

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other existing ditch on west side & Retention pond

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☒ Other Retention Pond & Revetment

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin
  - N/A ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - N/A ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X/A
~~3.60~~ Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin

Observed Conditions • Minor Erosion Observed at effluent end

Changes required to the SWPPP N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Carlos Henderson Date 3/13/98

Area Inspected Sewage Lagoons Approx. Area 85 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ☐ Bioxide
- ☐ Other _____

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other existing ditch on West Side and Retention pond

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☒ Other Retention Pond & Berm

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.600 Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin

N/A

Observed Conditions Minor Erosion Observed on effluent end

Changes required to the SWPPP N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Carlos Henderson Date March 20, 1998

Area Inspected Sewage Lagoons Approx. Area 85 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☐ Diesel Fuel
- ☐ Lubricants
- ☐ Bioxide
- ☐ Other _____

Lubricants moved to landfill site, Diesel tank drained

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other existing ditch on west side + Retention Pond

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☒ Other Retention Pond

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following:

- ☐ Sediment Basin
- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

☐ A sediment basin will be installed

☐ A sediment basin cannot be constructed, the following sediment controls will be installed:

- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin

N/A

Observed Conditions Minor Erosion observed and Maintained

Changes required to the SWPPP N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector: Carlos Henderson Date: 3/26/98

Area Inspected: Sewage Lagoons Approx. Area: 85 acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☐ Diesel Fuel
- ☐ Lubricants
- ☐ Bioxide
- ☐ Other _____

Diesel tank moved to Landfill site

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☑ Other existing dike on west side of retention pond

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☑ Other Retention Pond & Revetment

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin N/A
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed. N/A
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre N/A

=

_____ Cubic feet of storage required for the basin

Observed Conditions: Erosion repairs conducted at effluent end

Changes required to the SWPPP: N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Carlos Henderson Date 4/3/98

Area Inspected Sewage Lagoon Approx. Area _____

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☐ Diesel Fuel N/A
- ☐ Lubricants
- ☐ Bioxide
- ☐ Other _____

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☐ Other _____

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☒ Other Retention Pond & Revetment

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin N/A
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed N/A
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin N/A

X

3.60 Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin

Observed Conditions Erosion repairs conducted during week of 3/26/98 at effluent end

Changes required to the SWPPP N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector: Carlos Henderson Date: 4/9/98

Area Inspected: Sewage Lagoons Approx. Area: _____

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☐ Diesel Fuel
- ☐ Lubricants
- ☐ Bioxide
- ☐ Other _____

N/A

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☐ Other _____

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☒ Other Retention Pond & Revetment

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre N/A

=

_____ Cubic feet of storage required for the basin

Observed Conditions: Erosion Repairs Conducted during week of 3/22/98 at effluent end holding up.

Changes required to the SWPPP: N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Carlos Henderson Date 4/17/97

Area Inspected Sewage Lagoons Approx. Area _____

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☐ Diesel Fuel N/A
- ☐ Lubricants
- ☐ Bioxide
- ☐ Other _____

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☐ Other _____

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☒ Other Retention Pond & Revetment

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin N/A
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed N/A
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre N/A

=

_____ Cubic feet of storage required for the basin

Observed Conditions Erosion Repairs conducted during week of 3/26/98 at effluent and holding pp.

Changes required to the SWPPP N/A

Figure 3-1. Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Carlos Henderson Date 4/23/98

Area Inspected Main Base Landfill Approx. Area 125 Acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☒ Diesel Fuel
- ☒ Lubricants
- ☐ Bioxide
- ☐ Other _____

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☐ Other None

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☐ Other 2' Berm at slope area

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following: N/A

- ☐ Sediment Basin
- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

☐ A sediment basin will be installed N/A

☐ A sediment basin cannot be constructed, the following sediment controls will be installed:

- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____	Acres area draining to the sediment basin
x	
3.60	Cubic feet of storage/acre N/A
=	
_____	Cubic feet of storage required for the basin

Observed Conditions No erosion problems noted to date

Changes required to the SWPPP N/A

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Carlos Henderson Date 5/1/98

Area Inspected Sewage Lagoons Approx. Area 85 Acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☐ Diesel Fuel
- ☐ Lubricants
- ☐ Bioxide
- ☐ Other _____

N/A

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☐ Other _____

N/A

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☒ Other Retention Pond & Revetment

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following:

- ☐ Sediment Basin
- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

☐ A sediment basin will be installed

☐ A sediment basin cannot be constructed, the following sediment controls will be installed:

- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin

N/A

Observed Conditions Erosion Repairs conducted during week of 3/26/98 at effluent end holding well

Changes required to the SWPPP N/A

Figure 3-1. Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Carlos Henderson Date 5/8/98

Area Inspected Main Base Landfill Approx. Area 125 Acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☒ Diesel Fuel
- ☒ Lubricants
- ☐ Bioxide
- ☐ Other _____

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☐ Other None

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☐ Other 2 Berm at side slope area

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following: N/A

- ☐ Sediment Basin
- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

☐ A sediment basin will be installed N/A

☐ A sediment basin cannot be constructed, the following sediment controls will be installed:

- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____	Acres area draining to the sediment basin
x	
3.60	Cubic feet of storage/acre N/A
=	
_____	Cubic feet of storage required for the basin

Observed Conditions There are no notable erosion or sediment problems to date

Changes required to the SWPPP None

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Carlos Henderson Date 5/14/98

Area Inspected Sewage lagoons Approx. Area 85 Acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☐ Diesel Fuel
- ☐ Lubricants
- ☐ Bioxide
- ☐ Other _____

N/A

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☐ Other _____

N/A

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☒ Other Retention Pond & Revetment

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following:

- ☐ Sediment Basin
- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

☐ A sediment basin will be installed

☐ A sediment basin cannot be constructed, the following sediment controls will be installed:

- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X N/A

3.60 Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin

Observed Conditions Checklist Fence Repair & seeding needs conducted
Enclosed site with silt screen at Fence line that was opened

Changes required to the SWPPP None

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Carlos Henderson Date 5/21/98

Area Inspected Sewage Lagoons Approx. Area 85 ACRES

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

N/A

- ☐ Diesel Fuel
- ☐ Lubricants
- ☐ Bioxide
- ☐ Other _____

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

N/A

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☐ Other _____

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☒ Other Retention Berm & Revetment

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

N/A

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre N/A

=

_____ Cubic feet of storage required for the basin

Observed Conditions Erosion control at effluent exit is holding up well

Changes required to the SWPPP None

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector James Morrow Date 5-29-98

Area Inspected MAW Base Landfill Approx. Area 125 Acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☑ Diesel Fuel
- ☑ Lubricants
- ☐ Bioxide
- ☐ Other _____

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☐ Other _____

N/A

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☑ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☐ Other _____

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin

N/A

Observed Conditions OK

Changes required to the SWPPP NA

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Carlos Hederson Date 6/5/98

Area Inspected Sewage Lagoons Approx. Area 85 Acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☐ Diesel Fuel
- ☐ Lubricants
- ☐ Bioxide
- ☐ Other _____

N/A

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☐ Other _____

N/A

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☒ Other Retention Pond Overflow

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin

N/A

Observed Conditions Erosion Control at a settlement end is holding up well

Changes required to the SWPPP None

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Carlos Henderson Date 6/11/98

Area Inspected Sewage Lagoons Approx. Area 85 Acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☐ Diesel Fuel
- ☐ Lubricants
- ☐ Bioxide
- ☐ Other _____

N/A

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☐ Other _____

N/A

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☐ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☒ Other Retention Pond & Revetment

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed: N/A
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin N/A

X

3.60 Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin

Observed Conditions Erosion Control after rain on 6/10/98 is holding up well

Changes required to the SWPPP None

Figure 3-1. Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Carlos Henderson Date 6/12/98

Area Inspected Holloman AFB Main Base Landfill Approx. Area 125 Acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☒ Diesel Fuel
- ☒ Lubricants
- ☐ Bioxide
- ☐ Other _____

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☐ Other _____

N/A

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☒ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☐ Other _____

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

☐ Sediment controls are needed and will include the following

- ☐ Sediment Basin
- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

☐ A sediment basin will be installed

N/A

☐ A sediment basin cannot be constructed, the following sediment controls will be installed:

- ☐ Hay Bales in anticipated drainage paths
- ☐ Silt fence along all sideslope and downslope boundaries

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____	Acres area draining to the sediment basin
x	
3.60	Cubic feet of storage/acre
=	
_____	Cubic feet of storage required for the basin

N/A

Observed Conditions None

Changes required to the SWPPP None

Erosion, Sediment, and Pollution Control Inspection Checklist

Inspector Carlos Henderson Date 6/15/98

Area Inspected Holloman AFB Landfill Approx. Area 125 Acres

CONTAINED MATERIAL STATUS

Check that all material containers are intact and are not leaking, and all containment elements are in place and in good condition.

- ☒ Diesel Fuel
- ☒ Lubricants
- ☐ Bioxide
- ☐ Other _____

STABILIZATION PRACTICES

Stabilization practices will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14 day after construction activity has permanently or temporarily ceased. Stabilization measures to be used include:

- ☐ Silt Fencing
- ☐ Hay Bales
- ☐ Temporary Seeding
- ☐ Permanent Seeding
- ☐ Mulching
- ☐ Geotextiles
- ☐ Other _____

N/A

STRUCTURAL PRACTICES

Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- ☒ Earth Dike
- ☐ Drainage Swale
- ☐ Interceptor Dike and Swale
- ☐ Pipe Slope Drain
- ☐ Other _____

DRAINAGE LOCATIONS SERVING LESS THAN 10 DISTURBED ACRES

- ☐ Sediment controls are needed and will include the following:
  - ☐ Sediment Basin
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N/A

DRAINAGE LOCATIONS SERVING 10 OR MORE DISTURBED ACRES

- ☐ A sediment basin will be installed
- ☐ A sediment basin cannot be constructed, the following sediment controls will be installed:
  - ☐ Hay Bales in anticipated drainage paths
  - ☐ Silt fence along all sideslope and downslope boundaries

N/A

SEDIMENT BASIN RUNOFF STORAGE CALCULATION

_____ Acres area draining to the sediment basin

X

3.60 Cubic feet of storage/acre

=

_____ Cubic feet of storage required for the basin

N/A

Observed Conditions None

Changes required to the SWPPP None

APPENDIX I

RESEEDING ACTIVITIES

FOSTER WHEELER ENVIRONMENTAL CORPORATION

DATE: 7/02/98

TO: Debbie Wilson **OFFICE LOCATION:** Denver

FROM: Dan Holmquist **OFFICE LOCATION:** Holloman

SUBJECT: Reseeding Activities

The following reseeding activities are provided:

6/15/98 Three trucks from Rocky Mountain Reclamation (RMR) bring in 66 bales of hay for reseeding Sewage Lagoons.

6/16/98 Three more trucks from RMR bring in 66 bales of hay. Reseeding operation begins.

6/17/98 Three more trucks from RMR bring in 66 bales of hay. Reseeding continues.

6/18/98 Three more trucks from RMR bring in 66 bales of hay. Reseeding continues.

6/19/98 Three more trucks bring in 66 bales of hay. Reseeding continues.

6/20/98 Reseeding continues.

6/21/98 No work.

6/22/98 Three more trucks bring in 66 bails of hay. Reseeding continues.

6/23/98 Reseeding continues.

6/24/98 Reseeding complete. Demobilization of seeding operation.

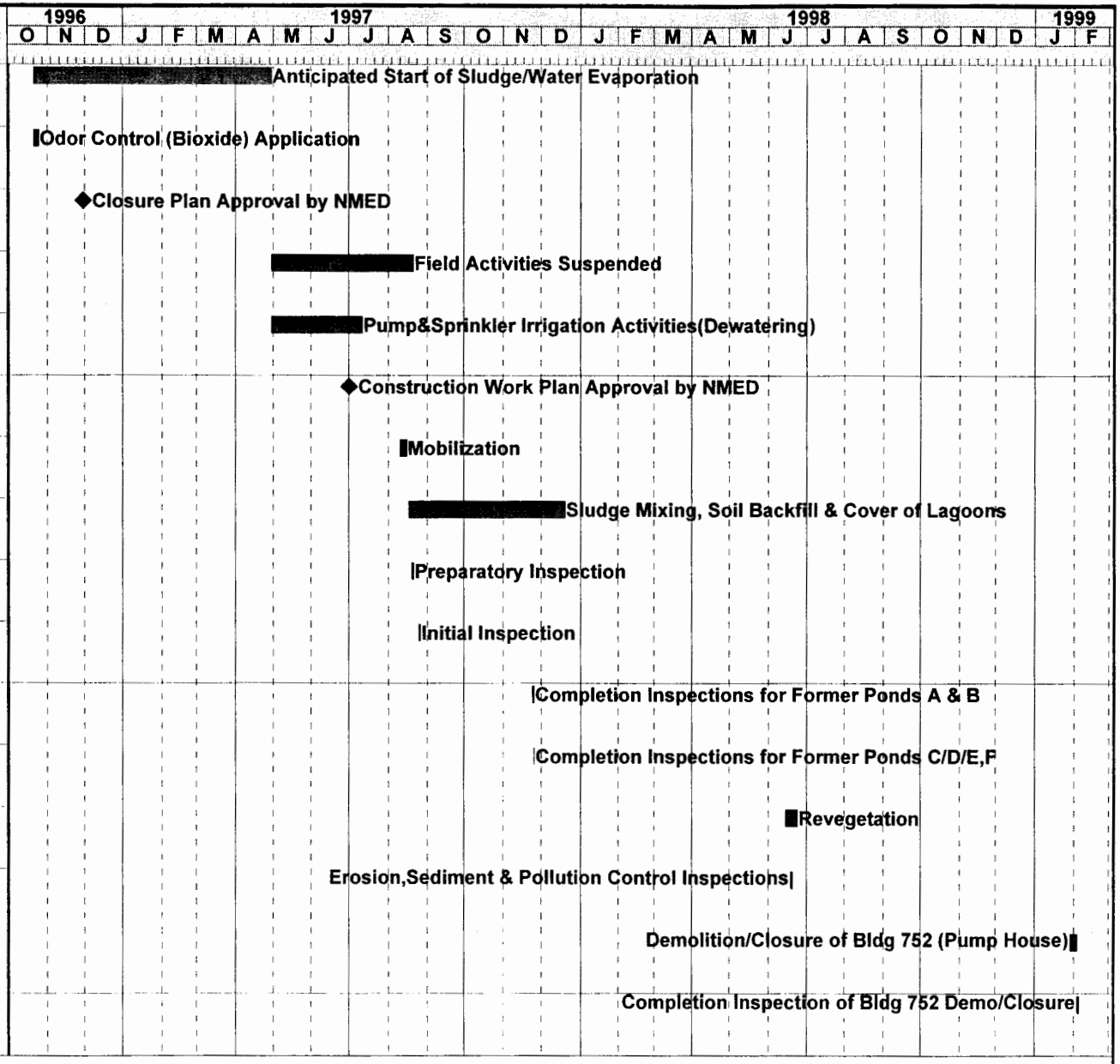
A total of 18 trucks of hay came onto the Base. Each truck carried 22 bales of hay.

DANIEL K. HOLMQUIST
Site Manager

APPENDIX J

GANTT CHART

Activity ID	Activity Description	Orig Dur	Start	Finish
100	Anticipated Start of Sludge/Water Evaporation	137	21OCT96	29APR97
110	Odor Control (Bioxide) Application	5	21OCT96	25OCT96
120	Closure Plan Approval by NMED	0		29NOV96
130	Field Activities Suspended	81	30APR97	20AUG97
140	Pump&Sprinkler Irrigation Activities(Dewatering)	52	30APR97	10JUL97
150	Construction Work Plan Approval by NMED	0		30JUN97
160	Mobilization	5	11AUG97	15AUG97
170	Sludge Mixing, Soil Backfill & Cover of Lagoons	90	18AUG97	19DEC97
180	Preparatory Inspection	1	20AUG97	20AUG97
190	Initial Inspection	1	26AUG97	26AUG97
200	Completion Inspections for Former Ponds A & B	1	24NOV97	24NOV97
210	Completion Inspections for Former Ponds C/D/E,F	1	25NOV97	25NOV97
220	Revegetation	8	15JUN98	24JUN98
230	Erosion,Sediment & Pollution Control Inspections	1	19JUN98	19JUN98
240	Demolition/Closure of Bldg 752 (Pump House)	4	29JAN99	03FEB99
250	Completion Inspection of Bldg 752 Demo/Closure	1	04FEB99	04FEB99



Project Start 01OCT96
Project Finish
Data Date 01OCT96
Run Date 07JUL99

Early Bar
Progress Bar

1509

Sheet 1 of 1

Former Sewage Lagoons Closure

Holloman AFB, New Mexico

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APPENDIX K

LIST OF REPORTS PREPARED REGARDING THE SEWAGE LAGOONS AT HOLLOMAN AFB

List of Reports Prepared Regarding the Sewage Lagoons at Holloman AFB

REPORT TITLE	DESCRIPTION	DATE
Evaluation for Hazardous Waste at Holloman AFB Sewage Treatment Plant	EP toxicity results of November 1981 water and sludge samples collected from the sewage lagoons and Lake Holloman	January 1982
Report to USEPA Regarding Holloman Air Force Base Lagoons and T-38 Washrack Oil-Water Separator	Analytical results of sludge and wastewater samples collected from Ponds A and B.	December 22, 1983
Sewage Lagoon Test Results	Analytical results of sludge and wastewater samples	UBTL/March 1985
Evaluation for 129 Priority Pollutants, Holloman AFB Sewage Ponds	During December 1984 HAFB collected sludge and wastewater samples from Ponds A, B, and C and analyzed for the 129 priority pollutants, heavy metals and pesticides and EP toxicity. Analytical methods used included EPA methods 624, 625, and 608, cyanides, and total phenols.	Holloman AFB Bioenvironmental Engineering Services/March 1986
Analytical Summary of Holloman Air Force Base Delisting Assessment, Holloman, New Mexico	Analytical results of December 1984 sampling event and a July 1987 sampling event that collected one sludge and one water sample from each sewage lagoon, Lake Holloman, and Lake Stinky. Appendix IX constituents were analyzed during the July 1987 event.	Wadsworth/ALERT Laboratories/August 18, 1987
Draft Quality Control Summary Report (A-E QCSR) for Additional Sampling Hazardous Waste Sewage Sludge Removal	Defines extent of PCB, organic constituents, and metals contamination in Ponds A (45 locations) and B (40 locations) and along the periphery of each lagoon (4 samples each). Analytical results of sewage sludge for metals, Methods 8240, 8270, 8080, cyanide, and EP toxicity. Samples were collected between August 22 and September 8, 1988.	Radian/January 1989
Hydrogeologic Investigation Report and Groundwater Monitoring Plan for the Sewage Treatment Lagoons	Results of hydrogeologic investigation and proposed monitoring system.	Radian/July 1989
Data Quality Control Summary Report for Additional Groundwater Samples from the First Groundwater Sampling Round	Results of groundwater monitoring.	Radian/November 1989
Letter to USACE summarizing sampling activities conducted in March 1990 for Ponds B and C	Analytical results of sludge and soil collected from Pond C.	Radian letter report April 1990

List of Reports Prepared Regarding the Sewage Lagoons at Holloman AFB

(Continued)

REPORT TITLE	DESCRIPTION	DATE
Second, Third, and Fourth Monthly Groundwater Sampling Report	Results of groundwater monitoring from September 25-28; November 5-8; and December 10-14, 1989.	IT Corp./ May 1990
First semiannual groundwater sampling report	Results of groundwater monitoring from January 15-17, 1990	IT Corp./ May 1990
Project Assessment Report of the Sewage Lagoons System, March 1980-July 1990	History of sewage lagoons and lakes project.	Radian/August 1990
Risk Assessment for the Sewage Lagoon System	Table 4-3 of the report contains maximum concentrations of constituents detected in previous investigations of the sewage lagoons.	Radian/February 1991
A-E Sampling and Quality Control Summary Report (A-E SQCSR) for Field Investigation to Support Sewage Lagoon Closure	Focuses on the quality of the soils underlying the sludge in Ponds A and B, and if any contaminants migrated to Pond C. Soil samples were collected from Ponds A, B, and C; sludge samples were collected from Ponds B and C; a groundwater sample was collected from Pond B. Four background soil samples were also collected. Samples were collected in March and November 1990. Samples were analyzed using SW methods 8240 (volatile organics), 8270 semivolatile organics), 8150 (chlorinated herbicides, 8080 (pesticides and PCBs), 9012 (cyanide), and 6010, 7060, 7471, and 7740 (metals).	Radian/June 1991
Quality Control Summary Report for Sewage Lagoon Surface Water Sampling	Results of surface water samples collected October 8-10, 1990 at Headworks, Ponds B, C, D, E, G, and Lake Holloman	Radian/June 1991
Second Semi-annual Groundwater Sampling Report	Results of groundwater sampling performed July 17-20, 1990	IT Corp./June 1991
Background Contamination Indicator Parameters Summary Statistics for Upgradient Wells and Comparison with Data for the Second Semi-annual Groundwater Sampling Episode, Sewage Treatment Lagoons Monitoring Wells	See title for description	IT Corp./June 1991
Third Semi-annual Groundwater Sampling Report	Results of groundwater sampling performed January 14-17, 1991	IT Corp./June 1991

List of Reports Prepared Regarding the Sewage Lagoons at Holloman AFB

(Continued)

REPORT TITLE	DESCRIPTION	DATE
Background Contamination Indicator Parameters Summary Statistics for Upgradient Wells and Comparison with Data for the Third Semi-annual Groundwater Sampling Episode, Sewage Treatment Lagoons Monitoring Wells	See title for description	IT Corp./June 1991
Fourth semiannual groundwater sampling report	Results of groundwater sampling from July 15-19, 1991	IT Corp./ October 1991
Background Contamination Indicator Parameters Summary Statistics for Upgradient Wells and Comparison with Data for the Fourth Semi-annual Groundwater Sampling Episode, Sewage Treatment Lagoons Monitoring Wells	See title for description	IT Corp./October 1991
Groundwater Assessment Monitoring Plan for the Sewage Treatment Lagoons	Describes groundwater monitoring procedures for the Phase I Assessment	Radian/September 1991
Conceptual Plan for Sludge and Soil Sampling	Describes alternate plan for sampling each sewage lagoon to support the PCCP application.	Radian/November 1991
A-E Sampling and Quality Control Summary Report for Appendix IX Groundwater Sampling, Assessment Monitoring Program	Analytical results of assessment monitoring program conducted between September 1991 and April 1992	Radian/April 1992
Results of Confirmation Sampling and Comparison to Appendix IX Sampling, Assessment Monitoring Program, Holloman AFB, NM	Results of confirmation sampling to determine the presence of organochlorine pesticides in the groundwater. Sampling was performed in February 1992.	Radian/April 1992
Hazardous Waste Sewage Sludge Removal Lab Results	Results of sludge sampling on October 9, 1990	WT Environmental Consultants/ May 1992
Sampling and Quality Control Summary Report (A-E SQCSR), Sewage Lagoon Investigation	Appendix IX analytical results of sludge and soil collected in the Ponds C, D, E, G, ditch, and Lakes Holloman and Stinky during the Spring of 1992. Sludge and soil samples were also analyzed for organophosphorus pesticides, chlorinated herbicides, PCBs, dioxins and furans.	Radian/August 1992

List of Reports Prepared Regarding the Sewage Lagoons at Holloman AFB

(Continued)

REPORT TITLE	DESCRIPTION	DATE
Site Characterization Report Sewage Lagoon Investigation	Presents results and conclusions for the spring of 1992 investigation.	Radian/August 1992
Draft Final Chemical Data Acquisition Plan (CDAP)	Presents sampling scheme for 1993 investigation. The appendix presents the results of the 8080 geoprobe analyses.	Radian/January 1993
Draft Final Phase 2 - RCRA Facility Investigation Report for Lakes Holloman and Stinky	Contains data evaluation criteria, conclusions and recommendations for groundwater monitoring results from wells downgradient of the Lakes	Radian/December 1993
Sampling and Quality Control Summary Report (A-E SQCSR) Sewage Lagoons and Lakes Investigation, Draft Final	Analytical results for 8080 geoprobe water samples, and inorganic results for background soils and groundwater samples. Also inorganic analyses for soils, surface water, and groundwater; and organic analyses for soils, surface water and groundwater collected from the sewage lagoons and lakes. In addition results of biota samples collected from sewage lagoons and Lake Holloman.	Radian/October 1993
Holloman Risk Assessments for Sewage Lagoons and Lakes Investigation	Vol. II, Appendix B to this report presents the analytical data collected in previous investigations of the sewage lagoons. Appendix M describes the biota sampling event.	Radian/November 1993
Draft Final Phase 1 - Groundwater Assessment Monitoring Report, Sewage Lagoons and Lakes Investigation	Defines lateral extent of Method 8080 pesticides in uppermost aquifer. Appendix IX constituents were collected in new wells that were installed. Document contains data evaluation criteria, conclusions and recommendations.	Radian/December 1993
Preliminary Survey of Contaminants Present in Biota, Pore-Water, and Sediments at the Holloman Air Force Base Waste Water Treatment Facility	During the summer of 1991, USF&WS collected eleven sediment, 1 pore-water, and 35 biological samples in the sewage lagoons and Lake Holloman. Samples were analyzed for heavy metals and metalloids, organochlorine pesticide and PCBs, polycyclic aromatic hydrocarbons, aliphatic hydrocarbons, and certain dioxin and furan compounds. Results and conclusions are presented in this report.	USF&WS/January 1994
Conceptual Plan for Additional Sampling Sewage Lagoons and Lakes Investigation	Describes proposed sampling procedures to identify extent of contamination in the sewage lagoons and lakes.	Radian/January 1994

List of Reports Prepared Regarding the Sewage Lagoons at Holloman AFB (Continued)

REPORT TITLE	DESCRIPTION	DATE
Project Assessment Report, Sewage Lagoons and Lakes, Closure Project	Provides historical background of regulatory issues and investigates from the early 1980s through 1995.	Radian and Foster Wheeler, March 1995
Long-term Monitoring Plan for the Sewage Lagoons	Outlines the current groundwater monitoring program for the sewage lagoons.	Radian, April 1995
Annual Sampling Reports, Sewage Lagoons Long-term Groundwater Monitoring Program	Presents the results of the 1995 groundwater monitoring program for the sewage lagoons.	Radian, February 1996
Risk Assessment Report	Updates risk values for human health using the data collected during 1994 and 1995. Completely redoes the ecological risk assessment using biological sample data collected.	Radian and Foster Wheeler, March 1996
Site Characterization Report	Provides results and conclusions of data collected during 1994 and 1995. Describes trend in data from previous investigations.	Radian and Foster Wheeler, June 1996
Biological Resources Report	Describes effects that different closure alternatives could have on the ecosystem provided by the sewage lagoons and lakes.	Radian and Foster Wheeler, June 1996
Corrective Measures Study	Provides an evaluation of several closure alternatives, defines the closure objective and criteria, and proposes a conceptual design for closure of the sewage lagoons.	Radian, June 1996
Sewage Lagoons Closure Plan	Description of closure activities at sewage lagoons in accordance with 1988 Federal Facilities Compliance Agreement.	Foster Wheeler and Radian, June 1996
Construction Work Plan for the Sewage Lagoons IRA Project	Interim response action for odor control at the sewage lagoons.	Foster Wheeler, October 1996
Deed Notification Summary	Fulfills the Deed Restriction requirement of the Sewage Lagoons Closure Plan.	Foster Wheeler, April 1999