



November 3, 2015

Mr. Arturo Burgos
Mr. Tom Ryan
City of Tucson, Environmental Services
P.O. Box 27210
Tucson, Arizona 85726-7210

Re: Annual Closed Landfill Inspection – Congress and Nearmont Landfills

INTRODUCTION

On September 30, 2015, Engineering and Environmental Consultants, Inc. (EEC) performed the annual field inspection at the closed Congress and Nearmont Landfills. Congress and Nearmont Landfills are adjacent landfills that were operated by the City of Tucson as Municipal Solid Waste facilities from 1953 through 1967. The properties are currently undeveloped.

Annual inspections are required at City of Tucson owned non-regulated closed landfills in accordance with the guidance document entitled "COT Closed Landfills 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 Congress and Nearmont Landfills 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 and provides space to comment on the conditions encountered during the inspection. The items inspected and the current conditions of these features at Congress and Nearmont Landfills are summarized as follows:

Perimeter Security Fence and Gates

The majority of the perimeter of the landfills is unfenced. A fence along the northwest boundary of Nearmont Landfill is in disrepair (Photo 1).

Inspection Roads

The inspection roads on the property are generally in good condition.

Stormwater Controls

Rill erosion was observed at the east edge of Congress landfill adjacent to the Cushing Street Bridge over the Santa Cruz River (Photo 2).

Stormwater Retention Basins

No stormwater retention basins are located on the landfill.

Landfill Earthen Cap

The landfill cap is generally in good condition but areas of stormwater ponding were observed on Congress Landfill (Photo 3).

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

The landfill gas monitoring wells on the property appear to be in good condition.

Groundwater Monitoring Wells

The groundwater wells at the property appear to be in good condition but have been tagged with graffiti (Photo 4).

Remediation Equipment

None.

Illegal Dumping

Miscellaneous surface debris and dead vegetation was observed in various location during the inspection. (Photos 5, 6, 7, 8).

Neighboring Land Uses

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

RECOMMENDED CORRECTIVE ACTIONS

- Monitor rill erosion at the east edge of Congress landfill adjacent to the Cushing Street Bridge for possible future repair.
- Monitor areas of standing water on Congress Landfill for possible future repair.
- Repaint groundwater monitoring well boxes to cover graffiti.
- Remove misc. trash and surface debris that has been dumped on site.

No other 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
CONGRESS AND NEARMONT LANDFILL**

INSPECTION ITEM	DISCREPANCY	CORRECTIVE ACTION
Perimeter Security Fence and Gate (holes, structure issues)	No public access control, fence along Melwood Ave. at NW corner of Nearmont is in disrepair	None
Inspection Roads (washouts, obstructions, potholes)	None	
Storm Water Controls (berms, let downs, spillways)	Erosion rilling on east slope of Congress LF near Cushing Street Bridge	Monitor for possible future repair
Storm Water Retention Basins (washouts, excessive silt in, holding water)	None	
Landfill Earthen Cap (washouts, trash showing, debris and trash)	Ponding water observed in central area of Congress Landfill	Monitor for possible future repair
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)	Misc. surface debris in various locations	Clean up at the discretion of COT-ES
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: Fencing on northwest boundary of Nearthmont LF



Photo 2: Erosion rilling on east slope of Congress LF near the Cushing Street Bridge



Photo 3: Ponding water on Congress Landfill



Photo 4: Graffiti on groundwater monitoring well



Photo 5: Miscellaneous debris dumped on landfills



Photo 6: Surface debris on landfills



Photo 7: Debris/Trash dumped on landfills



Photo 8: : Debris/Trash dumped on landfills