



Goering, Darlene, NMENV

From: Goering, Darlene, NMENV
Sent: Wednesday, December 06, 2006 11:48 AM
To: 'Enz, Robert D.'
Subject: RE: RCR_outline_rev 2_12-05-06.doc *Airport Landfill Remedy Completion Report Outline*

This will work, Bob. I approve the proposed outline for the Airport Landfill Remedy Completion Report.

From: Enz, Robert D. [mailto:REnz@doeal.gov]
Sent: Wednesday, December 06, 2006 10:29 AM
To: Goering, Darlene, NMENV
Subject: FW: RCR_outline_rev 2_12-05-06.doc

Darlene,

Attached is a revised Table of Contents (TOC) for the Airport Landfills Completion Report. We have taken your comments and incorporated them into a new section entitled "1.1 Waste relocation and regrading". Please review this revised TOC, and provide me with an approval if this TOC meets your expectations.



4984

Remedy Completion Report
DOE-LASO TA-73 Airport Landfill
SWMUs 73-001(a) and 73-001(d)
(DRAFT ANNOTATED OUTLINE)

12/05/06

1.0 SUMMARY OF WORK COMPLETED

- Summary description of features of work and general statement.

1.1 Waste relocation and regrading

- Volumes of waste relocated
- Types of waste encountered
- On-site monitoring during relocation
- Final grades

1.2 Main landfill cover

- Summary of features
- Total acres
- Include photos
- Reference applicable drawings

1.2.1 Hangar pads

- Number, dimensions
- Include photos
- Reference applicable specs and drawings

1.2.2 Gas venting system

- Linear feet
- Reference applicable specs and drawings

1.2.3 MatCon cover

- Total acres
- Include photos

- Reference applicable specs and drawings

1.3 North and east slope covers

- Summary of features
- Total acres
- Include photos
- Reference applicable drawings



Figure 1.2-1. Completed installation of north slope cover (EXAMPLE).

1.3.1 Infiltration layer

- Total acres
- Reference applicable specs and drawings

1.3.2 Vegetative cover

- Total acres
- List actual seed mix planted
- Reference applicable specs and drawings.

1.3.3 Geosynthetic slope protection

- Total acres of each type
- Include photos
- Reference applicable specs and drawings and product data

1.4 Stormwater system

- Reference applicable specs and drawings
- Include photos

1.5 Retaining walls

1.5.1 Concrete wall

- Total linear feet
- Reference applicable specs and drawings
- Include photos

1.5.2 MSE walls

- Total linear feet
- Reference applicable specs and drawings
- Include photos

1.5.3 Surface covers behind walls

- Total acres
- Reference applicable specs and drawings
- Include photos

1.6 DDA cover

- Total acres regraded and seeded
- Actual seed mix planted
- Include photos

2.0 STATEMENT BY ENGINEER OF RECORD

- Includes signature by ER

3.0 CERTIFICATION BY DOE

4.0 AS-BUILT DRAWINGS AND SPECIFICATIONS

4.1 As built drawings

- Insert drawings

4.2 As built specifications

- Insert specifications

5.0 RESULTS OF MONITORING, SAMPLING AND ANALYSIS

- General statement re: monitoring, sampling and analysis performed for each feature of work
- Map showing delineation of waste
- Drilling logs and locations
- Insert summary data worksheet(s) for each feature of work, material type and test phase as listed below

5.1 Main landfill cover

5.1.1 Aggregate subgrade

5.1.2 Hangar Pads

5.1.3 MatCon cover

5.2 North and East slope covers

5.2.1 Infiltration layer

5.2.2 Topsoil

5.3 Retaining walls

5.3.1 Concrete wall

5.3.2 MSE wall

5.4 DDA cover

Table 5-1. Summary of hangar pad aggregate base course field testing (EXAMPLE).

Material	Source	Sample location	Sample No.	Report No.	Test date	Test	Method	Result
Aggregate	Espanola Transit Mix	HP-2 subgrade	1	TD005	6/14/2006	Field density	ASTM D2922	135.1
Aggregate	Espanola Transit Mix	HP-2 subgrade	1	TD005	6/14/2006	Field moisture	ASTM D3017	3.5
Aggregate	Espanola Transit Mix	HP-2 subgrade	2	TD005	6/14/2006	Field density	ASTM D2922	139.0
Aggregate	Espanola Transit Mix	HP-2 subgrade	2	TD005	6/14/2006	Field moisture	ASTM D3017	3.7
Aggregate	Espanola Transit Mix	HP-2 subgrade	3	TD005	6/14/2006	Field density	ASTM D2922	133.2
Aggregate	Espanola Transit Mix	HP-2 subgrade	3	TD005	6/14/2006	Field moisture	ASTM D3017	4.3
Aggregate	Espanola Transit Mix	HP-2 subgrade	4	TD005	6/22/2006	Field density	ASTM D2922	133.9
Aggregate	Espanola Transit Mix	HP-2 subgrade	4	TD005	6/22/2006	Field moisture	ASTM D3017	4.3
Aggregate	Espanola Transit Mix	HP-2 subgrade	5	TD005	6/22/2006	Field density	ASTM D2922	136.5
Aggregate	Espanola Transit Mix	HP-2 subgrade	5	TD005	6/22/2006	Field moisture	ASTM D3017	3.6
Aggregate	Espanola Transit Mix	HP-3 subgrade	6	TD010	6/26/2006	Field density	ASTM D2922	135.5
Aggregate	Espanola Transit Mix	HP-3 subgrade	6	TD010	6/26/2006	Field moisture	ASTM D3017	4.8
Aggregate	Espanola Transit Mix	HP-3 subgrade	7	TD010	6/26/2006	Field density	ASTM D2922	139.5 pcf
Aggregate	Espanola Transit Mix	HP-3 subgrade	7	TD010	6/26/2006	Field moisture	ASTM D3017	4.3%

Material	Source	Sample location	Sample No.	Report No.	Test date	Test	Method	Result
Aggregate	Espanola Transit Mix	HP-3 subgrade	10	TD010	6/28/2006	Field density	ASTM D2922	134.0 pcf
Aggregate	Espanola Transit Mix	HP-3 subgrade	10	TD010	6/28/2006	Field moisture	ASTM D3017	4.5%
Aggregate	Espanola Transit Mix	HP-3 subgrade	11	TD010	6/26/2006	Field density	ASTM D2922	139.4 pcf
Aggregate	Espanola Transit Mix	HP-3 subgrade	11	TD010	6/26/2006	Field moisture	ASTM D3017	4.0%
Aggregate	Espanola Transit Mix	HP-1 subgrade	12	TD011	7/17/2006	Field density	ASTM D2922	135.0 pcf
Aggregate	Espanola Transit Mix	HP-1 subgrade	12	TD011	7/17/2006	Field moisture	ASTM D3017	5.0%
Aggregate	Espanola Transit Mix	HP-1 subgrade	13	TD011	7/17/2006	Field density	ASTM D2922	132.9 pcf
Aggregate	Espanola Transit Mix	HP-1 subgrade	13	TD011	7/17/2006	Field moisture	ASTM D3017	5.0%
Aggregate	Espanola Transit Mix	HP-5 subgrade	19	TD022	8/10/2006	Field density	ASTM D2922	131.6 pcf
Aggregate	Espanola Transit Mix	HP-5 subgrade	19	TD022	8/10/2006	Field moisture	ASTM D3017	5.4 %
Aggregate	Espanola Transit Mix	HP-5 subgrade	20	TD022	8/10/2006	Field density	ASTM D2922	132.7 pcf
Aggregate	Espanola Transit Mix	HP-5 subgrade	20	TD022	8/10/2006	Field moisture	ASTM D3017	6.1%
Aggregate	Espanola Transit Mix	HP-5 subgrade	21	TD022	8/10/2006	Field density	ASTM D2922	133.5 pcf
Aggregate	Espanola Transit Mix	HP-5 subgrade	21	TD022	8/10/2006	Field moisture	ASTM D3017	7.6%