# SECTION

# A

## PART A DISCUSSION

Siemens Water Technologies Corp.
2523 Mutahar Street
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Revision 0
February 2007

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**Appendix**

# A.1 INTRODUCTION

Siemens Water Technologies Corp. (SWT) (formerly known as Westates Carbon – Arizona, Inc. (WCAI)) receives spent (used) activated carbon from its customers. These spent carbons arrive at the Parker facility in a variety of containers, including: barrels, drums, portable tanks, bulk-bags, and bulk truck units. Received spent carbons are thermally reactivated in a furnace. Reactivated carbons are shipped for recycling and/or reuse. This reactivation process is sketched in a Schematic Process Flow Diagram (included in Appendix I). Incidental to the reactivation process is the management of container storage (S01), spent carbon storage tanks (S02), reactivation and reactivation off-gas treatment (X03), and the non-hazardous slurry transfer (recycle water) system, wastewater treatment system, rainwater collection system, and reactivated carbon product storage and shipping.

The November 1995 RCRA Part B permit application discussed an existing carbon reactivation furnace (RF-1) and a future second carbon reactivation furnace (RF-2) that was expected to be installed at the facility. Currently, the second carbon reactivation furnace is operational and the old carbon reactivation furnace is shut down and undergoing RCRA closure. The RCRA Part A and Part B Permit Applications will only discuss the second carbon reactivation furnace that will continue to be abbreviated in the permit applications as RF-2.

An amended RCRA Part A Permit Application is being submitted along with an amended RCRA Part B Permit Application. The application is being submitted to reflect the current facility operation. The amended Part A application is included in Appendix I.

Photographs of the facility clearly delineating all existing treatment, storage, and disposal areas are included with the amended Part A. A scale drawing of the facility is also included showing the location of all current treatment, storage, and disposal areas.

Appendix I also includes a topographic map, property layout drawing, equipment location drawing, and schematic process flow diagram. These figures depict the facility and each of its intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, as well as surrounding land use and water bodies.

There are no injection wells associated with this facility, nor are there any springs, drinking water wells, or surface water bodies within one-quarter mile of the facility.