

**Table 4.11. Summary of Y-12 Plant radiological monitoring plan sample requirements**

<b>Outfall No.</b>	<b>Location</b>	<b>Sample frequency</b>	<b>Sample type</b>	<b>Sum of DCG percentage</b>
<i>Y-12 Plant wastewater treatment facilities</i>				
501	Central Pollution Control Facility	1/week	Composite during batch operation	-0.24
502	West End Treatment Facility	1/week	24-hour composite	0.28
503	Steam Plant Wastewater Treatment Facility	1/week	24-hour composite	No flow
512	Groundwater Treatment Facility	1/week	24-hour composite	0.93
402 (520) <sup>a</sup>	Steam Condensate	1/week	Grab	No flow
<i>Other Y-12 Plant point and area source discharges</i>				
142	Isotope Separation Process	1/month	24-hour composite	No flow
301 (S17) <sup>a</sup>	Kerr Hollow Quarry	1/month	24-hour composite	-1.2
302 (S19) <sup>a</sup>	Rogers Quarry	1/month	24-hour composite	-0.059
<i>Y-12 Plant in-stream locations</i>				
304	Bear Creek, Plant Exit (west)	1/week	7-day composite	1.8
Station 17	East Fork Poplar Creek, Plant Exit (east)	1/week	7-day composite	2.4
Station 8	East Fork Poplar Creek, Plant Site	1/week	7-day composite	1.7
200	North/South Pipes	1/week	24-hour composite	1.4
km 11.97	Bear Creek	1/week	Grab	22

<sup>a</sup>Outfall identifications have been changed by the new NPDES permit effective July 1, 1995.