

US EPA ARCHIVE DOCUMENT



Romic Environmental Technologies Corporation - Southwest

U.S. ENVIRONMENTAL PROTECTION AGENCY • REGION 9 • SAN FRANCISCO, CA • JUNE 2004

Current Activities and Proposed Expansion

The Romic facility is located on the Gila River Indian Reservation at 6760 West Allison Road, in the Lone Butte Industrial Park just southwest of Chandler, AZ.



Romic currently operates as a hazardous waste storage and treatment facility that is primarily engaged in recycling of solvents. The Environmental Protection Agency (EPA) seeks comments from the public on Romic's final permit application to continue to store and treat hazardous waste and to expand its operations.

Current Hazardous Waste Management Units at Romic

Aerosol Can Unit that recycles aerosol cans by puncturing the can, draining and collecting the liquid for recycling or disposal, and crushing the cans for recycling as scrap metal.

Air Emission Reduction System that is connected to all of Romic's hazardous waste storage tanks and solvent recycling units. This system captures the volatile organic vapors, then cools and condenses them into a liquid. The liquid is then returned to one of the recycling units.

□ Romic does not dispose of any waste on-site. All waste is either recycled on-site or shipped and disposed of off the Gila River Indian Reservation.



Other Current Hazardous Waste Management Activities

Romic stores hazardous waste in:

□ Fifty-five gallon drums and other five to 350 gallon containers of hazardous waste within **Building 1** (see figure on back). Romic may store up to 121,440 gallons of hazardous waste in this warehouse (about 2,208 drums of hazardous waste). The building has a concrete floor that slopes toward a collection point for any spills.

□ Thirteen above-ground hazardous waste **storage tanks** of various sizes. The total capacity of these tanks is approximately 93,800 gallons. Each of these storage tanks is located within a concrete basin and covered under a roof.

□ **Roll-off bins** located on a concrete pad adjacent to the rail spur. The number of bins used for storage in this area is typically about four bins, although this number can vary. Each bin is approximately forty cubic yards.

□ Three **rail cars** on the rail spur. The area beneath and adjacent to the rail spur is made of concrete and has catch basins to collect any spilled material.

Romic recycles hazardous waste (mostly solvents and antifreeze) in:

□ Three separate **recycling units**. Each of these units works by a process called *distillation*. Distillation consists of heating the wastes to evaporate and purify the desired chemical. The chemical is then captured and condensed back into a liquid so that it may be sold as a product to customers.

CONTACT EPA:

If you have questions about **Romic** please contact:

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Current Activities & Proposed Expansion at Romic

Proposed Changes and Expansion at Romic

Building 2: Use existing warehouse to store hazardous waste as well as non-hazardous waste. Currently, this warehouse is used to store only non-hazardous waste.

Tank Storage: Add seventeen new above-ground tanks with a total capacity of approximately 112,700 gallons for hazardous waste storage.

New Acid/Base Neutralization Unit: Two above-ground tanks that will be used to neutralize acids or bases. These wastes will then be either recycled, further treated in the wastewater treatment unit, or disposed of off-site.

New Fuel Blending Unit: Three above-ground tanks that are used to blend wastes that have a high energy value (such as solvents). The blended mixture is then sent off-site to be burned as a fuel.

New Distillation Unit: Will be used to recycle solvents. The recycled solvents will be sold as commercial product.

New Wastewater Treatment Unit: A series of above-ground tanks and filter presses that will be used to treat wastewaters. The treatment will reduce metals into a sludge that will be disposed off-site. The treated wastewater will be discharged to the sanitary sewer under a Clean Water Act permit issued by the Water Quality Department of the City of Chandler Municipal Utilities.

□ □ These new units will allow Romic to recycle more of the waste it currently receives on-site. The proposed expansion will not increase the total length of time that waste may be stored on-site. In addition, all of the proposed new units at Romic will be located on the existing property within existing buildings or containment areas.

