

Table B-30. Site Investigations and Monitoring at Waste Management Facilities in the K-Area Geographic Grouping<sup>a</sup>

Facility	RCRA monitoring well <sup>b</sup>	Site investigations <sup>c</sup>	Monitoring results
HAZARDOUS WASTE SITES			
K-Area burning/rubble pit (131-K)	KRP 1 KRP 2 KRP 3 KRP 4	Wells monitored quarterly for RCRA and SCHWMMR parameters. Waste site characterization program to be conducted.	Statistical analyses of ground-water monitoring data indicate the following are present: <ul style="list-style-type: none"> <li>• Nickel</li> <li>• Conductivity</li> <li>• Manganese</li> <li>• Sodium</li> <li>• Total organic halogen</li> <li>• Sulfate</li> </ul>
K-Area acid/caustic basin (904-80G)	KAC 1 KAC 2 KAC 3 KAC 4	Wells monitored quarterly for RCRA and SCHWMMR parameters. Waste site characterization program completed third quarter of 1985.	Statistical analysis of ground-water monitoring data indicates the following are present: <ul style="list-style-type: none"> <li>• pH</li> <li>• Conductivity</li> <li>• Chloride</li> <li>• Sulfate</li> <li>• Sodium</li> <li>• Total organic halogen</li> </ul> Sediment samples showed the presence of metals and other inorganics.
LOW-LEVEL WASTE SITES			
K-Area Bingham Pump outage pit (643-1G)	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 little elevation in activity levels above background.

Footnotes on last page of table.

Table B-30. Site Investigations and Monitoring at Waste Management Facilities in the K-Area Geographic Grouping<sup>a</sup> (continued)

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Facility	RCRA monitoring well <sup>b</sup>	Site investigations <sup>c</sup>	Monitoring results
LOW-LEVEL WASTE SITES (continued)			
K-Area seepage basin (904-65G)	KSB 1 <sup>d</sup> KSB 2 <sup>d</sup> KSB 3 <sup>d</sup> KSB 4A <sup>d</sup>	Wells typically monitored for gross alpha, gross nonvolatile beta, and tritium. Analyses of soils beneath reactor-area seepage basin conducted in 1978.	Groundwater monitoring results show little evidence of contamination. Basin soils contain: <ul style="list-style-type: none"> <li>● Cesium-137</li> <li>● Strontium-90</li> <li>● Cobalt-60</li> </ul>

<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 monitored geohydrologic unit for these wells is the Barnwell.

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

<sup>d</sup>Not RCRA monitoring wells.

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