



MEMORANDUM

DATE: April 30, 2013

TO: Harrison Landfill Post-closure File

FROM: Jeff Drumm, P.E.
Environmental Manager
Environmental Services

EXPIRES 6/2013

**SUBJECT: Harrison Landfill
Semi-Annual Post-Closure Care Inspection
Final Cover and Stormwater Management System**

The final cover and stormwater management system for Harrison Landfill was inspected on this date as part of the semi-annual post-closure plan monitoring requirements. Harrison Landfill closure was completed on October 30, 1998. This is the 24th post-closure inspection. Since the previous inspection in October 2012, the area has experienced no significant rainfall events. The work continues on the Harrison Greenway multi-purpose path along the east side of the landfill. There have been normal Operation and Maintenance visits for flare inspections and groundwater and landfill gas monitoring.

April 2013 Inspection

There are no significant indications of subsidence and no exposed barrier layer. No leachate seeps are evident. Minimal sedimentation has been deposited in each of the retention basins. Stormwater flow paths in drainage systems appear adequate and no obstructions to flow, excessive erosion, or out of channel flow are detected. No disturbance of the infiltration layer is observed. The landfill cover, vegetation, stormwater channels, retention basins and access roads, wellheads, and piping infrastructure are all in good repair and stable.

There is an active BMX track at the southwest corner of the landfill and there is a fence to isolate it from the rest of the landfill. The location includes the track, trailer, playground, parking lot and access road. The location is not on the waste footprint. The condition of the roadways, fence, and access gates on the BMX site are satisfactory. The Pima County Harrison Greenway project which includes a multi-use path along the east crest road of Harrison Landfill was approved by ADEQ Solid Waste on July 13, 2012. The project began in January 2013. The work continues along the path. The entrance to the facility has been moved to the southeast corner of the landfill as part of the project. There is a final punch list inspection with Pima County, City of Tucson, and the contractor on May 9, 2013 to close out the project.

The landfill gas control system, flare and security fencing are in satisfactory condition. The soil vapor injection/extraction system was reinstalled in January 2006 and is now operated on an as needed basis to address rebound issues in the vadose zone below the landfill. The SVE system and security fencing are in satisfactory condition. The groundwater treatment compound located off waste in the northwest corner of the property is operating and the equipment and security fencing are in satisfactory condition.

cc: Nancy Petersen
Harrison File