



Janice K. Brewer
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

1110 West Washington Street • Phoenix, Arizona 85007
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Henry R. Darwin
Director

*File: Irvington
copy to:
Michael
Molly
Nancy*

March 27, 2014
PRU 14-108

Ms. Nancy Petersen, Deputy Director
City of Tucson Environmental Services
4004 S. Park Ave.
P.O. Box 27210
Tucson, AZ 85726-7210

**RE: Irvington Landfill, Aquifer Protection Permit (APP) No. 50044800.00
2013 Annual Report for Groundwater and Methane Monitoring, Landfill Inspections**

Dear Ms. Petersen:

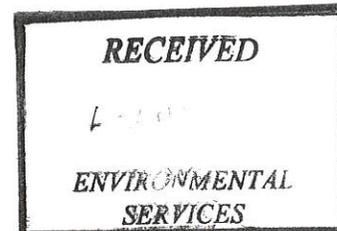
The Arizona Department of Environmental Quality (ADEQ) has received and reviewed the *Irvington Landfill, Tucson, AZ, Annual Report for January – December 2013*, dated March 4, 2014. Based on the review, the annual report is complete and demonstrates compliance with APP No. 50044800.00. *ADEQ commends the City of Tucson on the level of detail (precipitation data, repair details, etc.) provided in the quarterly landfill inspection reports.* No groundwater or methane exceedances were observed. As documented in the report, ADEQ acknowledges the landfill condition, including cap integrity, drainage systems, vegetation, and security are in satisfactory condition, except for erosion on the southern access road.

Also documented in the report, no volatile organic compounds (VOCs) were detected in the groundwater above the laboratory method reportable detection levels since 1988 and after three consecutive years of postclosure care, VOCs results were below laboratory detection limits. Therefore, pursuant to APP No. 50044800.00, Section 2.5.3(1), ADEQ approves the decrease in the frequency of post-closure groundwater monitoring from annual to biannual. The next monitoring and reporting event was scheduled for February 2014 and future events should occur on even numbered years (2016, 2018, et.). Although not required by the APP, ADEQ acknowledges a reduced soil vapor monitoring frequency from triennially to quadrennial (every 4 years--*next event scheduled for February 2014*). This event should synchronize with every other groundwater monitoring event.

The report has been reviewed and is complete in accordance with permit requirements and will be placed in the Irvington Landfill facility file. If you have any questions regarding this letter, please contact Maria Sachs, of my staff, at (602) 771-4670 or toll-free at (800) 234-5677, ext. 771-4670.

Sincerely,

Mike Prigge, P.E., Manager
Solid Waste Plan Review Unit



cc: facility file

Southern Regional Office
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