

Table 3.5.2-5 Surface-Water Monitoring Background Results <sup>a</sup>

Location	Parameter	Number of Samples <sup>b</sup>	Units	Minimum <sup>c</sup>	Maximum <sup>c</sup>
RW-10N	Alpha Activity	12 (12)	pCi/L	4U	6U
	<sup>241</sup> Am	2 (2)	pCi/L	0.0758U	0.0902U
	Beta Activity	12 (9)	pCi/L	8U	14
	<sup>237</sup> Np	2 (2)	pCi/L	-0.0845U	0U
	<sup>238</sup> Pu	2 (2)	pCi/L	0.00170U	0.158U
	<sup>239/240</sup> Pu	2 (2)	pCi/L	0U	0.000568U
	<sup>99</sup> Tc	12 (11)	pCi/L	8U	114
	Uranium	12 (10)	µg/L	0.2U	1.9
	<sup>233/234</sup> U	2 (2)	pCi/L	-0.0654U	0.275U
	<sup>235</sup> U	2 (2)	pCi/L	0U	0.000002U
	<sup>236</sup> U	2 (2)	pCi/L	0U	0.0145U
	<sup>238</sup> U	2 (1)	pCi/L	0.0653U	0.201
RW-10S	Alpha Activity	12 (12)	pCi/L	2U	6U
	<sup>241</sup> Am	2 (2)	pCi/L	0.0241U	0.0692U
	Beta Activity	12 (10)	pCi/L	7U	14
	<sup>237</sup> Np	2 (2)	pCi/L	-0.162U	-0.0822U
	<sup>238</sup> Pu	2 (2)	pCi/L	0.00117U	0.0615U
	<sup>239/240</sup> Pu	2 (2)	pCi/L	0.0205U	0.0245U
	<sup>99</sup> Tc	12 (12)	pCi/L	8U	12U
	Uranium	12 (10)	µg/L	0.1U	1.6
	<sup>233/234</sup> U	2 (2)	pCi/L	-0.435U	0.168U
	<sup>235</sup> U	2 (2)	pCi/L	0U	0.0208U
	<sup>236</sup> U	2 (2)	pCi/L	-0.0219U	0.0187U
	<sup>238</sup> U	2 (2)	pCi/L	-0.0986U	-0.0182U
RW-10E	Alpha Activity	12 (12)	pCi/L	4U	6U
	<sup>241</sup> Am	2 (2)	pCi/L	0.0391U	0.0788U
	Beta Activity	12 (11)	pCi/L	7U	13
	<sup>237</sup> Np	2 (2)	µi/L	0U	0.0129U
	<sup>238</sup> Pu	2 (2)	pCi/L	0U	0.0271U
	<sup>239/240</sup> Pu	2 (2)	pCi/L	-0.0462U	0.0696U
	<sup>99</sup> Tc	12 (12)	pCi/L	8U	12U
Uranium	12 (10)	µg/L	0.1U	1.0	