

Table B.2. 2010 Tc-99 Data Used to Create Plume Map

STATION NAME	DATE COLLECTED	X	Y	HORIZON	MIDPOINT ELEVATION	RESULTS	UNITS	RESULT QUALIFIER	DETECT	VALIDATION
MW375	10/28/2010	-2,907.850	5,886.800	URGA	321.73	-8.78	pCi/L	U	ND	
MW370	10/27/2010	-2,957.400	4,589.200	MRGA	296.95	12.6	pCi/L	U	ND	
MW366	10/26/2010	-2,246.100	6,121.180	URGA	308.87	65.0	pCi/L		OK	
MW369	10/26/2010	-2,957.510	4,564.730	URGA	315.52	14.9	pCi/L	U	ND	
MW364	10/25/2010	-2,373.540	6,535.890	LRGA	287.95	46.8	pCi/L		OK	
MW373	10/25/2010	-2,509.920	4,823.140	LRGA	292.72	-0.462	pCi/L	U	ND	
MW363	10/22/2010	-2,392.050	6,521.420	URGA	306.25	37.0	pCi/L		OK	
MW367	10/22/2010	-2,247.090	6,145.280	LRGA	289.37	-3.93	pCi/L	U	ND	
MW372	10/21/2010	-2,486.890	4,817.240	URGA	305.83	60.2	pCi/L		OK	
MW360	10/20/2010	-2,627.140	6,467.640	URGA	315.03	9.41	pCi/L	U	ND	
MW361	10/20/2010	-2,617.480	6,487.360	MRGA	299.46	24.9	pCi/L		OK	
MW357	10/19/2010	-2,829.580	6,451.800	URGA	309.16	52.5	pCi/L		OK	
MW358	10/19/2010	-2,851.930	6,444.380	LRGA	290.12	46.0	pCi/L		OK	
MW223	10/18/2010	-2,725.630	3,719.990	URGA	313.97	19.6	pCi/L		OK	
MW391	10/18/2010	-1,993.300	4,557.920	MRGA	302.19	19.8	pCi/L		OK	
MW387	10/15/2010	-3,073.180	4,188.730	URGA	309.06	122	pCi/L		OK	
MW388	10/15/2010	-3,080.770	4,197.350	MRGA	295.78	8.16	pCi/L	U	ND	
MW397	10/15/2010	-2,509.480	3,138.150	LRGA	295.00	20.4	pCi/L		OK	
MW384	10/13/2010	-3,121.200	3,828.360	URGA	308.07	372	pCi/L		OK	
MW385	10/13/2010	-3,119.460	3,804.810	LRGA	291.98	86.6	pCi/L		OK	
MW220	10/12/2010	-2,822.840	3,279.190	URGA	315.10	17.3	pCi/L	U	ND	
MW222	10/12/2010	-2,563.110	3,659.610	URGA	318.97	-0.165	pCi/L	U	ND	
MW224	10/8/2010	-2,467.330	3,627.710	URGA	315.41	3.30	pCi/L	U	ND	
MW392	10/7/2010	-1,994.300	4,582.370	LRGA	277.53	0.386	pCi/L	U	ND	
MW395	10/6/2010	-1,894.710	3,484.230	MRGA	299.50	11.8	pCi/L	U	ND	
MW394	10/5/2010	-1,895.640	3,460.440	URGA	306.57	5.40	pCi/L	U	ND	
MW221	10/4/2010	-2,784.920	3,863.680	URGA	309.26	-1.16	pCi/L	U	ND	
MW175	9/23/2010	-4,379.100	-1,428.300	MRGA	301.10	275	pCi/L		OK	
MW342	9/23/2010	-4,403.560	-1,289.510	MRGA	296.75	5,330	pCi/L		OK	
MW343	9/22/2010	-4,404.160	-1,083.870	LRGA	294.25	8,860	pCi/L		OK	
MW424-PRT1	9/22/2010	-4,405.680	-1,148.440	URGA	309.00	10,300	pCi/L		OK	
MW421-PRT1	9/21/2010	-4,335.430	-1,084.180	URGA	309.00	1,190	pCi/L		OK	
MW425-PRT1	9/21/2010	-4,407.350	-1,226.180	URGA	309.00	12,700	pCi/L		OK	
MW422-PRT1	9/20/2010	-4,365.740	-1,083.800	URGA	309.00	12,900	pCi/L		OK	
MW423-PRT1	9/20/2010	-4,389.450	-1,084.000	URGA	309.00	16,000	pCi/L		OK	
MW339	9/14/2010	-6,468.500	663.200	LRGA	281.60	1,790	pCi/L		OK	
MW337	9/13/2010	-6,264.771	-811.238	MRGA	302.52	271	pCi/L		OK	
MW338	9/13/2010	-6,204.913	-809.450	MRGA	303.17	7.51	pCi/L	U	ND	
MW340	9/13/2010	-6,165.400	665.500	LRGA	286.54	632	pCi/L		OK	
MW341	9/13/2010	-3,939.160	-1,062.270	MRGA	297.00	213	pCi/L		OK	

Table B.2. 2010 Tc-99 Data Used to Create Plume Map (Continued)

STATION NAME	DATE COLLECTED	X	Y	HORIZON	MIDPOINT ELEVATION	RESULTS	UNITS	RESULT QUALIFIER	DETECT	VALIDATION
MW67	9/13/2010	-6,134.480	-755.360	MRGA	304.40	64.5	pCi/L		OK	
MW86	9/13/2010	-5,945.240	-804.900	LRGA	292.33	-4.93	pCi/L	U	ND	
MW89	9/13/2010	-5,795.140	-804.130	LRGA	289.75	6.34	pCi/L	U	ND	
MW92	9/13/2010	-5,645.000	-805.260	LRGA	287.55	-7.01	pCi/L	U	ND	
MW355	9/9/2010	-4,327.940	761.550	LRGA	287.90	17.9	pCi/L		OK	
MW356	9/9/2010	-1,466.380	863.450	LRGA	259.36	12.6	pCi/L	U	ND	
MW261	9/8/2010	-5,979.201	442.193	LRGA	277.96	2,460	pCi/L		OK	
MW262	9/8/2010	-5,379.800	-292.320	LRGA	278.85	434	pCi/L		OK	
MW333	9/8/2010	-6,210.000	-1,040.000	MRGA	300.95	18.7	pCi/L		OK	
MW414	9/8/2010	-6,531.280	-1,220.850	MRGA	302.71	343	pCi/L		OK	
MW415	9/8/2010	-6,530.800	-1,206.590	LRGA	278.60	32.2	pCi/L		OK	
MW63	9/8/2010	-7,235.740	895.260	URGA	308.90	12.9	pCi/L	U	ND	
MW66	9/8/2010	-6,872.620	978.570	URGA	310.67	320	pCi/L		OK	
MW76	9/8/2010	-5,625.400	-1,059.380	MRGA	299.78	103	pCi/L		OK	
MW95A	9/8/2010	-5,944.190	-1,029.960	LRGA	292.51	2.38	pCi/L	U	ND	
MW203	9/7/2010	-5,014.800	-2,159.200	MRGA	301.45	107	pCi/L		OK	
MW206	9/7/2010	-2,924.500	-1,504.800	URGA	310.36	19.0	pCi/L		OK	
MW226	9/7/2010	-5,740.410	-1,241.060	LRGA	291.57	73.8	pCi/L		OK	
MW227	9/7/2010	-5,769.880	-1,240.600	URGA	306.03	13.6	pCi/L	U	ND	
MW260	9/7/2010	-1,982.183	-786.009	LRGA	285.45	109	pCi/L		OK	
MW416	9/7/2010	-6,559.060	-1,470.470	URGA	305.30	148	pCi/L		OK	
MW417	9/7/2010	-6,559.240	-1,461.400	LRGA	277.81	36.6	pCi/L		OK	
MW161	9/2/2010	-6,916.900	-1,666.700	LRGA	291.16	21.1	pCi/L		OK	
MW163	9/2/2010	-2,041.000	-1,400.800	LRGA	287.27	17.8	pCi/L		OK	
MW165	9/2/2010	-3,135.700	898.300	URGA	312.72	88.7	pCi/L		OK	
MW168	9/2/2010	-4,822.500	-924.800	URGA	309.40	2,080	pCi/L		OK	
MW169	9/2/2010	-5,558.000	-191.400	MRGA	302.89	7.09	pCi/L	U	ND	
MW173	9/2/2010	-5,290.000	1,020.300	URGA	315.93	-10.5	pCi/L	U	ND	
MW205	9/2/2010	-4,360.300	-364.100	URGA	309.72	8.50	pCi/L	U	ND	
MW403-PRT3	8/31/2010	-7,370.000	-1,237.400	LRGA	273.00	-4.73	pCi/L	U	ND	
MW146	8/30/2010	-5,684.180	13,549.150	LRGA	288.35	-2.36	pCi/L	U	ND	
MW148	8/30/2010	3,289.830	5,755.060	MRGA	296.08	2.20	pCi/L	U	ND	
MW354	8/30/2010	-8,428.960	-423.070	MRGA	303.35	3.79	pCi/L	U	ND	
MW409	8/26/2010	4,855.280	3,821.110	LRGA	284.97	3.91	pCi/L	U	ND	
MW410	8/26/2010	5,021.190	5,549.300	LRGA	282.52	9.81	pCi/L	U	ND	
MW418	8/23/2010	-1,833.990	4,418.940	MRGA	300.85	-3.01	pCi/L	U	ND	
MW419	8/23/2010	-1,833.770	4,429.380	LRGA	285.81	1.25	pCi/L	U	ND	
MW134	8/19/2010	-8,335.002	3,568.930	LRGA	275.96	-1.93	pCi/L	U	ND	
MW197	8/19/2010	-6,162.500	2,863.100	URGA	306.04	9.08	pCi/L	U	ND	
MW199	8/19/2010	-10,076.600	10,090.100	LRGA	294.37	-1.82	pCi/L	U	ND	

Table B.2. 2010 Tc-99 Data Used to Create Plume Map (Continued)

STATION NAME	DATE COLLECTED	X	Y	HORIZON	MIDPOINT ELEVATION	RESULTS	UNITS	RESULT QUALIFIER	DETECT	VALIDATION
MW106	8/18/2010	-8,438.900	990.930	MRGA	299.29	13.2	pCi/L	U	ND	
MW125	8/18/2010	-5,662.810	6,139.280	LRGA	289.67	157	pCi/L		OK	
MW135	8/18/2010	-1,520.050	9,137.280	LRGA	287.50	119	pCi/L		OK	
MW194	8/18/2010	-10,177.500	1,865.600	MRGA	304.36	4.20	pCi/L	U	ND	
MW328	8/18/2010	-7,337.476	-1,962.308	MRGA	302.48	6.81	pCi/L	U	ND	
MW329	8/18/2010	-7,347.443	-1,419.371	URGA	305.25	3.83	pCi/L	U	ND	
MW100	8/17/2010	4,817.000	7,167.000	LRGA	289.08	4.16	pCi/L	U	ND	
MW103	8/17/2010	-6,252.140	-3,500.840	MRGA	297.92	-0.0563	pCi/L	U	ND	
MW139	8/17/2010	-576.590	6,189.670	MRGA	298.97	-5.29	pCi/L	U	ND	
MW150	8/17/2010	4,782.260	2,215.000	LRGA	294.44	1.35	pCi/L	U	ND	
MW193	8/17/2010	515.800	3,064.900	URGA	305.74	5.57	pCi/L	U	ND	
MW252	8/17/2010	4,228.397	5,717.894	LRGA	285.44	0.0563	pCi/L	U	ND	
MW253	8/17/2010	3,572.225	3,669.879	LRGA	270.75	-3.26	pCi/L	U	ND	
MW98	8/17/2010	-3,281.310	7,397.460	MRGA	298.00	29.4	pCi/L		OK	
MW152	8/16/2010	-692.640	13,136.670	LRGA	291.61	97.7	pCi/L		OK	
MW191	8/16/2010	2,597.400	600.300	MRGA	299.62	2.42	pCi/L	U	ND	
MW200	8/16/2010	-4,823.900	4,443.300	MRGA	300.61	28.6	pCi/L		OK	
MW201	8/16/2010	-4,884.000	10,167.400	MRGA	299.51	4.23	pCi/L	U	ND	
MW202	8/16/2010	-5,688.000	7,613.200	LRGA	290.53	0.529	pCi/L	U	ND	
MW99	8/16/2010	1,842.460	6,826.710	MRGA	299.51	-3.83	pCi/L	U	ND	
MW288	8/5/2010	1,564.937	679.014	LRGA	285.10	42.0	pCi/L		OK	
MW292	8/5/2010	924.034	33.186	LRGA	281.10	50.7	pCi/L		OK	
MW255	8/2/2010	-1,510.278	-2,230.289	LRGA	287.61	7.72	pCi/L	U	ND	
MW256	8/2/2010	-1,596.766	-1,896.409	LRGA	279.51	77.7	pCi/L		OK	
MW258	8/2/2010	-745.654	-1,643.248	LRGA	289.60	11.0	pCi/L	U	ND	
MW420	7/13/2010	-5,793.530	-1,041.570	MRGA	303.09	19.8	pCi/L		OK	=
MW84	7/13/2010	-5,975.230	-804.200	MRGA	301.50	3.88	pCi/L	U	ND	U
MW87	7/13/2010	-5,825.090	-804.980	MRGA	303.62	8.23	pCi/L	U	ND	U
MW90A	7/13/2010	-5,688.640	-793.680	URGA	305.34	9.03	pCi/L	U	ND	U
MW93	7/13/2010	-5,994.810	-1,028.570	MRGA	299.99	2.34	pCi/L	U	ND	U
MW124	5/11/2010	1,879.150	726.380	LRGA	274.65	14.1	pCi/L	U	ND	X
MW126	5/11/2010	1,881.490	736.670	MRGA	302.57	13.5	pCi/L	U	ND	X
MW283	5/11/2010	599.274	903.257	LRGA	293.04	23.9	pCi/L		OK	X
MW291	5/11/2010	1,699.814	968.887	LRGA	292.59	25.1	pCi/L		OK	X
MW293A	5/11/2010	1,789.750	843.010	MRGA	300.19	18.7	pCi/L		OK	X
MW463	5/11/2010	1,727.630	8,665.230	MRGA	302.86	0.383	pCi/L	U	ND	X
MW464	5/11/2010	1,748.610	8,659.520	LRGA	272.16	8.21	pCi/L	U	ND	X
MW477	5/11/2010	1,856.140	6,850.240	LRGA	286.99	20.2	pCi/L		OK	X
MW478	5/11/2010	-746.110	-1,631.860	MRGA	299.61	-7.99	pCi/L	U	ND	X
MW490	5/11/2010	-4,373.410	8,016.440	LRGA	294.58	141	pCi/L		OK	X

Table B.2. 2010 Tc-99 Data Used to Create Plume Map (Continued)

STATION NAME	DATE COLLECTED	X	Y	HORIZON	MIDPOINT ELEVATION	RESULTS	UNITS	RESULT QUALIFIER	DETECT	VALIDATION
MW493	5/11/2010	-3,201.850	6,953.410	URGA	306.77	30.3	pCi/L		OK	X
MW494	5/11/2010	-3,202.890	6,968.730	MRGA	295.05	11.0	pCi/L	U	ND	X
MW145	5/10/2010	-768.840	383.320	LRGA	288.06	56.0	pCi/L		OK	X
MW433	5/10/2010	-4,526.720	12,219.070	MRGA	303.46	0	pCi/L	U	ND	X
MW435	5/10/2010	-4,526.730	12,205.130	LRGA	278.39	-5.35	pCi/L	U	ND	X
MW439	5/10/2010	-2,679.360	12,575.820	MRGA	296.05	16.6	pCi/L		OK	X
MW440	5/10/2010	-2,688.230	12,564.900	LRGA	288.56	14.5	pCi/L	U	ND	X
MW441	5/10/2010	-2,696.030	12,552.960	LRGA	278.11	21.7	pCi/L		OK	X
MW442	5/10/2010	-2,827.070	11,896.270	LRGA	289.34	18.4	pCi/L		OK	X
MW445	5/10/2010	-2,412.850	11,307.210	MRGA	298.58	34.2	pCi/L		OK	X
MW448	5/10/2010	-3,315.150	11,330.170	MRGA	303.99	17.5	pCi/L	U	ND	X
MW491	5/10/2010	-3,672.080	7,696.300	URGA	305.71	91.2	pCi/L		OK	X
MW492	5/10/2010	-3,671.450	7,712.250	LRGA	290.92	91.1	pCi/L		OK	X
MW233	5/6/2010	-5,530.149	7,300.335	MRGA	295.99	18.4	pCi/L		OK	X
MW236	5/6/2010	-5,087.791	7,919.994	LRGA	294.78	27.7	pCi/L		OK	X
MW381	5/6/2010	-4,892.900	7,745.840	MRGA	298.50	27.3	pCi/L		OK	X
MW481	5/6/2010	-795.700	1,375.110	MRGA	302.79	20.3	pCi/L		OK	X
MW482	5/6/2010	-789.590	1,367.380	LRGA	273.86	26.8	pCi/L		OK	X
MW238	5/5/2010	-5,197.058	7,505.637	MRGA	295.74	-10.8	pCi/L	U	ND	X
MW240	5/5/2010	-5,195.783	7,390.600	MRGA	295.54	0.0563	pCi/L	U	ND	X
MW242	5/5/2010	-7,083.279	1,678.980	MRGA	299.51	143	pCi/L		OK	X
MW244	5/5/2010	-7,589.079	1,467.504	MRGA	296.93	-0.338	pCi/L	U	ND	X
MW245	5/5/2010	-7,397.554	1,119.219	MRGA	299.62	-7.66	pCi/L	U	ND	X
MW380	5/5/2010	-5,190.310	7,205.260	LRGA	293.84	7.28	pCi/L	U	ND	X
MW428	5/5/2010	-8,438.400	-419.300	LRGA	282.27	-6.08	pCi/L	U	ND	X
MW431	5/5/2010	-8,413.940	61.490	LRGA	289.49	1.35	pCi/L	U	ND	X
MW432	5/5/2010	-8,229.440	492.400	MRGA	296.47	-2.82	pCi/L	U	ND	X
MW455	5/5/2010	-7,557.430	1,963.200	MRGA	304.69	11.0	pCi/L	U	ND	X
MW456	5/5/2010	-7,560.770	1,953.780	LRGA	283.20	5.46	pCi/L	U	ND	X
MW461	5/5/2010	-6,187.890	1,981.770	URGA	312.36	32.2	pCi/L		OK	X
MW462	5/5/2010	-6,180.480	1,972.470	LRGA	292.24	220	pCi/L		OK	X
MW479	5/5/2010	-748.190	-585.940	URGA	305.98	-4.67	pCi/L	U	ND	X
MW480	5/5/2010	-747.770	-575.590	LRGA	287.93	3.38	pCi/L	U	ND	X
MW243	5/4/2010	-7,382.027	1,681.403	MRGA	298.01	-6.67	pCi/L	U	ND	X
MW248	5/4/2010	-7,376.716	1,385.422	MRGA	297.70	6.14	pCi/L	U	ND	X
MW250	5/4/2010	-7,431.785	1,396.341	MRGA	299.00	-9.90	pCi/L	U	ND	X
MW426	5/4/2010	-9,398.380	1.910	URGA	308.70	-9.69	pCi/L	U	ND	X
MW427	5/4/2010	-9,390.180	9.540	LRGA	278.22	-2.86	pCi/L	U	ND	X
MW430	5/4/2010	-7,776.050	-464.510	LRGA	285.84	-9.53	pCi/L	U	ND	X
MW457	5/3/2010	-7,063.950	1,992.860	URGA	310.36	-1.11	pCi/L	U	ND	X

Table B.2. 2010 Tc-99 Data Used to Create Plume Map (Continued)

STATION NAME	DATE COLLECTED	X	Y	HORIZON	MIDPOINT ELEVATION	RESULTS	UNITS	RESULT QUALIFIER	DETECT	VALIDATION
MW458	5/3/2010	-7,063.140	1,983.080	LRGA	286.54	36.4	pCi/L		OK	X
MW459	5/3/2010	-6,617.460	1,962.320	URGA	310.74	13.0	pCi/L	U	ND	X
MW460	5/3/2010	-6,616.280	1,944.070	LRGA	284.48	182	pCi/L		OK	X
MW497	4/26/2010	-6,750.840	1,111.650	RGA		5.81	pCi/L	U	ND	
MW498	4/26/2010	-6,767.510	1,106.620	RGA		584	pCi/L		OK	
MW500	3/31/2010	-5,781.610	1,096.350	RGA		1.46	pCi/L	U	ND	
MW503	3/31/2010	-5,360.360	1,089.240	RGA		11.5	pCi/L	U	ND	
MW504	3/31/2010	-5,376.360	1,085.570	RGA		19.6	pCi/L		OK	
MW499	3/30/2010	-5,768.160	1,092.020	RGA		423	pCi/L		OK	
MW501	3/30/2010	-7,938.890	1,980.870	RGA		12.7	pCi/L	U	ND	
MW502	3/30/2010	-7,927.080	1,981.000	RGA		4.40	pCi/L	U	ND	
MW443	1/14/2010	-2,868.410	11,921.600	LRGA	275.41	13.5	pCi/L	U	ND	X
MW444	1/14/2010	-2,847.690	11,909.140	LRGA	261.64	16.9	pCi/L	U	ND	X
MW465	1/14/2010	2,652.880	8,312.100	MRGA	304.58	14.1	pCi/L	U	ND	X
MW466	1/14/2010	2,638.930	8,317.040	MRGA	297.23	-8.09	pCi/L	U	ND	X
MW467	1/14/2010	3,143.530	8,217.520	URGA	305.19	-0.0566	pCi/L	U	ND	X
MW468	1/14/2010	3,157.000	8,214.030	MRGA	296.74	-1.02	pCi/L	U	ND	X
MW471	1/14/2010	4,903.220	7,837.610	MRGA	297.00	67.9	pCi/L		OK	X
MW472	1/14/2010	4,904.890	7,822.450	LRGA	288.19	-11.7	pCi/L	U	ND	X
MW447	1/13/2010	-2,424.290	11,310.490	LRGA	263.06	74.6	pCi/L		OK	X

91% 163.000 Samples May through October
 180.000 Total Samples