Table 5-3
Monitoring Parameters, Constituents of Concern, and Water Quality Parameters

Analytes	Metal Cleaning Waste Ponds # 1, 2, and 3	Background Well
	Wells: W-1-R, W-2-R, W-3-R, W-10, W-12, W-13, W-14-R, C-1-A and C-1-B	Well: W-11
Arsenic	MP	MP
Barium	COC	COC
Cadmium	COC	COC
Calcium	WQ	WQ
Chromium, Total	MP	MP
Chromium, Hexavalent	MP	MP
Cobalt	COC	COC
Copper	MP	MP
Iron	MP	MP
Lead	COC	COC
Magnesium	MP	MP
Mercury	COC	COC
Molybdenum	COC	COC
Nickel	MP	MP
Potassium	MP	MP
Sodium	MP	MP
Vanadium	MP	MP
Zinc	MP	MP
Ammonia/Ammonium	MP	MP
Bromide	MP	MP
Carbonate/Bicarbonate	WQ	WQ
Chloride	WQ	WQ
Fluoride	MP	MP
Hydrazine	MP	MP
Sulfate	MP	MP

Legend:
MP = Monitoring Parameters = Quarterly sampling and statistical analysis
COC = Constituent of Concern = annual sampling in July and statistical analysis
WQ = Water Quality Parameter = Quarterly sampling but no statistical analysis (Started quarterly sampling 2nd quarter 2000)

RCRA Part B Permit, for Surface Impoundments

DECISION MATRIX FOR RESPONSE ACTION PLAN

SECONDARY (OR MIDDLE LEACHATE DETECTION, COLLECTION & REMOVAL SYSTEM)	PRIMARY (OR UPPERMOST) LEACHATE DETECTION, COLLECTION & REMOVAL SYSTEM			
	de minimus (**less** than or **equal** to 0.25 gallon/day)	**greater** than 0.25 gallon/day and **less** than or **equal** to 10 gallons/day	**greater** than 10 gallons/day and **less** than or **equal** to 30 gallons/day	**greater** than 30 gallons/day or **greater** than 10 gallons/shift for two consecutive shifts
de minimus (**less** than **or equal** to 0.25 gallons/day)	1A	1A	2A	2A
greater than 0.25 gallons/day and **less** than **or equal** to 10 gallons/day	?/1B	1B	2B	2B
greater than 10 gallons/day	?/2B	2B	2B	2B OR 3*

Notes:

* Facility shall immediately notify agencies of this condition, providing agencies with evaluation of whether "dynamic failure" (i.e., a major failure with potential for immediate and significant release to ground water or surface water) has occurred and whether Emergency Response should be implemented.

? Facility shall immediately notify the agencies of this condition and shall provide in writing a rational explanation of how/why this unusual condition exists. Facility shall provide in writing an evaluation of the potential for unauthorized discharge from the unit. Agencies may require further action upon receipt of the explanation and evaluation.

RESPONSE ACTION PLAN (RAP) CONDITIONS

1A	1B	2A	2B	3 (Emergency Response)
Continue pH neutralization, precipitation and sedimentation treatment processes in leaking pond.	Continue pH neutralization, precipitation and sedimentation treatment processes in leaking pond.	Transfer contents of leaking pond to a non-leaking pond (if possible). Expedite pH neutralization, precipitation and sedimentation treatment processes.	Transfer contents of leaking pond to a non-leaking pond (if possible). Expedite pH neutralization, precipitation and sedimentation treatment processes.	Immediately transfer pond contents out of leaking pond. If sufficient storage capacity is not available at existing facility or if other reasons do not allow for transfer to a non-leaking pond, immediately arrange for additional storage capacity (for example, Baker Tanks may be used).
Discharge supernatant from leaking pond as usual, following treatment processes, in compliance with NPDES Permit.	Discharge supernatant from leaking pond as usual, following treatment processes, in compliance with NPDES Permit.	Discharge supernatant from leaking pond as usual, following treatment processes, in compliance with NPDES Permit.	Discharge supernatant from leaking pond as usual, following treatment processes, in compliance with NPDES Permit.	Discharge supernatant from alternate storage system as usual, following treatment processes, in compliance with NPDES Permit.
Inspect and repair primary liner at next annual inspection.	Repair all liner systems at next annual inspection.	Remove leaking pond from active service. Inspect and repair primary liner.	Remove leaking pond from active service. Repair all liner systems.	Remove leaking pond from active service. Repair all liner systems.
Prove Performanace Standard of no leakage thru all liners using flood test of primary liner before putting pond into operation.	Prove Performance Standard of no leakage thru all liners using flood test of primary liner before putting pond into operation.	Prove Performance Standard of no leakage thru all liners using flood test of primary liner before putting pond into operation.	Prove Performance Standard of no leakage thru all liners using flood test of primary liner before putting pond into operation.	Prove Performance Standard of no leakage thru all liners using flood test of primary liner before putting pond into operation.