



DEPARTMENT OF THE ARMY
US ARMY INSTALLATION MANAGEMENT COMMAND
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT BLISS
1741 MARSHALL ROAD
FORT BLISS, TEXAS 79916



REPLY TO
ATTENTION OF:

January 2, 2014

Environmental Division

RECEIVED

Mr. David Cobrain
Project Leader
New Mexico Environmental Department-HWB
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

JAN 8 2014

**NMED
Hazardous Waste Bureau**

Dear Mr. Cobrain:

On May 30, 2013, and on September 25, 2013, the biannual inspections of the landfill were performed by the Directorate of Public Works (DPW) Environment Division. The Post-Closure Site Inspection of the Closed Dona Ana Rubble Pit Landfill #12, Solid Waste Management Unit (SWMU) No.27/FTBL-012 as per NMED letter dated October 30, 2007. The correspondence from NMED indicated that the following information must be included in the site inspection: observations of the final cover and side slopes, surface water drainage system, and vegetative cover conditions. The correspondence also indicated that any damage to cover material and side slopes must be noted and repaired. Capped areas experiencing subsidence must be re-graded with additional soil as needed to maintain site drainage if subsidence has occurred.

On the May 30, 2013, inspection of SWMU-27/FTBL-012, Dona Ana Rubble landfill, all native vegetation at the landfill was in very good condition, even though area receive a very little amount of precipitation (i.e., rain or snow during the winter and spring season). There is no subsidence within the metes bounds of the landfill. All the dirt work within the large arroyo to the northeast of the landfill has been repaired. All fences, gates, and signage at the landfill is time is in very good condition.

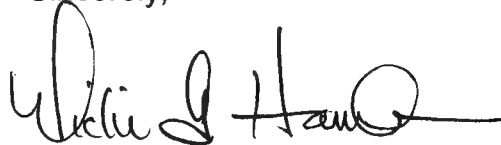
During the inspection of SWMU-27/FTBL-012, Dona Ana Rubble landfill, on September 25, 2013, it was noted that all earth work at the landfill has been completed. During this inspection it was noted that there is no cracking and/or subsidence on the capped area itself. Vegetation is very robust, due to precipitation, which occurred during the monsoon season. The swale in the western portion of SWMU-27/FTBL-012 is showing signs of erosion in some of the areas. A work order was placed and the swale was repaired by November 2013. Signage and fences were in good condition.

A third unscheduled inspection was performed after a rain occurrence of one inch, as instructed by NMED letter dated October 30, 2007. During the inspection of SWMU-27/FTBL-012, Dona Ana Rubble landfill, after 1 inch rain event July 31, 2013. The following observations were noted. Erosion was found on the south-east portion of

the arroyo, which is located on the eastern portion of the landfill. This erosion does not affect the integrity of the cap. The erosion within the arroyo will require low level maintenance and soil added. A service order was submitted through the Fort Bliss Directorate of Public Work, to correct this problem. It was noted that the vegetation is spreading throughout the landfill, along the large arroyo to the east and on the cap, due to the precipitation which has recently occurred. A copy of the report is included with this inspection.

If you have any questions concerning this report, please do not hesitate to contact Joel Reyes, at 915-568-6993, joel.reyes20.civ@mail.mil.

Sincerely,

A handwritten signature in black ink, appearing to read "Vicki G. Hamilton". The signature is fluid and cursive, with a long horizontal stroke at the end.

Vicki G. Hamilton, R.A.
Chief, Environmental Division
Directorate of Public Works

Enclosures

**Dona Range Camp Rubble Landfill Inspection
SWMU-27/FTBL-012**

Unit: IMBW- PWE

Inspections of May 30, 2013

Facility ID: SWMU-27/FTBL-12

Facility Name: Closed Dona Ana Range Rubble #12

Assessor: Ron Baca

Telephone Number: (915) 568-7979

Email Address: ronald.h.baca.ctr@mail.mil

List of Observations: Inspection of May 30, 2013:

During the inspection of SWMU-27/FTBL-012, Dona Ana Rubble landfill, on May 30, 2013. It was noted that all earth work at the landfill has been completed. During this inspection, no erosion and/or subsidence was found on the capped area. Vegetation is very sparse on the surrounding area of the landfill and on the final cover, due to lack of precipitation during winter and spring. Signage and fences were in good condition.

Photo #1	
<p>Looking South The earth work has been completed on the arroyo slopes on the eastern portion of this landfill.</p> <p>Note: Landfill is to the right in this photograph.</p>	 <p style="text-align: right;">Landfill cap.</p> <p style="text-align: center;">Looking south at arroyo and arroyo slopes after earth work completed.</p> <p style="text-align: right; color: red;">31 10:36</p>

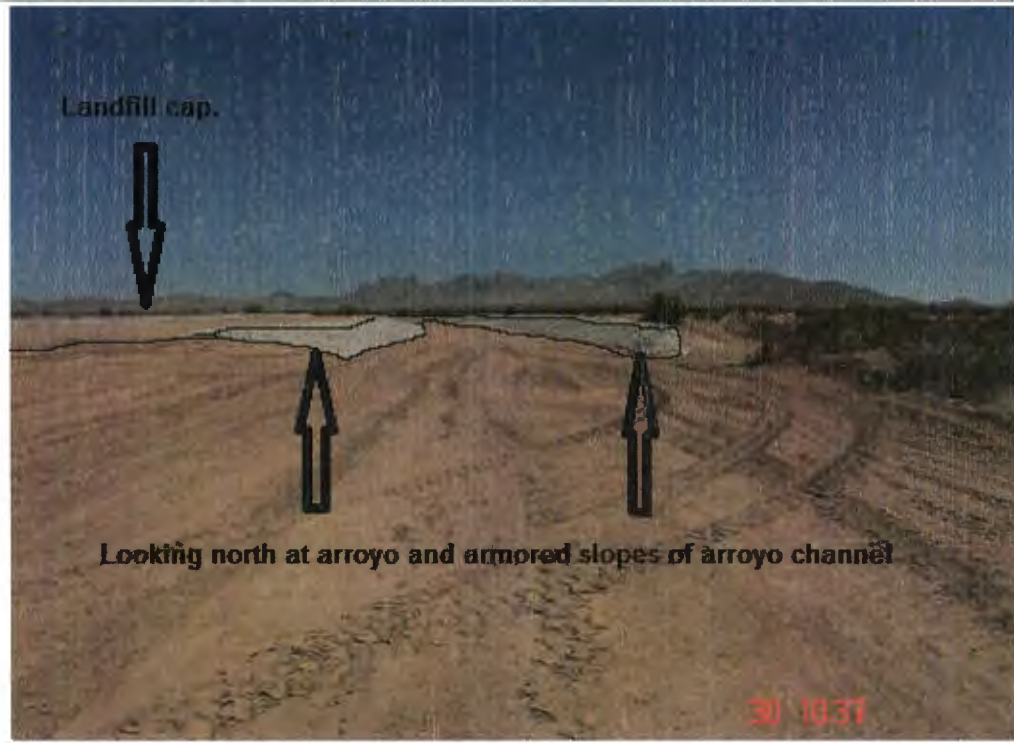
**Dona Range Camp Rubble Landfill Inspection
SWMU-27/FTBL-012**

Photo #2

Looking North
The earth work
has been
completed in the
arroyo on the
eastern portion
of Landfill.

Note: Gravel
rocks placed on
side slopes of
arroyo for
protection.

SWMU-27/FTBL-
014 is to the left
in this
photograph.



Looking north at arroyo and armored slopes of arroyo channel

Photo #3

Looking south at
the swale, the
western portion
of Landfill is in
good condition.

Note: A small
amount of re-
grading was
completed this
past year. Also
note vegetation.



Landfill cap

**Dona Range Camp Rubble Landfill Inspection
SWMU-27/FTBL-012**

Photo #4

Looking Southwest vegetation is sparse due to the lack of precipitation during the winter and spring months



Photo #5

Looking Northwest the gate is in good condition.

Note: Sparse vegetation within the metes and bounds of landfill.



**Dona Range Camp Rubble Landfill Inspection
SWMU-27/FTBL-012**

Photo #6

All signage and fencing around landfill are in good condition.



Dona Range Camp Rubble Landfill after 1 inch rain event Inspection SWMU-27/FTBL-012

Unit: IMBW- PWE

Inspection after 1 inch rain event July 31, 2013

Facility ID: SWMU-27/FTBL-12

Facility Name: Closed Dona Ana Range Rubble #12

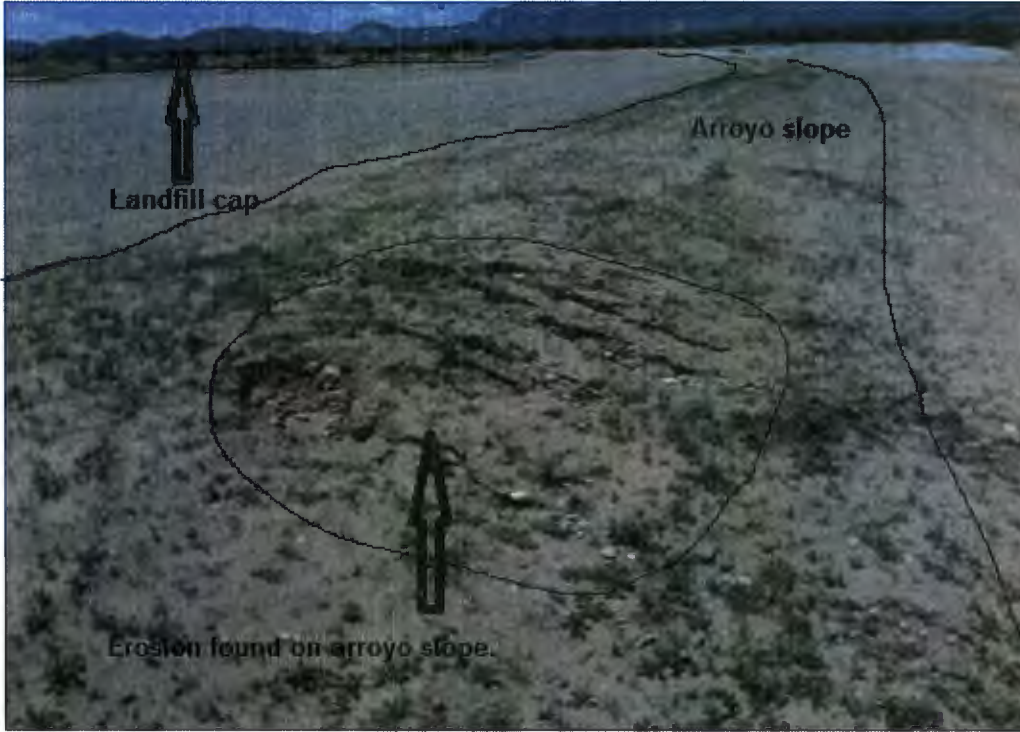
Assessor: Joel Reyes

Telephone Number: (915) 568-6993

Email Address: joel.reyes20.civ@mail.mil

List of Observations: Inspection after 1 inch rain event July 31, 2013:

During the inspection of SWMU-27/FTBL-012, Dona Ana Rubble landfill, after 1 inch rain event July 31, 2013, the following observations were noted: Erosion was found on the south-east portion of the swale, which is located on the western portion of the landfill. This erosion does not affect the integrity of the cap. The erosion within the swale will require low level maintenance. A service order will be submitted through the Fort Bliss Directorate of Public Works, to correct this problem. It was noted that the vegetation is spreading throughout the landfill, along the large arroyo to the east and on the cap, due to the precipitation which has recently occurred.

Photo #1	
<p data-bbox="203 1129 418 1375">South side slope of arroyo. Note this erosion is in the channel of the arroyo and does not affect the cap.</p> <p data-bbox="203 1417 418 1549">Note vegetation on the slope, this will help stabilize soil.</p>	

**Dona Range Camp Rubble Landfill after 1 inch rain event Inspection
SWMU-27/FTBL-012**

<p><u>Photo #2</u></p> <p>Looking south within the arroyo located on the eastern portion of the landfill.</p> <p>Note: The feature shown in the photograph is within arroyo and does not affect the landfills cap.</p>	
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<p><u>Photo #3</u></p> <p>Looking south at the swale in the western portion of Landfill.</p> <p>Note: This feature does not affect the landfill cap, however, it will be repaired late 2013.</p>	
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**Dona Range Camp Rubble Landfill after 1 inch rain event Inspection
SWMU-27/FTBL-012**

Photo #4

Looking south across landfill a minimal amount of vegetation on capped area is visible.

Note: At this time of year the vegetation is minimal, however the rainy season has begun and vegetation will begin to flourish.



Dona Range Camp Rubble Landfill Inspection
SWMU-27/FTBL-012

Unit: IMBW- PWE

Inspections of September 25, 2013

Facility ID: SWMU-27/FTBL-12

Facility Name: Closed Dona Ana Range Rubble #12


Assessor: Ron Baca

Telephone Number: (915) 568-7979

Email Address: ronald.h.baca.ctr@mail.mil

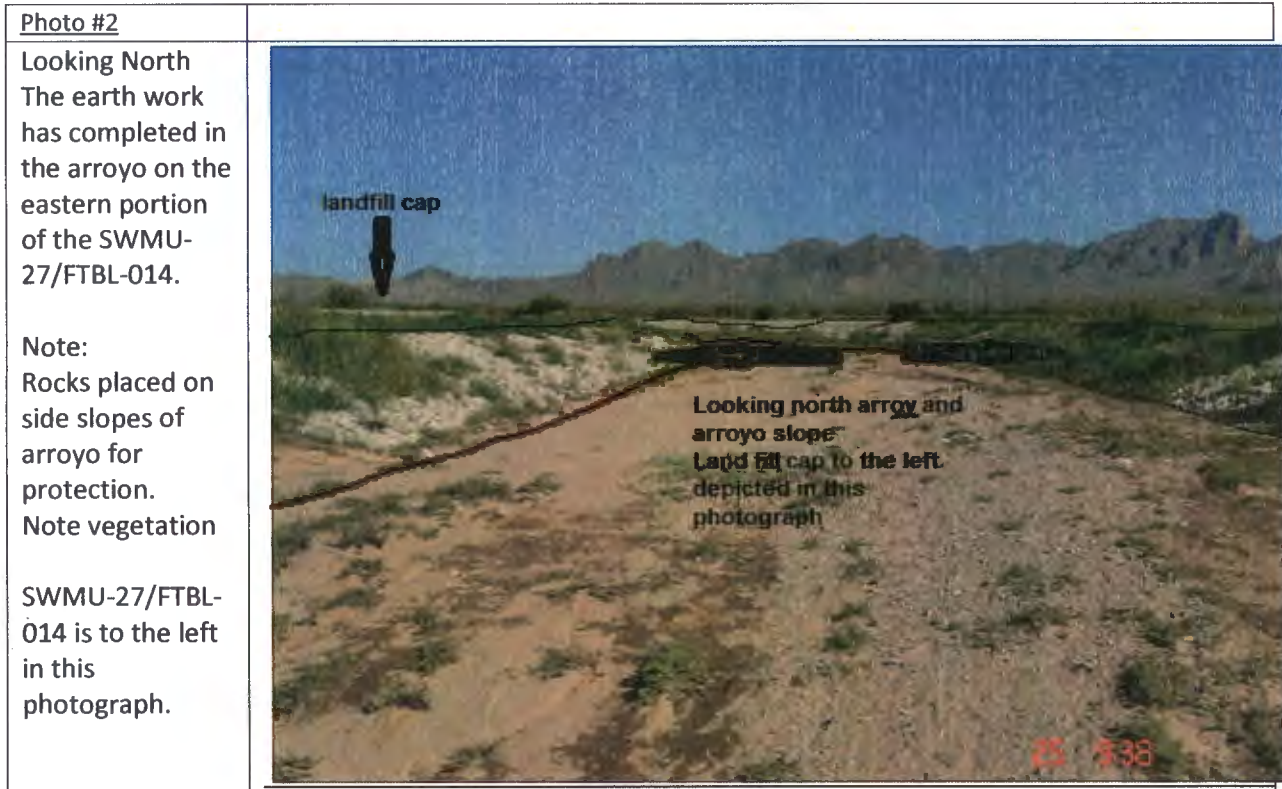
List of Observations: Inspection of September 25, 2013:

During the inspection of SWMU-27/FTBL-012, Dona Ana Rubble landfill, on September 25, 2013. It was noted that all earth work at the landfill has been completed. During this inspection it was noted that there is no cracking and/or subsidence on the capped area itself. Vegetation is robust, due to rains, which occurred during the monsoon season. The swale in the western portion of SWMU-27/FTBL-012 is showing signs of erosion in some of the areas. A work order will be placed and the swale will be repaired by the 2014 inspection. Signage and fences were in good condition.

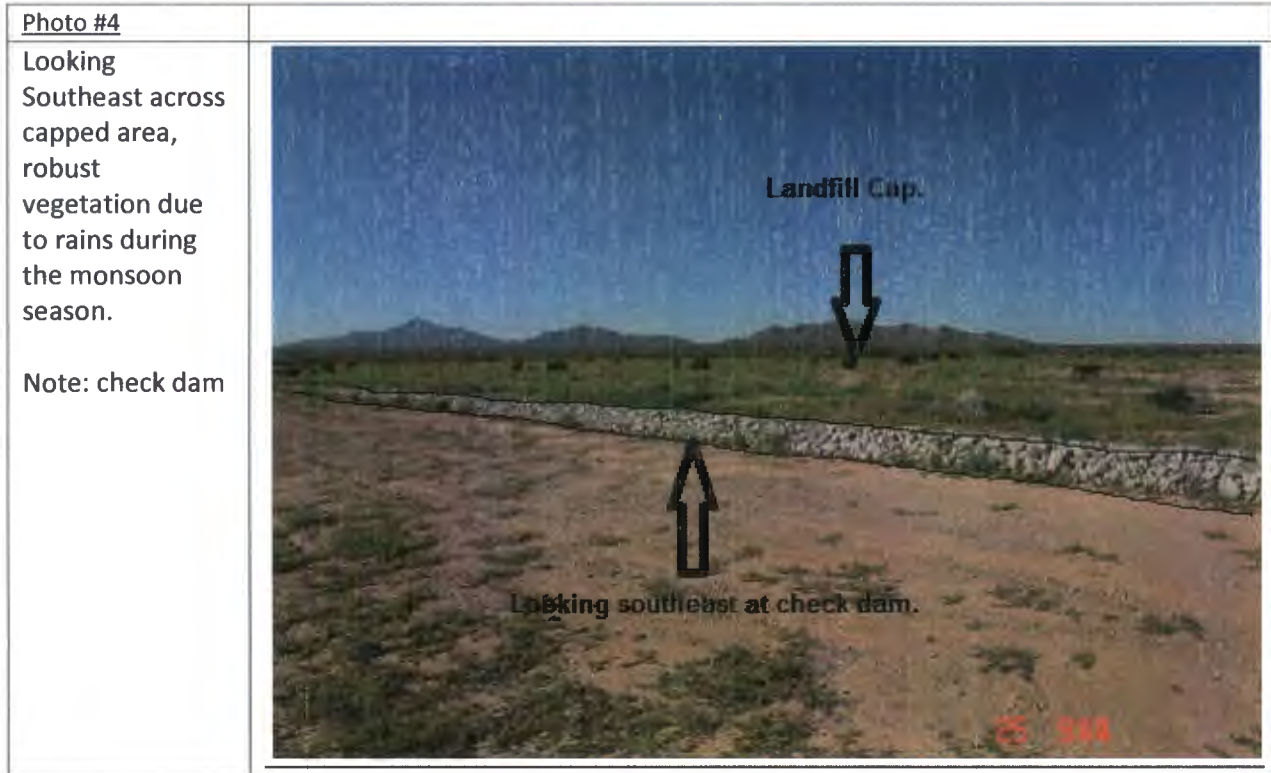
Photo #1	
<p>Looking South The earth work in the arroyo slopes in the eastern portion of SWMU-27/FTBL-012.</p> <p>Note the large amount of vegetation on the slope of the arroyo and the landfill.</p> <p>Note: SWMU-27/FTBL-014 cap is to the right in this photograph.</p>	

Dona Range Camp Rubble Landfill Inspection

SWMU-27/FTBL-012



**Dona Range Camp Rubble Landfill Inspection
SWMU-27/FTBL-012**



**Dona Range Camp Rubble Landfill Inspection
SWMU-27/FTBL-012**

Photo #6

Looking south the swale has begun to down cut as it begins to exist the metes and bounds of the landfill, however this down cutting does not affect the cap. The swale will be repaired by next inspection.



Photo #7

The gate and fencing around landfill are in good condition.



**Dona Range Camp Rubble Landfill Inspection
SWMU-27/FTBL-012**

<p><u>Photo #8</u></p>	
<p>The signage on the perimeter fence is good condition.</p>	
<p>Note Vegetation</p>	

**Dona Range Camp Rubble Landfill Inspection
SWMU-27/FTBL-012**

Unit: IMBW- PWE

Completed repair work on the arroyo and swale, November 6, 2013

Facility ID: SWMU-27/FTBL-12

Facility Name: Closed Dona Ana Range Rubble #12

Assessor: Joel Reyes

Telephone Number: (915) 568-6993

Email Address: joel.reyes20.civ@mail.mil

List of Observations: Repair work completed on the arroyo south east of landfill SWMU-27/FTBL-012 and the swale on the southwest of landfill:

The repair work at SWMU-27/FTBL-012, was completed on November 6, 2013, by the Directorate of Public Works, contractor Pride. The following photographs will document the repairs on both the arroyo on the southeastern portion of the landfill and the run-off swale on the southwestern portion of the landfill. A map depicting the repair work and approximate location of the capped waste area is attached.

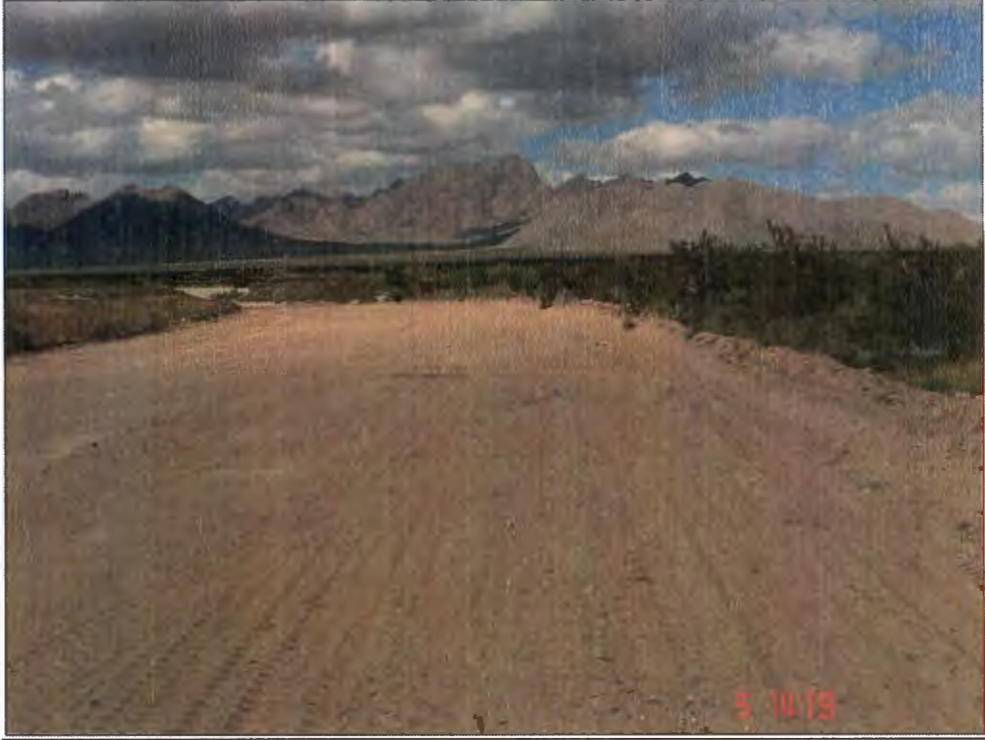
Photo #1

Looking South at completed earth work in the arroyo slopes in the eastern portion of the landfill. Photo taken on 11/6/2013.

Note: The capped area is approximately 150 feet to the right in this photograph.



**Dona Range Camp Rubble Landfill Inspection
SWMU-27/FTBL-012**

<p><u>Photo #2</u></p>	
<p>Looking North The earth work has been completed in the arroyo on the eastern portion of the landfill. Photo taken on 11/6/2013.</p> <p>Note: The capped area is approximately 150 feet from the arroyo. The landfill is to the left in this photograph.</p>	

<p><u>Photo #3</u></p>	
<p>Looking north from gate.</p> <p>Photo taken on 11/6/2013.</p> <p>Note: The capped area is approximately 150 feet from the arroyo. The landfill is to the left in this photograph.</p>	

**Dona Range Camp Rubble Landfill Inspection
SWMU-27/FTBL-012**

<p><u>Photo #4</u></p> <p>Looking Southwest at swale located on the western portion of the landfill.</p> <p>Note: The capped area is approximately 75 feet to the right in the photograph.</p> <p>Note robust Vegetation.</p>	 <p>5 14 22</p>
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<p><u>Photo #5</u></p> <p>Looking to the southwest. Completing repair work on the swale.</p> <p>The capped area is approximately 75 feet to the left in this photo.</p>	 <p>5 14 24</p>
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**Dona Range Camp Rubble Landfill Inspection
SWMU-27/FTBL-012**

<p><u>Photo #6</u></p> <p>Looking north on repaired swale on left hand side of photograph.</p> <p>Note at this location the capped area is more than 100 feet from the repair.</p>	
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MAP

Dona Ana Range Camp Rubble Landfill SWMU-27/FTBL-012

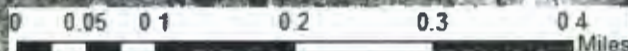
DONA ANA RANGE
BASE CAMP

Approximate limits of waste within the capped area.

Swale located on Southwestern portion of SWMU-27/FTBL-012. The repair work is approximately 100 feet from the capped area

Arroyo located on Southwestern portion of SWMU-27/FTBL-012. The repair work is approximately 150 feet from the capped area.

Dona Ana Range Camp Oxidation Pond



WORK ORDER

Work Order 668293 (156) REQUEST FOR EASTERN ARROYO WITHIN CLOSED LANDFILL BY DONA ANA BASE CAMP SEE COMM
Scheduled Start Date 11/01/2013
Status Completed
WO Type WO
Parent Work Order
Department 156RG Fort Bliss Range
Class
PM Code
Priority P3
Cost Code
Warranty N
Problem Code
Safety N
Reported By WALKIN Walk In - Work Order Type
Equip. Priority
Project
Assigned To 27209
Standard WO 156-270 RANGES
Equipment 156-RDONA (156) Bldg RDONA
Primary Equip 156-270
Location
Equipment
Manufacturer
Equipment Model
Equipment Serial Number
Date Started 11/04/2013
Estimated Hours
Date Completed 11/06/2013

Equipment User Defined Fields

Work Order User Defined Fields

21555 [11/01/2013 14:25]:

DONA ANA BASE CAMP RANGE 50 (NEEDS EARTH WORK AND DRAINAGE CAUSED BY RAIN SEE ATTACHED MAPS & IMAGES)

21664 [11/05/2013 12:54]:

11/04/2013 TECHS DEWEEDED ARROYO FILLED IN DEEP CUTS CAUSED BY WATER FLOW ON EAST SIDE OF LANDFILL; HAULED MATERIAL TO ARROYO AND HAULED DEBRIS OUT OF ARROYO

21664 [11/06/2013 10:32]:

11/05/2013 TECHS DEWEEDED WEST SIDE OF LANDFILL; FILLED IN WALL CUTS IN ARROYO AND REMOVED DEBRIS RANGES LEAD WAS AT SITE TAKING PICTURES OF THE WORK AND CHECKING ON SAFETY OF OPERATION

Work Order Custom Fields

Customer Reference Number

Contract Line (LIN)

14007

Work Order User Defined Fields

Contact Name REYES DPW
Site Project Number 156-270
Alt Contact Name 56240-3547/
Contact Telephone 568-6993
Parent Facility 156-RDONA
Parent Facility Description Bldg RDONA
Customer ID FE
Required Complete/Downgrade 12/01/2013
Actual Complete/Downgrade 11/05/2013

Activities

Activity	Trade	Est. Hours	People Req.	Task	Description
2	***	1	1		
10	*	1	1	156-PARTS	For Parts Use Only
20	*	1	1	156-SUBCONTRACT	Subcontract Services