

APPENDIX XII

INSPECTION SCHEDULE AND CHECKLISTS

FOR

SIEMENS WATER TECHNOLOGIES CORP.

PARKER REACTIVATION FACILITY

PARKER, ARIZONA

Revision 0
February 2007

Siemens Water Technologies Corp.

DAILY RCRA INSPECTION CHECKLIST

40 CFR 264.15

CONTAINER STORAGE AREA 264.195

Acceptable Unacceptable

Notes

RCRA containers closed during storage			
RCRA containers have required labels			
RCRA containers free of leaks			
Storage pad - free of cracks and gaps			
that would prevent a spill from being contained			
Sump free of contamination			
Containers in compliance with Subpart CC			

UNLOADING PAD

Structurally sound and free of spills			
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STORAGE TANK SYSTEMS/ANCILLIARY EQUIPMENT (SEE GUIDANCE DOCUMENT FOR SPECIFIC DETAILS ON ANCILLARY EQUIPMENT)

T-1 Valves/Leaks/Piping Outside Secondary Containment			
T-1 Tank Corrosion/Leaking			
T-1 Waste Feed Cutoff - Proper Operation			
T-2 Valves/Leaks/Piping Outside Secondary Containment			
T-2 Tank Corrosion/Leaking			
T-2 Waste Feed Cutoff - Proper Operation			
T-5 Valves/Leaks/Piping Outside Secondary Containment			
T-5 Tank Corrosion/Leaking			
T-5 Waste Feed Cutoff - Proper Operation			
T-6 Valves/Leaks/Piping Outside Secondary Containment			
T-6 Tank Corrosion/Leaking			
T-6 Waste Feed Cutoff - Proper Operation			
T-18 Valves/Leaks/Piping			
T-18 Tank Corrosion/Leaking			
T-18 Waste Feed Cutoff - Proper Operation			
T-18 Internal Tank Integrity/Internal Tank Free of Leaks			

THERMAL TREATMENT SYSTEM 264.347

Acceptable Unacceptable

Notes

Siemens Water Technologies Corp.

DAILY RCRA INSPECTION CHECKLIST

40 CFR 264.15

RF-2 Associated Equipment - Dewater Screw Corrosion			
RF-2 Associated Equipment - Weigh Belt Corrosion			
RF-2 Furnace			
CEMS Operation - Calibration - Proper Working Order			
Alarms - Proper Working Order			
Afterburner			
Quench/Venturi			
Packed Bed Scrubber			
Wet Electrostatic Precipitator			

SAFETY EQUIPMENT

Telephone - Proper Working Order			
Lighting			
SCBA's/Escape Pack - Filled Properly			
Afterburner			
Quench/Venturi			
Packed Bed Scrubber			
Wet Electrostatic Precipitator			

Date: _____

Inspector: _____

Siemens Water Technologies Corp.

WEEKLY RCRA INSPECTION CHECKLIST

40 CFR 264.15

CONTAINER STORAGE AREA 264.174

Acceptable Unacceptable

Notes

RCRA containers closed during storage			
RCRA containers have required labels			
RCRA containers free of leaks			
Storage pad - free of cracks and gaps			

that would prevent a spill from being contained

UNLOADING PAD 264.175

Free of cracks/gaps and spills			
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TRANSFER EQUIPMENT 264.175

Hopper H-1 - Leaks/Corrosion			
Hopper H-2 - Leaks/Corrosion			
Sump Clean			

FUEL STORAGE

Propane Tank - Proper Working Order			
Gas/Diesel Storage - Proper Storage			
Flammable Cabinet - Grounded/Vents			

SECURITY FENCE

Security Fence - No Breaks/Holes			
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DUST COLLECTION SYSTEM

Hopper Dust Collector - Bag Condition/Pressure Drop			
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Date: _____

Inspector: _____

Siemens Water Technologies Corp.
MONTHLY RCRA INSPECTION CHECKLIST

40 CFR 264.15

SAFETY EQUIPMENT	Acceptable	Unacceptable	Notes
Eyewash/Shower - Pressure/Sanitation/Walkways Open			
Respirators - Proper Inventory/Inspection			
Spill Control Equipment - Inventory			
Paging System - Proper Working Order			
Fire Extinguishers - Pressure Check			
Emergency Lighting - Proper Operation			
Fire Protection System - Alarms/Proper Water Pressure			

WASTE FEED CUT-OFF TEST

Furnace Feed Rate			
Hearth 5 (High/Low)			
Minimum Afterburner Temperature			
Minimum Venturi/Quench Total Flow			
Minimum Venturi Pressure Drop			
Minimumj Packed Bed pH			
Minimum WESP Secondary Voltage			
Maximum Stack Flow			
Maximum CO Correct to 7% Oxygen			
Maximum Chlorine Feed Rate (12-Hr)			
Maximum Mercury Feed Rate (12-Hr)			
Maximum Semivolatile Feed Rate (Cd+Pb) (12-Hr)			
Maximum Volatile Feed Rate (As + Be + Cr) (12-Hr)			

Date: _____

Inspector: _____