

Table B-33. Site Investigations and Monitoring at Waste Management Facilities in the P-Area Geographic Grouping<sup>a</sup>

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Facility	RCRA monitoring well <sup>b</sup>	Site investigations <sup>c</sup>	Monitoring results
<b>HAZARDOUS WASTE SITES</b>			
P-Area burning/rubble pit (131-P)	PRP 1A PRP 2 PRP 3 PRP 4	Wells monitored quarterly for RCRA and SCHWMM parameters. Waste site sediment characterization to be performed.	Statistical analysis of monitoring data indicates the following to be present: <ul style="list-style-type: none"> <li>● pH</li> <li>● Barium</li> <li>● Lead</li> <li>● Conductivity</li> <li>● Magnesium</li> <li>● Sodium</li> <li>● Total organic carbon</li> <li>● Total organic halogen</li> </ul>
P-Area acid/caustic basin (904-78G)	PAC 1 PAC 2 PAC 3 PAC 4	Wells monitored quarterly for RCRA and SCHWMM parameters. Waste site characterization program completed third quarter of 1985.	Statistical analysis of groundwater monitoring data indicates the following are present: <ul style="list-style-type: none"> <li>● pH</li> <li>● Conductivity</li> <li>● Sodium</li> <li>● Zinc</li> <li>● Sulfate</li> <li>● Total dissolved solids</li> <li>● Chloride</li> </ul> Sediment samples showed metals and other inorganics to be present.
<b>LOW-LEVEL WASTE SITES</b>			
P-Area Bingham pump outage pit (643-4G)	None	No monitoring wells exist at outage pits, and records yield no evidence of core-sampling activity there. Radioactivity in vegetation measured in 1970.	Vegetation growing above outage pits shows elevated but low levels of activity.

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<sup>a</sup>Sources: Huber, Johnson, and Marine, 1987; Ward, Johnson, and Marine, 1987; Pekkala, Jewell, Holmes, and Marine, 1987a, b.

<sup>b</sup>The monitoring hydrogeologic unit for these wells is the Barnwell.

<sup>c</sup>See page B-1.

<sup>d</sup>Non-RCRA wells.

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