



November 3, 2015

Mr. Arturo Burgos
Mr. Tom Ryan
City of Tucson, Environmental Services
4004 South Park Ave.
Building 1
Tucson, Arizona 85726

Re: Annual Closed Landfill Inspection – Ryan Airfield landfill

INTRODUCTION

On September 30, 2015, Engineering and Environmental Consultants Inc. (EEC) performed the annual field inspection at the closed Ryan Airfield Landfill. Ryan Airfield Landfill was operated by the City of Tucson as a Municipal Solid Waste Facility from 1973 through 1977 and lies within the secured perimeter of the active airfield.

Annual inspections are required at City of Tucson owned non-regulated closed landfills in accordance with the guidance document entitled "COT Closed Landfill Inspection and Maintenance Reporting and Procedures, March 2011". This guidance document was internally prepared by the City of Tucson Environmental Services Department (COT-ES).

Key elements of this inspection report are:

- A narrative summary of facility conditions including recommended corrective action(s) to be undertaken prior to the next scheduled inspection
- The Landfill Inspection Table used to document observed conditions (Attachment 1)
- An inspection photo log (Attachment 2)

INSPECTION SUMMARY

The annual field inspection of Ryan Airfield Landfill is organized and conducted using the inspection report table included in the COT-ES inspection guidance document. A copy of the table filled out during this inspection is included with this report (Attachment 1). The table lists specific landfill items that must be inspected items that must be inspected and provides space to comment on the conditions of encountered during inspection. The items inspected and the current conditions of these features at Ryan Airfield Landfill are summarized as follows:

Perimeter Security Fence and Gates

The security fence and gates at Ryan Airfield perimeter are in good condition. Although there is no fence around the landfill itself, access to the landfill is controlled by Ryan Airfield staff and security is excellent.

Inspection Roads

There are no roadway on the landfill itself. Access roads throughout the airfield to the general landfill area are in good condition.

Stormwater Controls

No stormwater controls are located on the landfill.

Stormwater Retention Basins

No Stormwater retention basins are located on the landfill.

Landfill Earthen Cap

The earthen cap is in good condition.

Landfill Gas Extraction System Wellfield

There is no landfill gas extraction system at the landfill.

Gas Extraction System Compound

There is no landfill gas extraction system at the landfill.

Landfill Gas Monitoring Wells

Landfill gas monitoring wells appear to be in good condition.

Groundwater Monitoring Wells

The groundwater monitoring wells located near the landfill appear to be in good condition.

Remediation Equipment

None.

Illegal Dumping

No Illegal dumping was observed on the landfill.

Neighboring Land Uses

There have been no changes in land use of neighboring properties since the last inspection.

RECOMMENDED CORRECTIVE ACTION

No corrective actions are recommended at this time.

Should you have any questions or require additional information, please contact me at 520-321-4625 (office) or 520-488-9205 (cell).

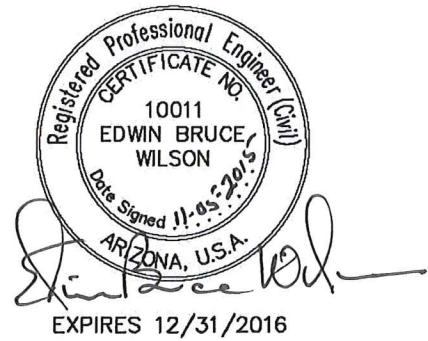
Sincerely,



Chad Hancock
Field Services Manager, Environmental Services

Attachments:


- 1: Landfill Inspection Table
- 2: Site Photographs



ATTACHMENT 1

LANDFILL INSPECTION TABLE

**CITY OF TUCSON ENVIRONMENTAL SERVICES
ANNUAL CLOSED LANDFILL INSPECTION REPORT
RYAN AIRFIELD LANDFILL**

INSPECTION ITEM	DISCREPANCY	CORRECTIVE ACTION
Perimeter Security Fence and Gate (holes, structure issues)	None	
Inspection Roads (washouts, obstructions, potholes)	None	
Storm Water Controls (berms, let downs, spillways)	None	
Storm Water Retention Basins (washouts, excessive silt in, holding water)	None	
Landfill Earthen Cap (washouts, trash showing, debris and trash)	None	
Landfill Gas Extraction System Wellfield (piping, wells, vaults, washouts)	N/A	
Landfill Gas Extraction System Compound (fencing, blower equipment, flare, carbon canisters)	N/A	
Landfill Gas Monitoring Wells (including bollards, vaults, locks)	None	
Groundwater Monitoring Wells (including bollards, vaults, locks)	None	
Remediation Equipment (compound fence, erosions, leaks)	N/A	
Illegal Dumping (including overgrown vegetation, homeless camps, vectors)	None	
Neighboring Land Uses (changing adjacent land uses that will or currently are impacting the landfill site)	None	
INSPECTOR SIGNATURE 	DATE 9/30/15	

ATTACHMENT 2

SITE PHOTOGRAPHS



Photo 1: Ryan Airfield Landfill earthen cap, view to the SW



Photo 2: Ryan Airfield Landfill earthen cap, view to the NE