ATTACHMENT 1

TABLES

Table 1.5 Hazard indices from chemicals in RGA groundwater – residential use [compiled[a] from information in *Public Health and Ecological Assessment, Phase II* (CH2M Hill 1991a)]

Chemical	Ingestion	Inhalation of Vapors	Chemical Total	% of Total
Onsite Monitoring Wells				
1,1,2-Trichloroethane	0.6	0.9	1.5	5.4
1,1-Dichloroethene	0.1	0.1	0.2	0.8
Carbon tetrachloride	1	1	2	8.5
1,2-Dichloroethene (total)	3	4	7	22.6
Tetrachloroethene	<0.1	<0.1	<0.1	0.2
Trichloroethene	No value	No value	No value	-
1,1,1-Trichloroethane	<0.1	<0.1	<0.1	<0.1
Bromodichloromethane	<0.1	<0.1	<0.1	0.1
Toluene	<0.1	<0.1	<0.1	<0.1
Xylene (total)	<0.1	<0.1	<0.1	<0.1
1,1-Dichloroethane	<0.1	<0.1	<0.1	<0.1
Chloroform	<0.1	<0.1	<0.1	0.3
Carbon disulfide	<0.1	<0.1	<0.1	<0.1
Chloromethane	No value	No value	No value	-
1,2-Dichloroethane	No value	No value	No value	-
Benzene	No value	No value	No value	-
Ethylbenzene	<0.1	<0.1	<0.1	<0.1
Vinyl chloride	No value	No value	No value	-
Phenanthrene	No value	No value	No value	-
Fluoranthene	<0.1	<0.1	<0.1	<0.1
Pyrene	<0.1	<0.1	<0.1	<0.1
Isophorone	<0.1	<0.1	<0.1	<0.1
Benzoic acid	<0.1	<0.1	<0.1	<0.1
Phenol	<0.1	<0.1	<0.1	<0.1
Aluminum	No value	No value	No value	-
Barium	0.2	Not volatile	0.2	0.6
Chromium	0.6	Not volatile	0.6	2.3
Manganese	1	Not volatile	1	3.4
Nickel	0.1	Not volatile	0.1	0.5
Arsenic	1	Not volatile	1	4.2
Cobalt	No value	Not volatile	No value	-
Lead	No value	Not volatile	No value	-
Selenium	No value	Not volatile	No value	-
Vanadium	0.6	Not volatile	0.6	2.0
Zinc	<0.1	Not volatile	<0.1	0.1
Copper	No value	Not volatile	No value	-
Beryllium	<0.1	Not volatile	<0.1	0.2
Antimony	10	Not volatile	10	33.5
Silver	2	Not volatile	2	5.3
Cadmium	2	Not volatile	2	8.3

Chemical	Ingestion	Inhalation of Vapors	Chemical Total	% of Total
Mercury	<0.1	Not volatile	<0.1	0.1
Thallium	0.3	Not volatile	0.3	1.2
Cyanide	<0.1	Not volatile	<0.1	0.1
Pathway Total	21.9	6.5		
% of Total	77.1	22.9	**28.4**	
Residential Wells				
1,2-Dichloroethene (total)	0.1	0.2	0.3	8.4
Trichloroethene	No value	No value	No value	-
Bromodichloromethane	<0.1	<0.1	<0.1	1.4
Chloroform	0.1	0.2	0.3	10.7
Dibromochloromethane	<0.1	<0.1	<0.1	0.1
Carbon tetrachloride	0.3	0.5	0.8	23.6
Tetrachloroethene	<0.1	<0.1	<0.1	0.2
Phenol	<0.1	Not volatile	<0.1	0.1
Aluminum	No value	Not volatile	No value	-
Arsenic	0.2	Not volatile	0.2	7.4
Barium	<0.1	Not volatile	<0.1	1.9
Beryllium	<0.1	Not volatile	<0.1	0.1
Cobalt	No value	Not volatile	No value	-
Chromium	0.2	Not volatile	0.2	7.5
Copper	No value	Not volatile	No value	-
Manganese	<0.1	Not volatile	<0.1	1.2
Nickel	<0.1	Not volatile	<0.1	0.8
Lead	No value	Not volatile	No value	-
Vanadium	<0.1	Not volatile	<0.1	1.0
Zinc	<0.1	Not volatile	<0.1	0.8
Cadmium	<0.1	Not volatile	<0.1	1.2
Cyanide	<0.1	Not volatile	<0.1	0.3
Selenium	No value	Not volatile	No value	-
Thallium	0.3	Not volatile	0.3	8.3
Silver	<0.1	Not volatile	<0.1	0.4
Antimony	0.8	Not volatile	0.8	24.4
Pathway Total	2.43	0.88		
% of Total	73.4	26.6	**3.31**	
Offsite Monitoring Wells				
Trichloroethene	No value	No value	No value	-
1,2-Dichloroethene (total)	<0.1	<0.1	<0.1	4.4
Carbon disulfide	<0.1	<0.1	<0.1	<0.1
Pyrene	<0.1	<0.1	<0.1	0.3
Aluminum	No value	Not volatile	No value	-
Barium	0.1	Not volatile	0.1	4.7
Cobalt	No value	Not volatile	No value	-
Chromium	0.4	Not volatile	0.4	13.7

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Chemical	Ingestion	Inhalation of Vapors	Chemical Total	% of Total
Manganese	0.2	Not volatile	0.2	7.4
Nickel	<0.1	Not volatile	<0.1	3.7
Lead	No value	Not volatile	No value	-
Selenium	No value	Not volatile	No value	-
Vanadium	0.2	Not volatile	0.2	6.3
Zinc	<0.1	Not volatile	<0.1	0.7
Copper	No value	Not volatile	No value	-
Thallium	0.3	Not volatile	0.3	12.2
Beryllium	<0.1	Not volatile	<0.1	0.8
Cadmium	0.5	Not volatile	0.5	20.5
Arsenic	0.3	Not volatile	0.3	11.5
Cyanide	<0.1	Not volatile	<0.1	0.4
Mercury	<0.1	Not volatile	<0.1	0.4
Silver	0.3	Not volatile	0.3	12.7
Pathway Total	2.49	0.08		
% of Total	96.9	3.1	**2.57**	
Offsite TVA				
Trichloroethene	No value	No value	No value	-
1,2-Dichloroethene (total)	<0.1	<0.1	<0.1	0.6
Pyrene	<0.1	<0.1	<0.1	0.1
Aluminum	No value	Not volatile	No value	-
Barium	0.3	Not volatile	0.3	3.3
Cobalt	No value	Not volatile	No value	-
Chromium	0.6	Not volatile	0.6	7.1
Manganese	1	Not volatile	1	14.3
Nickel	0.3	Not volatile	0.3	2.9
Lead	No value	Not volatile	No value	-
Selenium	No value	Not volatile	No value	-
Vanadium	0.4	Not volatile	0.4	4.1
Zinc	<0.1	Not volatile	<0.1	0.5
Copper	No value	Not volatile	No value	-
Beryllium	0.1	Not volatile	0.1	1.1
Cyanide	<0.1	Not volatile	<0.1	0.3
Thallium	0.4	Not volatile	0.4	4.4
Cadmium	0.3	Not volatile	0.3	3.5
Arsenic	3	Not volatile	3	32.2
Silver	0.6	Not volatile	0.6	6.7
Mercury	<0.1	Not volatile	<0.1	0.1
Antimony	2	Not volatile	2	18.8
Pathway Total	8.78	0.04		
% of Total	99.5	0.5	**8.82**	
MW 134				
Trichloroethene	No value	No value	No value	-

Chemical	Ingestion	Inhalation of Vapors	Chemical Total	% of Total
1,2-Dichloroethene (total)	<0.1	<0.1	<0.1	11.9
Barium	<0.1	Not volatile	<0.1	21.2
Cobalt	No value	Not volatile	No value	-
Chromium	<0.1	Not volatile	<0.1	12.0
Manganese	<0.1	Not volatile	<0.1	31.1
Nickel	<0.1	Not volatile	<0.1	1.7
Selenium	No value	Not volatile	No value	-
Vanadium	<0.1	Not volatile	<0.1	3.5
Zinc	<0.1	Not volatile	<0.1	0.5
Beryllium	<0.1	Not volatile	<0.1	1.0
Arsenic	<0.1	Not volatile	<0.1	17.1
Pathway Total	0.27	0.02		
% of Total	93.1	6.9	**0.29**	
MW 144				
Trichloroethene	No value	No value	No value	-
1,2-Dichloroethene (total)	<0.1	<0.1	<0.1	24.1
Barium	<0.1	Not volatile	<0.1	10.2
Cobalt	No value	Not volatile	No value	-
Chromium	<0.1	Not volatile	<0.1	2.3
Manganese	0.1	Not volatile	0.1	19.9
Nickel	<0.1	Not volatile	<0.1	5.3
Selenium	No value	Not volatile	No value	-
Vanadium	<0.1	Not volatile	<0.1	0.8
Zinc	<0.1	Not volatile	<0.1	0.2
Beryllium	<0.1	Not volatile	<0.1	0.2
Arsenic	0.2	Not volatile	0.2	36.9
Pathway Total	0.41	0.07		
% of Total	85.4	14.6	**0.48**	
MW 179				
Trichloroethene	No value	No value	No value	-
1,2-Dichloroethene (total)	<0.1	<0.1	<0.1	6.2
Barium	<0.1	Not volatile	<0.1	3.6
Cobalt	No value	Not volatile	No value	-
Chromium	0.1	Not volatile	<0.1	21.8
Manganese	0.3	Not volatile	0.3	48.9
Nickel	<0.1	Not volatile	<0.1	5.1
Selenium	No value	Not volatile	No value	-
Vanadium	<0.1	Not volatile	<0.1	3.5
Zinc	<0.1	Not volatile	<0.1	1.5
Beryllium	<0.1	Not volatile	<0.1	0.6
Arsenic	<0.1	Not volatile	<0.1	8.9
Pathway Total	0.53	0.02		
% of Total	94.6	5.4	**0.56**	

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Chemical	Ingestion	Inhalation of Vapors	Chemical Total	% of Total
MW 200				
Trichloroethene	No value	No value	No value	-
1,2-Dichloroethene (total)	<0.1	<0.1	<0.1	1.1
Barium	0.3	Not volatile	0.3	9.8
Cobalt	No value	Not volatile	No value	-
Chromium	1	Not volatile	1	47.2
Manganese	0.3	Not volatile	0.3	9.6
Nickel	0.2	Not volatile	0.2	6.1
Selenium	No value	Not volatile	No value	-
Vanadium	0.7	Not volatile	0.7	22.3
Zinc	<0.1	Not volatile	<0.1	1.2
Beryllium	<0.1	Not volatile	<0.1	1.7
Arsenic	<0.1	Not volatile	<0.1	1.0
Pathway Total	3.14	0.02		
% of Total	99.4	0.6	**3.16**	

Notes: No value indicates that a value is not reported in CH2M Hill 1991a.
Not volatile indicates that the chemical or compound will not be emitted as a vapor from groundwater during household use.

[a] All values are as reported in App. H (pages H113 through H-152) of CH2M Hill 1991a except pathway percentages. Pathway percentages were calculated.

Table 1.6 Excess lifetime cancer risk from chemicals in RGA groundwater–residential use [compiled[a] from information in *Human Health Baseline Risk Asessment for the Northwest Plume, Paducah Gaseous Diffusion Plant, Paducah, Kentucky* (DOE 1993a)]

Chemical	Ingestion	Inhalation[b]	Dermal Contact[c]	Vegetables[d]	Beef and Milk[e]	Chemical Total	% of Total
High TCE/^{99}Tc Well Group							
1,2-Dichloroethane	–	–	–	–	–	–	–
cis-1,2-Dichloroethene	NC	NC	NC	NC	NC	NC	NC
2-Butanone	NC	NC	NC	NC	NC	NC	NC
4-Nitrophenol	NC	NC	NC	NC	NC	NC	NC
Bis(2-chloroethyl)ether	8.3×10^{-5}	2.3×10^{-5}	5.0×10^{-7}	1.3×10^{-3}	5.8×10^{-8}	1.4×10^{-3}	52%
Bis(2-ethylhexyl)phthalate	3.3×10^{-7}	NC	3.1×10^{-8}	1.3×10^{-7}	6.3×10^{-8}	5.6×10^{-7}	<1%
Bromodichloromethane	8.7×10^{-6}	NC	1.5×10^{-7}	8.1×10^{-5}	9.1×10^{-9}	9.0×10^{-5}	3%
Carbon tetrachloride	1.2×10^{-5}	5.5×10^{-6}	7.7×10^{-7}	3.9×10^{-5}	3.3×10^{-8}	5.8×10^{-5}	2%
Chloroform	9.7×10^{-7}	4.8×10^{-6}	2.5×10^{-8}	8.0×10^{-6}	1.1×10^{-9}	1.4×10^{-5}	<1%
Di-n-butylphthalate	NC	NC	NC	NC	NC	NC	NC
Dibromochloromethane	9.9×10^{-7}	NDA	NDA	NDA	NDA	9.9×10^{-7}	<1%
Dieldrin	–	–	–	–	–	–	–
Diethylphthalate	NC	NC	NC	NC	NC	NC	NC
Phenol	NC	NC	NC	NC	NC	NC	NC
N-nitrosodiphenylamine	–	NC	–	–	–	–	–
Tetrachloroethene	6.0×10^{-7}	2.7×10^{-7}	8.3×10^{-8}	2.5×10^{-6}	1.3×10^{-9}	3.4×10^{-6}	<1%
Toluene	NC	NC	NC	NC	NC	NC	NC
Trichloroethene	1.9×10^{-4}	1.2×10^{-4}	8.6×10^{-6}	7.7×10^{-4}	4.0×10^{-7}	1.1×10^{-3}	41%
Uranium	NC	NC	NC	NC	NC	NC	NC
Xylene	NC	NC	NC	NC	NC	NC	NC
Techetium-99	2.0×10^{-5}	NC	NC	3.8×10^{-6}	1.1×10^{-5}	3.5×10^{-5}	1%
Uranium-234	5.7×10^{-7}	NC	NC	1.1×10^{-7}	1.4×10^{-9}	6.8×10^{-7}	<1%
Uranium-235	1.7×10^{-8}	NC	NC	3.2×10^{-9}	4.0×10^{-11}	2.0×10^{-8}	<1%
Uranium-238	1.0×10^{-6}	NC	NC	1.9×10^{-7}	1.4×10^{-9}	1.2×10^{-6}	<1%
Pathway Total	3.2×10^{-4}	1.5×10^{-4}	1.0×10^{-5}	2.2×10^{-3}	1.2×10^{-5}		
% of Total	12%	6%	<1%	82%	<1%	**2.7×10^{-3}**	
TCE/^{99}Tc Plume Well Group							
1,2-Dichloroethane	1.1×10^{-6}	9.4×10^{-7}	1.6×10^{-8}	1.7×10^{-5}	7.3×10^{-10}	1.9×10^{-5}	15%
cis-1,2-Dichloroethene	NC	NC	NC	NC	NC	NC	NC
2-Butanone	NC	NC	NC	NC	NC	NC	NC
4-Nitrophenol	NC	NC	NC	NC	NC	NC	NC
Bis(2-chloroethyl)ether	–	–	–	–	–	–	–
Bis(2-ethylhexyl)phthalate	3.1×10^{-6}	NC	2.9×10^{-7}	1.2×10^{-6}	5.9×10^{-7}	5.2×10^{-6}	4%
Bromodichloromethane	–	–	–	–	–	–	–

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[c] Exposure route = dermal exposure to chemicals in groundwater while bathing.
[d] Exposure route = consumption of vegetable irrigated with groundwater.
[e] Exposure route = consumption of meat and milk from cows receiving groundwater to drink.

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Table 1.7 Excess lifetime cancer risk from naturally occurring metals in RGA groundwater–residential use [compiled[a] from information in *Human Health Baseline Risk Asessment for the Northwest Plume, Paducah Gaseous Diffusion Plant, Paducah, Kentucky* (DOE 1993a)]

Chemical	Ingestion	Inhalation[b]	Dermal Contact[c]	Vegetables[d]	Beef and Milk[e]	Chemical Total	% of Total
High TCE/^{99}Tc Well Group							
Arsenic	2.0×10^{-4}	NC	5.7×10^{-7}	6.7×10^{-5}	6.2×10^{-6}	2.7×10^{-4}	100%
Barium	NC	NC	NC	NC	NC	NC	NC
Cadmium	NC	NC	NC	NC	NC	NC	NC
Copper	NC	NC	NC	NC	NC	NC	NC
Cyanide	NC	NC	NC	NC	NC	NC	NC
Lead	NC	NC	NC	NC	NC	NC	NC
Silver	NC	NC	NC	NC	NC	NC	NC
Pathway Total	2.0×10^{-4}	NV	5.7×10^{-7}	6.7×10^{-5}	6.2×10^{-6}		
% of Total	73%	NV	<1%	25%	2%	**2.7×10^{-4}**	
TCE/^{99}Tc Plume Well Group							
Arsenic	1.9×10^{-4}	NC	5.4×10^{-7}	6.3×10^{-5}	5.8×10^{-6}	2.6×10^{-4}	100%
Barium	NC	NC	NC	NC	NC	NC	NC
Cadmium	NC	NC	NC	NC	NC	NC	NC
Copper	NC	NC	NC	NC	NC	NC	NC
Cyanide	NC	NC	NC	NC	NC	NC	NC
Lead	NC	NC	NC	NC	NC	NC	NC
Silver	NC	NC	NC	NC	NC	NC	NC
Pathway Total	1.9×10^{-4}	NV	5.4×10^{-7}	6.3×10^{-5}	5.8×10^{-6}		
% of Total	73%	NV	<1%	24%	2%	**2.6×10^{-4}**	
Outside of Plume Well Group							
Arsenic	2.7×10^{-5}	NC	7.7×10^{-8}	9.0×10^{-6}	8.3×10^{-7}	3.7×10^{-5}	100%
Barium	NC	NC	NC	NC	NC	NC	NC
Cadmium	NC	NC	NC	NC	NC	NC	NC
Copper	NC	NC	NC	NC	NC	NC	NC
Cyanide	NC	NC	NC	NC	NC	NC	NC
Lead	NC	NC	NC	NC	NC	NC	NC
Silver	NC	NC	NC	NC	NC	NC	NC
Pathway Total	2.7×10^{-5}	NV	7.7×10^{-8}	9.0×10^{-6}	8.3×10^{-7}		
% of Total	73%	NV	<1%	24%	2%	**3.7×10^{-5}**	
Reference Well Group							
Arsenic	1.5×10^{-4}	NC	4.3×10^{-7}	5.1×10^{-5}	4.8×10^{-6}	2.1×10^{-4}	100%
Barium	NC	NC	NC	NC	NC	NC	NC
Cadmium	NC	NC	NC	NC	NC	NC	NC

525504

Chemical	Ingestion	Inhalation[b]	Dermal Contact[c]	Vegetables[d]	Beef and Milk[e]	Chemical Total	% of Total
Copper	NC	NC	NC	NC	NC	NC	NC
Cyanide	NC	NC	NC	NC	NC	NC	NC
Lead	NC	NC	NC	NC	NC	NC	NC
Silver	NC	NC	NC	NC	NC	NC	NC
Pathway Total	1.5×10^{-4}	NV	4.3×10^{-7}	5.1×10^{-5}	4.8×10^{-6}		
% of Total	73%	NV	<1%	25%	2%	**2.1×10^{-4}**	

Notes: NC is defined as not "a carcinogen for this pathway" in DOE 1993a.
NV indicates that a value cannot be calculated for the pathway.

[a] All values were taken from information in Table 5.5 of DOE 1993a.

[b] Exposure route = inhalation of volatiles emitted by groundwater during household use.

[c] Exposure route = dermal exposure to chemicals in groundwater while bathing.

[d] Exposure route = consumption of vegetable irrigated with groundwater.

[e] Exposure route = consumption of meat and milk from cows receiving groundwater to drink.

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Table 1.8 Hazard indices for chemicals in RGA groundwater–residential use [compiled[a] from information in *Human Health Baseline Risk Assessment for the Northwest Plume, Paducah Gaseous Diffusion Plant, Paducah, Kentucky* (DOE 1993a)]

Chemical	Ingestion	Inhalation[b]	Dermal Contact[c]	Vegetables[d]	Beef and Milk[e]	Chemical Total	% of Total
High TCE/^{99}Tc Well Group							
1,2-Dichloroethane	NR	NR	NR	NR	NR	NV	NV
cis-1,2-Dichloroethene	<0.01	<0.01	<0.01	0.01	<0.01	0.01	<1%
2-Butanone	–	–	–	–	–	NV	NV
4-Nitrophenol	NR	NR	NR	NR	NR	NV	NV
Bis(2-chloroethyl)ether	NR	NR	NR	NR	NR	NV	NV
Bis(2-ethylhexyl)phthalate	<0.01	NR	<0.01	<0.01	<0.01	<0.01	<1%
Bromodichloromethane	0.02	NR	<0.01	0.15	<0.01	0.17	9%
Carbon tetrachloride	0.31	NR	0.02	1.00	<0.01	1.31	68%
Chloroform	0.03	NR	<0.01	0.30	<0.01	0.34	18%
Di-n-butylphthalate	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1%
Dibromochloromethane	<0.01	NDA	NDA	NDA	NDA	<0.01	<1%
Dieldrin	–	–	–	–	–	NV	NV
Diethylphthalate	–	–	–	–	–	NV	NV
Phenol	<0.01	NR	<0.01	0.01	<0.01	0.01	<1%
N-nitrosodiphenylamine	NR	NR	NR	NR	NR	NV	NV
Tetrachloroethene	<0.01	NR	<0.01	0.01	<0.01	0.01	<1%
Toluene	–	–	–	–	–	NV	NV
Trichloroethene	NR	NR	NR	NR	NR	NV	NV
Uranium	0.06	NR	<0.01	0.02	<0.01	0.08	4%
Xylene	–	–	–	–	–	NV	NV
Pathway Total	0.42	<0.01	0.02	1.50	<0.01		
% of Total	22%	<1%	1%	77%	<1%	**1.94**	
TCE/^{99}Tc Plume Well Group							
1,2-Dichloroethane	NR	NR	NR	NR	NR	NV	NV
cis-1,2-Dichloroethene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1%
2-Butanone	<0.01	<0.01	<0.01	0.30	<0.01	0.30	48%
4-Nitrophenol	NR	NR	NR	NR	NR	NV	NV
Bis(2-chloroethyl)ether	NR	NR	NR	NR	NR	NV	NV
Bis(2-ethylhexyl)phthalate	0.03	NR	<0.01	0.01	<0.01	0.04	6%
Bromodichloromethane	–	–	–	–	–	NV	NV
Carbon tetrachloride	–	–	–	–	–	NV	NV
Chloroform	–	–	–	–	–	NV	NV
Di-n-butylphthalate	<0.01	<0.01	<0.01	<0.01	<0.01	NV	NV
Dibromochloromethane	–	–	–	–	–	NV	NV

528506

Chemical	Ingestion	Inhalation[b]	Dermal Contact[c]	Vegetables[d]	Biota[e]	Chemical Total[f]	% of Total
Chloroform	0.04	NR	<0.01	0.04	0.02	0.08	<1%
cis-1,2-Dichloroethene	0.11	NR	NR	NR	NR	0.11	<1%
Dieldrin	0.05	NR	NR	<0.01	6.75	6.80	42%
Naphthalene	NR	NR	NR	NR	NR	NV	NV
Trichloroethene	NR	NR	NR	NR	NR	NV	NV
Vinyl chloride	NR	NR	NR	NR	NR	NV	NV
Americium-241	NR	NR	NR	NR	NR	NV	NV
Neptunium-237	NR	NR	NR	NR	NR	NV	NV
Technetium-99	NR	NR	NR	NR	NR	NV	NV
Pathway Total	5.83	0.02	0.74	0.42	9.17		
% of Total	36%	<1%	5%	3%	57%	**16.20**	
Outside and West of Plume Well Group							
Aluminum	NR	NR	NR	NR	NR	NV	NV
Nitrate as Nitrogen	0.16	NR	NR	0.04	NR	0.20	71%
Silicon	NR	NR	NR	NR	NR	NV	NV
Bis(2-ethylhexyl)phthalate	0.01	NR	0.01	<0.01	0.06	0.08	29%
Uranium-234	NR	NR	NR	NR	NR	NV	NV
Uranium-238	NR	NR	NR	NR	NR	NV	NV
Pathway Total	0.17	NV	0.01	0.04	0.06		
% of Total	61%	NV	4%	14%	21%	**0.28**	
Near Shawnee Steam Plant Well Group							
Aluminum	NR	NR	NR	NR	NR	NV	NV
Arsenic	1.64	NR	0.01	0.39	1.96	4.00	14%
Barium	0.20	NR	0.01	0.09	0.06	0.36	1%
Manganese	15.00	NR	1.95	0.14	5.82	22.91	82%
Nickel	0.15	NR	<0.01	0.05	0.47	0.67	2%
Sulfate	NR	NR	NR	NR	NR	NV	NV
Bis(2-ethylhexyl)phthalate	0.01	NR	0.01	<0.01	<0.01	0.02	<1%
Carbon disulfide	<0.01	0.02	<0.01	<0.01	<0.01	0.02	<1%
Vinyl chloride	NR	NR	NR	NR	NR	NV	NV
Technetium-99	NR	NR	NR	NR	NR	NV	NV
Pathway Total	17.09	0.02	1.99	0.67	8.31		
% of Total	61%	<1%	7%	2%	30%	**28.08**	
Near Ohio River							
1,1,2-Trichloroethane	0.05	NR	<0.01	0.02	0.05	0.12	100%
Pathway Total	0.05	NV	<0.01	0.02	0.05		
% of Total	42%	NV	<1%	17%	42%	**0.12**	

Notes: Only chemicals identified as chemicals of potential concern under current conditions (COPCs) are shown.

626607

NR indicates that the chemical did not have an RfD for the pathway in DOE 1994c.
NV indicates that a value cannot be calculated.

[a] Some values also taken from information in App. E of DOE 1994c.

[b] Exposure route = inhalation of volatiles emitted by groundwater during household use.

[c] Exposure route = dermal exposure to chemicals in groundwater while bathing and swimming.

[d] Exposure route = consumption of vegetable irrigated with groundwater.

[e] Exposure route = sum of risks from consumption of meat and milk from cows drinking groundwater and eating pasture irrigated with groundwater, consumption of venison from deer drinking groundwater and eating pasture irrigated with groundwater, and consumption of fish raised in ponds filled with groundwater.

[f] Includes risk from ingestion of soil contaminated though irrigation with groundwater.

525509

Table 1.1 Excess lifetime cancer risk from chemicals in RGA groundwater–residential use [compiled[a] from information in Appendix 6C of *Results of the Site Investigation, Phase I, at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky* (CH2M Hill 1991b)]

Chemical	Ingestion	Inhalation of Vapors	Chemical Total	% of Total
Average Exposure Assumptions–Residential Wells				
1,2-Dichloroethene	NA	NR	NV	NV
1,2-Dichloroethane	3.0×10^{-7}	4.6×10^{-7}	7.6×10^{-7}	2%
Aroclor 1260	NA	NR	NV	NV
Benzene	NA	NR	NV	NV
Bis(2-ethylhexyl)phthalate	1.0×10^{-6}	NA	1.0×10^{-6}	2%
Carbon tetrachloride	1.8×10^{-6}	2.7×10^{-6}	4.5×10^{-6}	11%
Chloroform	2.1×10^{-7}	3.1×10^{-7}	5.2×10^{-7}	1%
Tetrachloroethene	1.7×10^{-7}	2.6×10^{-7}	4.3×10^{-7}	1%
Trichloroethene	1.1×10^{-5}	1.6×10^{-5}	2.7×10^{-5}	66%
Arsenic	7.3×10^{-6}	NA	7.3×10^{-6}	18%
Pathway Total	2.2×10^{-5}	1.9×10^{-5}		
% of Total	54%	46%	**4.1×10^{-5}**	
Average Exposure Assumptions–Monitoring Wells				
1,2-Dichloroethene	NA	NR	NV	NV
1,2-Dichloroethane	NA	NR	NV	NV
Aroclor 1260	NA	NR	NV	NV
Benzene	2.2×10^{-7}	3.4×10^{-7}	5.6×10^{-7}	3%
Bis(2-ethylhexyl)phthalate	4.3×10^{-6}	NA	4.3×10^{-6}	24%
Carbon tetrachloride	NA	NR	NV	NV
Chloroform	2.4×10^{-8}	3.5×10^{-8}	5.9×10^{-8}	<1%
Tetrachloroethene	NA	NR	NV	NV
Trichloroethene	3.4×10^{-6}	5.1×10^{-6}	8.5×10^{-6}	47%
Arsenic	4.2×10^{-6}	NA	4.2×10^{-6}	23%
Pathway Total	1.2×10^{-5}	5.5×10^{-6}		
% of Total	67%	31%	**1.8×10^{-5}**	
Average Exposure Assumptions–TVA Wells				
1,2-Dichloroethene	NA	NR	NV	NV
1,2-Dichloroethane	NA	NR	NV	NV
Aroclor 1260	NA	NR	NV	NV
Benzene	NA	NR	NV	NV
Bis(2-ethylhexyl)phthalate	NA	NR	NV	NV
Carbon tetrachloride	NA	NR	NV	NV
Chloroform	NA	NR	NV	NV
Tetrachloroethene	NA	NR	NV	NV
Trichloroethene	4.5×10^{-7}	6.8×10^{-7}	1.1×10^{-6}	2%

525503

Chemical	Ingestion	Inhalation of Vapors	Chemical Total	% of Total
Arsenic	5.4×10^{-5}	NA	5.4×10^{-5}	98%
Pathway Total	5.4×10^{-5}	6.8×10^{-7}		
% of Total	98%	1%	**5.5×10^{-5}**	
Maximum Exposure Assumptions–Residential Wells				
1,2-Dichloroethene	NA	NR	NV	NV
1,2-Dichloroethane	2.2×10^{-6}	3.3×10^{-6}	5.5×10^{-6}	<1%
Aroclor 1260	NA	NR	NV	NV
Benzene	NA	NR	NV	NV
Bis(2-ethylhexyl)phthalate	1.2×10^{-5}	NA	1.2×10^{-5}	2%
Carbon tetrachloride	1.3×10^{-5}	2.0×10^{-5}	3.3×10^{-5}	5%
Chloroform	2.5×10^{-6}	3.8×10^{-6}	6.3×10^{-6}	<1%
Tetrachloroethene	1.2×10^{-6}	1.8×10^{-6}	3.0×10^{-6}	<1%
Trichloroethene	2.2×10^{-4}	3.3×10^{-4}	5.5×10^{-4}	83%
Arsenic	4.6×10^{-5}	NA	4.6×10^{-5}	7%
Pathway Total	3.0×10^{-4}	3.6×10^{-4}		
% of Total	45%	55%	**6.6×10^{-4}**	
Maximum Exposure Assumptions–Monitoring Wells				
1,2-Dichloroethene	NA	NR	NV	NV
1,2-Dichloroethane	NA	NR	NV	NV
Aroclor 1260	NA	NR	NV	NV
Benzene	1.1×10^{-6}	1.7×10^{-6}	2.8×10^{-6}	1%
Bis(2-ethylhexyl)phthalate	5.5×10^{-5}	NA	5.5×10^{-5}	24%
Carbon tetrachloride	NA	NR	NV	NV
Chloroform	1.5×10^{-7}	2.3×10^{-7}	3.8×10^{-7}	<1%
Tetrachloroethene	NA	NR	NV	NV
Trichloroethene	4.6×10^{-5}	9.2×10^{-5}	1.4×10^{-4}	61%
Arsenic	3.5×10^{-5}	NA	3.5×10^{-5}	15%
Pathway Total	1.4×10^{-4}	9.4×10^{-5}		
% of Total	60%	40%	**2.3×10^{-4}**	
Maximum Exposure Assumptions–TVA Wells				
1,2-Dichloroethene	NA	NR	NV	NV
1,2-Dichloroethane	NA	NR	NV	NV
Aroclor 1260	NA	NR	NV	NV
Benzene	NA	NR	NV	NV
Bis(2-ethylhexyl)phthalate	NA	NR	NV	NV
Carbon tetrachloride	NA	NR	NV	NV
Chloroform	NA	NR	NV	NV
Tetrachloroethene	NA	NR	NV	NV
Trichloroethene	1.0×10^{-5}	1.5×10^{-5}	2.5×10^{-5}	3%

526510

Chemical	Ingestion	Inhalation of Vapors	Chemical Total	% of Total
Arsenic	7.0×10^{-4}	NA	7.0×10^{-4}	96%
Pathway Total	7.1×10^{-4}	1.5×10^{-5}		
% of Total	98%	2%	**7.3×10^{-4}**	

Notes: NA is defined as not applicable in CH2M Hill 1991a.
NR indicates that the value is not reported in CH2M Hill 1991a.
NV indicates that a value could not be calculated.

[a] All values were recalculated using information in Appendix 6C because inhalation risk values were not reported in tables found in Appendix 6C.

526511

Table 1.2 Hazard indices from chemicals in RGA groundwater–residential use [compiled[a] from information in Appendix 6C of *Results of the Site Investigation, Phase I, at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky* (CH2M Hill 1991b)]

Chemical	Ingestion	Inhalation of Vapors	Chemical Total	% of Total
Average Exposure Assumptions–Residential Wells				
2-Butanone	NA	NR	NV	NV
Bis(2-ethhylhexyl)phthalate	0.03	NA	0.03	3%
Carbon disulfide	NA	NR	NV	NV
Carbon tetrachloride	0.15	0.23	0.38	43%
Chloroform	0.03	0.05	0.08	9%
Di-n-butyl phthalate	<0.01	NA	<0.01	<1%
1,2-Dichloroethene	0.02	0.03	0.05	6%
Diethyl phthalate	NA	NR	NV	NV
Di-n-octyl phthalate	0.03	NA	0.03	3%
Ethylbenzene	NA	NR	NV	NV
4-Nitrophenol	NA	NR	NV	NV
Tetrachloroethene	<0.01	<0.01	<0.01	<1%
Toluene	<0.01	<0.01	<0.01	<1%
Xylenes	NA	NR	NV	NV
Aluminum	NA	NR	NV	NV
Barium	0.04	NA	0.04	5%
Beryllium	<0.01	NA	<0.01	<1%
Cadmium	0.08	NA	0.08	9%
Chromium VI	0.08	NA	0.08	9%
Manganese	0.01	NA	0.01	1%
Mercury	0.01	NA	0.01	1%
Nickel	0.02	NA	0.02	2%
Selenium	0.03	NA	0.03	3%
Silver	0.04	NA	0.04	5%
Pathway Total	0.57	0.31		
% of Total	65%	35%	**0.88**	
Average Exposure Assumptions–Monitoring Wells				
2-Butanone	<0.01	<0.01	<0.01	<1%
Bis(2-ethhylhexyl)phthalate	0.11	NA	0.11	12%
Carbon disulfide	NA	NR	NV	NV
Carbon tetrachloride	NA	NR	NV	NV
Chloroform	<0.01	<0.01	0.01	<1%

526512

Chemical	Ingestion	Inhalation of Vapors	Chemical Total	% of Total
Di-n-butyl phthalate	<0.01	NA	<0.01	<1%
1,2-Dichloroethene	0.02	0.02	0.04	4%
Diethyl phthalate	<0.01	NA	<0.01	<1%
Di-n-octyl phthalate	0.01	NA	0.01	<1%
Ethylbenzene	NA	NR	NV	NV
4-Nitrophenol	NA	NR	NV	NV
Tetrachloroethene	NA	NR	NV	NV
Toluene	<0.01	<0.01	<0.01	<1%
Xylenes	<0.01	<0.01	<0.01	<1%
Aluminum	NA	NA	NV	NV
Barium	0.09	NA	0.09	8%
Beryllium	<0.01	NA	<0.01	<1%
Cadmium	0.14	NA	0.14	12%
Chromium VI	0.31	NA	0.31	27%
Manganese	0.20	NA	0.20	18%
Mercury	NA	NR	NV	NV
Nickel	0.06	NA	0.06	5%
Selenium	0.02	NA	0.02	2%
Silver	0.13	NA	0.13	12%
Pathway Total	1.10	0.03		
% of Total	97%	3%	**1.13**	
Average Exposure Assumptions–TVA Wells				
2-Butanone	NA	NR	NV	NV
Bis(2-ethhylhexyl)phthalate	NA	NA	NV	NV
Carbon disulfide	NA	NR	NV	NV
Carbon tetrachloride	NA	NR	NV	NV
Chloroform	NA	NR	NV	NV
Di-n-butyl phthalate	NA	NA	NV	NV
1,2-Dichloroethene	NA	NR	NV	NV
Diethyl phthalate	<0.01	NA	<0.01	<1%
Di-n-octyl phthalate	NA	NA	NV	NV
Ethylbenzene	NA	NR	NV	NV
4-Nitrophenol	NA	NR	NV	NV
Tetrachloroethene	NA	NR	NV	NV
Toluene	NA	NR	NV	NV
Xylenes	NA	NR	NV	NV

526519

Chemical	Ingestion	Inhalation of Vapors	Chemical Total	% of Total
Aluminum	NA	NR	NV	NV
Barium	0.05	NA	0.05	10%
Beryllium	<0.01	NA	<0.01	<1%
Cadmium	NA	NA	NV	NV
Chromium VI	0.14	NA	0.14	29%
Manganese	0.19	NA	0.19	39%
Mercury	NA	NA	NV	NV
Nickel	0.05	NA	0.05	10%
Selenium	0.03	NA	0.03	6%
Silver	0.03	NA	0.03	6%
Pathway Total	0.49	NV		
% of Total	100%	NV	**0.49**	
Maximum Exposure Assumptions–Residential Wells				
2-Butanone	NA	NR	NV	NV
Bis(2-ethhylhexyl)phthalate	0.10	NA	0.10	4%
Carbon disulfide	NA	NR	NV	NV
Carbon tetrachloride	0.33	0.50	0.83	31%
Chloroform	0.10	0.15	0.25	9%
Di-n-butyl phthalate	<0.01	NA	<0.01	<1%
1,2-Dichloroethene	0.05	0.08	0.13	5%
Diethyl phthalate	NA	NA	NV	NV
Di-n-octyl phthalate	0.04	NA	0.04	1%
Ethylbenzene	NA	NR	NV	NV
4-Nitrophenol	NA	NR	NV	NV
Tetrachloroethene	<0.01	<0.01	0.01	<1%
Toluene	<0.01	<0.01	<0.01	<1%
Xylenes	NA	NR	NV	NV
Aluminum	NA	NA	NV	NV
Barium	0.19	NA	0.19	7%
Beryllium	<0.01	NA	<0.01	<1%
Cadmium	0.11	NA	0.11	NV
Chromium VI	0.61	NA	0.61	23%
Manganese	0.12	NA	0.12	4%
Mercury	0.02	NA	0.02	<1%
Nickel	0.08	NA	0.08	3%
Selenium	0.13	NA	0.13	5%

526514

Chemical	Ingestion	Inhalation of Vapors	Chemical Total	% of Total
Silver	0.10	NA	0.10	4%
Pathway Total	1.98	0.73		
% of Total	73%	27%	**2.71**	
Maximum Exposure Assumptions–Monitoring Wells				
2-Butanone	<0.01	<0.01	0.01	<1%
Bis(2-ethhylhexyl)phthalate	0.46	NA	0.46	12%
Carbon disulfide	NA	NR	NV	NV
Carbon tetrachloride	NA	NR	NV	NV
Chloroform	<0.01	<0.01	0.02	<1%
Di-n-butyl phthalate	<0.01	NA	NV	NV
1,2-Dichloroethene	0.03	0.05	0.08	2%
Diethyl phthalate	<0.01	NA	<0.01	<1%
Di-n-octyl phthalate	<0.01	NA	<0.01	<1%
Ethylbenzene	NA	NR	NV	NV
4-Nitrophenol	NA	NR	NV	NV
Tetrachloroethene	NA	NR	NV	NV
Toluene	<0.01	<0.01	<0.01	<1%
Xylenes	<0.01	<0.01	<0.01	<1%
Aluminum	NA	NR	NV	NV
Barium	0.42	NA	0.42	11%
Beryllium	0.01	NA	0.01	<1%
Cadmium	0.23	NA	0.23	6%
Chromium VI	1.28	NA	1.28	33%
Manganese	0.82	NA	0.82	21%
Mercury	NA	NA	NV	NV
Nickel	0.23	NA	0.23	6%
Selenium	0.07	NA	0.07	2%
Silver	0.26	NA	0.26	7%
Pathway Total	3.84	0.05		
% of Total	99%	1%	**3.89**	
Maximum Exposure Assumptions–TVA Wells				
2-Butanone	NA	NR	NV	NV
Bis(2-ethhylhexyl)phthalate	NA	NA	NV	NV
Carbon disulfide	NA	NR	NV	NV
Carbon tetrachloride	NA	NR	NV	NV
Chloroform	NA	NR	NV	NV

526515

Chemical	Ingestion	Inhalation of Vapors	Chemical Total	% of Total
Di-n-butyl phthalate	NA	NR	NV	NV
1,2-Dichloroethene	NA	NR	NV	NV
Diethyl phthalate	<0.01	NA	<0.01	<1%
Di-n-octyl phthalate	NA	NR	NV	NV
Ethylbenzene	NA	NR	NV	NV
4-Nitrophenol	NA	NR	NV	NV
Tetrachloroethene	NA	NR	NV	NV
Toluene	NA	NR	NV	NV
Xylenes	NA	NR	NV	NV
Aluminum	NA	NA	NV	NV
Barium	0.22	NA	0.22	13%
Beryllium	<0.01	NA	<0.01	<1%
Cadmium	NA	NA	NV	NV
Chromium VI	0.54	NA	0.54	31%
Manganese	0.72	NA	0.72	41%
Mercury	NA	NA	NV	NV
Nickel	0.11	NA	0.11	6%
Selenium	0.10	NA	0.10	6%
Silver	0.05	NA	0.05	3%
Pathway Total	1.74	NV		
% of Total	100%	NV	**1.74**	

Notes: NA is defined as not applicable in CH2M Hill 1991a.
NR indicates that the value is not reported in CH2M Hill 1991a.
NV indicates value could not be calculated.

[a] All values were recalculated using information in Appendix 6C because inhalation risk values were not reported in tables found in Appendix 6C.

526516

Table 1.3 Excess lifetime cancer risk from radionuclides in RGA groundwater–residential use [compiled[a] from information in Appendix 6D of *Results of the Site Investigation, Phase I, at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky* (CH2M Hill 1991b)]

Radionuclide	Ingestion	Radionuclide Total	% of Total
Average Exposure Assumptions–Residential Wells			
Technetium-99	1.1×10^{-6}	1.1×10^{-6}	26%
Uranium-238	1.5×10^{-6}	1.5×10^{-6}	35%
Uranium-235	7.8×10^{-8}	7.8×10^{-8}	2%
Uranium-234	1.6×10^{-6}	1.6×10^{-6}	37%
Thorium-230	7.2×10^{-8}	7.2×10^{-8}	2%
Neptunium-237	NR	NV	NV
Plutonium-239	7.1×10^{-9}	7.1×10^{-9}	<1%
Pathway Total	4.3×10^{-6}		
% of Total	100%	**4.3×10^{-6}**	
Average Exposure Assumptions–Monitoring Wells			
Technetium-99	5.5×10^{-7}	5.5×10^{-7}	20%
Uranium-238	1.0×10^{-6}	1.0×10^{-6}	36%
Uranium-235	7.8×10^{-8}	7.8×10^{-8}	3%
Uranium-234	9.0×10^{-7}	9.0×10^{-7}	32%
Thorium-230	1.6×10^{-7}	1.6×10^{-7}	6%
Neptunium-237	NR	NV	NV
Plutonium-239	8.6×10^{-8}	8.6×10^{-8}	3%
Pathway Total	2.8×10^{-6}		
% of Total	100%	**2.8×10^{-6}**	
Average Exposure Assumptions–TVA Wells			
Technetium-99	2.9×10^{-7}	2.9×10^{-7}	3%
Uranium-238	6.1×10^{-6}	6.1×10^{-6}	62%
Uranium-235	8.4×10^{-7}	8.4×10^{-7}	9%
Uranium-234	2.3×10^{-6}	2.3×10^{-6}	23%
Thorium-230	7.7×10^{-8}	7.7×10^{-8}	<1%
Neptunium-237	NR	NV	NV
Plutonium-239	2.9×10^{-7}	2.9×10^{-7}	3%
Pathway Total	9.8×10^{-6}		
% of Total	100%	**9.8×10^{-6}**	
Maximum Exposure Assumptions–Residential Wells			
Technetium-99	3.4×10^{-5}	3.4×10^{-5}	63%
Uranium-238	9.7×10^{-6}	9.7×10^{-6}	18%
Uranium-235	3.7×10^{-7}	3.7×10^{-7}	<1%
Uranium-234	9.5×10^{-6}	9.5×10^{-6}	18%
Thorium-230	5.8×10^{-7}	5.8×10^{-7}	1%

526517

Radionuclide	Ingestion	Radionuclide Total	% of Total
Neptunium-237	NR	NV	NV
Plutonium-239	4.8×10^{-8}	4.8×10^{-8}	<1%
Pathway Total	5.4×10^{-5}		
% of Total	100%	**5.4×10^{-5}**	
Maximum Exposure Assumptions–Monitoring Wells			
Technetium-99	6.3×10^{-6}	6.3×10^{-6}	13%
Uranium-238	2.5×10^{-5}	2.5×10^{-5}	51%
Uranium-235	6.3×10^{-7}	6.3×10^{-7}	1%
Uranium-234	1.5×10^{-5}	1.1×10^{-5}	22%
Thorium-230	1.8×10^{-6}	1.8×10^{-6}	4%
Neptunium-237	NR	NV	NV
Plutonium-239	4.1×10^{-7}	4.1×10^{-7}	<1%
Pathway Total	4.9×10^{-5}		
% of Total	100%	**4.9×10^{-5}**	
Maximum Exposure Assumptions–TVA Wells			
Technetium-99	3.1×10^{-6}	3.1×10^{-6}	<1%
Uranium-238	2.8×10^{-4}	2.8×10^{-4}	88%
Uranium-235	7.4×10^{-6}	7.4×10^{-6}	2%
Uranium-234	2.9×10^{-5}	2.9×10^{-5}	9%
Thorium-230	1.1×10^{-6}	1.1×10^{-6}	<1%
Neptunium-237	NR	NV	NV
Plutonium-239	1.4×10^{-6}	1.4×10^{-6}	<1%
Pathway Total	3.2×10^{-4}		
% of Total	100%	**3.2×10^{-4}**	

Notes: NR indicates that the value is not reported in CH2M Hill 1991a.
NV indicates value could not be calculated.
[a] All values, except percentages, taken from Appendix 6D in CH2M Hill 1991a.

526518

Table 1.4 Excess lifetime cancer risk from chemicals in RGA groundwater – residential use [compiled[a] from information in *Public Health and Ecological Assessment, Phase II* (CH2M Hill 1991a)]

Chemical	Ingestion	Inhalation of Vapors	Chemical Total	% of Total
Onsite Monitoring Wells				
1,1,2-Trichloroethene	6×10^{-5}	9×10^{-5}	2×10^{-4}	0.2
1,1-Dichloroethene	2×10^{-4}	3×10^{-4}	5×10^{-4}	0.9
Carbon tetrachloride	4×10^{-5}	6×10^{-5}	1×10^{-4}	0.2
Tetrachloroethene	9×10^{-5}	1×10^{-4}	2×10^{-4}	0.4
Trichloroethene	8×10^{-3}	1×10^{-2}	2×10^{-2}	31.2
Bromodichloromethane	1×10^{-5}	2×10^{-5}	3×10^{-5}	0.1
Chloroform	1×10^{-6}	2×10^{-6}	3×10^{-6}	<0.1
Chloromethane	3×10^{-5}	4×10^{-5}	7×10^{-5}	0.1
1,2-Dichloroethane	1×10^{-5}	2×10^{-5}	3×10^{-5}	<0.1
Benzene	4×10^{-6}	6×10^{-6}	1×10^{-5}	<0.1
Vinyl chloride	2×10^{-2}	2×10^{-2}	4×10^{-2}	64.5
Isophorone	5×10^{-7}	Not volatile	5×10^{-7}	<0.1
Arsenic	9×10^{-4}	Not volatile	9×10^{-4}	1.5
Beryllium	5×10^{-4}	Not volatile	5×10^{-4}	0.9
Pathway Total	2×10^{-2}	4×10^{-2}		
% of Total	33.0	67.0	**6×10^{-2}**	
Residential Wells				
Trichloroethene	2×10^{-4}	2×10^{-4}	4×10^{-4}	54.7
Bromodichloromethane	2×10^{-5}	3×10^{-5}	5×10^{-5}	7.5
Chloroform	4×10^{-6}	6×10^{-6}	1×10^{-5}	1.3
Dibromochloromethane	1×10^{-6}	1×10^{-6}	2×10^{-6}	0.3
Carbon tetrachloride	1×10^{-5}	2×10^{-5}	3×10^{-5}	4.3
Tetrachloroethene	6×10^{-7}	9×10^{-7}	2×10^{-6}	0.2
Arsenic	2×10^{-4}	Not volatile	2×10^{-4}	25.9
Beryllium	4×10^{-5}	Not volatile	4×10^{-5}	5.7
Pathway Total	4×10^{-4}	3×10^{-4}		
% of Total	57.1	42.9	**7×10^{-4}**	
Offsite Monitoring Wells				
Trichloroethene	3×10^{-5}	4×10^{-5}	7×10^{-5}	6.2
Lead	No value	No value	No value	-
Beryllium	2×10^{-4}	Not volatile	2×10^{-4}	44.5
Arsenic	2×10^{-4}	Not volatile	2×10^{-4}	49.3
Pathway Total	4×10^{-4}	4×10^{-5}		
% of Total	88.9	11.1	**5×10^{-4}**	
TVA Wells				
Trichloroethene	2×10^{-7}	3×10^{-7}	5×10^{-7}	<0.1
Beryllium	9×10^{-4}	Not volatile	9×10^{-4}	30.4
Arsenic	2×10^{-3}	Not volatile	2×10^{-3}	69.6
Pathway Total	3×10^{-3}	3×10^{-7}		
			3×10^{-3}	

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Chemical	Ingestion	Inhalation of Vapors	Chemical Total	% of Total
% of Total	100.0	<0.1		
MW 134				
Trichloroethene	6×10^{-7}	1×10^{-6}	2×10^{-6}	1.0
Lead	No value	No value	No value	-
Beryllium	3×10^{-5}	Not volatile	3×10^{-5}	40.1
Arsenic	4×10^{-5}	Not volatile	4×10^{-5}	58.8
Pathway Total	6×10^{-5}	1×10^{-6}		
% of Total	98.4	1.6	**6×10^{-5}**	
MW 144				
Trichloroethene	3×10^{-5}	5×10^{-5}	8×10^{-5}	18.9
Lead	No value	No value	No value	-
Beryllium	1×10^{-5}	Not volatile	1×10^{-5}	5.7
Arsenic	1×10^{-4}	Not volatile	1×10^{-4}	75.4
Pathway Total	2×10^{-4}	5×10^{-5}		
% of Total	83.3	16.7	**2×10^{-4}**	
MW 179				
Trichloroethene	6×10^{-7}	1×10^{-6}	2×10^{-6}	1.0
Lead	No value	No value	No value	-
Beryllium	3×10^{-5}	Not volatile	3×10^{-5}	44.6
Arsenic	4×10^{-5}	Not volatile	4×10^{-5}	54.5
Pathway Total	7×10^{-5}	1×10^{-6}		
% of Total	98.6	1.4	**7×10^{-5}**	
MW 200				
Trichloroethene	6×10^{-7}	1×10^{-6}	2×10^{-6}	0.1
Lead	No value	No value	No value	-
Beryllium	5×10^{-4}	Not volatile	5×10^{-4}	95.5
Arsenic	2×10^{-5}	Not volatile	2×10^{-5}	4.4
Pathway Total	5×10^{-4}	1×10^{-6}		
% of Total	98.0	2.0	**5×10^{-4}**	

Radionuclide	Ingestion	Radionuclide Total	% of Total
Onsite Monitoring Wells			
Technetium-99	9×10^{-6}	9×10^{-6}	40.4
Uranium-238	7×10^{-6}	7×10^{-6}	28.9
Uranium-235	2×10^{-7}	2×10^{-7}	0.8
Uranium-234	3×10^{-6}	3×10^{-6}	14.3
Thorium-230	8×10^{-7}	8×10^{-7}	5.6
Neptunium-237	1×10^{-6}	1×10^{-6}	8.0
Plutonium-239	3×10^{-7}	3×10^{-7}	2.0
Pathway Total	2×10^{-5}		
% of Total	100	**2×10^{-5}**	
Residential Wells			
Technetium-99	8×10^{-6}	8×10^{-6}	43.9
Uranium-238	3×10^{-6}	3×10^{-6}	15.2

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Radionuclide	Ingestion	Radionuclide Total	% of Total
Uranium-235	1×10^{-7}	1×10^{-7}	0.8
Uranium-234	2×10^{-6}	2×10^{-6}	11.4
Thorium-230	4×10^{-7}	4×10^{-7}	3.9
Neptunium-237	3×10^{-6}	3×10^{-6}	24.8
Plutonium-239	No value	No value	No value
Pathway Total	2×10^{-5}		
% of Total	100	**2×10^{-5}**	
Offsite Monitoring Wells			
Technetium-99	1×10^{-6}	1×10^{-6}	6.0
Uranium-238	7×10^{-6}	7×10^{-6}	34.2
Uranium-235	2×10^{-7}	2×10^{-7}	1.3
Uranium-234	7×10^{-6}	7×10^{-6}	33.7
Thorium-230	1×10^{-7}	1×10^{-7}	1.1
Neptunium-237	5×10^{-7}	5×10^{-7}	4.5
Plutonium-239	2×10^{-6}	2×10^{-6}	19.2
Pathway Total	2×10^{-5}		
% of Total	100	**2×10^{-5}**	
TVA Wells			
Technetium-99	1×10^{-6}	1×10^{-6}	4.0
Uranium-238	9×10^{-6}	9×10^{-6}	35.4
Uranium-235	6×10^{-7}	6×10^{-7}	2.3
Uranium-234	1×10^{-5}	1×10^{-5}	36.9
Thorium-230	3×10^{-7}	3×10^{-7}	2.3
Neptunium-237	2×10^{-6}	2×10^{-6}	16.6
Plutonium-239	4×10^{-7}	4×10^{-7}	2.5
Pathway Total	2×10^{-5}		
% of Total	100	**2×10^{-5}**	
MW 134			
Technetium-99	5×10^{-6}	5×10^{-6}	70.7
Uranium-238	9×10^{-7}	9×10^{-7}	12.2
Uranium-234	1×10^{-6}	1×10^{-6}	17.5
Plutonium-239	2×10^{-8}	2×10^{-8}	0.3
Pathway Total	7×10^{-6}		
% of Total	100	**7×10^{-6}**	
MW 144			
Technetium-99	2×10^{-7}	2×10^{-7}	56.2
Uranium-238	3×10^{-8}	3×10^{-8}	8.3
Uranium-234	1×10^{-7}	1×10^{-7}	35.6
Plutonium-239	No value	No value	No value
Pathway Total	3×10^{-7}		
% of Total	100	**3×10^{-7}**	
MW 179			
Technetium-99	2×10^{-5}	2×10^{-5}	83.2

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Radionuclide	Ingestion	Radionuclide Total	% of Total
Uranium-238	2×10^{-6}	2×10^{-6}	9.0
Uranium-234	2×10^{-6}	2×10^{-6}	7.2
Plutonium-239	2×10^{-7}	2×10^{-7}	0.7
Pathway Total	3×10^{-5}		
% of Total	100	**3×10^{-5}**	
MW 200			
Technetium-99	5×10^{-6}	5×10^{-6}	76.0
Uranium-238	1×10^{-6}	1×10^{-6}	14.8
Uranium-234	6×10^{-7}	6×10^{-7}	8.6
Plutonium-239	4×10^{-8}	4×10^{-8}	0.6
Pathway Total	6×10^{-6}		
% of Total	100	**6×10^{-6}**	

Notes: No value indicates that a value is not reported in CH2M Hill 1991a.
Not volatile indicates that the chemical or compound will not be emitted as a vapor from groundwater during household use.
Radionuclide values may differ from values in Exhibit 1.53. This is the result of reporting only risk values from the assessment done using total (unfiltered) samples here. In CH2M Hill 1991a, the greater of the results from the assessments done using total or filtered samples were that reported in the summary table used to create Exhibit 1.53.

[a] All values are as reported in App. H (pages H113 through H-152) of CH2M Hill 1991a except pathway percentages. Pathway percentages were calculated.

[b] Lead is listed as a COC but no values are provided.

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Chemical	Ingestion	Inhalation[b]	Dermal Contact[c]	Vegetables[d]	Beef and Milk[e]	Chemical Total	% of Total
Carbon tetrachloride	–	–	–	–	–	–	–
Chloroform	–	–	–	–	–	–	–
Di-n-butylphthalate	NC	NC	NC	NC	NC	NC	NC
Dibromochloromethane	–	–	–	–	–	–	–
Dieldrin	2.0×10^{-5}	5.6×10^{-6}	9.3×10^{-7}	1.2×10^{-5}	3.9×10^{-5}	7.7×10^{-5}	60%
Diethylphthalate	NC	NC	NC	NC	NC	NC	NC
Phenol	NC	NC	NC	NC	NC	NC	NC
N-nitrosodiphenylamine	1.2×10^{-7}	NC	1.2×10^{-8}	2.3×10^{-7}	5.0×10^{-10}	3.6×10^{-7}	<1%
Tetrachloroethene	–	–	–	–	–	–	–
Toluene	NC	NC	NC	NC	NC	NC	NC
Trichloroethene	4.0×10^{-6}	2.6×10^{-6}	1.8×10^{-7}	1.6×10^{-5}	8.3×10^{-9}	2.3×10^{-5}	18%
Uranium	NC	NC	NC	NC	NC	NC	NC
Xylene	NC	NC	NC	NC	NC	NC	NC
Technetium-99	1.8×10^{-6}	NC	NC	3.5×10^{-7}	1.0×10^{-6}	3.2×10^{-6}	2%
Uranium-234	–	–	–	–	–	–	–
Uranium-235	–	–	–	–	–	–	–
Uranium-238	6.5×10^{-7}	NC	NC	1.2×10^{-7}	8.9×10^{-10}	7.7×10^{-7}	<1%
Pathway Total	3.1×10^{-5}	9.1×10^{-6}	1.4×10^{-6}	4.7×10^{-5}	4.0×10^{-5}		
% of Total	24%	7%	1%	37%	31%	**1.3×10^{-4}**	
Outside of Plume Well Group							
1,2-Dichloroethane	–	–	–	–	–	–	–
cis-1,2-Dichloroethene	NC	NC	NC	NC	NC	NC	NC
2-Butanone	NC	NC	NC	NC	NC	NC	NC
4-Nitrophenol	NC	NC	NC	NC	NC	NC	NC
Bis(2-chloroethyl)ether	–	–	–	–	–	–	–
Bis(2-ethylhexyl)phthalate	1.5×10^{-6}	NC	1.4×10^{-7}	6.0×10^{-7}	2.9×10^{-7}	2.5×10^{-6}	21%
Bromodichloromethane	–	–	–	–	–	–	–
Carbon tetrachloride	–	–	–	–	–	–	–
Chloroform	–	–	–	–	–	–	–
Di-n-butylphthalate	NC	NC	NC	NC	NC	NC	NC
Dibromochloromethane	–	–	–	–	–	–	–
Dieldrin	–	–	–	–	–	–	–
Diethylphthalate	NC	NC	NC	NC	NC	NC	NC
Phenol	NC	NC	NC	NC	NC	NC	NC
N-nitrosodiphenylamine	1.2×10^{-7}	NC	1.2×10^{-8}	2.3×10^{-7}	5.0×10^{-10}	3.6×10^{-7}	3%
Tetrachloroethene	–	–	–	–	–	–	–
Toluene	NC	NC	NC	NC	NC	NC	NC
Trichloroethene	–	–	–	–	–	–	–

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Chemical	Ingestion	Inhalation[b]	Dermal Contact[c]	Vegetables[d]	Beef and Milk[e]	Chemical Total	% of Total
Uranium	NC	NC	NC	NC	NC	NC	NC
Xylene	NC	NC	NC	NC	NC	NC	NC
Techetium-99	–	–	–	–	–	–	–
Uranium-234	2.2×10^{-6}	NC	NC	4.1×10^{-7}	5.2×10^{-9}	2.6×10^{-6}	21%
Uranium-235	1.1×10^{-7}	NC	NC	2.2×10^{-8}	2.7×10^{-10}	1.3×10^{-7}	1%
Uranium-238	5.6×10^{-6}	NC	NC	9.7×10^{-7}	6.9×10^{-9}	6.6×10^{-6}	54%
Pathway Total	9.5×10^{-6}	NV	1.5×10^{-7}	2.2×10^{-6}	3.0×10^{-7}		
% of Total	78%	NV	1%	18%	2%	**1.2×10^{-5}**	
Reference Well Group							
1,2-Dichloroethane	–	–	–	–	–	–	–
cis-1,2-Dichloroethene	NC	NC	NC	NC	NC	NC	NC
2-Butanone	NC	NC	NC	NC	NC	NC	NC
4-Nitrophenol	NC	NC	NC	NC	NC	NC	NC
Bis(2-chloroethyl)ether	–	–	–	–	–	–	–
Bis(2-ethylhexyl)phthalate	2.9×10^{-5}	NC	2.8×10^{-6}	1.2×10^{-5}	5.6×10^{-6}	4.9×10^{-5}	98%
Bromodichloromethane	–	–	–	–	–	–	–
Carbon tetrachloride	–	–	–	–	–	–	–
Chloroform	–	–	–	–	–	–	–
Di-n-butylphthalate	NC	NC	NC	NC	NC	NC	NC
Dibromochloromethane	–	–	–	–	–	–	–
Dieldrin	–	–	–	–	–	–	–
Diethylphthalate	NC	NC	NC	NC	NC	NC	NC
Phenol	NC	NC	NC	NC	NC	NC	NC
N-nitrosodiphenylamine	1.2×10^{-7}	NC	1.2×10^{-8}	2.3×10^{-7}	5×10^{-10}	3.6×10^{-7}	<1%
Tetrachloroethene	–	–	–	–	–	–	–
Toluene	NC	NC	NC	NC	NC	NC	NC
Trichloroethene	–	–	–	–	–	–	–
Uranium	NC	NC	NC	NC	NC	NC	NC
Xylene	NC	NC	NC	NC	NC	NC	NC
Techetium-99	1.4×10^{-7}	NC	NC	2.7×10^{-8}	8.3×10^{-8}	2.5×10^{-7}	<1%
Uranium-234	1.2×10^{-7}	NC	NC	2.2×10^{-8}	1.6×10^{-10}	1.4×10^{-7}	<1%
Uranium-235	–	–	–	–	–	–	–
Uranium-238	–	–	–	–	–	–	–
Pathway Total	2.9×10^{-5}	NV	2.8×10^{-6}	1.2×10^{-5}	5.7×10^{-6}		
% of Total	59%	NV	6%	24%	11%	**5.0×10^{-5}**	

Notes: NC is defined as not "a carcinogen for this pathway" in DOE 1993a.
– is defined as "chemical was not detected in this well group in DOE 1993a.
NV indicates that a value cannot be calculated for the pathway.

[a] All values were taken from information in Table 5.1 through 5.4 of DOE 1993a.

[b] Exposure route = inhalation of volatiles emitted by groundwater during household use.

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Chemical	Ingestion	Inhalation[b]	Dermal Contact[c]	Vegetables[d]	Beef and Milk[e]	Chemical Total	% of Total
Dieldrin	0.06	NR	<0.01	0.04	0.11	0.21	34%
Diethylphthalate	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1%
Phenol	<0.01	NR	<0.01	0.01	<0.01	0.01	<1%
N-nitrosodiphenylamine	NR	NR	NR	NR	NR	NV	NV
Tetrachloroethene	-	-	-	-	-	NV	NV
Toluene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1%
Trichloroethene	NR	NR	NR	NR	NR	NV	NV
Uranium	0.04	NR	<0.01	0.01	<0.01	0.06	10%
Xylene	<0.01	<0.01	<0.01	0.01	<0.01	0.01	2%
Pathway Total	0.13	<0.01	<0.01	0.38	0.11		
% of Total	21%	<1%	<1%	61%	18%	**0.62**	
Outside of Plume Well Group							
1,2-Dichloroethane	NR	NR	NR	NR	NR	NV	NV
cis-1,2-Dichloroethene	-	-	-	-	-	NV	NV
2-Butanone	-	-	-	-	-	NV	NV
4-Nitrophenol	NR	NR	NR	NR	NR	NV	NV
Bis(2-chloroethyl)ether	NR	NR	NR	NR	NR	NV	NV
Bis(2-ethylhexyl)phthalate	0.01	NR	<0.01	<0.01	<0.01	0.02	6%
Bromodichloromethane	-	-	-	-	-	NV	NV
Carbon tetrachloride	-	-	-	-	-	NV	NV
Chloroform	-	-	-	-	-	NV	NV
Di-n-butylphthalate	-	-	-	-	-	NV	NV
Dibromochloromethane	-	-	-	-	-	NV	NV
Dieldrin	-	-	-	-	-	NV	NV
Diethylphthalate	-	-	-	-	-	NV	NV
Phenol	-	-	-	-	-	NV	NV
N-nitrosodiphenylamine	NR	NR	NR	NR	NR	NV	NV
Tetrachloroethene	-	-	-	-	-	NV	NV
Toluene	-	-	-	-	-	NV	NV
Trichloroethene	NR	NR	NR	NR	NR	NV	NV
Uranium	0.25	NR	<0.01	0.08	0.01	0.34	94%
Xylene	-	-	-	-	-	NV	NV
Pathway Total	0.26	NV	<0.01	0.08	0.01		
% of Total	72%	NV	<1%	22%	3%	**0.36**	
Reference Well Group							
1,2-Dichloroethane	NR	NR	NR	NR	NR	NV	NV
cis-1,2-Dichloroethene	-	-	-	-	-	NV	NV
2-Butanone	-	-	-	-	-	NV	NV

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Chemical	Ingestion	Inhalation[b]	Dermal Contact[c]	Vegetables[d]	Beef and Milk[e]	Chemical Total	% of Total
4-Nitrophenol	NR	NR	NR	NR	NR	NV	NV
Bis(2-chloroethyl)ether	NR	NR	NR	NR	NR	NV	NV
Bis(2-ethylhexyl)phthalate	0.24	NR	0.02	0.10	0.05	0.41	95%
Bromodichloromethane	-	-	-	-	-	NV	NV
Carbon tetrachloride	-	-	-	-	-	NV	NV
Chloroform	-	-	-	-	-	NV	NV
Di-n-butylphthalate	-	-	-	-	-	NV	NV
Dibromochloromethane	-	-	-	-	-	NV	NV
Dieldrin	-	-	-	-	-	NV	NV
Diethylphthalate	-	-	-	-	-	NV	NV
Phenol	-	-	-	-	-	NV	NV
N-nitrosodiphenylamine	NR	NR	NR	NR	NR	NV	NV
Tetrachloroethene	-	-	-	-	-	NV	NV
Toluene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1%
Trichloroethene	NR	NR	NR	NR	NR	NV	NV
Uranium	0.02	NR	<0.01	<0.01	<0.01	0.02	5%
Xylene	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1%
Pathway Total	0.26	<0.01	0.02	0.10	0.05		
% of Total	60%	<1%	5%	23%	12%	**0.43**	

Notes: NR is defined "as no RFD for this pathway" in DOE 1993a.
In DOE 1993a, NDA is used to indicate that some parameters needed to estimate risk for the chemical were not available.
- is defined as "chemical was not detected in this well group in DOE 1993a.
NV indicates that a value cannot be calculated.

[a] All values were taken from information in Table 5.6 through 5.9 of DOE 1993a.
[b] Exposure route = inhalation of volatiles emitted by groundwater during household use.
[c] Exposure route = dermal exposure to chemicals in groundwater while bathing.
[d] Exposure route = consumption of vegetable irrigated with groundwater.
[e] Exposure route = consumption of meat and milk from cows receiving groundwater to drink.

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Table 1.9 Hazard indices for naturally occurring metals in RGA groundwater–residential use [compiled[a] from information in *Human Health Baseline Risk Asessment for the Northwest Plume, Paducah Gaseous Diffusion Plant, Paducah, Kentucky* (DOE 1993a)]

Chemical	Ingestion	Inhalation[b]	Dermal Contact[c]	Vegetables[d]	Beef and Milk[e]	Chemical Total	% of Total
High TCE/^{99}Tc Well Group							
Arsenic	0.89	NR	<0.01	0.29	0.02	1.22	33%
Barium	0.11	NR	<0.01	0.04	<0.01	0.15	4%
Cadmium	0.04	NR	<0.01	0.04	0.01	0.09	2%
Copper	0.08	NR	<0.01	0.88	0.52	1.48[f]	40%
Cyanide	<0.01	NR	<0.01	0.57	<0.01	0.58	16%
Lead	NR	NR	NR	NR	NR	NV	NV
Silver	0.04	NR	<0.01	0.02	0.14	0.21	6%
Pathway Total	1.16	NV	<0.01	1.84	0.69		
% of Total	31%	NV	<1%	50%	19%	**3.69**	
TCE/^{99}Tc Plume Well Group							
Arsenic	0.83	NR	<0.01	0.28	0.03	1.10	57%
Barium	0.10	NR	<0.01	0.04	<0.01	0.15	8%
Cadmium	0.06	NR	<0.01	0.05	0.02	0.13	7%
Copper	0.05	NR	<0.01	0.05	0.03	0.13	7%
Cyanide	<0.01	NR	<0.01	0.33	<0.01	0.34	18%
Lead	NR	NR	NR	NR	NR	NV	NV
Silver	0.01	NR	<0.01	<0.01	0.05	0.07	4%
Pathway Total	1.05	NV	<0.01	0.75	0.13		
% of Total	55%	NV	<1%	39%	7%	**1.92**	
Outside of Plume Well Group							
Arsenic	0.12	NR	<0.01	0.04	<0.01	0.16	15%
Barium	0.13	NR	<0.01	0.05	<0.01	0.19	18%
Cadmium	0.10	NR	<0.01	0.09	0.03	0.21	20%
Copper	0.02	NR	<0.01	0.03	0.01	0.06	6%
Cyanide	<0.01	NR	<0.01	0.37	<0.01	0.37	35%
Lead	NR	NR	NR	NR	NR	NV	NV
Silver	0.01	NR	<0.01	<0.01	0.04	0.06	6%
Pathway Total	0.38	NV	<0.01	0.58	0.08		
% of Total	36%	NV	<1%	55%	8%	**1.05**	
Reference Well Group							
Arsenic	0.67	NR	<0.01	0.23	0.02	0.92	55%
Barium	0.06	NR	<0.01	0.03	<0.01	0.09	5%
Cadmium	0.08	NR	<0.01	0.07	0.02	0.16	10%
Copper	0.04	NR	<0.01	0.05	0.03	0.12	7%

526527

Chemical	Ingestion	Inhalation[b]	Dermal Contact[c]	Vegetables[d]	Beef and Milk[e]	Chemical Total	% of Total
Cyanide	<0.01	NR	<0.01	0.27	<0.01	0.27	16%
Lead	NR	NR	NR	NR	NR	NV	NV
Silver	0.02	NR	<0.01	0.01	0.07	0.10	6%
Pathway Total	0.87	NV	<0.01	0.66	0.14		
% of Total	52%	NV	<1%	40%	8%	**1.66**	

Notes: NC is defined as not "a carcinogen for this pathway" in DOE 1993a.
NV indicates that a value cannot be calculated.

[a] All values were taken from information in Table 5.5 of DOE 1993a.

[b] Exposure route = inhalation of volatiles emitted by groundwater during household use.

[c] Exposure route = dermal exposure to chemicals in groundwater while bathing.

[d] Exposure route = consumption of vegetable irrigated with groundwater.

[e] Exposure route = consumption of meat and milk from cows receiving groundwater to drink.

[f] DOE 1993a reports this value as 2.24; however, the pathway-specific hazard quotients for copper do not sum to 2.24. The reason for this error is unknown.

526528

Table 1.10 Excess lifetime cancer risk from chemicals in RGA groundwater–residential use [compiled[a] from information in App. H of *Baseline Risk Assessment and Technical Investigation Report for the Northwest Dissolved Phase Plume, Paducah Gaseous Diffusion Plant* (DOE 1994c)]

Chemical	Ingestion	Inhalation[b]	Dermal Contact[c]	Vegetables[d]	Biota[e]	Chemical Total[f]	% of Total
Plume Centroid Well Group							
Copper	NC	NC	NC	NC	NC	NV	NV
Lead	NC	NC	NC	NC	NC	NV	NV
Manganese	NC	NC	NC	NC	NC	NV	NV
Silicon	NC	NC	NC	NC	NC	NV	NV
Sulfide	NC	NC	NC	NC	NC	NV	NV
Tungsten	NC	NC	NC	NC	NC	NV	NV
Bis(2-chloroethyl)ether	1.3×10^{-4}	5.8×10^{-6}	NC	2.3×10^{-4}	3.8×10^{-5}	4.0×10^{-4}	9%
Bromodichloromethane	8.7×10^{-6}	NC	NC	5.9×10^{-6}	7.0×10^{-6}	2.2×10^{-5}	<1%
Carbon tetrachloride	7.6×10^{-6}	1.1×10^{-6}	1.0×10^{-6}	3.0×10^{-6}	3.5×10^{-6}	1.6×10^{-5}	<1%
Chloroform	3.6×10^{-7}	1.3×10^{-6}	8.3×10^{-8}	3.4×10^{-7}	1.8×10^{-7}	2.3×10^{-6}	<1%
Dibromochloromethane	4.0×10^{-6}	NC	NC	3.2×10^{-6}	2.4×10^{-6}	9.6×10^{-6}	<1%
Trichloroethene	7.7×10^{-5}	1.4×10^{-5}	NC	4.3×10^{-5}	7.9×10^{-5}	2.1×10^{-4}	5%
Vinyl chloride	1.1×10^{-3}	6.4×10^{-5}	NC	2.3×10^{-3}	2.0×10^{-4}	3.7×10^{-3}	81%
Americium-241	2.5×10^{-6}	NC	NC	5.7×10^{-7}	1.8×10^{-6}	4.8×10^{-6}	<1%
Plutonium-239	1.5×10^{-6}	NC	NC	3.3×10^{-7}	2.2×10^{-7}	2.1×10^{-6}	<1%
Technetium-99	1.0×10^{-5}	NC	NC	5.9×10^{-6}	9.5×10^{-5}	1.1×10^{-4}	2%
Uranium-234	1.0×10^{-6}	NC	NC	2.4×10^{-7}	6.0×10^{-8}	1.3×10^{-6}	<1%
Uranium-238	1.7×10^{-6}	NC	NC	6.0×10^{-6}	1.4×10^{-7}	7.7×10^{-6}	<1%
Pathway Total	1.4×10^{-3}	8.1×10^{-5}	1.1×10^{-6}	2.6×10^{-3}	4.3×10^{-4}		
% of Total	31%	2%	<1%	57%	10%	**4.5×10^{-3}**	
Dissolved Plume Well Group							
Aluminum	NC	NC	NC	NC	NC	NV	NV
Manganese	NC	NC	NC	NC	NC	NV	NV
Reactive Silica	NC	NC	NC	NC	NC	NV	NV
Silicon	NC	NC	NC	NC	NC	NV	NV
Sulfate	NC	NC	NC	NC	NC	NV	NV
Tungsten	NC	NC	NC	NC	NC	NV	NV
1,1,2-Trichloroethane	1.4×10^{-5}	2.8×10^{-6}	9.3×10^{-7}	8.0×10^{-6}	1.5×10^{-5}	4.1×10^{-5}	1%
1,2-Dichloroethane	1.2×10^{-5}	2.1×10^{-6}	3.2×10^{-7}	2.5×10^{-5}	6.4×10^{-7}	4.0×10^{-5}	1%
4-Nitrophenol	NC	NC	NC	NC	NC	NV	NV
Bis(2-ethylhexyl)phthalate	1.8×10^{-6}	NC	1.6×10^{-6}	2.4×10^{-8}	8.0×10^{-6}	1.1×10^{-5}	<1%
Bromodichloroethane	9.5×10^{-6}	NC	NC	7.3×10^{-6}	7.6×10^{-6}	2.4×10^{-5}	<1%
Carbon disulfide	NC	NC	NC	NC	NC	NV	NV

Chemical	Ingestion	Inhalation[b]	Dermal Contact[c]	Vegetables[d]	Biota[e]	Chemical Total[f]	% of Total
Carbon tetrachloride	2.0×10^{-5}	2.9×10^{-6}	2.6×10^{-6}	9.0×10^{-6}	9.1×10^{-6}	4.4×10^{-5}	1%
Chloroform	9.3×10^{-7}	3.4×10^{-6}	2.2×10^{-7}	1.0×10^{-6}	4.7×10^{-7}	6.0×10^{-6}	<1%
cis-1,2-Dichloroethene	NC	NC	NC	NC	NC	NV	NV
Dieldrin	1.7×10^{-5}	2.8×10^{-9}	NC	2.5×10^{-6}	2.3×10^{-3}	2.3×10^{-3}	72%
Naphthalene	NC	NC	NC	NC	NC	NV	NV
Trichloroethene	1.2×10^{-4}	2.2×10^{-4}	NC	7.7×10^{-5}	1.2×10^{-4}	5.4×10^{-4}	17%
Vinyl chloride	4.5×10^{-5}	2.6×10^{-6}	NC	1.1×10^{-4}	7.9×10^{-6}	1.7×10^{-4}	5%
Americium-241	5.0×10^{-6}	NC	NC	1.3×10^{-6}	3.7×10^{-6}	1.0×10^{-5}	<1%
Neptunium-237	2.3×10^{-6}	NC	NC	6.1×10^{-7}	7.7×10^{-7}	3.7×10^{-6}	<1%
Technetium-99	1.1×10^{-6}	NC	NC	7.3×10^{-7}	1.2×10^{-5}	1.4×10^{-5}	<1%
Pathway Total	2.5×10^{-4}	2.3×10^{-4}	5.8×10^{-6}	2.4×10^{-4}	2.5×10^{-3}		
% of Total	8%	7%	<1%	8%	78%	**3.2×10^{-3}**	
Outside and West of Plume Well Group							
Aluminum	NC	NC	NC	NC	NC	NV	NV
Nitrate as Nitrogen	NC	NC	NC	NC	NC	NV	NV
Silicon	NC	NC	NC	NC	NC	NV	NV
Bis(2-ethylhexyl)phthalate	1.5×10^{-6}	NC	1.3×10^{-6}	1.7×10^{-8}	6.5×10^{-6}	9.3×10^{-6}	25%
Uranium-234	2.4×10^{-6}	NC	NC	5.4×10^{-7}	1.4×10^{-7}	3.1×10^{-6}	8%
Uranium-238	5.3×10^{-6}	NC	NC	1.9×10^{-5}	4.6×10^{-7}	2.5×10^{-5}	66%
Pathway Total	9.1×10^{-6}	NV	1.3×10^{-6}	2.0×10^{-5}	7.1×10^{-6}		
% of Total	24%	NV	3%	53%	19%	**3.7×10^{-5}**	
Near Shawnee Steam Plant Well Group							
Aluminum	NC	NC	NC	NC	NC	NV	NV
Arsenic	3.8×10^{-4}	NC	NC	9.1×10^{-5}	1.5×10^{-4}	6.2×10^{-4}	50%
Barium	NC	NC	NC	NC	NC	NV	NV
Manganese	NC	NC	NC	NC	NC	NV	NV
Nickel	NC	NC	NC	NC	NC	NV	NV
Sulfate	NC	NC	NC	NC	NC	NV	NV
Bis(2-ethylhexyl)phthalate	1.6×10^{-6}	NC	1.5×10^{-6}	1.9×10^{-8}	7.2×10^{-6}	1.0×10^{-5}	<1%
Carbon disulfide	NC	NC	NC	NC	NC	NV	NV
Vinyl chloride	1.8×10^{-4}	1.0×10^{-5}	NC	3.8×10^{-4}	3.2×10^{-5}	6.0×10^{-4}	48%
Technetium-99	1.9×10^{-6}	NC	NC	1.1×10^{-6}	1.8×10^{-5}	2.1×10^{-5}	2%
Pathway Total	5.6×10^{-4}	1.0×10^{-5}	1.5×10^{-6}	4.7×10^{-4}	2.1×10^{-4}		
% of Total						**1.3×10^{-3}**	
Near Ohio River							
1,1,2-Trichloroethane	4.7×10^{-6}	1.1×10^{-7}	3.1×10^{-7}	2.3×10^{-6}	4.9×10^{-6}	1.2×10^{-5}	100%
Pathway Total	4.7×10^{-6}	1.1×10^{-7}	3.1×10^{-7}	2.3×10^{-6}	4.9×10^{-6}		
% of Total	38%	<1%	3%	19%	40%	**1.2×10^{-5}**	

526580

Notes: Only chemicals identified as chemicals of potential concern under current conditions (COPCs) are shown.
NC indicates that the chemical is not a carcinogen for the pathway in DOE 1994c.
NV indicates that a value cannot be calculated.

[a] Some values also taken from information in App. E of DOE 1994c.

[b] Exposure route = inhalation of volatiles emitted by groundwater during household use.

[c] Exposure route = dermal exposure to chemicals in groundwater while bathing and swimming.

[d] Exposure route = consumption of vegetable irrigated with groundwater.

[e] Exposure route = sum of risks from consumption of meat and milk from cows drinking groundwater and eating pasture irrigated with groundwater, consumption of venison from deer drinking groundwater and eating pasture irrigated with groundwater, and consumption of fish raised in ponds filled with groundwater.

[f] Includes risk from ingestion of soil contaminated though irrigation with groundwater.

525581

Table 1.11 Hazard indices from chemicals in RGA groundwater–residential use [compiled[a] from information in App. H of *Baseline Risk Assessment and Technical Investigation Report for the Northwest Dissolved Phase Plume, Paducah Gaseous Diffusion Plant* (DOE 1994c)]

Chemical	Ingestion	Inhalation[b]	Dermal Contact[c]	Vegetables[d]	Biota[e]	Chemical Total[f]	% of Total
Plume Centroid Well Group							
Copper	0.06	NR	NR	0.02	0.31	0.39	6%
Lead	NR	NR	NR	NR	NR	NV	NV
Manganese	1.23	NR	0.16	0.02	0.48	1.89	31%
Silicon	NR	NR	NR	NR	NR	NV	NV
Sulfide	NR	NR	NR	NR	NR	NV	NV
Tungsten	NR	NR	NR	NR	NR	NV	NV
Bis(2-chloroethyl)ether	NR	NR	NR	NR	NR	NV	NV
Bromodichloromethane	0.01	NR	NR	0.01	0.01	0.03	<1%
Carbon tetrachloride	1.96	NR	0.03	0.77	0.90	3.66	61%
Chloroform	0.01	NR	<0.01	0.01	<0.01	0.02	<1%
Dibromochloromethane	<0.01	NR	NR	<0.01	<0.01	<0.01	<1%
Trichloroethene	NR	NR	NR	NR	NR	NV	NV
Vinyl chloride	NR	NR	NR	NR	NR	NV	NV
Americium-241	NR	NR	NR	NR	NR	NV	NV
Plutonium-239	NR	NR	NR	NR	NR	NV	NV
Technetium-99	NR	NR	NR	NR	NR	NV	NV
Uranium-234	NR	NR	NR	NR	NR	NV	NV
Uranium-238	NR	NR	NR	NR	NR	NV	NV
Pathway Total	3.29	NV	0.19	0.84	1.71		
% of Total	55%	NV	3%	14%	28%	**6.03**	
Dissolved Plume Well Group							
Aluminum	NR	NR	NR	NR	NR	NV	NV
Manganese	4.94	NR	0.64	0.05	1.93	7.56	47%
Reactive Silica	NR	NR	NR	NR	NR	NV	NV
Silicon	NR	NR	NR	NR	NR	NV	NV
Sulfate	NR	NR	NR	NR	NR	NV	NV
Tungsten	NR	NR	NR	NR	NR	NV	NV
1,1,2-Trichloroethane	0.14	NR	<0.01	0.08	0.15	0.37	2%
1,2-Dichloroethane	NR	NR	NR	NR	NR	NV	NV
4-Nitrophenol	NR	NR	NR	NR	NR	NV	NV
Bis(2-ethylhexyl)phthalate	0.02	NR	0.01	<0.01	0.07	0.10	<1%
Bromodichloroethane	0.02	NR	NR	0.01	0.01	0.04	<1%
Carbon disulfide	<0.01	0.02	<0.01	<0.01	<0.01	0.02	<1%
Carbon tetrachloride	0.51	NR	0.07	0.23	0.23	1.04	6%

526582

526533

Table 2.1 Sampling stations used in the GWOU BHHRA listed by area assignment

Area l				Area m						
Area a	Area b	Area c	Area d	Area e	Area f	Area g	Area h	Area i	Area j	Area k
n=55	n=94	n=55	n=119	n=38	n=64	n=28	n=57	n=64	n=5	n=43
011-008	EW230	099-005	001-173	EW228	099-019	MW106	193-15	J19	TVA D-05	08-SB-001
026-001	EW231	099-008	001-175	EW229	099-022	MW140	193-2	J21	TVA D-07	33-SB-001
040-001	GWW-01	099-011	001-176	HV004	099-025	MW141	193-6	MW132	TVA D-08	34-SB-001
040-009	GWW-02	099-014	001-177	HV009	099-029	MW142	204-06	MW133	TVA D-13	57-SB-001
203-001	GWW-03	099-030	001-178	J22	204-01	MW143	204-07	MW135	TVA D-23	57-SB-002
203-005	HV015	099-031	001-180	J24	204-02	MW194	204-08	MW137	TVA D-30	57-SB-003
400-003	HV020	099-032	001-181	J25	204-029	MW195	204-09	MW138		57-SB-004
400-016	HV171	099-033	001-182	J3	204-03	MW199	204-10	MW139		57-SB-005
400-017	J40	099-034	001-183	J6	204-031	R10	204-11	MW16		57-SB-006
400-018	J41	099-035	001-184	J7	204-04	R12	204-12	MW17		57-SB-007
400-021	J42	099-037	091-001	MW121	204-05	R13	204-14	MW173		94-SB-001
400-025	J43	193-022	091-002	MW123	204-13	R14	MW100	MW174		94-SB-002
400-026	J44	193-023	099-038	MW125	204-15	R19	MW120	MW179		94-SB-003
400-027	J49	193-025	100-SB-001	MW127	204-16	R22	MW129	MW18		94-SB-004
400-033	J50	193-1	100-SB-002	MW134	204-17	R222	MW130	MW180		94-SB-005
400-034	MW154	193-10	100-SB-003	MW146	204-18	R24	MW131	MW181		94-SB-006
400-035	MW169	193-13	100-SB-004	MW147	204-20	R25	MW150	MW182		94-SB-007
400-036	MW170	193-14	100-SB-005	MW152	204-22	R26	MW151	MW19		94-SB-008
400-037	MW171	193-16	100-SB-006	MW20	MW122	R28	MW191	MW197		94-SB-010
400-038	MW172	193-17	100-SB-007	MW201	MW124	R39	MW192	MW198		95-SB-007
400-039	MW185	193-3	100-SB-008	MW202	MW126	R393	P4-C10	MW200		MW184
400-040	MW186	193-4	100-SB-009	MW233	MW128	R40	PZ101	MW21		MW196
400-041	MW187	193-7	100-SB-010	MW234	MW144	R5	R112	MW220		MW300
400-042	MW190	204-26	100-SB-011	MW235	MW145	R53	R114	MW221		MW301
400-043	MW2	204-27	193-028	MW236	MW148	R54	R20	MW222		MW302
400-044	MW22	MW163	193-031	MW237	MW149	R69	R23	MW223		MW305
400-045	MW226	MW164	193-032	MW238	MW193	R80	R254	MW224		MW306
400-046	MW242	MW165	193-041	MW239	MW258	R81	R278	MW225		MW307
400-047	MW243	MW166	193-049	MW240	MW283		R293	MW263		MW308
400-048	MW244	MW167	193-18	MW241	MW284		R294	MW264		MW309

575536

Table 2.1 Sampling stations used in the GWOU BHHRA listed by area assignment (continued)

Area l				Area m						
Area a	Area b	Area c	Area d	Area e	Area f	Area g	Area h	Area i	Area j	Area k
400-049	MW245	MW168	193-20	R113	MW288		R297	MW265		MW310
400-052	MW246	MW205	36-SB-001	R2	MW291		R302	MW266		MW311
400-053	MW247	MW206	36-SB-002	TVA D-03	MW292		R368	MW267		MW317
400-063	MW248	MW255	36-SB-003	TVA D-09	MW293		R381	MW268		MW318
400-083	MW249	MW256	36-SB-004	TVA D-14	MW294		R382	MW269		R105
400-206	MW250	MW260	36-SB-005	TVA D-24	MW352		R383	MW270		R253
400-207	MW257	P4-E1	38-SB-002	TVA D-25	P4-A2		R384	MW271		R407
400-208	MW261	P4-E2	38-SB-003	TVA D-27	P4-A3		R386	MW272		R509
400-210	MW262	P4-E4	38-SB-004		P4-B3		R387	MW273		R510
400-212	MW333	P4-E6	38-SB-005		P4-B4		R392	MW274		R512
400-213	MW337	P4-E8	38-SB-006		P4-B5		R41	MW275		R544
400-214	MW338	P4-F1	38-SB-007		P4-C2		R42	MW276		R6
400-215	MW339	P4-F2	38-SB-009		P4-C4		R424	MW277		R66
MW155	MW340	P4-F3	720-002		P4-C5		R424-PRT1	MW353		
MW156	MW46	P4-F4	720-003		P4-C7		R424-PRT3	MW38		
MW157	MW47	P4-F5	720-010		P4-C9		R432	MW39		
MW175	MW48	P4-F6	720-011		P4-D10		R432-PRT1	MW40		
MW178	MW50	P4-F7	720-012		P4-D11		R432-PRT2	MW41		
MW219	MW51	P4-F8	720-013		P4-D12		R432-PRT3	MW42		
MW341	MW52	P4-G5	720-014		P4-D12A		R454	MW43		
MW342	MW53	P4-G7	720-015		P4-D4		R516	MW44		
MW343	MW54	P4-G8	720-016		P4-D5		R79	MW98		
P4-G1	MW57	P4-H1	720-017		P4-D6		R8	MW99		
P4-G2	MW63	P4-H6	720-018		P4-D7		R88	PZ278		
026-002	MW64	PZ107	720-019		P4-D8		R89	PZ279		
	MW65		720-022		P4-D9		R9	PZ280		
	MW66		720-024		P4-E7		R90	PZ281		
	MW67		720-026		PZ287			PZ282		
	MW84		720-028		PZ289			R21		
	MW85		720-029		R31			R600		
	MW86		95-SB-001		SB39			R72		

526535

Table 2.1 Sampling stations used in the GWOU BHHRA listed by area assignment (continued)

Area l				Area m						
Area a	Area b	Area c	Area d	Area e	Area f	Area g	Area h	Area i	Area j	Area k
	MW87		95-SB-003		SB40			R82		
	MW88		95-SB-004		SB46			R83		
	MW89		95-SB-005		SB47			R84		
	MW90		95-SB-006							
	MW91		95-SB-008							
	MW92		95-SB-009							
	MW93		95-SB-010							
	MW94		95-SB-011							
	MW95		MW102							
	P4-G11		MW103							
	P4-G12		MW104							
	P4-G9		MW158							
	PZ334		MW159							
	PZ335		MW160							
	PZ336		MW161							
	PZ74		MW162							
	SB-38		MW188							
	SWMU2-10		MW189							
	SWMU2-13		MW203							
	SWMU2-16		MW204							
	SWMU2-17		MW207							
	SWMU2-3		MW208							
	SWMU2-5		MW209							
	SWMU2-9		MW212							
	WB-1		MW213							
	WB-12		MW214							
	WB-13		MW215							
	WB-4		MW216							
	WB-5		MW217							
	WB-7		MW218							
	WB-8		MW227							

Table 2.1 Sampling stations used in the GWOU BHHRA listed by area assignment (continued)

Area l				Area m						
Area a	Area b	Area c	Area d	Area e	Area f	Area g	Area h	Area i	Area j	Area k
	WB-9		MW303							
			MW304							
			MW312							
			MW313							
			MW314							
			MW315							
			MW316							
			MW325							
			MW326							
			MW327							
			MW328							
			MW329							
			MW330							
			MW344							
			MW68							
			MW69							
			MW70							
			MW71							
			MW96							
			P4-G3							
			P4-H5							
			P4-H7							
			PZ115							
			PZ117							
			PZ118							
			W108							

Area n contains all sample stations.

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit

UCRS					
HU 1		HU2 (continued)		HU2 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
n=26					
203-005	203005WA015	099-031	099031WA043C	400-003	400003WP040
204-13	1021915-OR161	099-032	099032WA044C	400-016	400016WP040
204-18	1021915-OR183	099-033	099033WA046C	400-017	400017WP040
204-22	1021915-OR203	100-SB-001	10-HP-001-01-M	400-018	400018WA040
204-22	1021915-OR203D	100-SB-002	10-HP-002-01-M	400-021	400021WP040
720-002	720002WA015	100-SB-003	10-HP-003-01-M	400-025	400025WP040
MW182	4919-94	100-SB-003	10-HP-503-01-M	400-026	400026WP040
MW182	5298-98	100-SB-004	10-HP-004-01-M	400-027	400027WP040
MW182	5320-97	100-SB-005	10-HP-005-01-M	400-033	400033WP040
MW182	5565-93	100-SB-006	10-HP-006-01-M	400-063	400063WP040
MW182	5840-96	100-SB-007	10-HP-007-01-M	720-003	720003WA015
MW182	5873-94	100-SB-008	10-HP-008-01-M	720-011	720011WA035
MW182	6338-95	100-SB-008	10-HP-508-01-M	720-024	720024WA015
MW182	6699-94	100-SB-009	10-HP-009-01-M	GWW-01	P01611
MW182	6714-93	100-SB-010	10-HP-010-01-M	GWW-02	P02611
MW182	7430-94	100-SB-011	10-HP-011-01-M	GWW-03	P03611
MW182	7826-93	193-17	1110101-0072	J44	1110505-98
P4-D6	1110101-0600	193-18	1110101-0043	J50	110505-39
WB-1	W01611	203-001	203001WP040	MW128	4891-94
WB-12	W12611	204-01	1021915-OR87	MW128	5258-93
WB-13	W13611	204-02	1021915-OR250	MW128	5542-94
WB-4	W04611	204-03	1021915-OR103	MW128	6481-94
WB-5	W05611	204-031	204031WA025C	MW128	6616-95
WB-7	W07611	204-14	1021915-OR267	MW128	6686-93
WB-8	W08611	204-15	1021915-OR257	MW128	7209-94
WB-9	W09611	204-15	1021915-OR258	MW128	7810-93
		204-17	1021915-OR228	MW143	4237-94
HU2		204-20	1021915-OR230	MW143	5158-93
Station Name	Sample ID	36-SB-001	36-HP-001-01-M	MW143	5207-94
n=748		36-SB-001	36-HP-501-01-M	MW143	6062-94
011-008	011008WP040	36-SB-002	36-HP-002-01-M	MW143	6100-93
026-002	026002WP040	36-SB-003	36-HP-003-01-M	MW143	6876-94
040-001	040001WP040	36-SB-004	36-HP-004-01-M	MW143	7093-93
040-009	040009WA040	36-SB-004	36-HP-504-01-M	MW154	4436-93
099-019	099019WA045	36-SB-005	36-HP-005-01-M	MW154	4793-94
099-019	099019WA045-45	38-SB-002	38-HP-002-01-M	MW154	5132-94
099-019	099019WA045-5	38-SB-003	38-HP-003-01-M	MW154	5136-98
099-022	099022WA054	38-SB-004	38-HP-004-01-M	MW154	5136-98FILT45
099-025	099025WA050	38-SB-005	38-HP-005-01-M	MW154	5136-98FILT5
099-029	099029WA045C	38-SB-006	38-HP-006-01-M	MW154	5587-93
099-029	099029WD045C	38-SB-007	38-HP-007-01-M	MW154	5688-94
099-030	099030WA043C	38-SB-009	38-HP-009-01-M	MW154	6505-94

526537

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU2 (continued)		HU2 (continued)		HU2 (continued)	
Station Name	**Sample ID**	**Station Name**	**Sample ID**	**Station Name**	**Sample ID**
MW154	6768-93	MW162	7519-93	MW174	5715-98
MW154	7219-94	MW164	4616-94	MW174	5829-97
MW154	7728-93	MW164	5327-94	MW174	5942-96
MW154	M15411	MW164	5517-93	MW174	6145-96
MW157	011011WA040	MW164	6264-94	MW174	6366-96
MW157	4304-94	MW164	7527-93	MW174	6513-94
MW157	4408-94	MW167	4424-94	MW174	6664-95
MW157	4903-94	MW167	5339-94	MW174	6706-93
MW157	5223-94	MW167	5423-93	MW174	7227-94
MW157	5377-97	MW167	6276-94	MW174	7513-95
MW157	5411-94	MW167	6336-93	MW174	7818-93
MW157	5677-94	MW167	6912-94	MW186	1110205-01
MW157	5976-93	MW167	7388-93	MW186	1110205-02
MW157	6289-95	MW170	4624-94	MW186	1110205-05
MW157	6384-93	MW170	5427-94	MW186	1110205-06
MW157	6676-95	MW170	5435-93	MW186	1110205-07
MW157	6698-93	MW170	6288-94	MW186	1110205-08
MW157	7315-93	MW170	6445-93	MW186	1110205-09
MW157	7376-93	MW170	6924-94	MW186	1110205-10
MW157	7906-93	MW170	7535-93	MW186	1110205-12
MW16	4000-94	MW171	4432-94	MW186	1110205-13
MW16	4009-93	MW171	5431-94	MW186	1110205-14
MW16	4369-93	MW171	5439-93	MW186	1110205-15
MW16	4632-93	MW171	6292-94	MW186	1110205-16
MW16	4875-93	MW171	6344-93	MW186	1110205-17
MW16	5046-94	MW171	7059-94	MW186	1110205-18
MW16	5785-94	MW171	7396-93	MW186	1110205-19
MW16	6139-93	MW172	4436-94	MW186	1110205-20
MW16	6906-93	MW172	5435-94	MW186	4328-94
MW160	4580-93	MW172	5443-93	MW186	4632-94
MW160	4600-94	MW172	6296-94	MW186	4951-94
MW160	5319-94	MW172	6348-93	MW186	5080-98
MW160	6248-94	MW172	7063-94	MW186	5134-97
MW160	6425-93	MW172	7400-93	MW186	5138-93
MW160	6890-93	MW174	4911-94	MW186	5163-94
MW160	6948-94	MW174	5158-97	MW186	5279-98
MW160	6952-94	MW174	5161-98	MW186	5329-96
MW160	7511-93	MW174	5340-98	MW186	5351-94
MW162	4608-94	MW174	5395-97	MW186	5475-98
MW162	5277-93	MW174	5536-93	MW186	5547-97
MW162	5419-94	MW174	5549-96	MW186	5661-94
MW162	6256-94	MW174	5632-97	MW186	5679-95
MW162	6433-93	MW174	5671-95	MW186	5680-98
MW162	6956-94	MW174	5703-94	MW186	5779-97

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU2 (continued)		HU2 (continued)		HU2 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW186	5842-96	MW187	6558-94	MW2	6889-93
MW186	5989-94	MW187	6566-93	MW204	4729-94
MW186	6071-96	MW187	6826-94	MW204	5641-94
MW186	6208-94	MW187	6876-93	MW204	5673-93
MW186	6279-93	MW187	7079-94	MW204	6631-93
MW186	6280-96	MW187	7250-93	MW204	6731-94
MW186	6554-94	MW187	7252-94	MW204	7332-94
MW186	6562-93	MW187	7525-95	MW204	7914-93
MW186	6672-95	MW187	7696-93	MW207	4440-94
MW186	6822-94	MW187	7966-93	MW207	5359-94
MW186	6872-93	MW187	8347-95	MW207	5447-93
MW186	7075-94	MW187	M18711	MW207	5755-98
MW186	7246-93	MW189	4829-94	MW207	5755-98R
MW186	7248-94	MW189	5604-93	MW207	6388-93
MW186	7521-95	MW189	5772-94	MW207	6612-94
MW186	7692-93	MW189	6711-94	MW207	7157-94
MW186	7970-93	MW189	6804-93	MW207	7404-93
MW186	8343-95	MW189	7398-94	MW208	5451-93
MW186	M18611	MW189	7764-93	MW208	5756-98
MW187	4320-94	MW190	4923-94	MW208	5756-98R
MW187	4636-94	MW190	5654-93	MW209	5455-93
MW187	4955-94	MW190	5711-94	MW212	4652-94
MW187	5081-98	MW190	6517-94	MW212	5363-94
MW187	5135-97	MW190	6718-93	MW212	5467-93
MW187	5142-93	MW190	7402-94	MW212	5757-98
MW187	5167-94	MW190	7830-93	MW212	6304-94
MW187	5280-98	MW192	4931-94	MW212	6461-93
MW187	5309-97	MW192	5091-98	MW212	7161-94
MW187	5333-96	MW192	5551-97	MW212	7416-93
MW187	5355-94	MW192	5591-94	MW213	4660-94
MW187	5378-97	MW192	5624-93	MW213	5367-94
MW187	5476-98	MW192	6079-96	MW213	5471-93
MW187	5500-93	MW192	6719-94	MW213	5758-98
MW187	5548-97	MW192	6726-93	MW213	6308-94
MW187	5665-94	MW192	7201-95	MW213	6465-93
MW187	5681-98	MW192	7410-94	MW213	6587-94
MW187	5683-95	MW192	7838-93	MW213	7165-94
MW187	5780-97	MW195	4837-94	MW213	7420-93
MW187	5843-96	MW195	5636-93	MW214	4680-94
MW187	5993-94	MW195	5649-94	MW214	5371-94
MW187	6072-96	MW195	6745-94	MW214	5475-93
MW187	6212-94	MW195	6749-94	MW214	6528-93
MW187	6281-96	MW195	7772-93	MW214	6616-94
MW187	6283-93	MW198	5238-93	MW214	7083-94

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU2 (continued)		HU2 (continued)		HU2 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW214	7551-93	MW237	5750-97	MW246	7134-95
MW215	4684-94	MW237	5803-96	MW246	7258-95
MW215	5375-94	MW237	5860-96	MW246	7389-95
MW215	5479-93	MW237	5914-96	MW246	7948-95
MW215	6312-94	MW237	6005-96	MW246	8064-95
MW215	6532-93	MW237	6035-95	MW246	8193-95
MW215	6583-94	MW237	6040-96	MW303	08-GW-303-01-F
MW215	7087-94	MW237	6135-95	MW303	5100-98
MW215	7555-93	MW237	6162-96	MW303	5107-97
MW216	4656-94	MW237	6250-96	MW303	5351-97
MW216	5456-94	MW237	6306-96	MW303	5352-97
MW216	5476-94	MW237	6358-95	MW303	5444-96
MW216	5483-93	MW237	6393-96	MW303	5561-95
MW216	6469-93	MW246	5047-97	MW303	5567-97
MW216	6620-94	MW246	5122-97	MW303	5806-97
MW216	7091-94	MW246	5179-97	MW303	5807-97
MW216	7559-93	MW246	5200-98	MW303	5877-96
MW218	5226-98	MW246	5238-96	MW303	5882-96
MW218	5459-93	MW246	5272-97	MW303	6058-96
MW219	4664-94	MW246	5338-97	MW303	6287-96
MW219	5464-94	MW246	5380-98	MW303	6288-96
MW219	5484-94	MW246	5412-96	MW303	7082-95
MW219	5491-93	MW246	5416-97	MW303	7451-95
MW219	5759-98	MW246	5523-97	MW303	8261-95
MW219	5760-98	MW246	5569-98	MW304	36-GW-304-01-F
MW219	5762-98	MW246	5582-97	MW312	95-GW-312-01-F
MW219	6473-93	MW246	5644-98	MW312	95-GW-312-01-F1
MW219	6628-94	MW246	5663-98	MW313	95-GW-313-01-D
MW219	7173-94	MW246	5667-97	MW313	95-GW-313-01-F
MW219	7567-93	MW246	5675-96	MW313	95-GW-313-01-F1
MW237	5038-97	MW246	5759-97	MW313	95-GW-313-01-F2
MW237	5113-97	MW246	5812-96	MW315	10-GW-315-01-F
MW237	5170-97	MW246	5869-96	MW316	38-GW-316-01-F
MW237	5191-98	MW246	5923-96	MW316	38-GW-316-01-F1
MW237	5263-97	MW246	6014-96	MW316	38-GW-316-01-F2
MW237	5329-97	MW246	6049-96	MW47	4342-93
MW237	5371-98	MW246	6059-96	MW47	4463-93
MW237	5407-97	MW246	6071-95	MW47	4775-93
MW237	5514-97	MW246	6171-95	MW57	4251-93
MW237	5559-98	MW246	6171-96	MW64	4259-93
MW237	5573-97	MW246	6259-96	MW64	4391-94
MW237	5635-98	MW246	6315-96	MW64	5025-93
MW237	5639-96	MW246	6402-96	MW64	5383-94
MW237	5658-97	MW246	6504-95	MW64	5608-97

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU2 (continued)		HU2 (continued)		HU2 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW64	6232-94	MW85	6401-94	MW88	6208-93
MW64	6320-93	MW85	6798-95	MW88	6220-96
MW64	6936-94	MW85	6867-95	MW88	6328-94
MW64	7356-93	MW85	6936-95	MW88	6413-94
MW64	M06401	MW85	6993-93	MW88	6810-95
MW69	4581-93	MW85	7005-95	MW88	6879-95
MW69	5190-93	MW85	7125-93	MW88	6948-95
MW69	5753-98	MW85	7429-93	MW88	7005-93
MW69	6292-93	MW85	7604-93	MW88	7017-95
MW69	7234-93	MW85	7633-95	MW88	7137-93
MW85	4086-94	MW85	7700-95	MW88	7441-93
MW85	4153-94	MW85	7768-95	MW88	7616-93
MW85	4164-93	MW85	7836-95	MW88	7712-95
MW85	4452-94	MW88	4098-94	MW88	7780-95
MW85	4518-94	MW88	4165-94	MW88	7848-95
MW85	4830-93	MW88	4176-93	MW91	4110-94
MW85	4931-93	MW88	4464-94	MW91	4177-94
MW85	5004-95	MW88	4530-94	MW91	4188-93
MW85	5004-98	MW88	4842-93	MW91	4476-94
MW85	5020-97	MW88	4943-93	MW91	4542-94
MW85	5069-95	MW88	5007-98	MW91	4795-93
MW85	5135-95	MW88	5023-97	MW91	4955-93
MW85	5200-95	MW88	5025-96	MW91	5010-98
MW85	5226-97	MW88	5229-97	MW91	5024-95
MW85	5347-93	MW88	5359-93	MW91	5026-97
MW85	5402-98	MW88	5381-95	MW91	5037-96
MW85	5465-97	MW88	5385-95	MW91	5089-95
MW85	5496-96	MW88	5389-95	MW91	5155-95
MW85	5695-97	MW88	5393-95	MW91	5220-95
MW85	5706-93	MW88	5405-98	MW91	5232-97
MW85	5710-95	MW88	5468-97	MW91	5371-93
MW85	5772-93	MW88	5698-97	MW91	5408-98
MW85	5772-95	MW88	5718-93	MW91	5471-97
MW85	5837-95	MW88	5784-93	MW91	5701-97
MW85	5838-93	MW88	5850-93	MW91	5730-93
MW85	5887-96	MW88	5890-96	MW91	5730-95
MW85	5899-94	MW88	5911-94	MW91	5792-95
MW85	5902-95	MW88	5987-96	MW91	5796-93
MW85	5984-96	MW88	6030-93	MW91	5857-95
MW85	6018-93	MW88	6094-94	MW91	5862-93
MW85	6082-94	MW88	6193-95	MW91	5893-96
MW85	6196-93	MW88	6197-95	MW91	5922-95
MW85	6217-96	MW88	6201-95	MW91	5923-94
MW85	6316-94	MW88	6205-95	MW91	5990-96

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU2 (continued)		HU2 (continued)		HU2 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW91	6052-93	MW94	5934-95	P4-D7	1110101-0202
MW91	6106-94	MW94	5935-94	P4-D8	1110101-0212
MW91	6220-93	MW94	5993-96	P4-D9	1110101-0611
MW91	6223-96	MW94	6064-93	P4-E2	1110101-0293
MW91	6336-94	MW94	6118-94	P4-E6	1110101-0271
MW91	6425-94	MW94	6226-96	P4-E7	1110101-0759
MW91	6822-95	MW94	6232-93	P4-G2	1110101-0319
MW91	6891-95	MW94	6352-94	P4-H1	1110101-0765
MW91	6960-95	MW94	6437-94	P4-H1	1110101-0766
MW91	7017-93	MW94	6834-95	PZ278	5375-95
MW91	7029-95	MW94	6903-95	PZ278	6262-95
MW91	7149-93	MW94	6972-95	PZ278	6271-95
MW91	7453-93	MW94	7029-93	PZ279	5376-95
MW91	7628-93	MW94	7041-95	PZ279	6263-95
MW91	7724-95	MW94	7161-93	PZ279	6272-95
MW91	7792-95	MW94	7465-93	PZ280	5377-95
MW91	7860-95	MW94	7640-93	PZ281	5378-95
MW94	4123-94	MW94	7736-95	PZ281	6273-95
MW94	4189-94	MW94	7804-95	PZ282	5379-95
MW94	4200-93	MW94	7872-95	PZ334	5150-98
MW94	4488-94	MW96	4122-93	PZ334	5150-98FILT45
MW94	4558-94	MW96	4556-93	PZ334	5150-98FILT5
MW94	4807-93	MW96	4588-94	PZ335	5151-98
MW94	4967-93	MW96	5021-98	PZ335	5151-98FILT45
MW94	5013-98	MW96	5137-97	PZ335	5151-98FILT5
MW94	5029-97	MW96	5198-93	PZ336	5152-98
MW94	5036-95	MW96	5277-96	PZ336	5152-98FILT45
MW94	5049-96	MW96	5391-94	PZ336	5152-98FILT5
MW94	5101-95	MW96	5436-95	PZ74	5149-98
MW94	5167-95	MW96	5488-94	PZ74	5149-98FILT45
MW94	5232-95	MW96	5754-98	PZ74	5149-98FILT5
MW94	5235-97	MW96	5754-98R	PZ74	M07411
MW94	5383-93	MW96	5761-98	SWMU2-10	S10611
MW94	5411-98	MW96	6300-94	SWMU2-17	S17611
MW94	5446-94	MW96	6579-94	SWMU2-3	S03611
MW94	5474-97	MW96	6734-93	SWMU2-9	S09611
MW94	5704-97	MW96	6944-94		
MW94	5742-93	MW96	7700-93		
MW94	5742-95	P4-C5	1110101-0240		
MW94	5804-95	P4-C7	1110101-0654		
MW94	5808-93	P4-D12	1110101-0258		
MW94	5869-95	P4-D12	1110101-0259		
MW94	5874-93	P4-D12A	1110101-0665		
MW94	5896-96	P4-D7	1110101-0200		

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Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU3		HU3 (continued)	
Station Name	**Sample ID**	**Station Name**	**Sample ID**
n=80			
001-173	001173WA050	MW18	4644-93
193-028	193028WA040	MW18	4873-93
400-049	400049WA055	MW18	5054-94
400-083	400083WP040	MW18	5793-94
720-011	720011WA060	MW18	6150-93
720-022	720022WA015	MW18	6914-93
J41	1110505-63	MW180	4817-94
J42	1110505-116	MW180	5297-98
MW127	4887-94	MW180	5319-97
MW127	5218-93	MW180	5557-93
MW127	5538-94	MW180	5839-96
MW127	6477-94	MW180	5865-94
MW127	6682-93	MW180	6334-95
MW127	7288-94	MW180	6691-94
MW127	7806-93	MW180	6792-93
MW138	4777-94	MW180	7752-93
MW138	5210-93	MW19	4012-94
MW138	5624-94	MW19	4021-93
MW138	6760-93	MW19	4393-93
MW138	7304-94	MW19	4689-93
MW138	7720-93	MW19	4876-93
MW166	4420-94	MW19	5058-94
MW166	5156-97	MW19	5797-94
MW166	5159-98	MW19	5936-93
MW166	5335-94	MW19	6918-93
MW166	5338-98	MW19	7261-93
MW166	5393-97	MW217	4444-94
MW166	5419-93	MW217	5460-94
MW166	5940-96	MW217	5480-94
MW166	6332-93	MW217	5487-93
MW166	6364-96	MW217	6400-93
MW166	7384-93	MW217	6624-94
MW17	4004-94	MW217	7169-94
MW17	4013-93	MW217	7563-93
MW17	4373-93	P4-F5	1110101-0826
MW17	4665-93	P4-H5	1110101-0791
MW17	5050-94	SWMU2-9	S09612
MW17	5789-94		
MW17	5916-93		
MW17	6910-93		
MW18	4008-94		
MW18	4017-93		
MW18	4377-93		

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

RGA					
HU4		HU4 (continued)		HU4 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
n=209					
001-184	001184WA055	MW104	5948-93	MW156	1110202-122
099-005	099005WA054	MW104	6030-94	MW156	1110202-123
099-008	099008WA054	MW104	6778-94	MW156	1110202-138
099-011	099011WA047	MW104	7303-93	MW156	1110202-141
099-014	099014WA051	MW149	4721-94	MW156	1110202-144
099-035	099035WA065C	MW149	5574-94	MW156	1110202-148
099-035	099035WA065C-45	MW149	5583-93	MW156	1110202-158
099-035	099035WA065C-5	MW149	6497-94	MW156	1110202-161
099-038	099038WA025C	MW149	6603-93	MW156	1110202-164
193-022	193022WA051	MW149	7362-94	MW156	1110202-166
193-032	193032WA070	MW149	7886-93	MW156	1110202-167
193-041	193041WA025C	MW156	011010WA070	MW156	1110202-171
193-041	193041WA025C-45	MW156	1110202-001	MW156	1110202-175
193-041	193041WA025C-5	MW156	1110202-006	MW156	1110202-177
193-041	193041WA080C	MW156	1110202-008	MW156	1110202-178
193-041	193041WA080C-45	MW156	1110202-010	MW156	1110202-181
193-041	193041WA080C-5	MW156	1110202-013	MW156	1110202-184
193-041	193041WD080C	MW156	1110202-014	MW156	1110202-185
193-041	193041WD080C-45	MW156	1110202-016	MW156	1110202-187
193-041	193041WD080C-5	MW156	1110202-020	MW156	1110202-189
193-049	193049WA060C	MW156	1110202-041	MW156	1110202-192
204-031	204031WA070C	MW156	1110202-047	MW156	1110202-193
400-037	400037WA060	MW156	1110202-049	MW156	1110202-195
400-037	400037WA065	MW156	1110202-053	MW156	1110202-197
400-038	400038WA060	MW156	1110202-057	MW156	1110202-200
400-038	400038WA065	MW156	1110202-059	MW156	1110202-201
400-044	400044WA055	MW156	1110202-062	MW156	1110202-203
400-048	400048WA055	MW156	1110202-066	MW156	1110202-205
400-049	400049WA060	MW156	1110202-071	MW156	1110202-208
400-049	400049WA065	MW156	1110202-073	MW156	1110202-209
400-052	400052WA060	MW156	1110202-075	MW156	1110202-211
400-215	400215WA065	MW156	1110202-078	MW156	1110202-213
400-215	400215WA070	MW156	1110202-082	MW156	1110202-216
400-215	400215WA075	MW156	1110202-084	MW156	1110202-217
720-010	720010WA055	MW156	1110202-087	MW156	1110202-219
720-013	720013WA065	MW156	1110202-091	MW156	1110202-221
720-028	720028WA070	MW156	1110202-096	MW156	1110202-224
J43	1110505-76	MW156	1110202-098	MW156	1110202-225
J44	1110505-94	MW156	1110202-100	MW156	1110202-227
MW104	4276-94	MW156	1110202-112	MW156	1110202-229
MW104	5182-93	MW156	1110202-115	MW156	1110202-232
MW104	5191-94	MW156	1110202-118	MW156	1110202-233

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Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU4 (continued)		HU4 (continued)	
Station Name	**Sample ID**	**Station Name**	**Sample ID**
MW156	1110202-235	MW193	6723-94
MW156	1110202-237	MW193	6730-93
MW156	1110202-240	MW193	7205-95
MW156	1110202-242	MW193	7414-94
MW156	1110202-243	MW193	7842-93
MW156	1110202-245	MW353	MW353WA025C
MW156	1110202-248	MW70	4123-93
MW156	1110202-249	MW70	4555-93
MW156	1110202-251	MW71	4221-93
MW156	1110202-253	MW71	4279-93
MW156	4300-94	MW71	4340-94
MW156	4376-94	MW71	4554-93
MW156	4377-94	MW71	5020-98
MW156	4378-94	MW71	5136-97
MW156	4379-94	MW71	5179-94
MW156	4380-94	MW71	5194-93
MW156	4381-94	MW71	5273-96
MW156	4404-94	MW71	5432-95
MW156	4899-94	MW71	6018-94
MW156	5130-93	MW71	6296-93
MW156	5219-94	MW71	6860-94
MW156	5289-98	MW71	7238-93
MW156	5407-94	P4-A2	1110101-0685
MW156	5673-94	P4-B3	1110101-0715
MW156	5763-94	P4-B3	1110101-0716
MW156	5831-96	P4-B4	1110101-0729
MW156	5972-93	P4-E6	1110101-0272
MW156	6302-95	P4-F3	1110101-0391
MW156	6380-93	P4-F4	1110101-0881
MW156	6542-94	P4-F6	1110101-0355
MW156	6694-93	P4-G11	1110101-0774
MW156	6810-94	P4-G8	1110101-0371
MW156	7137-94	P4-H6	1110101-0767
MW156	7199-93	PZ107	1110101-0389
MW156	7372-93	PZ107	4858-93
MW156	7374-94	SWMU2-13	S13611
MW156	7902-93	SWMU2-3	S03612
MW193	4935-94	SWMU2-5	S05611
MW193	5092-98	SWMU2-5	S05612
MW193	5379-97		
MW193	5552-97		
MW193	5595-94		
MW193	5628-93		
MW193	6080-96		

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5		HU5 (continued)		HU5 (continued)	
Station Name	**Sample ID**	**Station Name**	**Sample ID**	**Station Name**	**Sample ID**
n=5,089					
001-175	001175WA060	001-180	001180WA075	026-001	026001WA070
001-175	001175WA065	001-180	001180WA080	026-001	026001WA075
001-175	001175WA070	001-180	001180WA085	026-001	026001WA080
001-175	001175WA075	001-180	001180WA090	026-001	026001WA085
001-175	001175WA080	001-180	001180WA095	026-001	026001WA090
001-175	001175WA085	001-180	001180WD070	026-001	026001WA095
001-175	001175WA090	001-181	001181WA055	091-001	091001WA065
001-175	001175WA095	001-181	001181WA060	091-001	091001WA070
001-175	001175WA100	001-181	001181WA065	091-001	091001WA075
001-175	001175WA105	001-181	001181WA070	091-001	091001WA080
001-175	001175WA110	001-181	001181WA075	091-001	091001WA085
001-175	001175WD075	001-181	001181WA080	091-001	091001WA090
001-176	001176WA060	001-181	001181WA085	091-001	091001WA095
001-176	001176WA065	001-181	001181WA090	091-001	091001WA100
001-176	001176WA070	001-181	001181WA095	091-001	091001WA105
001-176	001176WA075	001-181	001181WA100	091-001	091001WD085
001-176	001176WA080	001-181	001181WD080	091-002	091002WA065
001-176	001176WA085	001-182	001182WA070	091-002	091002WA070
001-176	001176WA090	001-182	001182WA075	091-002	091002WA075
001-176	001176WA095	001-182	001182WA080	091-002	091002WA085
001-176	001176WD080	001-182	001182WA085	091-002	091002WA090
001-177	001177WA065	001-182	001182WA090	091-002	091002WA095
001-177	001177WA070	001-182	001182WA095	091-002	091002WD085
001-177	001177WA075	001-182	001182WD070	099-034	099034WA075C
001-177	001177WA080	001-183	001183WA070	099-034	099034WA075C-45
001-177	001177WA085	001-183	001183WA075	099-034	099034WA075C-5
001-177	001177WA090	001-183	001183WA080	099-034	099034WA080C
001-177	001177WA095	001-183	001183WA085	099-034	099034WA080C-45
001-177	001177WD080	001-183	001183WA090	099-034	099034WA080C-5
001-177	001177WD085	001-183	001183WA095	099-034	099034WA085C
001-178	001178WA060	001-183	001183WD075	099-034	099034WA085C-45
001-178	001178WA065	001-184	001184WA060	099-034	099034WA085C-5
001-178	001178WA070	001-184	001184WA065	099-034	099034WA090C
001-178	001178WA075	001-184	001184WA070	099-034	099034WA090C-45
001-178	001178WA080	001-184	001184WA075	099-034	099034WA090C-5
001-178	001178WA085	001-184	001184WA080	099-034	099034WA095C
001-178	001178WA090	001-184	001184WA085	099-034	099034WA095C-45
001-178	001178WA095	001-184	001184WA090	099-034	099034WA095C-5
001-178	001178WA100	001-184	001184WA095	099-034	099034WA100C
001-178	001178WD090	001-184	001184WA100	099-034	099034WA100C-45
001-180	001180WA060	001-184	001184WD080	099-034	099034WA100C-5
001-180	001180WA065	026-001	026001WA060	099-034	099034WD075C
001-180	001180WA070	026-001	026001WA065	099-034	099034WD075C-45

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
099-034	099034WD075C-5	193-031	193031WA070	400-038	400038WA090
099-035	099035WA075C	193-031	193031WA075	400-038	400038WD085
099-035	099035WA075C-45	193-031	193031WA080	400-039	400039WA060
099-035	099035WA075C-5	193-031	193031WA085	400-039	400039WA065
099-035	099035WA080C	193-031	193031WD080	400-039	400039WA070
099-035	099035WA080C-45	193-032	193032WA075	400-039	400039WA075
099-035	099035WA080C-5	193-032	193032WA080	400-039	400039WA080
099-035	099035WA085C	193-032	193032WA085	400-039	400039WA085
099-035	099035WA085C-45	193-032	193032WA090	400-040	400040WA065
099-035	099035WA085C-5	193-041	193041WA085C	400-040	400040WA070
099-035	099035WA105C	193-041	193041WA085C-45	400-040	400040WA075
099-035	099035WA105C-45	193-041	193041WA085C-5	400-040	400040WA080
099-035	099035WA105C-5	193-041	193041WA090C	400-040	400040WA085
099-037	099037WA025C	193-041	193041WA095C	400-040	400040WD075
099-037	099037WA075C	193-20	1110101-0118	400-041	400041WA065
099-037	099037WA080C	204-031	204031WA085C	400-041	400041WA070
099-038	099038WA080C	204-031	204031WA090C	400-041	400041WA075
099-038	099038WA080C-45	204-031	204031WA095C	400-041	400041WA080
099-038	099038WA080C-5	400-034	400034WA060	400-042	400042WA065
099-038	099038WA090C	400-034	400034WA065	400-042	400042WA070
099-038	099038WA090C-45	400-034	400034WA070	400-042	400042WA075
099-038	099038WA090C-5	400-034	400034WA075	400-042	400042WA080
099-038	099038WA095C	400-034	400034WA080	400-042	400042WA085
099-038	099038WA095C-45	400-035	400035WA060	400-043	400043WA070
099-038	099038WA095C-5	400-035	400035WA065	400-043	400043WA075
099-038	099038WA100C	400-035	400035WA070	400-043	400043WA080
099-038	099038WA100C-45	400-035	400035WA075	400-044	400044WA060
099-038	099038WA100C-5	400-035	400035WA080	400-044	400044WA065
099-038	099038WD080C	400-035	400035WA085	400-044	400044WA070
099-038	099038WD080C-45	400-036	400036WA065	400-044	400044WA075
099-038	099038WD080C-5	400-036	400036WA070	400-044	400044WA080
193-023	193023WA071	400-036	400036WA075	400-044	400044WA085
193-023	193023WA071-45	400-036	400036WA080	400-045	400045WA065
193-023	193023WA071-5	400-036	400036WA085	400-045	400045WA070
193-025	193025WA040	400-036	400036WA090	400-045	400045WA075
193-025	193025WA070	400-037	400037WA070	400-045	400045WA080
193-025	193025WA075	400-037	400037WA075	400-045	400045WA085
193-025	193025WA080	400-037	400037WA080	400-045	400045WA090
193-025	193025WA085	400-037	400037WA085	400-045	400045WD080
193-025	193025WA090	400-037	400037WA090	400-046	400046WA060
193-025	193025WD075	400-038	400038WA070	400-046	400046WA065
193-028	193028WA080	400-038	400038WA075	400-046	400046WA070
193-028	193028WA085	400-038	400038WA080	400-046	400046WA075
193-028	193028WA090	400-038	400038WA085	400-046	400046WA080

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
400-046	400046WA085	400-213	400213WA070	720-014	720014WA075
400-047	400047WA060	400-213	400213WA075	720-014	720014WA080
400-047	400047WA065	400-213	400213WA080	720-014	720014WA085
400-047	400047WA070	400-213	400213WA085	720-014	720014WA090
400-047	400047WA075	400-213	400213WA090	720-014	720014WD070
400-047	400047WA080	400-214	400214WA065	720-015	720015WA065
400-047	400047WA085	400-214	400214WA070	720-015	720015WA070
400-048	400048WA060	400-214	400214WA075	720-015	720015WA075
400-048	400048WA065	400-214	400214WA080	720-015	720015WA080
400-048	400048WA070	400-214	400214WA085	720-015	720015WA085
400-048	400048WA075	400-214	400214WA090	720-015	720015WA090
400-048	400048WA080	400-214	400214WD065	720-016	720016WA065
400-048	400048WA085	400-214	400214WD075	720-016	720016WA070
400-048	400048WA090	400-214	400214WD080	720-016	720016WA075
400-049	400049WA070	400-214	400214WD085	720-016	720016WA080
400-049	400049WA075	400-215	400215WA080	720-016	720016WA085
400-049	400049WA080	400-215	400215WA085	720-016	720016WA090
400-049	400049WA085	400-215	400215WA090	720-016	720016WA095
400-049	400049WA090	720-010	720010WA065	720-016	720016WD080
400-049	400049WA095	720-010	720010WA070	720-017	720017WA060
400-052	400052WA065	720-010	720010WA075	720-017	720017WA065
400-052	400052WA070	720-010	720010WA080	720-017	720017WA070
400-052	400052WA075	720-010	720010WA085	720-017	720017WA075
400-052	400052WA080	720-010	720010WA090	720-017	720017WA080
400-052	400052WA085	720-010	720010WA095	720-017	720017WA085
400-052	400052WA090	720-010	720010WD065	720-017	720017WA090
400-053	400053WA060	720-011	720011WA070	720-018	720018WA065
400-053	400053WA065	720-011	720011WA075	720-018	720018WA070
400-053	400053WA070	720-011	720011WA080	720-018	720018WA075
400-053	400053WA075	720-011	720011WA085	720-018	720018WA080
400-053	400053WA080	720-011	720011WA090	720-018	720018WA085
400-053	400053WA085	720-011	720011WA095	720-018	720018WA090
400-053	400053WA090	720-011	720011WA100	720-018	720018WD085
400-206	400206WA060	720-012	720012WA070	720-019	720019WA075
400-206	400206WA065	720-012	720012WA075	720-019	720019WA080
400-206	400206WA070	720-012	720012WA080	720-019	720019WA085
400-206	400206WA075	720-012	720012WA085	720-019	720019WA090
400-206	400206WA080	720-012	720012WA090	720-026	720026WA070
400-206	400206WA085	720-013	720013WA070	720-026	720026WA080
400-208	400208WA080	720-013	720013WA075	720-026	720026WA085
400-208	400208WB085	720-013	720013WA080	720-026	720026WA090
400-210	400210WB085	720-013	720013WA085	720-026	720026WD085
400-212	400212WB085	720-013	720013WA090	720-028	720028WA080
400-213	400213WA065	720-014	720014WA070	720-028	720028WA085

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Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
720-028	720028WA090	HV009	121698HV009EC	HV171	050598HV171EC
720-028	720028WA095	HV009	121698HV009EU	HV171	050698HV171EC
720-028	720028WD090	HV009	122997HV009EC	HV171	050798HV171EC
720-029	720029WA060	HV015	012798HV015EC	HV171	050898HV171EC
720-029	720029WA065	HV015	051398HV015EC	HV171	051198HV171EC
720-029	720029WA080	HV015	061898HV015EU	HV171	051298HV171CU
720-029	720029WA085	HV015	102297HV015EC	HV171	051298HV171EC
720-029	720029WA090	HV015	121698HV015EC	HV171	051398HV171DC
720-029	720029WA095	HV015	121698HV015EU	HV171	051398HV171EC
720-029	720029WD065	HV015	122997HV015EC	HV171	051498HV171EC
720-029	720029WD095	HV020	012798HV020EC	HV171	051598HV171EC
EW228	6032-96	HV020	051398HV020EC	HV171	051898HV171EC
EW228	6181-96	HV020	061898HV020EU	HV171	051998HV171EC
EW229	6033-96	HV020	102297HV020EC	HV171	052098HV171EC
EW229	6182-96	HV020	121698HV020EC	HV171	052198HV171EC
EW230	6031-96	HV020	121698HV020EU	HV171	052298HV171EC
EW230	6183-96	HV020	122997HV020EC	HV171	052698HV171CU
EW230	6443-95	HV171	010298HV171DC	HV171	052698HV171EC
EW230	7434-94	HV171	010298HV171EC	HV171	052798HV171DC
EW230	7435-94	HV171	010598HV171EC	HV171	052798HV171EC
EW231	6030-96	HV171	010698HV171EC	HV171	052898HV171EC
EW231	6184-96	HV171	010798HV171EC	HV171	052998HV171EC
GWW-01	P01612	HV171	010898HV171EC	HV171	060198HV171EC
GWW-01	P01613	HV171	010998HV171EC	HV171	060298HV171EC
GWW-01	P01614	HV171	011298HV171DC	HV171	060398HV171EC
GWW-01	P01615	HV171	011298HV171EC	HV171	060498HV171EC
GWW-02	P02612	HV171	011398HV171DC	HV171	060598HV171EC
GWW-02	P02613	HV171	011398HV171EC	HV171	060898HV171EC
GWW-02	P02614	HV171	011498HV171EC	HV171	061198HV171EC
GWW-02	P02615	HV171	011598HV171EC	HV171	061298HV171EC
GWW-03	P03612	HV171	011698HV171EC	HV171	061598HV171DC
GWW-03	P03613	HV171	011998HV171EC	HV171	061598HV171EC
GWW-03	P03614	HV171	012098HV171EC	HV171	061698HV171EC
HV004	012798HV004EC	HV171	012198HV171EC	HV171	061798HV171EC
HV004	051398HV004EC	HV171	012298HV171DC	HV171	061898HV171EC
HV004	061898HV004EU	HV171	012298HV171EC	HV171	061998HV171EC
HV004	102297HV004EC	HV171	012398HV171EC	HV171	062298HV171EC
HV004	121698HV004EC	HV171	012698HV171EC	HV171	062398HV171CU
HV004	121698HV004EU	HV171	012798HV171EC	HV171	062398HV171EC
HV004	122997HV004EC	HV171	012898HV171EC	HV171	062498HV171DC
HV009	012798HV009EC	HV171	012998HV171EC	HV171	062498HV171EC
HV009	051398HV009EC	HV171	013098HV171EC	HV171	062598HV171EC
HV009	061898HV009EU	HV171	050198HV171EC	HV171	062698HV171EC
HV009	102297HV009EC	HV171	050498HV171EC	HV171	062998HV171EC

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
HV171	063098HV171EC	HV171	101397HV171EC	HV171	111698HV171EC
HV171	070198HV171EC	HV171	101398HV171EC	HV171	111798HV171EC
HV171	070298HV171EC	HV171	101497HV171EC	HV171	111898HV171EC
HV171	070698HV171EC	HV171	101498HV171EC	HV171	111998HV171EC
HV171	070798HV171CU	HV171	101597HV171EC	HV171	112098HV171CU
HV171	070798HV171EC	HV171	101598HV171DC	HV171	112098HV171EC
HV171	070898HV171EC	HV171	101598HV171EC	HV171	112398HV171EC
HV171	070998HV171EC	HV171	101697HV171EC	HV171	112498HV171EC
HV171	071098HV171EC	HV171	101698HV171EC	HV171	112598HV171EC
HV171	071398HV171EC	HV171	101797HV171EC	HV171	113098HV171DC
HV171	071498HV171EC	HV171	101998HV171EC	HV171	113098HV171EC
HV171	071598HV171DC	HV171	102097HV171EC	HV171	120197HV171EC
HV171	071598HV171EC	HV171	102098HV171EC	HV171	120198HV171EC
HV171	071698HV171EC	HV171	102197HV171EC	HV171	120297HV171EC
HV171	071798HV171EC	HV171	102198HV171CU	HV171	120298HV171EC
HV171	072098HV171EC	HV171	102198HV171EC	HV171	120397HV171EC
HV171	072198HV171CU	HV171	102297HV171CU	HV171	120398HV171EC
HV171	072198HV171EC	HV171	102297HV171EC	HV171	120497HV171EC
HV171	072298HV171EC	HV171	102298HV171EC	HV171	120498HV171EC
HV171	072398HV171EC	HV171	102397HV171EC	HV171	120597HV171EC
HV171	072498HV171EC	HV171	102398HV171EC	HV171	120798HV171CU
HV171	072798HV171EC	HV171	102497HV171EC	HV171	120798HV171EC
HV171	072898HV171EC	HV171	102698HV171EC	HV171	120897HV171EC
HV171	072998HV171DC	HV171	102797HV171EC	HV171	120898HV171EC
HV171	072998HV171EC	HV171	102798HV171EC	HV171	120997HV171EC
HV171	073098HV171EC	HV171	102897HV171EC	HV171	120998HV171EC
HV171	073198HV171EC	HV171	102898HV171EC	HV171	121097HV171EC
HV171	100197HV171EC	HV171	102997HV171EC	HV171	121098HV171EC
HV171	100198HV171EC	HV171	102998HV171DC	HV171	121197HV171EC
HV171	100297HV171EC	HV171	102998HV171EC	HV171	121198HV171EC
HV171	100298HV171EC	HV171	103097HV171EC	HV171	121297HV171EC
HV171	100397HV171EC	HV171	103098HV171EC	HV171	121498HV171DC
HV171	100598HV171EC	HV171	110298HV171EC	HV171	121498HV171EC
HV171	100697HV171EC	HV171	110398HV171EC	HV171	121597HV171EC
HV171	100698HV171CU	HV171	110498HV171EC	HV171	121598HV171EC
HV171	100698HV171EC	HV171	110598HV171CU	HV171	121697HV171EC
HV171	100797HV171EC	HV171	110598HV171EC	HV171	121698HV171EC
HV171	100798HV171EC	HV171	110698HV171EC	HV171	121797HV171EC
HV171	100897HV171EC	HV171	110998HV171EC	HV171	121798HV171EC
HV171	100898HV171EC	HV171	111098HV171EC	HV171	121897HV171EC
HV171	100997HV171EC	HV171	111198HV171EC	HV171	121898HV171EC
HV171	100998HV171EC	HV171	111298HV171DC	HV171	121997HV171EC
HV171	101097HV171EC	HV171	111298HV171EC	HV171	122198HV171EC
HV171	101298HV171EC	HV171	111398HV171EC	HV171	122297HV171EC

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
HV171	122298HV171CU	MW100	5218-97	MW123	6461-94
HV171	122298HV171EC	MW100	5371-97	MW123	6600-95
HV171	122397HV171EC	MW100	5709-98	MW123	6666-93
HV171	122398HV171EC	MW100	5835-97	MW123	7280-94
HV171	122497HV171EC	MW100	RGA01	MW123	7471-95
HV171	122898HV171EC	MW100	RGA02	MW123	7790-93
HV171	122997HV171CU	MW100	RGA03	MW123	8289-95
HV171	122997HV171EC	MW100	RGA04	MW124	5074-93
HV171	122998HV171DC	MW100	RGA041	MW124	5077-93
HV171	122998HV171EC	MW100	TB0042	MW124	5081-93
HV171	123097HV171EC	MW103	4272-94	MW124	5083-93
HV171	123098HV171EC	MW103	5023-98	MW124	5170-98
HV171	123197HV171EC	MW103	5142-97	MW124	5185-97
HV171	123198HV171EC	MW103	5178-93	MW124	5250-93
J19	6905-93	MW103	5187-94	MW124	5349-98
J21	6903-93	MW103	5285-96	MW124	5374-97
J21	6904-93	MW103	5372-97	MW124	5425-97
J22	6901-93	MW103	5440-95	MW124	5541-98
J22	6902-93	MW103	5476-95	MW124	5607-96
J24	4362-94	MW103	5944-93	MW124	5640-97
J24	4363-94	MW103	6026-94	MW124	5731-98
J25	4374-94	MW103	6774-94	MW124	5837-97
J25	4375-94	MW103	7299-93	MW124	5906-96
J3	6884-93	MW106	4697-94	MW124	6122-96
J3	6885-93	MW106	5138-97	MW124	6376-96
J40	1110505-55	MW106	5289-96	MW124	6604-95
J40	1110505-57	MW106	5322-93	MW124	8089-95
J40	1110505-59	MW106	5444-95	MW125	4879-94
J40	1110505-61	MW106	5513-94	MW125	5152-97
J42	1110505-100	MW106	5668-98	MW125	5155-98
J42	1110505-104	MW106	5788-97	MW125	5214-93
J42	1110505-108	MW106	6579-93	MW125	5334-98
J42	1110505-112	MW106	6640-94	MW125	5389-97
J43	1110505-67	MW106	6782-94	MW125	5530-94
J43	1110505-70	MW106	7272-94	MW125	5611-96
J43	1110505-73	MW106	7862-93	MW125	5626-97
J44	1110505-82	MW123	4859-94	MW125	5628-95
J44	1110505-86	MW123	5294-93	MW125	5724-98
J44	1110505-90	MW123	5525-94	MW125	5823-97
J49	1110505-41	MW123	5603-96	MW125	5907-96
J50	110505-37	MW123	5623-95	MW125	6123-96
J6	6886-93	MW123	5905-96	MW125	6359-96
J6	6887-93	MW123	6121-96	MW125	6469-94
J7	6888-93	MW123	6358-96	MW125	6608-95

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Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW125	6674-93	MW134	5222-93	MW139	5131-97
MW125	7284-94	MW134	5309-96	MW139	5276-98
MW125	7475-95	MW134	5670-98	MW139	5305-97
MW125	7798-93	MW134	5790-97	MW139	5318-93
MW125	8293-95	MW134	8297-95	MW139	5470-96
MW126	4883-94	MW135	4769-94	MW139	5472-98
MW126	5050-93	MW135	5153-97	MW139	5544-97
MW126	5051-93	MW135	5156-98	MW139	5550-94
MW126	5067-93	MW135	5286-93	MW139	5642-95
MW126	5068-93	MW135	5335-98	MW139	5677-98
MW126	5075-93	MW135	5390-97	MW139	5776-97
MW126	5078-93	MW135	5528-96	MW139	5790-96
MW126	5082-93	MW135	5616-94	MW139	6068-96
MW126	5084-93	MW135	5627-97	MW139	6265-96
MW126	5171-98	MW135	5634-95	MW139	6587-93
MW126	5186-97	MW135	5725-98	MW139	6632-95
MW126	5254-93	MW135	5824-97	MW139	6665-94
MW126	5350-98	MW135	5936-96	MW139	7346-94
MW126	5426-97	MW135	6125-96	MW139	7491-95
MW126	5534-94	MW135	6360-96	MW139	7870-93
MW126	5542-98	MW135	6624-95	MW139	7987-95
MW126	5615-96	MW135	6653-94	MW139	8309-95
MW126	5641-97	MW135	6748-93	MW141	4229-94
MW126	5692-95	MW135	7296-94	MW141	5199-94
MW126	5732-98	MW135	7483-95	MW141	6054-94
MW126	5838-97	MW135	7712-93	MW141	6080-93
MW126	5908-96	MW135	8301-95	MW141	6092-93
MW126	6124-96	MW137	4773-94	MW141	6868-94
MW126	6377-96	MW137	5290-93	MW141	7085-93
MW126	6473-94	MW137	5532-96	MW142	4233-94
MW126	6612-95	MW137	5620-94	MW142	5147-97
MW126	6678-93	MW137	5638-95	MW142	5203-94
MW126	7205-94	MW137	5937-96	MW142	5317-96
MW126	7479-95	MW137	6126-96	MW142	5464-95
MW126	7802-93	MW137	6361-96	MW142	5797-97
MW126	8093-95	MW137	6628-95	MW142	6058-94
MW132	4701-94	MW137	6657-94	MW142	6084-93
MW132	5314-93	MW137	6756-93	MW142	6096-93
MW132	5546-94	MW137	7300-94	MW142	6872-94
MW132	6583-93	MW137	7487-95	MW142	7089-93
MW132	6644-94	MW137	7716-93	MW144	1110101-0235
MW132	7342-94	MW137	8305-95	MW144	4280-94
MW132	7866-93	MW139	4705-94	MW144	4672-94
MW134	5140-97	MW139	5077-98	MW144	4781-94

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW144	5052-93	MW145	6157-96	MW148	5570-94
MW144	5069-93	MW145	6378-96	MW148	5579-93
MW144	5076-93	MW145	6524-93	MW148	5651-95
MW144	5079-93	MW145	6608-94	MW148	6493-94
MW144	5080-93	MW145	6673-94	MW148	6599-93
MW144	5085-93	MW145	6739-93	MW148	6644-95
MW144	5110-93	MW145	6802-94	MW148	7358-94
MW144	5133-94	MW145	6820-93	MW148	7882-93
MW144	5395-94	MW145	7055-94	MW150	4789-94
MW144	5554-94	MW145	7101-93	MW150	5024-98
MW144	5591-93	MW145	7354-94	MW150	5148-97
MW144	5886-94	MW145	7850-93	MW150	5321-96
MW144	5952-93	MW145	8313-95	MW150	5468-95
MW144	6520-93	MW146	4709-94	MW150	5578-94
MW144	6604-94	MW146	5078-98	MW150	5650-93
MW144	6669-94	MW146	5132-97	MW150	6501-94
MW144	6738-93	MW146	5277-98	MW150	6764-93
MW144	6798-94	MW146	5306-97	MW150	7366-94
MW144	6816-93	MW146	5375-97	MW150	7724-93
MW144	7051-94	MW146	5474-96	MW152	4288-94
MW144	7097-93	MW146	5545-97	MW152	4399-94
MW144	7350-94	MW146	5562-94	MW152	4741-94
MW144	7846-93	MW146	5642-93	MW152	5118-93
MW145	1110101-0234	MW146	5678-98	MW152	5151-94
MW145	4284-94	MW146	5777-97	MW152	5154-97
MW145	4676-94	MW146	5794-96	MW152	5157-98
MW145	4785-94	MW146	6069-96	MW152	5306-94
MW145	5114-93	MW146	6266-96	MW152	5336-98
MW145	5137-94	MW146	6485-94	MW152	5391-97
MW145	5172-98	MW146	6591-93	MW152	5536-96
MW145	5187-97	MW146	6640-95	MW152	5582-94
MW145	5351-98	MW146	7308-94	MW152	5628-97
MW145	5399-94	MW146	7495-95	MW152	5655-95
MW145	5427-97	MW146	7874-93	MW152	5726-98
MW145	5543-98	MW146	7991-95	MW152	5825-97
MW145	5558-94	MW146	8317-95	MW152	5938-96
MW145	5592-93	MW147	4713-94	MW152	5960-93
MW145	5619-96	MW147	5566-94	MW152	5977-94
MW145	5642-97	MW147	5646-93	MW152	6152-96
MW145	5733-98	MW147	6489-94	MW152	6187-94
MW145	5839-97	MW147	6595-93	MW152	6362-96
MW145	5890-94	MW147	7312-94	MW152	6368-93
MW145	5909-96	MW147	7878-93	MW152	6533-94
MW145	5956-93	MW148	4717-94	MW152	6607-93

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Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	**Sample ID**	**Station Name**	**Sample ID**	**Station Name**	**Sample ID**
MW152	6648-95	MW158	6960-94	MW165	5629-97
MW152	6834-94	MW158	7503-93	MW165	5659-95
MW152	7125-94	MW159	4579-93	MW165	5712-98
MW152	7187-93	MW159	4596-94	MW165	5826-97
MW152	7214-94	MW159	5230-93	MW165	5939-96
MW152	7364-93	MW159	5290-98	MW165	5965-96
MW152	7500-95	MW159	5312-97	MW165	6142-96
MW152	7890-93	MW159	5315-94	MW165	6268-94
MW152	8321-95	MW159	5832-96	MW165	6328-93
MW155	011009WA100	MW159	6244-94	MW165	6363-96
MW155	1110202-002	MW159	6306-95	MW165	6652-95
MW155	1110202-042	MW159	6421-93	MW165	6904-94
MW155	1110202-168	MW159	6964-94	MW165	7380-93
MW155	1110202-202	MW159	7507-93	MW165	7504-95
MW155	1110202-250	MW161	4604-94	MW165	8327-95
MW155	1110202-252	MW161	5220-98	MW168	4428-94
MW155	4296-94	MW161	5273-93	MW168	5293-98
MW155	4412-94	MW161	5291-98	MW168	5315-97
MW155	4895-94	MW161	5415-94	MW168	5343-94
MW155	5215-94	MW161	5833-96	MW168	5427-93
MW155	5288-98	MW161	6091-95	MW168	5835-96
MW155	5310-97	MW161	6252-94	MW168	6280-94
MW155	5376-97	MW161	6310-95	MW168	6318-95
MW155	5403-94	MW161	6429-93	MW168	6340-93
MW155	5669-94	MW161	6743-94	MW168	6916-94
MW155	5830-96	MW161	7515-93	MW168	7392-93
MW155	5968-93	MW163	4612-94	MW169	4620-94
MW155	6298-95	MW163	5292-98	MW169	5294-98
MW155	6376-93	MW163	5323-94	MW169	5316-97
MW155	6538-94	MW163	5513-93	MW169	5423-94
MW155	6690-93	MW163	5834-96	MW169	5431-93
MW155	6806-94	MW163	6260-94	MW169	5836-96
MW155	7133-94	MW163	6314-95	MW169	6178-93
MW155	7195-93	MW163	6437-93	MW169	6284-94
MW155	7368-93	MW163	6896-94	MW169	6322-95
MW155	7370-94	MW163	7523-93	MW169	6920-94
MW155	7898-93	MW165	4416-94	MW169	7531-93
MW158	4578-93	MW165	5155-97	MW173	4907-94
MW158	4592-94	MW165	5158-98	MW173	5157-97
MW158	5221-98	MW165	5331-94	MW173	5160-98
MW158	5226-93	MW165	5337-98	MW173	5339-98
MW158	5311-94	MW165	5392-97	MW173	5394-97
MW158	6240-94	MW165	5415-93	MW173	5532-93
MW158	6417-93	MW165	5540-96	MW173	5545-96

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW173	5631-97	MW179	5241-97	MW181	6324-96
MW173	5658-98	MW179	5270-95	MW181	6325-96
MW173	5667-95	MW179	5418-98	MW181	6326-96
MW173	5707-94	MW179	5482-97	MW181	6328-96
MW173	5714-98	MW179	5507-96	MW181	6329-96
MW173	5828-97	MW179	5553-93	MW181	6330-96
MW173	5941-96	MW179	5600-98	MW181	6335-96
MW173	6144-96	MW179	5714-97	MW181	6695-94
MW173	6365-96	MW179	5725-96	MW181	6710-93
MW173	6509-94	MW179	5861-94	MW181	6737-95
MW173	6660-95	MW179	5963-95	MW181	6988-94
MW173	6702-93	MW179	5967-96	MW181	7573-95
MW173	7223-94	MW179	6200-96	MW181	7617-95
MW173	7509-95	MW179	6687-94	MW181	7822-93
MW173	7814-93	MW179	6733-95	MW181	8098-95
MW173	8331-95	MW179	6788-93	MW185	4324-94
MW175	047012WA060	MW179	6984-94	MW185	4606-93
MW175	4797-94	MW179	7569-95	MW185	4607-93
MW175	5295-98	MW179	7748-93	MW185	4608-93
MW175	5540-93	MW181	4915-94	MW185	4609-93
MW175	5692-94	MW181	5004-97	MW185	4610-93
MW175	5837-96	MW181	5029-98	MW185	4611-93
MW175	6326-95	MW181	5082-96	MW185	4612-93
MW175	6677-94	MW181	5232-98	MW185	4613-93
MW175	6772-93	MW181	5242-97	MW185	4614-93
MW175	7231-94	MW181	5274-95	MW185	4615-93
MW175	7732-93	MW181	5314-95	MW185	4616-93
MW178	040011WA060	MW181	5419-98	MW185	4617-93
MW178	4809-94	MW181	5430-98	MW185	4618-93
MW178	5227-94	MW181	5483-97	MW185	4619-93
MW178	5296-98	MW181	5484-97	MW185	4620-93
MW178	5318-97	MW181	5508-96	MW185	4621-93
MW178	5549-93	MW181	5561-93	MW185	4622-93
MW178	5696-94	MW181	5601-98	MW185	4623-93
MW178	6330-95	MW181	5715-97	MW185	4624-93
MW178	6683-94	MW181	5729-96	MW185	4625-93
MW178	6784-93	MW181	5869-94	MW185	4626-93
MW178	7240-94	MW181	5967-95	MW185	4628-94
MW178	7744-93	MW181	5968-96	MW185	4947-94
MW179	4813-94	MW181	6201-96	MW185	5079-98
MW179	5003-97	MW181	6320-96	MW185	5133-97
MW179	5028-98	MW181	6321-96	MW185	5134-93
MW179	5078-96	MW181	6322-96	MW185	5159-94
MW179	5231-98	MW181	6323-96	MW185	5278-98

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW185	5325-96	MW191	6078-96	MW199	5984-93
MW185	5347-94	MW191	6715-94	MW199	6074-94
MW185	5474-98	MW191	6722-93	MW199	6888-94
MW185	5546-97	MW191	7197-95	MW199	7311-93
MW185	5657-94	MW191	7406-94	MW20	4025-93
MW185	5675-95	MW191	7834-93	MW20	4308-93
MW185	5679-98	MW194	4833-94	MW20	4344-94
MW185	5778-97	MW194	5093-98	MW20	4383-94
MW185	5841-96	MW194	5380-97	MW20	4541-93
MW185	5981-94	MW194	5556-97	MW20	4554-94
MW185	6070-96	MW194	5632-93	MW20	4771-93
MW185	6204-94	MW194	5645-94	MW20	4855-94
MW185	6275-93	MW194	6084-96	MW20	4911-93
MW185	6279-96	MW194	6756-94	MW20	5070-98
MW185	6550-94	MW194	6808-93	MW20	5128-97
MW185	6558-93	MW194	7294-95	MW20	5271-98
MW185	6668-95	MW194	7418-94	MW20	5277-94
MW185	6818-94	MW194	7768-93	MW20	5298-94
MW185	6868-93	MW197	4943-94	MW20	5301-97
MW185	7071-94	MW197	5159-97	MW20	5403-95
MW185	7242-93	MW197	5162-98	MW20	5449-96
MW185	7244-94	MW197	5234-93	MW20	5469-98
MW185	7517-95	MW197	5341-98	MW20	5479-95
MW185	7688-93	MW197	5396-97	MW20	5501-94
MW185	7974-93	MW197	5553-96	MW20	5541-97
MW185	8339-95	MW197	5633-97	MW20	5594-93
MW185	M18501	MW197	5687-95	MW20	5595-95
MW185	M18511	MW197	5716-98	MW20	5704-98
MW188	4825-94	MW197	5830-97	MW20	5773-97
MW188	5089-98	MW197	5881-94	MW20	5779-96
MW188	5549-97	MW197	5943-96	MW20	5961-94
MW188	5573-93	MW197	6146-96	MW20	6067-96
MW188	5768-94	MW197	6367-96	MW20	6143-94
MW188	6077-96	MW197	6521-94	MW20	6144-94
MW188	6707-94	MW197	6680-95	MW20	6179-94
MW188	6800-93	MW197	6880-93	MW20	6264-96
MW188	7193-95	MW197	7422-94	MW20	6300-93
MW188	7394-94	MW197	7529-95	MW20	6430-95
MW188	7760-93	MW197	7978-93	MW20	6503-93
MW191	4927-94	MW197	8351-95	MW20	6574-94
MW191	5090-98	MW199	4312-94	MW20	6830-94
MW191	5550-97	MW199	5170-93	MW20	6860-93
MW191	5587-94	MW199	5260-94	MW20	7155-95
MW191	5620-93	MW199	5558-97	MW20	7178-94

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW20	7222-93	MW201	6623-93	MW202	7533-95
MW20	7260-94	MW201	6845-94	MW202	7547-93
MW20	7411-95	MW201	7113-93	MW202	7740-93
MW20	7576-93	MW201	7149-94	MW202	8034-93
MW20	7982-93	MW201	7302-95	MW202	8035-93
MW20	8265-95	MW201	7320-94	MW202	8036-93
MW200	4245-94	MW201	7543-93	MW202	8044-93
MW200	4640-94	MW201	7736-93	MW202	8355-95
MW200	4749-94	MW201	8033-93	MW203	4725-94
MW200	5146-93	MW201	8041-93	MW203	5486-98
MW200	5264-94	MW201	8042-93	MW203	5555-97
MW200	5439-94	MW201	8043-93	MW203	5637-94
MW200	5484-98	MW202	4253-94	MW203	5658-93
MW200	5553-97	MW202	4552-93	MW203	6083-96
MW200	5599-94	MW202	4648-94	MW203	6627-93
MW200	5997-94	MW202	4757-94	MW203	6727-94
MW200	6081-96	MW202	5049-93	MW203	7306-95
MW200	6116-93	MW202	5154-93	MW203	7328-94
MW200	6216-94	MW202	5160-97	MW203	7910-93
MW200	6449-93	MW202	5163-98	MW205	4733-94
MW200	6562-94	MW202	5272-94	MW205	5629-94
MW200	6615-93	MW202	5342-98	MW205	5671-98
MW200	6841-94	MW202	5397-97	MW205	5677-93
MW200	7109-93	MW202	5452-94	MW205	5791-97
MW200	7145-94	MW202	5557-96	MW205	6282-96
MW200	7298-95	MW202	5607-94	MW205	6635-93
MW200	7316-94	MW202	5634-97	MW205	6735-94
MW200	7539-93	MW202	5717-98	MW205	7256-94
MW200	7776-93	MW202	5831-97	MW205	7918-93
MW201	4249-94	MW202	5944-96	MW205	8103-95
MW201	4644-94	MW202	6005-94	MW206	4737-94
MW201	4753-94	MW202	6095-95	MW206	5633-94
MW201	5150-93	MW202	6124-93	MW206	5665-93
MW201	5268-94	MW202	6147-96	MW206	5672-98
MW201	5448-94	MW202	6224-94	MW206	5792-97
MW201	5485-98	MW202	6368-96	MW206	6283-96
MW201	5554-97	MW202	6457-93	MW206	6639-93
MW201	5603-94	MW202	6570-94	MW206	6739-94
MW201	6001-94	MW202	6619-93	MW206	7386-94
MW201	6082-96	MW202	6684-95	MW206	7922-93
MW201	6120-93	MW202	6849-94	MW206	8099-95
MW201	6220-94	MW202	7117-93	MW21	4451-93
MW201	6453-93	MW202	7153-94	MW22	4455-93
MW201	6566-94	MW202	7324-94	MW220	4044-94

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW220	4057-93	MW221	5421-98	MW223	4884-93
MW220	4677-93	MW221	5487-97	MW223	5008-97
MW220	4881-93	MW221	5510-96	MW223	5033-98
MW220	4882-93	MW221	5603-98	MW223	5098-96
MW220	5005-97	MW221	5717-97	MW223	5102-94
MW220	5030-98	MW221	5737-96	MW223	5118-94
MW220	5086-96	MW221	5833-94	MW223	5237-98
MW220	5090-94	MW221	5970-96	MW223	5246-97
MW220	5233-98	MW221	5975-95	MW223	5318-95
MW220	5234-98	MW221	6170-93	MW223	5423-98
MW220	5243-97	MW221	6203-96	MW223	5489-97
MW220	5255-97	MW221	6745-95	MW223	5512-96
MW220	5278-95	MW221	6954-93	MW223	5605-98
MW220	5420-98	MW221	6996-94	MW223	5719-97
MW220	5486-97	MW221	7581-95	MW223	5745-96
MW220	5509-96	MW222	4052-94	MW223	5841-94
MW220	5602-98	MW222	4065-93	MW223	5972-96
MW220	5716-97	MW222	4705-93	MW223	5983-95
MW220	5733-96	MW222	5007-97	MW223	5992-93
MW220	5829-94	MW222	5032-98	MW223	6205-96
MW220	5857-94	MW222	5094-96	MW223	6753-95
MW220	5969-96	MW222	5098-94	MW223	6962-93
MW220	5971-95	MW222	5236-98	MW223	7004-94
MW220	6166-93	MW222	5245-97	MW223	7265-93
MW220	6202-96	MW222	5286-95	MW223	7589-95
MW220	6741-95	MW222	5422-98	MW224	4060-94
MW220	6781-95	MW222	5488-97	MW224	4073-93
MW220	6950-93	MW222	5511-96	MW224	4648-93
MW220	6974-93	MW222	5604-98	MW224	5009-97
MW220	6992-94	MW222	5718-97	MW224	5034-98
MW220	7032-94	MW222	5741-96	MW224	5102-96
MW220	7577-95	MW222	5837-94	MW224	5106-94
MW221	4048-94	MW222	5971-96	MW224	5238-98
MW221	4061-93	MW222	5979-95	MW224	5247-97
MW221	4091-93	MW222	5988-93	MW224	5290-95
MW221	4681-93	MW222	6204-96	MW224	5424-98
MW221	4883-93	MW222	6749-95	MW224	5490-97
MW221	5006-97	MW222	6958-93	MW224	5513-96
MW221	5031-98	MW222	7000-94	MW224	5606-98
MW221	5090-96	MW222	7264-93	MW224	5720-97
MW221	5094-94	MW222	7585-95	MW224	5749-96
MW221	5235-98	MW223	4056-94	MW224	5845-94
MW221	5244-97	MW223	4069-93	MW224	5973-96
MW221	5282-95	MW223	4685-93	MW224	5987-95

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW224	5996-93	MW226	5877-95	MW227	5405-93
MW224	6206-96	MW226	5882-93	MW227	5414-98
MW224	6757-95	MW226	5898-96	MW227	5447-94
MW224	6966-93	MW226	5942-95	MW227	5478-97
MW224	7008-94	MW226	5943-94	MW227	5707-97
MW224	7266-93	MW226	5950-95	MW227	5754-93
MW224	7593-95	MW226	5995-96	MW227	5754-95
MW225	4064-94	MW226	6072-93	MW227	5816-95
MW225	4068-94	MW226	6126-94	MW227	5820-93
MW225	4077-93	MW226	6228-96	MW227	5820-95
MW225	4652-93	MW226	6240-93	MW227	5881-95
MW225	4727-93	MW226	6344-94	MW227	5886-93
MW225	5110-94	MW226	6445-94	MW227	5899-96
MW225	5849-94	MW226	6842-95	MW227	5946-95
MW225	6174-93	MW226	6911-95	MW227	5947-94
MW225	6248-93	MW226	6980-95	MW227	5996-96
MW225	6970-93	MW226	7037-93	MW227	6076-93
MW226	4131-94	MW226	7049-95	MW227	6130-94
MW226	4197-94	MW226	7057-95	MW227	6229-96
MW226	4496-94	MW226	7179-93	MW227	6244-93
MW226	4566-94	MW226	7477-93	MW227	6373-94
MW226	4850-93	MW226	7648-93	MW227	6377-94
MW226	4854-93	MW226	7677-95	MW227	6381-94
MW226	4985-93	MW226	7744-95	MW227	6449-94
MW226	5015-98	MW226	7752-95	MW227	6846-95
MW226	5031-97	MW226	7812-95	MW227	6915-95
MW226	5044-95	MW226	7880-95	MW227	6984-95
MW226	5052-95	MW227	4135-94	MW227	6988-95
MW226	5057-96	MW227	4201-94	MW227	7041-93
MW226	5109-95	MW227	4500-94	MW227	7053-95
MW226	5175-95	MW227	4570-94	MW227	7183-93
MW226	5240-95	MW227	4989-93	MW227	7473-93
MW226	5248-97	MW227	5016-98	MW227	7652-93
MW226	5401-93	MW227	5017-98	MW227	7681-95
MW226	5403-93	MW227	5032-97	MW227	7685-95
MW226	5413-98	MW227	5033-97	MW227	7748-95
MW226	5431-98	MW227	5048-95	MW227	7816-95
MW226	5476-97	MW227	5061-96	MW227	7884-95
MW226	5477-97	MW227	5065-96	MW233	5034-97
MW226	5706-97	MW227	5123-95	MW233	5109-97
MW226	5750-93	MW227	5127-95	MW233	5166-97
MW226	5750-95	MW227	5179-95	MW233	5187-98
MW226	5812-95	MW227	5244-95	MW233	5192-96
MW226	5816-93	MW227	5249-97	MW233	5259-97

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW233	5325-97	MW234	5404-97	MW235	5748-97
MW233	5363-96	MW234	5511-97	MW235	5801-96
MW233	5366-98	MW234	5556-98	MW235	5858-96
MW233	5381-97	MW234	5570-97	MW235	5912-96
MW233	5403-97	MW234	5627-96	MW235	6003-96
MW233	5510-97	MW234	5632-98	MW235	6027-95
MW233	5555-98	MW234	5655-97	MW235	6038-96
MW233	5569-97	MW234	5747-97	MW235	6127-95
MW233	5623-96	MW234	5800-96	MW235	6160-96
MW233	5631-98	MW234	5857-96	MW235	6248-96
MW233	5649-98	MW234	5911-96	MW235	6304-96
MW233	5654-97	MW234	6002-96	MW235	6350-95
MW233	5745-97	MW234	6023-95	MW235	6391-96
MW233	5746-97	MW234	6037-96	MW235	6460-95
MW233	5799-96	MW234	6123-95	MW235	7094-95
MW233	5856-96	MW234	6159-96	MW235	7217-95
MW233	5910-96	MW234	6247-96	MW235	7345-95
MW233	6001-96	MW234	6303-96	MW235	7904-95
MW233	6019-95	MW234	6346-95	MW235	8023-95
MW233	6036-96	MW234	6390-96	MW235	8152-95
MW233	6119-95	MW234	6456-95	MW236	5037-97
MW233	6158-96	MW234	7090-95	MW236	5112-97
MW233	6246-96	MW234	7213-95	MW236	5169-97
MW233	6302-96	MW234	7341-95	MW236	5190-98
MW233	6342-95	MW234	7900-95	MW236	5204-96
MW233	6389-96	MW234	8019-95	MW236	5262-97
MW233	6452-95	MW234	8148-95	MW236	5328-97
MW233	7086-95	MW235	5036-97	MW236	5370-98
MW233	7209-95	MW235	5111-97	MW236	5375-96
MW233	7337-95	MW235	5168-97	MW236	5406-97
MW233	7896-95	MW235	5189-98	MW236	5513-97
MW233	8015-95	MW235	5200-96	MW236	5558-98
MW233	8144-95	MW235	5261-97	MW236	5572-97
MW234	5035-97	MW235	5327-97	MW236	5634-98
MW234	5110-97	MW235	5369-98	MW236	5635-96
MW234	5167-97	MW235	5371-96	MW236	5657-97
MW234	5188-98	MW235	5405-97	MW236	5749-97
MW234	5196-96	MW235	5512-97	MW236	5802-96
MW234	5260-97	MW235	5557-98	MW236	5859-96
MW234	5326-97	MW235	5571-97	MW236	5913-96
MW234	5343-97	MW235	5631-96	MW236	6004-96
MW234	5367-96	MW235	5633-98	MW236	6031-95
MW234	5367-98	MW235	5656-97	MW236	6039-96
MW234	5368-98	MW235	5703-96	MW236	6131-95

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW236	6161-96	MW238	7226-95	MW241	5102-98
MW236	6249-96	MW238	7357-95	MW241	5117-97
MW236	6305-96	MW238	7916-95	MW241	5174-97
MW236	6354-95	MW238	8032-95	MW241	5195-98
MW236	6392-96	MW238	8161-95	MW241	5221-96
MW236	6408-96	MW240	5041-97	MW241	5267-97
MW236	6464-95	MW240	5116-97	MW241	5267-98
MW236	7098-95	MW240	5173-97	MW241	5301-98
MW236	7221-95	MW240	5194-98	MW241	5333-97
MW236	7349-95	MW240	5217-96	MW241	5375-98
MW236	7908-95	MW240	5266-97	MW241	5392-96
MW236	8027-95	MW240	5277-97	MW241	5411-97
MW236	8156-95	MW240	5332-97	MW241	5447-98
MW238	5039-97	MW240	5374-98	MW241	5488-98
MW238	5114-97	MW240	5388-96	MW241	5518-97
MW238	5171-97	MW240	5410-97	MW241	5563-98
MW238	5192-98	MW240	5517-97	MW241	5577-97
MW238	5209-96	MW240	5562-98	MW241	5639-98
MW238	5264-97	MW240	5576-97	MW241	5655-96
MW238	5330-97	MW240	5638-98	MW241	5662-97
MW238	5372-98	MW240	5651-96	MW241	5754-97
MW238	5380-96	MW240	5661-97	MW241	5807-96
MW238	5408-97	MW240	5753-97	MW241	5864-96
MW238	5515-97	MW240	5806-96	MW241	5918-96
MW238	5560-98	MW240	5863-96	MW241	6009-96
MW238	5574-97	MW240	5878-96	MW241	6044-96
MW238	5636-98	MW240	5917-96	MW241	6051-95
MW238	5643-96	MW240	6008-96	MW241	6151-95
MW238	5659-97	MW240	6043-96	MW241	6166-96
MW238	5751-97	MW240	6047-95	MW241	6254-96
MW238	5804-96	MW240	6147-95	MW241	6310-96
MW238	5861-96	MW240	6165-96	MW241	6374-95
MW238	5915-96	MW240	6253-96	MW241	6397-96
MW238	6006-96	MW240	6309-96	MW241	6484-95
MW238	6039-95	MW240	6370-95	MW241	7114-95
MW238	6041-96	MW240	6396-96	MW241	7238-95
MW238	6139-95	MW240	6480-95	MW241	7369-95
MW238	6163-96	MW240	7110-95	MW241	7928-95
MW238	6251-96	MW240	7234-95	MW241	8044-95
MW238	6307-96	MW240	7365-95	MW241	8173-95
MW238	6362-95	MW240	7924-95	MW242	5175-97
MW238	6394-96	MW240	8040-95	MW242	5196-98
MW238	6472-95	MW240	8169-95	MW242	5225-96
MW238	7102-95	MW241	5042-97	MW242	5268-97

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW242	5334-97	MW243	5663-96	MW244	6012-96
MW242	5376-98	MW243	5664-97	MW244	6047-96
MW242	5396-96	MW243	5756-97	MW244	6063-95
MW242	5412-97	MW243	5809-96	MW244	6163-95
MW242	5519-97	MW243	5866-96	MW244	6169-96
MW242	5564-98	MW243	5920-96	MW244	6257-96
MW242	5578-97	MW243	5930-96	MW244	6313-96
MW242	5640-98	MW243	6011-96	MW244	6386-95
MW242	5659-96	MW243	6046-96	MW244	6400-96
MW242	5659-98	MW243	6059-95	MW244	6496-95
MW242	5663-97	MW243	6159-95	MW244	7126-95
MW242	5755-97	MW243	6168-96	MW244	7250-95
MW242	5808-96	MW243	6256-96	MW244	7381-95
MW242	5865-96	MW243	6312-96	MW244	7940-95
MW242	5919-96	MW243	6382-95	MW244	8056-95
MW242	6010-96	MW243	6399-96	MW244	8185-95
MW242	6045-96	MW243	6492-95	MW245	5046-97
MW242	6055-95	MW243	7122-95	MW245	5121-97
MW242	6155-95	MW243	7246-95	MW245	5178-97
MW242	6167-96	MW243	7377-95	MW245	5199-98
MW242	6255-96	MW243	7936-95	MW245	5271-97
MW242	6378-95	MW243	8052-95	MW245	5337-97
MW242	6488-95	MW243	8181-95	MW245	5379-98
MW242	7118-95	MW244	5045-97	MW245	5408-96
MW242	7242-95	MW244	5120-97	MW245	5415-97
MW242	7373-95	MW244	5177-97	MW245	5522-97
MW242	7932-95	MW244	5198-98	MW245	5567-98
MW242	8048-95	MW244	5233-96	MW245	5568-98
MW242	8177-95	MW244	5270-97	MW245	5581-97
MW243	5044-97	MW244	5336-97	MW245	5643-98
MW243	5119-97	MW244	5378-98	MW245	5662-98
MW243	5176-97	MW244	5404-96	MW245	5666-97
MW243	5197-98	MW244	5414-97	MW245	5671-96
MW243	5229-96	MW244	5521-97	MW245	5758-97
MW243	5269-97	MW244	5566-98	MW245	5811-96
MW243	5335-97	MW244	5580-97	MW245	5868-96
MW243	5377-98	MW244	5642-98	MW245	5922-96
MW243	5400-96	MW244	5661-98	MW245	6013-96
MW243	5413-97	MW244	5665-97	MW245	6048-96
MW243	5520-97	MW244	5667-96	MW245	6170-96
MW243	5565-98	MW244	5757-97	MW245	6258-96
MW243	5579-97	MW244	5810-96	MW245	6314-96
MW243	5641-98	MW244	5867-96	MW245	6401-96
MW243	5660-98	MW244	5921-96	MW245	7130-95

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW245	7254-95	MW249	5182-97	MW250	5342-97
MW245	7385-95	MW249	5203-98	MW250	5384-98
MW245	7944-95	MW249	5250-96	MW250	5420-97
MW248	5049-97	MW249	5275-97	MW250	5428-96
MW248	5124-97	MW249	5341-97	MW250	5449-98
MW248	5181-97	MW249	5383-98	MW250	5490-98
MW248	5202-98	MW249	5419-97	MW250	5527-97
MW248	5246-96	MW249	5424-96	MW250	5573-98
MW248	5274-97	MW249	5526-97	MW250	5586-97
MW248	5340-97	MW249	5572-98	MW250	5648-98
MW248	5382-97	MW249	5585-97	MW250	5667-98
MW248	5382-98	MW249	5647-98	MW250	5671-97
MW248	5418-97	MW249	5666-98	MW250	5691-96
MW248	5420-96	MW249	5670-97	MW250	5763-97
MW248	5525-97	MW249	5687-96	MW250	5816-96
MW248	5571-98	MW249	5762-97	MW250	5873-96
MW248	5584-97	MW249	5815-96	MW250	5927-96
MW248	5646-98	MW249	5872-96	MW250	6018-96
MW248	5665-98	MW249	5926-96	MW250	6053-96
MW248	5669-97	MW249	6017-96	MW250	6087-95
MW248	5683-96	MW249	6052-96	MW250	6175-96
MW248	5761-97	MW249	6083-95	MW250	6187-95
MW248	5814-96	MW249	6174-96	MW250	6263-96
MW248	5871-96	MW249	6183-95	MW250	6319-96
MW248	5925-96	MW249	6262-96	MW250	6406-96
MW248	6016-96	MW249	6318-96	MW250	6520-95
MW248	6051-96	MW249	6405-96	MW250	7150-95
MW248	6079-95	MW249	6516-95	MW250	7274-95
MW248	6173-96	MW249	7146-95	MW250	7405-95
MW248	6176-96	MW249	7270-95	MW250	7964-95
MW248	6179-95	MW249	7401-95	MW250	8080-95
MW248	6261-96	MW249	7960-95	MW250	8209-95
MW248	6317-96	MW249	8076-95	MW255	5173-98
MW248	6402-95	MW249	8205-95	MW255	5188-97
MW248	6404-96	MW250	5051-97	MW255	5352-98
MW248	6512-95	MW250	5104-98	MW255	5383-97
MW248	7142-95	MW250	5126-97	MW255	5428-97
MW248	7266-95	MW250	5183-97	MW255	5521-95
MW248	7397-95	MW250	5188-96	MW255	5563-96
MW248	7956-95	MW250	5204-98	MW255	5577-98
MW248	8072-95	MW250	5205-98	MW255	5643-97
MW248	8201-95	MW250	5269-98	MW255	5734-98
MW249	5050-97	MW250	5276-97	MW255	5840-97
MW249	5125-97	MW250	5303-98	MW255	5947-96

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW255	6129-96	MW260	5161-97	MW263	5035-98
MW255	6379-96	MW260	5164-98	MW263	5106-96
MW255	6532-95	MW260	5343-98	MW263	5239-98
MW255	7292-95	MW260	5398-97	MW263	5250-97
MW255	8221-95	MW260	5537-95	MW263	5294-95
MW256	5174-98	MW260	5579-96	MW263	5425-98
MW256	5189-97	MW260	5635-97	MW263	5491-97
MW256	5353-98	MW260	5718-98	MW263	5514-96
MW256	5429-97	MW260	5832-97	MW263	5607-98
MW256	5525-95	MW260	5951-96	MW263	5721-97
MW256	5567-96	MW260	6133-96	MW263	5753-96
MW256	5578-98	MW260	6370-96	MW263	5974-96
MW256	5644-97	MW260	6548-95	MW263	5982-96
MW256	5735-98	MW260	8237-95	MW263	5991-95
MW256	5841-97	MW261	5162-97	MW263	6207-96
MW256	5948-96	MW261	5165-98	MW263	6761-95
MW256	6130-96	MW261	5344-98	MW263	7012-94
MW256	6380-96	MW261	5399-97	MW263	7597-95
MW256	6536-95	MW261	5541-95	MW264	5011-97
MW256	8225-95	MW261	5583-96	MW264	5015-97
MW257	5529-95	MW261	5636-97	MW264	5036-98
MW257	5571-96	MW261	5719-98	MW264	5110-96
MW257	5949-96	MW261	5833-97	MW264	5240-98
MW257	6131-96	MW261	5952-96	MW264	5251-97
MW257	6369-96	MW261	6134-96	MW264	5298-95
MW257	6540-95	MW261	6371-96	MW264	5426-98
MW257	8229-95	MW261	6552-95	MW264	5492-97
MW258	5175-98	MW261	8241-95	MW264	5515-96
MW258	5190-97	MW262	5163-97	MW264	5608-98
MW258	5354-98	MW262	5166-98	MW264	5722-97
MW258	5430-97	MW262	5345-98	MW264	5757-96
MW258	5533-95	MW262	5384-97	MW264	5975-96
MW258	5575-96	MW262	5385-97	MW264	5995-95
MW258	5579-98	MW262	5400-97	MW264	6208-96
MW258	5645-97	MW262	5545-95	MW264	6765-95
MW258	5736-98	MW262	5587-96	MW264	7016-94
MW258	5842-97	MW262	5637-97	MW264	7601-95
MW258	5950-96	MW262	5720-98	MW265	5012-97
MW258	6132-96	MW262	5834-97	MW265	5037-98
MW258	6381-96	MW262	5953-96	MW265	5114-96
MW258	6544-95	MW262	6135-96	MW265	5241-98
MW258	7293-95	MW262	6372-96	MW265	5252-97
MW258	7423-95	MW262	8245-95	MW265	5302-95
MW258	8233-95	MW263	5010-97	MW265	5427-98

526564

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW265	5493-97	MW267	5612-98	MW270	5732-97
MW265	5516-96	MW267	5725-97	MW270	6226-95
MW265	5609-98	MW267	5726-97	MW270	6236-96
MW265	5723-97	MW267	5769-96	MW270	7324-95
MW265	5761-96	MW267	5978-96	MW271	5047-98
MW265	5773-96	MW267	6007-95	MW271	5067-97
MW265	5976-96	MW267	6011-95	MW271	5247-98
MW265	5999-95	MW267	6211-96	MW271	5285-97
MW265	6209-96	MW267	6777-95	MW271	5343-95
MW265	6769-95	MW267	7028-94	MW271	5438-98
MW265	7020-94	MW267	7613-95	MW271	5502-97
MW265	7605-95	MW268	5044-98	MW271	5619-98
MW266	5013-97	MW268	5064-97	MW271	5733-97
MW266	5038-98	MW268	5244-98	MW271	6230-95
MW266	5118-96	MW268	5282-97	MW271	6237-96
MW266	5242-98	MW268	5331-95	MW271	7325-95
MW266	5253-97	MW268	5435-98	MW272	5048-98
MW266	5306-95	MW268	5499-97	MW272	5068-97
MW266	5428-98	MW268	5616-98	MW272	5248-98
MW266	5494-97	MW268	5730-97	MW272	5286-97
MW266	5517-96	MW268	6218-95	MW272	5347-95
MW266	5610-98	MW268	6234-96	MW272	5439-98
MW266	5724-97	MW268	7322-95	MW272	5503-97
MW266	5765-96	MW269	5045-98	MW272	5620-98
MW266	5977-96	MW269	5065-97	MW272	5734-97
MW266	6003-95	MW269	5245-98	MW272	6234-95
MW266	6210-96	MW269	5283-97	MW272	6238-96
MW266	6212-96	MW269	5335-95	MW272	7326-95
MW266	6773-95	MW269	5436-98	MW273	5049-98
MW266	7024-94	MW269	5500-97	MW273	5069-97
MW266	7609-95	MW269	5617-98	MW273	5249-98
MW267	5014-97	MW269	5731-97	MW273	5287-97
MW267	5039-98	MW269	6222-95	MW273	5351-95
MW267	5040-98	MW269	6235-96	MW273	5440-98
MW267	5122-96	MW269	6244-96	MW273	5504-97
MW267	5126-96	MW269	7323-95	MW273	5621-98
MW267	5243-98	MW270	5046-98	MW273	5735-97
MW267	5254-97	MW270	5066-97	MW273	6238-95
MW267	5310-95	MW270	5246-98	MW273	6239-96
MW267	5429-98	MW270	5284-97	MW273	7327-95
MW267	5495-97	MW270	5339-95	MW274	5050-98
MW267	5518-96	MW270	5437-98	MW274	5070-97
MW267	5519-96	MW270	5501-97	MW274	5250-98
MW267	5611-98	MW270	5618-98	MW274	5288-97

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW274	5355-95	MW277	5291-97	MW288	5433-97
MW274	5441-98	MW277	5367-95	MW288	5546-98
MW274	5505-97	MW277	5445-98	MW288	5648-97
MW274	5622-98	MW277	5509-97	MW288	5739-98
MW274	5736-97	MW277	5626-98	MW288	5845-97
MW274	6240-96	MW277	5740-97	MW288	6116-96
MW274	6242-95	MW277	6243-96	MW288	6384-96
MW274	7328-95	MW277	6254-95	MW291	50037MW291090
MW275	5051-98	MW277	6258-95	MW291	50037MW291W065
MW275	5071-97	MW277	7331-95	MW291	50037MW291W070
MW275	5251-98	MW283	50037MW283W074	MW291	50037MW291W075
MW275	5289-97	MW283	5176-98	MW291	50037MW291W080
MW275	5359-95	MW283	5177-98	MW291	50037MW291W080D
MW275	5442-98	MW283	5191-97	MW291	50037MW291W085
MW275	5443-98	MW283	5355-98	MW291	50037MW291W095
MW275	5506-97	MW283	5431-97	MW291	5180-98
MW275	5507-97	MW283	5544-98	MW291	5194-97
MW275	5623-98	MW283	5646-97	MW291	5198-97
MW275	5737-97	MW283	5737-98	MW291	5358-98
MW275	6241-96	MW283	5843-97	MW291	5434-97
MW275	6246-95	MW283	6114-96	MW291	5435-97
MW275	7329-95	MW283	6382-96	MW291	5547-98
MW276	5052-98	MW283	6412-96	MW291	5548-98
MW276	5053-98	MW284	50037MW284D074	MW291	5649-97
MW276	5072-97	MW284	50037MW284W069	MW291	5740-98
MW276	5073-97	MW284	50037MW284W074	MW291	5846-97
MW276	5252-98	MW284	50037MW284W079	MW291	6117-96
MW276	5253-98	MW284	50037MW284W084	MW291	6385-96
MW276	5290-97	MW284	50037MW284W089	MW292	5181-98
MW276	5292-97	MW284	50037MW284W094	MW292	5195-97
MW276	5363-95	MW284	5178-98	MW292	5359-98
MW276	5371-95	MW284	5192-97	MW292	5436-97
MW276	5444-98	MW284	5356-98	MW292	5549-98
MW276	5508-97	MW284	5432-97	MW292	5650-97
MW276	5624-98	MW284	5545-98	MW292	5741-98
MW276	5625-98	MW284	5647-97	MW292	5742-98
MW276	5738-97	MW284	5738-98	MW292	5847-97
MW276	5739-97	MW284	5844-97	MW292	5862-97
MW276	6242-96	MW284	6115-96	MW292	6118-96
MW276	6250-95	MW284	6383-96	MW292	6386-96
MW276	7330-95	MW288	50037MW288W083	MW293	50037MW293W070
MW277	5054-98	MW288	5179-98	MW293	5182-98
MW277	5074-97	MW288	5193-97	MW293	5196-97
MW277	5254-98	MW288	5357-98	MW293	5360-98

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW293	5361-98	MW327	38-GW-327-01-F	MW330	10-GW-330-01-C
MW293	5437-97	MW327	38-GW-827-01-F	MW330	10-GW-330-01-F
MW293	5550-98	MW327	5224-98	MW330	5225-98
MW293	5651-97	MW327	5345-96	MW330	5349-96
MW293	5752-98	MW327	5573-95	MW330	5585-95
MW293	5848-97	MW327	5846-96	MW330	5847-96
MW293	6119-96	MW327	6075-96	MW330	6076-96
MW293	6387-96	MW327	6346-96	MW330	6347-96
MW294	50037MW294W058	MW327	6696-95	MW330	6708-95
MW294	50037MW294W063	MW327	7463-95	MW330	7545-95
MW294	50037MW294W068	MW328	38-GW-328-01-F	MW330	8367-95
MW294	50037MW294W077	MW328	5082-98	MW333	5076-97
MW294	50037MW294W083	MW328	5164-97	MW333	5084-98
MW294	50037MW294W088	MW328	5281-98	MW333	5140-98
MW294	5183-98	MW328	5401-97	MW333	5140-98FILT45
MW294	5197-97	MW328	5477-98	MW333	5140-98FILT5
MW294	5362-98	MW328	5577-95	MW333	5283-98
MW294	5438-97	MW328	5638-97	MW333	5479-98
MW294	5551-98	MW328	5682-98	MW333	5684-98
MW294	5652-97	MW328	5695-96	MW333	5688-97
MW294	5743-98	MW328	5781-97	MW333	5783-97
MW294	5849-97	MW328	5928-96	MW333	M33311
MW294	6120-96	MW328	6136-96	MW337	5077-97
MW294	6388-96	MW328	6373-96	MW337	5085-98
MW325	36-GW-325-01-F	MW328	6700-95	MW337	5141-98
MW325	36-GW-825-01-F	MW328	7537-95	MW337	5141-98FILT45
MW325	5222-98	MW328	8359-95	MW337	5141-98FILT5
MW325	5337-96	MW329	38-GW-329-01-F	MW337	5284-98
MW325	5565-95	MW329	5083-98	MW337	5480-98
MW325	5844-96	MW329	5165-97	MW337	5685-98
MW325	6073-96	MW329	5282-98	MW337	5689-97
MW325	6344-96	MW329	5402-97	MW337	5784-97
MW325	6688-95	MW329	5478-98	MW337	M33711
MW325	7455-95	MW329	5581-95	MW338	5078-97
MW326	36-GW-326-01-C	MW329	5639-97	MW338	5086-98
MW326	36-GW-326-01-F	MW329	5683-98	MW338	5142-98
MW326	5223-98	MW329	5699-96	MW338	5142-98FILT45
MW326	5341-96	MW329	5782-97	MW338	5142-98FILT5
MW326	5569-95	MW329	5929-96	MW338	5285-98
MW326	5845-96	MW329	6137-96	MW338	5481-98
MW326	6074-96	MW329	6374-96	MW338	5686-98
MW326	6345-96	MW329	6704-95	MW338	5690-97
MW326	6692-95	MW329	7541-95	MW338	5785-97
MW326	7459-95	MW329	8363-95	MW338	M33811

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW339	5143-98	MW38	7262-93	MW43	4389-93
MW339	5143-98FILT45	MW39	4020-94	MW43	4500-93
MW339	5143-98FILT5	MW39	4033-93	MW43	4697-93
MW339	5286-98	MW39	4116-93	MW43	5082-94
MW339	5482-98	MW39	4640-93	MW43	5821-94
MW339	5687-98	MW39	4874-93	MW43	6158-93
MW339	M33911	MW39	5066-94	MW43	6942-93
MW340	5088-98	MW39	5805-94	MW44	4040-94
MW340	5144-98	MW39	5924-93	MW44	4053-93
MW340	5144-98FILT45	MW39	6926-93	MW44	4413-93
MW340	5144-98FILT5	MW39	7263-93	MW44	4501-93
MW340	5287-98	MW40	4024-94	MW44	4701-93
MW340	5483-98	MW40	4037-93	MW44	5086-94
MW340	5688-98	MW40	4117-93	MW44	5114-94
MW340	5692-97	MW40	4405-93	MW44	5825-94
MW340	5787-97	MW40	4669-93	MW44	6162-93
MW340	M34011	MW40	5070-94	MW44	6946-93
MW341	5721-98	MW40	5809-94	MW46	4459-93
MW342	5722-98	MW40	5928-93	MW48	4341-93
MW343	5723-98	MW40	6930-93	MW48	4467-93
MW344	5313-98	MW41	4028-94	MW48	4776-93
MW344	5499-98	MW41	4041-93	MW50	4231-93
MW344	5695-98	MW41	4118-93	MW51	4235-93
MW344	5710-98	MW41	4381-93	MW52	4239-93
MW352	MW352WA090C	MW41	4385-93	MW52	4777-93
MW352	MW352WA095C	MW41	4499-93	MW53	4243-93
MW352	MW352WA100C	MW41	4673-93	MW53	4778-93
MW352	MW352WA105C	MW41	5074-94	MW54	4247-93
MW353	MW353WA070C	MW41	5813-94	MW54	4779-93
MW353	MW353WA075C	MW41	5853-94	MW63	4255-93
MW353	MW353WA080C	MW41	5894-94	MW63	4387-94
MW353	MW353WD080C	MW41	5932-93	MW63	5021-93
MW38	4016-94	MW41	6934-93	MW63	5075-98
MW38	4029-93	MW42	4032-94	MW63	5129-97
MW38	4115-93	MW42	4045-93	MW63	5265-96
MW38	4397-93	MW42	4119-93	MW63	5274-98
MW38	4401-93	MW42	4409-93	MW63	5303-97
MW38	4498-93	MW42	4693-93	MW63	5379-94
MW38	4636-93	MW42	5078-94	MW63	5470-98
MW38	4877-93	MW42	5817-94	MW63	5542-97
MW38	5062-94	MW42	6154-93	MW63	5599-95
MW38	5801-94	MW42	6938-93	MW63	5705-98
MW38	5920-93	MW43	4036-94	MW63	5774-97
MW38	6922-93	MW43	4049-93	MW63	5852-96

526568

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW63	6087-96	MW66	1110205-27	MW66	1110505-045
MW63	6228-94	MW66	1110205-28	MW66	1110505-046
MW63	6276-96	MW66	1110205-29	MW66	1110505-047
MW63	6316-93	MW66	1110205-30	MW66	1110505-048
MW63	6576-95	MW66	1110205-31	MW66	1110505-049
MW63	6932-94	MW66	1110205-32	MW66	1110505-050
MW63	7352-93	MW66	1110205-33	MW66	1110505-051
MW63	7415-95	MW66	1110205-34	MW66	1110505-052
MW63	8269-95	MW66	1110205-35	MW66	4218-93
MW63	M06311	MW66	1110205-36	MW66	4267-93
MW65	4263-93	MW66	1110205-37	MW66	4316-94
MW65	4395-94	MW66	1110205-38	MW66	4543-93
MW65	5029-93	MW66	1110205-39	MW66	4584-94
MW65	5076-98	MW66	1110205-40	MW66	4586-93
MW65	5130-97	MW66	1110205-41	MW66	4587-93
MW65	5269-96	MW66	1110205-42	MW66	4588-93
MW65	5275-98	MW66	1110205-43	MW66	4589-93
MW65	5304-97	MW66	1110205-44	MW66	4590-93
MW65	5387-94	MW66	1110205-45	MW66	4591-93
MW65	5471-98	MW66	1110205-46	MW66	4592-93
MW65	5543-97	MW66	1110205-47	MW66	4593-93
MW65	5603-95	MW66	1110205-48	MW66	4594-93
MW65	5706-98	MW66	1110205-49	MW66	4595-93
MW65	5775-97	MW66	1110205-50	MW66	4596-93
MW65	5853-96	MW66	1110205-51	MW66	4597-93
MW65	6088-96	MW66	1110205-52	MW66	4598-93
MW65	6236-94	MW66	1110205-53	MW66	4599-93
MW65	6277-96	MW66	1110205-54	MW66	4600-93
MW65	6324-93	MW66	1110205-55	MW66	4601-93
MW65	6580-95	MW66	1110205-56	MW66	4602-93
MW65	6940-94	MW66	1110205-57	MW66	4603-93
MW65	7360-93	MW66	1110205-58	MW66	4604-93
MW65	7419-95	MW66	1110205-59	MW66	4605-93
MW65	8273-95	MW66	1110205-60	MW66	4627-93
MW65	M06511	MW66	1110205-61	MW66	4860-94
MW66	1110205-03	MW66	1110205-68	MW66	5017-93
MW66	1110205-04	MW66	1110205-69	MW66	5018-98
MW66	1110205-11	MW66	1110205-70	MW66	5048-99
MW66	1110205-21	MW66	1110205-71	MW66	5052-97
MW66	1110205-22	MW66	1110205-72	MW66	5056-99
MW66	1110205-23	MW66	1110205-73	MW66	5095-98
MW66	1110205-24	MW66	1110205-74	MW66	5127-97
MW66	1110205-25	MW66	1110205-75	MW66	5147-94
MW66	1110205-26	MW66	1110205-76	MW66	5184-97

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW66	5206-98	MW66	6864-93	MW84	5131-95
MW66	5254-96	MW66	7047-94	MW84	5196-95
MW66	5265-98	MW66	7168-95	MW84	5225-97
MW66	5278-97	MW66	7188-95	MW84	5343-93
MW66	5302-94	MW66	7196-94	MW84	5401-98
MW66	5304-98	MW66	7226-93	MW84	5464-97
MW66	5321-97	MW66	7333-95	MW84	5694-97
MW66	5354-96	MW66	7684-93	MW84	5702-93
MW66	5370-97	MW66	7892-95	MW84	5706-95
MW66	5385-98	MW66	7962-93	MW84	5768-93
MW66	5407-95	MW66	8011-95	MW84	5768-95
MW66	5421-97	MW66	8029-93	MW84	5833-95
MW66	5450-98	MW66	8030-93	MW84	5834-93
MW66	5491-98	MW66	8031-93	MW84	5886-96
MW66	5509-95	MW66	8032-93	MW84	5895-94
MW66	5528-97	MW66	8381-95	MW84	5898-95
MW66	5540-98	MW66	M06611	MW84	5900-96
MW66	5568-97	MW67	4271-93	MW84	5983-96
MW66	5598-93	MW67	5148-98	MW84	5985-94
MW66	5599-96	MW67	5148-98FILT45	MW84	6000-96
MW66	5607-95	MW67	5148-98FILT5	MW84	6014-93
MW66	5627-98	MW67	M06711	MW84	6078-94
MW66	5653-94	MW68	4220-93	MW84	6192-93
MW66	5653-97	MW68	4275-93	MW84	6216-96
MW66	5696-95	MW68	4332-94	MW84	6397-94
MW66	5703-98	MW68	4553-93	MW84	6794-95
MW66	5727-98	MW68	5171-94	MW84	6863-95
MW66	5741-97	MW68	5186-93	MW84	6932-95
MW66	5798-96	MW68	6010-94	MW84	6989-93
MW66	5808-97	MW68	6288-93	MW84	7001-95
MW66	5836-97	MW68	6853-94	MW84	7121-93
MW66	5854-96	MW68	7230-93	MW84	7425-93
MW66	5904-96	MW84	4082-94	MW84	7600-93
MW66	6019-96	MW84	4149-94	MW84	7629-95
MW66	6035-96	MW84	4160-93	MW84	7696-95
MW66	6115-95	MW84	4448-94	MW84	7764-95
MW66	6154-96	MW84	4514-94	MW84	7832-95
MW66	6245-96	MW84	4826-93	MW86	4090-94
MW66	6271-93	MW84	4927-93	MW86	4157-94
MW66	6294-95	MW84	5000-95	MW86	4168-93
MW66	6301-96	MW84	5003-98	MW86	4456-94
MW66	6407-96	MW84	5009-96	MW86	4522-94
MW66	6448-95	MW84	5019-97	MW86	4834-93
MW66	6554-93	MW84	5065-95	MW86	4935-93

526570

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW86	5005-98	MW87	4460-94	MW87	7844-95
MW86	5008-95	MW87	4526-94	MW89	4102-94
MW86	5017-96	MW87	4838-93	MW89	4169-94
MW86	5021-97	MW87	4939-93	MW89	4180-93
MW86	5073-95	MW87	5006-98	MW89	4468-94
MW86	5139-95	MW87	5012-95	MW89	4534-94
MW86	5204-95	MW87	5021-96	MW89	4846-93
MW86	5227-97	MW87	5022-97	MW89	4947-93
MW86	5351-93	MW87	5077-95	MW89	5008-98
MW86	5403-98	MW87	5143-95	MW89	5016-95
MW86	5466-97	MW87	5208-95	MW89	5024-97
MW86	5696-97	MW87	5228-97	MW89	5029-96
MW86	5708-97	MW87	5355-93	MW89	5081-95
MW86	5710-93	MW87	5404-98	MW89	5147-95
MW86	5714-95	MW87	5444-94	MW89	5212-95
MW86	5776-93	MW87	5467-97	MW89	5230-97
MW86	5776-95	MW87	5697-97	MW89	5363-93
MW86	5841-95	MW87	5714-93	MW89	5406-98
MW86	5842-93	MW87	5718-95	MW89	5469-97
MW86	5888-96	MW87	5780-93	MW89	5699-97
MW86	5903-94	MW87	5780-95	MW89	5722-93
MW86	5906-95	MW87	5845-95	MW89	5722-95
MW86	5985-96	MW87	5846-93	MW89	5784-95
MW86	6022-93	MW87	5889-96	MW89	5788-93
MW86	6086-94	MW87	5907-94	MW89	5849-95
MW86	6200-93	MW87	5910-95	MW89	5854-93
MW86	6218-96	MW87	5986-96	MW89	5891-96
MW86	6320-94	MW87	6026-93	MW89	5914-95
MW86	6405-94	MW87	6090-94	MW89	5915-94
MW86	6802-95	MW87	6204-93	MW89	5988-96
MW86	6871-95	MW87	6219-96	MW89	6034-93
MW86	6940-95	MW87	6324-94	MW89	6098-94
MW86	6997-93	MW87	6409-94	MW89	6212-93
MW86	7009-95	MW87	6806-95	MW89	6221-96
MW86	7129-93	MW87	6875-95	MW89	6230-96
MW86	7433-93	MW87	6944-95	MW89	6332-94
MW86	7608-93	MW87	7001-93	MW89	6417-94
MW86	7637-95	MW87	7013-95	MW89	6814-95
MW86	7704-95	MW87	7133-93	MW89	6883-95
MW86	7772-95	MW87	7437-93	MW89	6952-95
MW86	7840-95	MW87	7612-93	MW89	7009-93
MW87	4094-94	MW87	7641-95	MW89	7021-95
MW87	4161-94	MW87	7708-95	MW89	7141-93
MW87	4172-93	MW87	7776-95	MW89	7445-93

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW89	7620-93	MW90	6956-95	MW92	6429-94
MW89	7649-95	MW90	7013-93	MW92	6826-95
MW89	7716-95	MW90	7025-95	MW92	6895-95
MW89	7784-95	MW90	7145-93	MW92	6964-95
MW89	7852-95	MW90	7449-93	MW92	7021-93
MW90	4106-94	MW90	7624-93	MW92	7033-95
MW90	4173-94	MW90	7720-95	MW92	7153-93
MW90	4184-93	MW90	7788-95	MW92	7457-93
MW90	4472-94	MW90	7856-95	MW92	7632-93
MW90	4538-94	MW92	4115-94	MW92	7728-95
MW90	4791-93	MW92	4181-94	MW92	7796-95
MW90	4951-93	MW92	4192-93	MW92	7864-95
MW90	5009-98	MW92	4196-93	MW93	4119-94
MW90	5020-95	MW92	4480-94	MW93	4185-94
MW90	5025-97	MW92	4546-94	MW93	4484-94
MW90	5033-96	MW92	4799-93	MW93	4550-94
MW90	5085-95	MW92	4959-93	MW93	4803-93
MW90	5151-95	MW92	5011-98	MW93	4963-93
MW90	5216-95	MW92	5027-97	MW93	5012-98
MW90	5231-97	MW92	5028-95	MW93	5028-97
MW90	5367-93	MW92	5041-96	MW93	5032-95
MW90	5407-98	MW92	5093-95	MW93	5045-96
MW90	5445-94	MW92	5159-95	MW93	5097-95
MW90	5470-97	MW92	5224-95	MW93	5163-95
MW90	5700-97	MW92	5233-97	MW93	5191-95
MW90	5726-93	MW92	5375-93	MW93	5228-95
MW90	5726-95	MW92	5409-98	MW93	5234-97
MW90	5788-95	MW92	5472-97	MW93	5237-97
MW90	5792-93	MW92	5702-97	MW93	5379-93
MW90	5853-95	MW92	5734-93	MW93	5410-98
MW90	5858-93	MW92	5734-95	MW93	5473-97
MW90	5892-96	MW92	5796-95	MW93	5703-97
MW90	5918-95	MW92	5800-93	MW93	5738-93
MW90	5919-94	MW92	5861-95	MW93	5738-95
MW90	5989-96	MW92	5866-93	MW93	5800-95
MW90	6048-93	MW92	5894-96	MW93	5804-93
MW90	6102-94	MW92	5926-95	MW93	5865-95
MW90	6216-93	MW92	5927-94	MW93	5870-93
MW90	6222-96	MW92	5991-96	MW93	5885-95
MW90	6369-94	MW92	6056-93	MW93	5895-96
MW90	6382-94	MW92	6110-94	MW93	5930-95
MW90	6421-94	MW92	6224-93	MW93	5931-94
MW90	6818-95	MW92	6224-96	MW93	5992-96
MW90	6887-95	MW92	6340-94	MW93	6060-93

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW93	6114-94	MW95	5878-93	MW98	7427-95
MW93	6225-96	MW95	5897-96	MW98	7854-93
MW93	6228-93	MW95	5938-95	MW98	8277-95
MW93	6348-94	MW95	5939-94	MW99	4693-94
MW93	6433-94	MW95	5994-96	MW99	5154-98
MW93	6830-95	MW95	6068-93	MW99	5310-93
MW93	6899-95	MW95	6122-94	MW99	5333-98
MW93	6919-95	MW95	6227-96	MW99	5388-97
MW93	6968-95	MW95	6236-93	MW99	5509-94
MW93	7025-93	MW95	6356-94	MW99	5524-96
MW93	7037-95	MW95	6441-94	MW99	5615-95
MW93	7157-93	MW95	6838-95	MW99	5625-97
MW93	7461-93	MW95	6850-95	MW99	5708-98
MW93	7636-93	MW95	6907-95	MW99	5822-97
MW93	7732-95	MW95	6976-95	MW99	5935-96
MW93	7800-95	MW95	7033-93	MW99	6156-96
MW93	7820-95	MW95	7045-95	MW99	6575-93
MW93	7868-95	MW95	7165-93	MW99	6588-95
MW95	4127-94	MW95	7469-93	MW99	6636-94
MW95	4193-94	MW95	7644-93	MW99	7268-94
MW95	4204-93	MW95	7740-95	MW99	7435-95
MW95	4492-94	MW95	7808-95	MW99	7858-93
MW95	4562-94	MW95	7876-95	MW99	8281-95
MW95	4811-93	MW95	7888-95	P4-A2	1110101-0686
MW95	4971-93	MW98	4689-94	P4-A2	1110101-0687
MW95	5014-98	MW98	5150-97	P4-A2	1110101-0692
MW95	5030-97	MW98	5153-98	P4-A3	1110101-0711
MW95	5040-95	MW98	5240-94	P4-A3	1110101-0712
MW95	5053-96	MW98	5306-93	P4-A3	1110101-0713
MW95	5105-95	MW98	5332-98	P4-B3	1110101-0717
MW95	5171-95	MW98	5387-97	P4-B3	1110101-0718
MW95	5236-95	MW98	5505-94	P4-B4	1110101-0730
MW95	5236-97	MW98	5520-96	P4-B4	1110101-0731
MW95	5256-95	MW98	5611-95	P4-B4	1110101-0732
MW95	5387-93	MW98	5624-97	P4-B5	1110101-0735
MW95	5412-98	MW98	5707-98	P4-B5	1110101-0736
MW95	5475-97	MW98	5821-97	P4-B5	1110101-0737
MW95	5705-97	MW98	5934-96	P4-B5	1110101-0738
MW95	5746-93	MW98	6155-96	P4-C10	1110101-0751
MW95	5746-95	MW98	6356-96	P4-C10	1110101-0752
MW95	5758-95	MW98	6571-93	P4-C10	1110101-0753
MW95	5808-95	MW98	6584-95	P4-C2	1110101-0756
MW95	5812-93	MW98	6632-94	P4-C2	1110101-0757
MW95	5873-95	MW98	7264-94	P4-C4	1110101-0266

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Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
P4-C4	1110101-0267	P4-E2	1110101-0295	P4-G11	1110101-0775
P4-C4	1110101-0268	P4-E2	1110101-0296	P4-G11	1110101-0777
P4-C5	1110101-0241	P4-E4	1110101-0285	P4-G11	1110101-0778
P4-C5	1110101-0245	P4-E4	1110101-0286	P4-G12	1110101-0820
P4-C5	1110101-0246	P4-E4	1110101-0287	P4-G12	1110101-0821
P4-C5	1110101-0247	P4-E4	1110101-0292	P4-G12	1110101-0822
P4-C7	1110101-0655	P4-E6	1110101-0273	P4-G12	1110101-0823
P4-C7	1110101-0656	P4-E6	1110101-0274	P4-G2	1110101-0320
P4-C7	1110101-0657	P4-E6	1110101-0275	P4-G2	1110101-0321
P4-C7	1110101-0658	P4-E7	1110101-0760	P4-G2	1110101-0322
P4-C9	1110101-0637	P4-E7	1110101-0761	P4-G2	1110101-0323
P4-C9	1110101-0638	P4-E7	1110101-0762	P4-G3	1110101-0329
P4-C9	1110101-0639	P4-E8	1110101-0836	P4-G3	1110101-0330
P4-D10	1110101-0231	P4-E8	1110101-0837	P4-G5	1110101-0342
P4-D10	1110101-0232	P4-F1	1110101-0871	P4-G5	1110101-0347
P4-D10	1110101-0233	P4-F1	1110101-0872	P4-G5	1110101-0348
P4-D11	1110101-0622	P4-F1	1110101-0873	P4-G5	1110101-0351
P4-D11	1110101-0623	P4-F1	1110101-0874	P4-G7	1110101-0770
P4-D12A	1110101-0666	P4-F2	1110101-0831	P4-G7	1110101-0771
P4-D12A	1110101-0667	P4-F2	1110101-0832	P4-G8	1110101-0372
P4-D12A	1110101-0668	P4-F2	1110101-0833	P4-G8	1110101-0373
P4-D12A	1110101-0669	P4-F2	1110101-0834	P4-G9	1110101-0377
P4-D4	1110101-0632	P4-F3	1110101-0392	P4-G9	1110101-0378
P4-D4	1110101-0633	P4-F3	1110101-0397	P4-H5	1110101-0792
P4-D4	1110101-0634	P4-F3	1110101-0398	P4-H5	1110101-0793
P4-D5	1110101-0695	P4-F4	1110101-0882	P4-H6	1110101-0768
P4-D5	1110101-0696	P4-F4	1110101-0883	P4-H6	1110101-0769
P4-D5	1110101-0697	P4-F4	1110101-0884	P4-H7	1110101-0785
P4-D6	1110101-0601	P4-F5	1110101-0827	P4-H7	1110101-0786
P4-D6	1110101-0602	P4-F5	1110101-0828	P4-H7	1110101-0787
P4-D6	1110101-0606	P4-F6	1110101-0356	PZ117	1110101-0390
P4-D7	1110101-0206	P4-F6	1110101-0357	PZ118	1110101-0388
P4-D7	1110101-0207	P4-F6	1110101-0368	PZ287	50037MW287W068
P4-D7	1110101-0208	P4-F7	1110101-0382	PZ287	50037MW287W078
P4-D8	1110101-0213	P4-F7	1110101-0383	PZ287	50037MW287W083
P4-D8	1110101-0214	P4-F7	1110101-0384	PZ287	50037MW287W088
P4-D8	1110101-0226	P4-F7	1110101-0385	PZ287	50037MW287W093
P4-D9	1110101-0612	P4-F8	1110101-0797	PZ289	50037PZ289W088
P4-D9	1110101-0613	P4-F8	1110101-0798	R10	4001-93
P4-E1	1110101-0888	P4-F8	1110101-0799	R10	4107-93
P4-E1	1110101-0889	P4-F8	1110101-0800	R10	4125-93
P4-E1	1110101-0890	P4-G1	1110101-0334	R10	4148-93
P4-E1	1110101-0891	P4-G1	1110101-0335	R10	4223-93
P4-E2	1110101-0294	P4-G1	1110101-0336	R10	4310-93

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
R10	4345-93	R10	7950-93	R12	5266-93
R10	4345-94	R10	8005-93	R12	5353-96
R10	4428-93	R10	8018-93	R12	5396-93
R10	4443-93	R10	8053-93	R12	5508-93
R10	4490-93	R10	8054-93	R12	5508-98
R10	4510-93	R10	8070-93	R12	5596-97
R10	4531-93	R105	6744-94	R12	5613-93
R10	4558-93	R112	4363-93	R12	5686-93
R10	4657-93	R112	4757-93	R12	5894-93
R10	4712-93	R112	5331-93	R12	6104-96
R10	4743-93	R112	6645-93	R12	6132-93
R10	4763-93	R112	7285-93	R12	6266-93
R10	4782-93	R112	7993-93	R12	6308-93
R10	4913-93	R113	4219-93	R12	6357-93
R10	5059-93	R113	4440-93	R12	6412-93
R10	5101-93	R114	5123-98	R12	6515-93
R10	5263-93	R114	5456-97	R12	6549-93
R10	5393-93	R114	5519-98	R12	6653-93
R10	5505-93	R114	5621-97	R12	6828-93
R10	5610-93	R114	7291-95	R12	6829-93
R10	5683-93	R12	4004-93	R12	6843-93
R10	5891-93	R12	4110-93	R12	6896-93
R10	6129-93	R12	4128-93	R12	7060-93
R10	6263-93	R12	4151-93	R12	7173-95
R10	6305-93	R12	4226-93	R12	7211-93
R10	6354-93	R12	4258-94	R12	7271-93
R10	6409-93	R12	4320-93	R12	7326-93
R10	6505-93	R12	4348-93	R12	7347-93
R10	6546-93	R12	4431-93	R12	7496-93
R10	6650-93	R12	4446-93	R12	7593-93
R10	6825-93	R12	4493-93	R12	7594-93
R10	6840-93	R12	4513-93	R12	7676-93
R10	6893-93	R12	4534-93	R12	7941-93
R10	7057-93	R12	4561-93	R12	7953-93
R10	7157-95	R12	4660-93	R12	8008-93
R10	7208-93	R12	4715-93	R12	8021-93
R10	7268-93	R12	4746-93	R12	8059-93
R10	7320-93	R12	4766-93	R12	8076-93
R10	7321-93	R12	4785-93	R13	4007-93
R10	7341-93	R12	4923-93	R13	4113-93
R10	7492-93	R12	5062-93	R13	4131-93
R10	7578-93	R12	5088-97	R13	4154-93
R10	7673-93	R12	5104-93	R13	4229-93
R10	7938-93	R12	5112-98	R13	4312-93

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	**Sample ID**	**Station Name**	**Sample ID**	**Station Name**	**Sample ID**
R13	4351-93	R13	7329-93	R14	5895-93
R13	4351-94	R13	7350-93	R14	6105-96
R13	4361-94	R13	7499-93	R14	6133-93
R13	4434-93	R13	7580-93	R14	6267-93
R13	4449-93	R13	7680-93	R14	6309-93
R13	4496-93	R13	7945-93	R14	6358-93
R13	4516-93	R13	7956-93	R14	6413-93
R13	4537-93	R13	7957-93	R14	6516-93
R13	4564-93	R13	8011-93	R14	6550-93
R13	4663-93	R13	8024-93	R14	6654-93
R13	4718-93	R13	8062-93	R14	6844-93
R13	4749-93	R13	8079-93	R14	6897-93
R13	4769-93	R14	4005-93	R14	7061-93
R13	4788-93	R14	4111-93	R14	7174-95
R13	4915-93	R14	4129-93	R14	7212-93
R13	5065-93	R14	4152-93	R14	7272-93
R13	5089-97	R14	4227-93	R14	7327-93
R13	5107-93	R14	4259-94	R14	7348-93
R13	5113-98	R14	4321-93	R14	7497-93
R13	5269-93	R14	4349-93	R14	7595-93
R13	5399-93	R14	4432-93	R14	7677-93
R13	5455-96	R14	4447-93	R14	7678-93
R13	5509-98	R14	4494-93	R14	7942-93
R13	5511-93	R14	4514-93	R14	7954-93
R13	5597-97	R14	4535-93	R14	8009-93
R13	5616-93	R14	4562-93	R14	8022-93
R13	5689-93	R14	4661-93	R14	8060-93
R13	5897-93	R14	4716-93	R14	8077-93
R13	6101-96	R14	4747-93	R19	4006-93
R13	6135-93	R14	4767-93	R19	4112-93
R13	6269-93	R14	4786-93	R19	4130-93
R13	6311-93	R14	4924-93	R19	4153-93
R13	6360-93	R14	5063-93	R19	4228-93
R13	6415-93	R14	5090-97	R19	4260-94
R13	6507-93	R14	5105-93	R19	4265-94
R13	6552-93	R14	5114-98	R19	4322-93
R13	6656-93	R14	5267-93	R19	4350-93
R13	6831-93	R14	5358-96	R19	4433-93
R13	6846-93	R14	5397-93	R19	4448-93
R13	6899-93	R14	5509-93	R19	4495-93
R13	7063-93	R14	5510-98	R19	4515-93
R13	7159-95	R14	5598-97	R19	4536-93
R13	7214-93	R14	5614-93	R19	4563-93
R13	7274-93	R14	5687-93	R19	4662-93

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Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
R19	4717-93	R19	8078-93	R2	5812-97
R19	4748-93	R2	4217-93	R2	5848-96
R19	4768-93	R2	4307-93	R2	5853-97
R19	4787-93	R2	4355-94	R2	5959-96
R19	4925-93	R2	5053-99	R2	6020-96
R19	5064-93	R2	5056-97	R2	6089-96
R19	5091-97	R2	5058-98	R2	6099-95
R19	5106-93	R2	5071-98	R2	6138-96
R19	5115-98	R2	5082-97	R2	6157-94
R19	5268-93	R2	5205-97	R2	6158-94
R19	5359-96	R2	5209-97	R2	6267-96
R19	5398-93	R2	5210-98	R2	6274-95
R19	5510-93	R2	5211-98	R2	6275-95
R19	5511-98	R2	5261-98	R2	6293-96
R19	5599-97	R2	5270-98	R2	6294-96
R19	5615-93	R2	5276-94	R2	6348-96
R19	5688-93	R2	5296-97	R2	6429-95
R19	5896-93	R2	5356-97	R2	6502-93
R19	6106-96	R2	5389-98	R2	6575-94
R19	6134-93	R2	5390-98	R2	6712-95
R19	6268-93	R2	5397-95	R2	6713-95
R19	6310-93	R2	5398-95	R2	7037-94
R19	6359-93	R2	5442-97	R2	7040-94
R19	6414-93	R2	5448-96	R2	7154-95
R19	6517-93	R2	5454-98	R2	7177-94
R19	6551-93	R2	5472-94	R2	7191-94
R19	6655-93	R2	5473-94	R2	7310-95
R19	6830-93	R2	5478-95	R2	7332-95
R19	6845-93	R2	5503-98	R2	7336-94
R19	6898-93	R2	5532-97	R2	7337-94
R19	7062-93	R2	5580-98	R2	7549-95
R19	7213-93	R2	5589-95	R2	7550-95
R19	7273-93	R2	5590-97	R2	7575-93
R19	7328-93	R2	5591-96	R2	7968-95
R19	7349-93	R2	5595-96	R2	8084-95
R19	7498-93	R2	5653-98	R2	8371-95
R19	7596-93	R2	5675-97	R2	8372-95
R19	7679-93	R2	5685-94	R20	5092-97
R19	7943-93	R2	5699-98	R20	5116-98
R19	7944-93	R2	5700-98	R20	5479-96
R19	7955-93	R2	5748-98	R20	5512-98
R19	8010-93	R2	5767-97	R20	5600-97
R19	8023-93	R2	5772-97	R20	6099-96
R19	8061-93	R2	5778-96	R21	4100-93

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
R21	4313-93	R25	4868-93	R293	6855-93
R21	4503-93	R25	6145-93	R293	7281-95
R21	4721-93	R25	6850-93	R293	7313-95
R21	4916-93	R25	7928-93	R293	7982-95
R21	5093-97	R253	5288-94	R293	7983-95
R21	5117-98	R253	5487-95	R293	8086-95
R21	5456-96	R253	6155-94	R293	8374-95
R21	5513-98	R253	6441-95	R294	4008-93
R21	5523-93	R253	6511-93	R294	4114-93
R21	5601-97	R253	7163-95	R294	4132-93
R21	6100-96	R253	7189-94	R294	4155-93
R21	6105-93	R254	4317-93	R294	4205-94
R21	6363-93	R254	4920-93	R294	4206-94
R21	6834-93	R254	5488-95	R294	4230-93
R21	7160-95	R254	6156-94	R294	4323-93
R22	4360-93	R254	6442-95	R294	4352-93
R22	4753-93	R254	7164-95	R294	4435-93
R22	5327-93	R254	7190-94	R294	4450-93
R22	6540-93	R254	7585-93	R294	4497-93
R22	7281-93	R26	4314-93	R294	4517-93
R22	7989-93	R26	4754-93	R294	4538-93
R222	5493-95	R26	5328-93	R294	4565-93
R23	4261-94	R26	6509-93	R294	4664-93
R23	4871-93	R26	7161-95	R294	4668-94
R23	5094-97	R26	7282-93	R294	4671-94
R23	5118-98	R26	7990-93	R294	4719-93
R23	5360-96	R278	4365-93	R294	4750-93
R23	5514-98	R278	4759-93	R294	4770-93
R23	5602-97	R278	5300-93	R294	4789-93
R23	6107-96	R278	5609-97	R294	4849-94
R23	6148-93	R278	6542-93	R294	4850-94
R23	6854-93	R278	7289-93	R294	4853-94
R23	7177-95	R278	7997-93	R294	4854-94
R23	7927-93	R28	4142-93	R294	4926-93
R23	7936-93	R28	4476-93	R294	5054-99
R24	4359-93	R28	4867-93	R294	5058-97
R24	4752-93	R28	6144-93	R294	5059-98
R24	5326-93	R28	6849-93	R294	5060-97
R24	6539-93	R28	7929-93	R294	5060-98
R24	7280-93	R293	4146-93	R294	5066-93
R24	7987-93	R293	4480-93	R294	5084-97
R24	7988-93	R293	4872-93	R294	5086-97
R25	4143-93	R293	5611-97	R294	5108-93
R25	4477-93	R293	6149-93	R294	5108-98

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Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
R294	5109-98	R294	5690-93	R294	7039-94
R294	5145-94	R294	5701-98	R294	7064-93
R294	5146-94	R294	5749-98	R294	7194-94
R294	5207-97	R294	5750-98	R294	7215-93
R294	5212-98	R294	5768-97	R294	7275-93
R294	5262-96	R294	5769-97	R294	7282-95
R294	5262-98	R294	5787-96	R294	7283-95
R294	5263-98	R294	5788-96	R294	7314-95
R294	5270-93	R294	5813-97	R294	7330-93
R294	5298-97	R294	5850-96	R294	7338-94
R294	5300-97	R294	5854-97	R294	7351-93
R294	5317-98	R294	5855-97	R294	7557-95
R294	5318-98	R294	5898-93	R294	7948-93
R294	5358-97	R294	5960-96	R294	7960-93
R294	5360-97	R294	6022-96	R294	7984-95
R294	5391-98	R294	6023-96	R294	8012-93
R294	5400-93	R294	6093-96	R294	8013-93
R294	5402-95	R294	6094-96	R294	8025-93
R294	5445-97	R294	6136-93	R294	8063-93
R294	5455-98	R294	6140-96	R294	8080-93
R294	5456-98	R294	6151-96	R294	8087-95
R294	5465-96	R294	6161-94	R294	8375-95
R294	5466-96	R294	6269-96	R297	5615-97
R294	5468-94	R294	6270-93	R302	4104-93
R294	5469-94	R294	6274-96	R302	4358-93
R294	5491-95	R294	6282-95	R302	4507-93
R294	5504-98	R294	6299-96	R302	4725-93
R294	5505-98	R294	6312-93	R302	5055-99
R294	5512-93	R294	6350-96	R302	5057-93
R294	5534-97	R294	6352-96	R302	5059-97
R294	5535-97	R294	6361-93	R302	5061-98
R294	5581-98	R294	6416-93	R302	5085-97
R294	5582-98	R294	6444-95	R302	5110-98
R294	5592-97	R294	6447-95	R302	5208-97
R294	5593-95	R294	6518-93	R302	5213-98
R294	5593-96	R294	6553-93	R302	5263-96
R294	5593-97	R294	6576-94	R302	5264-96
R294	5617-93	R294	6657-93	R302	5264-98
R294	5654-98	R294	6717-95	R302	5299-97
R294	5655-98	R294	6762-94	R302	5319-98
R294	5677-97	R294	6763-94	R302	5359-97
R294	5678-97	R294	6832-93	R302	5392-98
R294	5681-94	R294	6847-93	R302	5446-97
R294	5682-94	R294	6900-93	R302	5457-98

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
R302	5467-96	R381	5457-97	R39	4714-93
R302	5506-98	R381	5478-96	R39	4745-93
R302	5526-93	R381	5520-98	R39	4765-93
R302	5536-97	R381	5607-97	R39	4784-93
R302	5583-98	R381	6112-96	R39	4922-93
R302	5594-96	R381	6178-94	R39	5061-93
R302	5594-97	R381	7184-95	R39	5103-93
R302	5656-98	R381	7995-95	R39	5265-93
R302	5679-97	R381	8001-93	R39	5395-93
R302	5702-98	R382	5141-94	R39	5507-93
R302	5751-98	R383	5125-98	R39	5612-93
R302	5770-97	R383	5450-97	R39	5685-93
R302	5789-96	R383	5521-98	R39	5893-93
R302	5814-97	R383	5618-97	R39	6131-93
R302	5851-96	R384	5126-98	R39	6265-93
R302	5856-97	R384	5449-97	R39	6307-93
R302	5961-96	R384	5522-98	R39	6356-93
R302	6027-96	R384	5617-97	R39	6411-93
R302	6095-96	R386	4366-93	R39	6514-93
R302	6108-93	R386	4760-93	R39	6548-93
R302	6141-96	R386	5391-93	R39	6652-93
R302	6270-96	R386	5610-97	R39	6827-93
R302	6300-96	R386	6543-93	R39	6842-93
R302	6351-96	R386	7290-93	R39	6895-93
R302	6366-93	R386	7998-93	R39	7059-93
R302	7284-95	R387	5127-98	R39	7210-93
R302	7315-95	R387	5451-97	R39	7270-93
R302	7558-95	R387	5523-98	R39	7325-93
R302	7996-95	R387	5619-97	R39	7346-93
R302	8088-95	R39	4003-93	R39	7494-93
R302	8376-95	R39	4109-93	R39	7495-93
R31	7178-95	R39	4127-93	R39	7592-93
R368	4367-93	R39	4150-93	R39	7675-93
R368	4761-93	R39	4225-93	R39	7940-93
R368	5302-93	R39	4262-94	R39	7952-93
R368	6544-93	R39	4319-93	R39	8007-93
R368	7291-93	R39	4347-93	R39	8020-93
R368	7292-93	R39	4430-93	R39	8058-93
R368	7999-93	R39	4445-93	R39	8075-93
R381	4264-94	R39	4492-93	R392	5128-98
R381	5099-97	R39	4512-93	R392	5454-97
R381	5124-98	R39	4533-93	R392	5524-98
R381	5304-93	R39	4560-93	R392	5620-97
R381	5429-95	R39	4659-93	R393	4139-93

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Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
R393	5494-95	R40	7319-93	R424	6193-96
R40	4000-93	R40	7340-93	R424	6418-95
R40	4106-93	R40	7491-93	R424	6419-95
R40	4124-93	R40	7579-93	R424	6420-95
R40	4147-93	R40	7672-93	R424	6426-95
R40	4222-93	R40	7937-93	R424	6427-95
R40	4311-93	R40	7949-93	R424	6428-95
R40	4344-93	R40	8004-93	R424	6595-94
R40	4427-93	R40	8017-93	R424	6596-94
R40	4442-93	R40	8026-93	R424	6597-94
R40	4489-93	R40	8052-93	R424	6643-93
R40	4509-93	R40	8069-93	R424	6971-94
R40	4530-93	R407	5489-95	R424	6972-94
R40	4557-93	R41	6852-93	R424	6973-94
R40	4656-93	R41	7930-93	R424	7216-93
R40	4711-93	R42	4144-93	R424	7217-93
R40	4742-93	R42	4478-93	R424	7218-93
R40	4762-93	R42	4869-93	R424	7254-93
R40	4781-93	R42	6146-93	R424	7255-93
R40	4914-93	R42	6851-93	R424	7256-93
R40	5058-93	R42	7931-93	R424	7439-94
R40	5100-93	R424	4524-93	R424	7440-94
R40	5262-93	R424	4525-93	R424	7441-94
R40	5392-93	R424	4526-93	R424	8001-95
R40	5504-93	R424	5489-94	R424	8002-95
R40	5609-93	R424	5490-94	R424	8003-95
R40	5682-93	R424	5491-94	R424	8007-95
R40	5890-93	R424	5495-94	R424	8008-95
R40	6128-93	R424	5496-94	R424	8009-95
R40	6262-93	R424	5497-94	R424-PRT1	5065-98
R40	6304-93	R424	5700-94	R424-PRT1	5212-97
R40	6353-93	R424	5701-94	R424-PRT1	5214-98
R40	6408-93	R424	5702-94	R424-PRT1	5361-97
R40	6506-93	R424	5817-96	R424-PRT1	5459-98
R40	6545-93	R424	5818-96	R424-PRT1	5462-98
R40	6649-93	R424	5819-96	R424-PRT3	5067-98
R40	6824-93	R424	5823-96	R424-PRT3	5214-97
R40	6839-93	R424	5824-96	R424-PRT3	5216-98
R40	6892-93	R424	5825-96	R424-PRT3	5363-97
R40	7056-93	R424	6185-96	R424-PRT3	5461-98
R40	7158-95	R424	6186-96	R424-PRT3	5464-98
R40	7207-93	R424	6187-96	R432	4527-93
R40	7267-93	R424	6191-96	R432	4528-93
R40	7276-93	R424	6192-96	R432	4529-93

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
R432	5492-94	R432	8000-95	R5	6148-94
R432	5493-94	R432	8004-95	R5	6268-96
R432	5494-94	R432	8005-95	R5	6279-95
R432	5498-94	R432	8006-95	R5	6298-96
R432	5499-94	R432-PRT1	5062-98	R5	6349-96
R432	5500-94	R432-PRT1	5215-97	R5	6434-95
R432	5820-96	R432-PRT1	5364-97	R5	6714-95
R432	5821-96	R432-PRT1	5465-98	R5	7038-94
R432	5822-96	R432-PRT1	5587-98	R5	7156-95
R432	5826-96	R432-PRT1	5594-98	R5	7182-94
R432	5827-96	R432-PRT2	5063-98	R5	7311-95
R432	5828-96	R432-PRT2	5216-97	R5	7341-94
R432	6188-96	R432-PRT2	5365-97	R5	7554-95
R432	6189-96	R432-PRT2	5466-98	R5	7970-95
R432	6190-96	R432-PRT2	5588-98	R5	8085-95
R432	6194-96	R432-PRT2	5595-98	R5	8373-95
R432	6195-96	R432-PRT3	5064-98	R509	6314-93
R432	6196-96	R432-PRT3	5217-97	R510	6315-93
R432	6415-95	R432-PRT3	5366-97	R512	6519-93
R432	6416-95	R432-PRT3	5467-98	R516	5142-94
R432	6417-95	R432-PRT3	5589-98	R53	4361-93
R432	6423-95	R432-PRT3	5596-98	R53	4755-93
R432	6424-95	R454	4751-93	R53	5329-93
R432	6425-95	R5	4216-93	R53	6541-93
R432	6601-94	R5	4309-93	R53	7283-93
R432	6602-94	R5	5057-97	R53	7991-93
R432	6603-94	R5	5206-97	R54	4002-93
R432	6893-94	R5	5261-96	R54	4108-93
R432	6894-94	R5	5297-97	R54	4126-93
R432	6895-94	R5	5357-97	R54	4149-93
R432	6968-94	R5	5443-97	R54	4224-93
R432	6969-94	R5	5444-97	R54	4318-93
R432	6970-94	R5	5461-96	R54	4346-93
R432	7219-93	R5	5480-95	R54	4429-93
R432	7220-93	R5	5533-97	R54	4444-93
R432	7221-93	R5	5590-95	R54	4491-93
R432	7257-93	R5	5592-96	R54	4511-93
R432	7258-93	R5	5783-96	R54	4532-93
R432	7259-93	R5	5849-96	R54	4559-93
R432	7436-94	R5	5957-96	R54	4658-93
R432	7437-94	R5	5958-96	R54	4713-93
R432	7438-94	R5	6021-96	R54	4744-93
R432	7998-95	R5	6097-96	R54	4764-93
R432	7999-95	R5	6139-96	R54	4783-93

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Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
R54	4921-93	R6	6154-94	R82	4505-93
R54	5060-93	R6	6367-93	R82	4723-93
R54	5264-93	R6	6440-95	R82	5055-93
R54	5394-93	R6	6838-93	R82	5096-97
R54	5506-93	R6	7162-95	R82	5120-98
R54	5611-93	R6	7188-94	R82	5494-96
R54	5684-93	R6	7339-93	R82	5516-98
R54	5892-93	R6	7583-93	R82	5525-93
R54	6130-93	R6	7986-93	R82	5604-97
R54	6264-93	R600	6028-96	R82	6107-93
R54	6306-93	R66	6313-93	R82	6109-96
R54	6355-93	R69	4141-93	R82	6365-93
R54	6410-93	R69	4475-93	R82	6836-93
R54	6513-93	R69	4866-93	R82	7180-95
R54	6547-93	R69	6143-93	R83	4099-93
R54	6651-93	R69	6848-93	R83	4354-93
R54	6826-93	R69	7932-93	R83	4502-93
R54	6841-93	R72	4103-93	R83	4720-93
R54	6894-93	R72	4357-93	R83	5053-93
R54	7058-93	R72	4506-93	R83	5097-97
R54	7209-93	R72	4724-93	R83	5121-98
R54	7269-93	R72	5056-93	R83	5495-96
R54	7324-93	R72	5095-97	R83	5517-98
R54	7342-93	R72	5119-98	R83	5522-93
R54	7343-93	R72	5361-96	R83	5605-97
R54	7493-93	R72	5603-97	R83	6104-93
R54	7591-93	R72	6108-96	R83	6110-96
R54	7674-93	R72	7179-95	R83	6362-93
R54	7939-93	R79	4364-93	R83	6833-93
R54	7951-93	R79	4758-93	R83	7181-95
R54	8006-93	R79	5332-93	R84	4101-93
R54	8019-93	R79	6646-93	R84	4355-93
R54	8057-93	R79	7286-93	R84	4504-93
R54	8071-93	R79	7994-93	R84	4722-93
R54	8072-93	R8	4145-93	R84	5054-93
R544	7172-95	R8	4479-93	R84	5524-93
R6	4105-93	R8	4870-93	R84	6106-93
R6	4315-93	R8	6147-93	R84	6364-93
R6	4508-93	R8	6853-93	R84	6835-93
R6	4726-93	R8	7926-93	R88	5299-93
R6	4918-93	R80	5492-95	R88	6648-93
R6	5486-95	R81	5490-95	R88	7288-93
R6	5527-93	R82	4102-93	R88	7996-93
R6	6109-93	R82	4356-93	R89	5298-93

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

HU5 (continued)		HU5 (continued)	
Station Name	Sample ID	Station Name	Sample ID
R89	6647-93	SWMU2-10	S10614
R89	7287-93	SWMU2-13	S13612
R89	7995-93	SWMU2-13	S13613
R9	4257-94	SWMU2-13	S13614
R9	4362-93	SWMU2-16	S16611
R9	4756-93	SWMU2-16	S16612
R9	5087-97	SWMU2-16	S16613
R9	5111-98	SWMU2-17	S17612
R9	5330-93	SWMU2-17	S17613
R9	5430-95	SWMU2-3	S03604
R9	5469-96	SWMU2-3	S03613
R9	5507-98	SWMU2-3	S03614
R9	5595-97	SWMU2-5	S05613
R9	6098-96	SWMU2-9	S09613
R9	6162-94	SWMU2-9	S09614
R9	6644-93	TVA D-03	5755-94
R9	7062-95	TVA D-05	5759-94
R9	7284-93	TVA D-08	5727-94
R9	7285-95	TVA D-09	5731-94
R9	7986-95	TVA D-13	5743-94
R9	7992-93	TVA D-14	5735-94
R90	4263-94	TVA D-24	5719-94
R90	5098-97	TVA D-27	5715-94
R90	5122-98	TVA D-30	5747-94
R90	5303-93	W108	5373-97
R90	5428-95	W108	6891-93
R90	5458-97	W108	7064-95
R90	5459-97	W108	7065-95
R90	5460-97	W108	7066-95
R90	5468-96	W108	7067-95
R90	5518-98	W108	7068-95
R90	5606-97	W108	7069-95
R90	6111-96		
R90	6177-94		
R90	7183-95		
R90	7985-95		
R90	8000-93		
SB-38	6760-94		
SB-38	6761-94		
SB40	50037SB040W063		
SB40	50037SB040W068D		
SB46	50037SB46W078D		
SWMU2-10	S10612		
SWMU2-10	S10613		

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

McNairy					
McNairy		McNairy (continued)		McNairy (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
n=401					
001-175	001175WA120	193-028	193028WA160	400-037	400037WA095
001-175	001175WA140	193-031	193031WA090	400-038	400038WA100
001-176	001176WA120	193-031	193031WA100	400-038	400038WA110
001-176	001176WA140	193-031	193031WA110	400-038	400038WA130
001-177	001177WA100	193-032	193032WA095	400-038	400038WA140
001-177	001177WA105	193-032	193032WA100	400-039	400039WA090
001-177	001177WA120	193-032	193032WA110	400-039	400039WA095
001-177	001177WA140	193-032	193032WA130	400-039	400039WA100
001-178	001178WA120	193-032	193032WA160	400-039	400039WA110
001-178	001178WA140	193-041	193041WA130C	400-039	400039WA115
001-180	001180WA100	193-041	193041WA130C-45	400-039	400039WA120
001-180	001180WA105	193-041	193041WA130C-5	400-039	400039WA125
001-181	001181WA105	193-041	193041WA140C	400-039	400039WA130
001-181	001181WA120	193-041	193041WA140C-45	400-039	400039WA140
001-182	001182WA120	204-029	204029WA095	400-040	400040WA095
001-182	001182WA140	400-034	400034WA085	400-040	400040WA110
001-183	001183WA100	400-034	400034WA095	400-040	400040WD110
001-184	001184WA120	400-034	400034WA100	400-041	400041WA085
001-184	001184WA140	400-034	400034WA105	400-041	400041WA110
026-001	026001WA100	400-034	400034WA110	400-041	400041WA120
026-001	026001WA105	400-034	400034WA115	400-041	400041WD110
026-001	026001WA110	400-034	400034WA120	400-043	400043WA085
026-001	026001WA115	400-034	400034WA125	400-043	400043WA090
026-001	026001WA120	400-035	400035WA100	400-044	400044WA090
026-001	026001WA125	400-035	400035WA105	400-048	400048WA095
026-001	026001WA130	400-035	400035WA110	400-053	400053WA095
026-001	026001WA135	400-035	400035WA115	400-053	400053WA100
091-001	091001WA120	400-035	400035WA120	400-206	400206WA095
091-002	091002WA100	400-035	400035WA125	400-206	400206WD095
091-002	091002WA120	400-035	400035WA130	400-207	400207WA090
091-002	091002WA140	400-035	400035WA135	400-207	400207WA110
099-037	099037WA130C	400-035	400035WD125	400-207	400207WA130
099-038	099038WA130C	400-036	400036WA095	720-010	720010WA120
193-025	193025WA095	400-036	400036WA100	720-011	720011WA120
193-025	193025WA100	400-036	400036WA105	720-011	720011WA140
193-025	193025WA110	400-036	400036WA110	720-012	720012WA120
193-025	193025WA120	400-036	400036WA115	720-013	720013WA120
193-025	193025WA160	400-036	400036WA120	720-013	720013WA140
193-025	193025WD095	400-036	400036WA125	720-014	720014WA095
193-028	193028WA095	400-036	400036WA130	720-014	720014WA120
193-028	193028WA110	400-036	400036WA135	720-014	720014WA140
193-028	193028WA120	400-036	400036WA140	720-015	720015WA120

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Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

McNairy (continued)		McNairy (continued)		McNairy (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
720-017	720017WA095	MW121	5206-93	MW239	5101-98
720-017	720017WA120	MW121	5452-95	MW239	5115-97
720-017	720017WA140	MW121	5500-96	MW239	5172-97
720-018	720018WA120	MW121	5517-94	MW239	5193-98
720-018	720018WA140	MW121	5674-98	MW239	5213-96
720-019	720019WA120	MW121	5794-97	MW239	5265-97
720-019	720019WA140	MW121	6453-94	MW239	5272-98
720-028	720028WA100	MW121	6658-93	MW239	5300-98
720-028	720028WA120	MW121	7276-94	MW239	5331-97
720-029	720029WA100	MW121	7782-93	MW239	5373-98
720-029	720029WA120	MW122	4868-94	MW239	5384-96
720-029	720029WA140	MW122	5145-97	MW239	5409-97
GWW-01	P01616	MW122	5246-93	MW239	5446-98
GWW-02	P02616	MW122	5301-96	MW239	5487-98
GWW-03	P03615	MW122	5456-95	MW239	5516-97
GWW-03	P03616	MW122	5521-94	MW239	5561-98
MW102	4268-94	MW122	5675-98	MW239	5575-97
MW102	5022-98	MW122	5795-97	MW239	5637-98
MW102	5141-97	MW122	6457-94	MW239	5647-96
MW102	5174-93	MW122	6596-95	MW239	5660-97
MW102	5183-94	MW122	6662-93	MW239	5752-97
MW102	5281-96	MW122	7200-94	MW239	5805-96
MW102	5619-95	MW122	7786-93	MW239	5862-96
MW102	5940-93	MW133	4761-94	MW239	5916-96
MW102	6022-94	MW133	5139-97	MW239	6007-96
MW102	6592-95	MW133	5282-93	MW239	6042-96
MW102	6770-94	MW133	5305-96	MW239	6043-95
MW102	7295-93	MW133	5460-95	MW239	6143-95
MW102	7467-95	MW133	5611-94	MW239	6164-96
MW102	8285-95	MW133	5669-98	MW239	6252-96
MW120	4209-94	MW133	5789-97	MW239	6366-95
MW120	4991-94	MW133	6648-94	MW239	6395-96
MW120	5088-93	MW133	6740-93	MW239	6476-95
MW120	5143-97	MW140	4225-94	MW239	7106-95
MW120	5293-96	MW140	5146-97	MW239	7230-95
MW120	5448-95	MW140	5195-94	MW239	7361-95
MW120	5673-98	MW140	5313-96	MW239	7920-95
MW120	5793-97	MW140	5796-97	MW239	8036-95
MW120	5900-93	MW140	6004-93	MW239	8165-95
MW120	6034-94	MW140	6050-94	MW247	5019-98
MW120	6928-94	MW140	6088-93	MW247	5048-97
MW120	7065-93	MW140	6864-94	MW247	5103-98
MW121	4864-94	MW140	7081-93	MW247	5123-97
MW121	5144-97	MW239	5040-97	MW247	5180-97

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

McNairy (continued)		McNairy (continued)		McNairy (continued)	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
MW247	5201-98	P4-B3	1110101-0723	P4-E1	1110101-0893
MW247	5242-96	P4-B3	1110101-0724	P4-E1	1110101-0894
MW247	5268-98	P4-B4	1110101-0733	P4-E2	1110101-0297
MW247	5273-97	P4-B4	1110101-0734	P4-E2	1110101-0298
MW247	5302-98	P4-B5	1110101-0749	P4-E6	1110101-0284
MW247	5339-97	P4-B5	1110101-0750	P4-E7	1110101-0763
MW247	5381-98	P4-C10	1110101-0754	P4-E7	1110101-0764
MW247	5416-96	P4-C10	1110101-0755	P4-E8	1110101-0839
MW247	5417-97	P4-C2	1110101-0758	P4-F1	1110101-0875
MW247	5448-98	P4-C4	1110101-0269	P4-F2	1110101-0835
MW247	5489-98	P4-C4	1110101-0270	P4-F3	1110101-0400
MW247	5524-97	P4-C7	1110101-0659	P4-F4	1110101-0886
MW247	5570-98	P4-C7	1110101-0660	P4-F5	1110101-0829
MW247	5583-97	P4-C9	1110101-0640	P4-F5	1110101-0830
MW247	5645-98	P4-D10	1110101-0236	P4-F6	1110101-0369
MW247	5664-98	P4-D10	1110101-0237	P4-F6	1110101-0370
MW247	5668-97	P4-D10	1110101-0238	P4-F7	1110101-0386
MW247	5679-96	P4-D10	1110101-0239	P4-F7	1110101-0387
MW247	5760-97	P4-D11	1110101-0624	P4-F8	1110101-0815
MW247	5813-96	P4-D11	1110101-0625	P4-F8	1110101-0816
MW247	5857-97	P4-D12	1110101-0260	P4-F8	1110101-0817
MW247	5858-97	P4-D12	1110101-0261	P4-F8	1110101-0818
MW247	5870-96	P4-D12	1110101-0262	P4-G1	1110101-0337
MW247	5924-96	P4-D12	1110101-0263	P4-G1	1110101-0338
MW247	6015-96	P4-D12	1110101-0264	P4-G1	1110101-0339
MW247	6050-96	P4-D12	1110101-0265	P4-G11	1110101-0779
MW247	6075-95	P4-D12A	1110101-0670	P4-G11	1110101-0780
MW247	6172-96	P4-D12A	1110101-0671	P4-G12	1110101-0824
MW247	6175-95	P4-D12A	1110101-0672	P4-G12	1110101-0825
MW247	6260-96	P4-D12A	1110101-0673	P4-G2	1110101-0324
MW247	6316-96	P4-D12A	1110101-0684	P4-G2	1110101-0325
MW247	6403-96	P4-D4	1110101-0635	P4-G2	1110101-0326
MW247	6508-95	P4-D4	1110101-0636	P4-G2	1110101-0327
MW247	7138-95	P4-D5	1110101-0698	P4-G2	1110101-0328
MW247	7262-95	P4-D5	1110101-0699	P4-G3	1110101-0332
MW247	7393-95	P4-D6	1110101-0608	P4-G3	1110101-0333
MW247	7952-95	P4-D6	1110101-0609	P4-G5	1110101-0352
MW247	8068-95	P4-D6	1110101-0610	P4-G7	1110101-0772
MW247	8197-95	P4-D7	1110101-0210	P4-G7	1110101-0773
P4-A2	1110101-0693	P4-D7	1110101-0211	P4-G8	1110101-0374
P4-A2	1110101-0694	P4-D8	1110101-0224	P4-G8	1110101-0375
P4-A3	1110101-0714	P4-D8	1110101-0225	P4-G9	1110101-0379
P4-B3	1110101-0721	P4-D9	1110101-0614	P4-G9	1110101-0380
P4-B3	1110101-0722	P4-D9	1110101-0615	P4-G9	1110101-0381

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

McNairy (continued)		Eocene Sands		Other: Terrace Gravels	
Station Name	**Sample ID**	**Station Name**	**Sample ID**	**Station Name**	**Sample ID**
		n=21		**n=189**	
P4-H5	1110101-0796	57-SB-003	57-HP-003-01-M	193-1	1110101-0127
P4-H7	1110101-0790	57-SB-004	57-HP-004-01-M	193-10	1110101-0091
PZ115	1110101-0376	57-SB-004	57-HP-004-02-M	193-10	1110101-0099
SB47	50037SB047D158	57-SB-007	57-HP-007-01-M	193-13	1110101-0090
SWMU2-10	S10615	MW305	5676-98	193-14	1110101-0113
SWMU2-17	S17614	MW305	5798-97	193-15	1110101-0112
SWMU2-3	S03615	MW305	57-GW-305-01-F	193-16	1110101-0126
SWMU2-9	S09615	MW305	6292-96	193-2	1110101-0100
TVA D-07	5739-94	MW305	8107-95	193-3	1110101-0128
TVA D-23	5751-94	MW307	57-GW-307-01-D	193-4	1110101-0129
TVA D-25	5723-94	MW307	57-GW-307-01-F	193-6	1110101-0101
		MW307	6337-96	193-7	1110101-0130
		MW307	8115-95	204-029	204029WA025
		MW308	57-GW-308-01-F	204-029	204029WA035
		MW308	6338-96	204-04	1021915-OR120
		MW308	8119-95	204-05	1021915-OR121
		MW309	6339-96	204-06	1021915-OR135
		MW309	8123-95	204-07	1021915-OR251
		MW309	94-GW-309-01-C	204-07	1021915-OR252
		MW309	94-GW-309-01-D	204-08	1021915-OR254
		MW309	94-GW-309-01-F	204-08	1021915-OR255
				204-09	1021915-OR262
				204-10	1021915-OR264
				204-11	1021915-OR260
				204-12	1021915-OR266
				204-16	1021915-OR193
				204-26	1021915-OR244
				204-26	1021915-OR245
				204-27	1021915-OR247
				08-SB-001	08-HP-001-01-F
				33-SB-001	33-HP-001-01-M
				34-SB-001	34-HP-001-01-M
				57-SB-001	57-HP-001-01-M
				57-SB-001	57-HP-001-02-M
				57-SB-002	57-HP-002-01-M
				57-SB-005	57-HP-005-01-M
				57-SB-005	57-HP-005-02-M
				57-SB-006	57-HP-006-01-M
				57-SB-006	57-HP-006-02-M
				94-SB-001	94-HP-001-01-M
				94-SB-001	94-HP-501-01-M
				94-SB-002	94-HP-002-01-M

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Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

Terrace Gravels (continued)		Terrace Gravels (continued)		Terrace Gravels (continued)	
Station Name	**Sample ID**	**Station Name**	**Sample ID**	**Station Name**	**Sample ID**
94-SB-003	94-HP-003-01-M	MW151	6880-94	MW301	5804-97
94-SB-003	94-HP-503-01-M	MW151	7105-93	MW301	5875-96
94-SB-004	94-HP-004-01-M	MW184	4821-94	MW301	6056-96
94-SB-005	94-HP-005-01-M	MW184	5569-93	MW301	6285-96
94-SB-006	94-HP-006-01-M	MW184	6703-94	MW301	6286-96
94-SB-007	94-HP-007-01-M	MW184	6796-93	MW301	7074-95
94-SB-008	94-HP-008-01-M	MW184	7756-93	MW301	7443-95
94-SB-010	94-HP-010-01-M	MW196	4308-94	MW301	8253-95
95-SB-001	95-HP-001-01-M	MW196	5094-98	MW302	08-GW-302-01-F
95-SB-003	95-HP-003-01-M	MW196	5166-93	MW302	5099-98
95-SB-004	95-HP-004-01-M	MW196	5256-94	MW302	5106-97
95-SB-005	95-HP-005-01-M	MW196	5557-97	MW302	5108-97
95-SB-006	95-HP-006-01-M	MW196	5980-93	MW302	5132-98
95-SB-007	95-HP-007-01-M	MW196	6070-94	MW302	5310-98
95-SB-008	95-HP-008-01-M	MW196	6085-96	MW302	5312-98
95-SB-009	95-HP-009-01-M	MW196	6884-94	MW302	5350-97
95-SB-010	95-HP-010-01-M	MW196	7307-93	MW302	5440-96
95-SB-011	95-HP-011-01-M	MW300	08-GW-300-01-F	MW302	5480-96
MW129	4213-94	MW300	5097-98	MW302	5497-98
MW129	5092-93	MW300	5103-97	MW302	5498-98
MW129	5244-94	MW300	5308-98	MW302	5557-95
MW129	5904-93	MW300	5348-97	MW302	5565-97
MW129	6038-94	MW300	5432-96	MW302	5566-97
MW129	6786-94	MW300	5495-98	MW302	5694-98
MW129	7069-93	MW300	5549-95	MW302	5805-97
MW130	4217-94	MW300	5563-97	MW302	5876-96
MW130	5096-93	MW300	5692-98	MW302	6057-96
MW130	5248-94	MW300	5803-97	MW302	6063-96
MW130	5908-93	MW300	5874-96	MW302	7078-95
MW130	6042-94	MW300	6055-96	MW302	7447-95
MW130	6790-94	MW300	6284-96	MW302	8257-95
MW130	7073-93	MW300	7070-95	MW306	57-GW-306-01-D
MW131	4221-94	MW300	7439-95	MW306	57-GW-306-01-F
MW131	5252-94	MW300	8249-95	MW306	57-GW-306-01-F1
MW131	5912-93	MW301	08-GW-301-01-F	MW306	57-GW-806-01-D
MW131	6000-93	MW301	5098-98	MW306	57-GW-806-01-F
MW131	6046-94	MW301	5105-97	MW306	57-GW-806-01-F1
MW131	6794-94	MW301	5309-98	MW306	6336-96
MW131	7077-93	MW301	5349-97	MW306	8111-95
MW151	4241-94	MW301	5436-96	MW310	6340-96
MW151	5162-93	MW301	5496-98	MW310	8127-95
MW151	5211-94	MW301	5553-95	MW310	94-GW-310-01-F
MW151	6066-94	MW301	5564-97	MW311	6341-96
MW151	6111-93	MW301	5693-98	MW311	8131-95

Table 2.2 Samples used in the GWOU BHHRA listed by hydrogeological unit (continued)

Terrace Gravels (continued)		Porters Creek Clay		Mississippian	
Station Name	Sample ID	Station Name	Sample ID	Station Name	Sample ID
		n=11		n=1	
MW311	94-GW-311-01-D	P4-B3	1110101-0719	P4-F8	1110101-0819
MW311	94-GW-311-01-F	P4-B3	1110101-0720		
MW314	95-GW-314-01-F	P4-D8	1110101-0223		
MW317	34-GW-317-01-F	P4-E8	1110101-0838		
MW317	34-GW-317-01-F1	P4-F3	1110101-0399		
MW317	34-GW-317-01-F2	P4-G3	1110101-0331		
MW317	34-GW-317-01-F3	P4-H5	1110101-0794		
MW317	34-GW-817-01-F	P4-H5	1110101-0795		
MW317	34-GW-817-01-F1	P4-H7	1110101-0788		
MW317	34-GW-817-01-F2	P4-H7	1110101-0789		
MW317	6342-96	SB39	50037SB039D094		
MW317	8135-95				
MW318	30-GW-318-01-F				
MW318	6343-96				
PZ101	7061-95				

Table 2.3 Sampling stations used in the GWOU BHHRA listed by station type

Driven Rods (n=260)							
Station Name	**Area**	**Station Name**	**Area**	**Station Name**	**Area**	**Station Name**	**Area**
001-173	d	193-025	c	204-27	c	57-SB-002	k
001-175	d	193-028	d	33-SB-001	k	57-SB-003	k
001-176	d	193-031	d	34-SB-001	k	57-SB-004	k
001-177	d	193-032	d	36-SB-001	d	57-SB-005	k
001-178	d	193-041	d	36-SB-002	d	57-SB-006	k
001-180	d	193-049	d	36-SB-003	d	57-SB-007	k
001-181	d	193-1	c	36-SB-004	d	720-002	d
001-182	d	193-10	c	36-SB-005	d	720-003	d
001-183	d	193-13	c	38-SB-002	d	720-010	d
001-184	d	193-14	c	38-SB-003	d	720-011	d
026-001	a	193-15	h	38-SB-004	d	720-012	d
040-009	a	193-16	c	38-SB-005	d	720-013	d
08-SB-001	k	193-17	c	38-SB-006	d	720-014	d
091-001	d	193-18	d	38-SB-007	d	720-015	d
091-002	d	193-2	h	38-SB-009	d	720-016	d
099-005	c	193-20	d	400-018	a	720-017	d
099-008	c	193-3	c	400-034	a	720-018	d
099-011	c	193-4	c	400-035	a	720-019	d
099-014	c	193-6	h	400-036	a	720-022	d
099-019	f	193-7	c	400-037	a	720-024	d
099-022	f	203-005	a	400-038	a	720-026	d
099-025	f	204-01	f	400-039	a	720-028	d
099-029	f	204-02	f	400-040	a	720-029	d
099-030	c	204-029	f	400-041	a	94-SB-001	k
099-031	c	204-03	f	400-042	a	94-SB-002	k
099-032	c	204-031	f	400-043	a	94-SB-003	k
099-033	c	204-04	f	400-044	a	94-SB-004	k
099-034	c	204-05	f	400-045	a	94-SB-005	k
099-035	c	204-06	h	400-046	a	94-SB-006	k
099-037	c	204-07	h	400-047	a	94-SB-007	k
099-038	d	204-08	h	400-048	a	94-SB-008	k
100-SB-001	d	204-09	h	400-049	a	94-SB-010	k
100-SB-002	d	204-10	h	400-052	a	95-SB-001	d
100-SB-003	d	204-11	h	400-053	a	95-SB-003	d
100-SB-004	d	204-12	h	400-083	a	95-SB-004	d
100-SB-005	d	204-13	f	400-206	a	95-SB-005	d
100-SB-006	d	204-14	h	400-207	a	95-SB-006	d
100-SB-007	d	204-15	f	400-208	a	95-SB-007	k
100-SB-008	d	204-16	f	400-210	a	95-SB-008	d
100-SB-009	d	204-17	f	400-212	a	95-SB-009	d
100-SB-010	d	204-18	f	400-213	a	95-SB-010	d
100-SB-011	d	204-20	f	400-214	a	95-SB-011	d
193-022	c	204-22	f	400-215	a	GWW-01	b
193-023	c	204-26	c	57-SB-001	k	GWW-02	b

Table 2.3 Sampling stations used in the GWOU BHHRA listed by station type (continued)

Driven Rods (continued)		Wells (n=361)					
Station Name	Area	Station Name	Area	Station Name	Area	Station Name	Area
GWW-03	b	P4-F2	c	011-008	a	MW138	i
J19	i	P4-F3	c	026-002	b	MW139	i
J21	i	P4-F4	c	040-001	a	MW140	g
J22	e	P4-F5	c	203-001	a	MW141	g
J24	e	P4-F6	c	400-003	a	MW142	g
J25	e	P4-F7	c	400-016	a	MW143	g
J3	e	P4-F8	c	400-017	a	MW144	f
J40	b	P4-G1	a	400-021	a	MW145	f
J41	b	P4-G11	b	400-025	a	MW146	e
J42	b	P4-G12	b	400-026	a	MW147	e
J43	b	P4-G2	a	400-027	a	MW148	f
J44	b	P4-G3	d	400-033	a	MW149	f
J49	b	P4-G5	c	400-063	a	MW150	h
J50	b	P4-G7	c	EW228	e	MW151	h
J6	e	P4-G8	c	EW229	e	MW152	e
J7	e	P4-G9	b	EW230	b	MW154	b
P4-A2	f	P4-H1	c	EW231	b	MW155	a
P4-A3	f	P4-H5	d	HV004	e	MW156	a
P4-B3	f	P4-H6	c	HV009	e	MW157	a
P4-B4	f	P4-H7	d	HV015	b	MW158	d
P4-B5	f	SB-38	b	HV020	b	MW159	d
P4-C10	h	SB39	f	HV171	b	MW16	i
P4-C2	f	SB40	f	MW100	h	MW160	d
P4-C4	f	SB46	f	MW102	d	MW161	d
P4-C5	f	SB47	f	MW103	d	MW162	d
P4-C7	f	SWMU2-10	b	MW104	d	MW163	c
P4-C9	f	SWMU2-13	b	MW106	g	MW164	c
P4-D10	f	SWMU2-16	b	MW120	h	MW165	c
P4-D11	f	SWMU2-17	b	MW121	e	MW166	c
P4-D12	f	SWMU2-3	b	MW122	f	MW167	c
P4-D12A	f	SWMU2-5	b	MW123	e	MW168	c
P4-D4	f	SWMU2-9	b	MW124	f	MW169	b
P4-D5	f	WB-1	b	MW125	e	MW17	i
P4-D6	f	WB-12	b	MW126	f	MW170	b
P4-D7	f	WB-13	b	MW127	e	MW171	b
P4-D8	f	WB-4	b	MW128	f	MW172	b
P4-D9	f	WB-5	b	MW129	h	MW173	i
P4-E1	c	WB-7	b	MW130	h	MW174	i
P4-E2	c	WB-8	b	MW131	h	MW175	a
P4-E4	c	WB-9	b	MW132	i	MW178	a
P4-E6	c			MW133	i	MW179	i
P4-E7	f			MW134	e	MW18	i
P4-E8	c			MW135	i	MW180	i
P4-F1	c			MW137	i	MW181	i

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Table 2.3 Sampling stations used in the GWOU BHHRA listed by station type (continued)

Wells (continued)							
Station Name	**Area**	**Station Name**	**Area**	**Station Name**	**Area**	**Station Name**	**Area**
MW182	i	MW224	i	MW283	f	MW39	i
MW184	k	MW225	i	MW284	f	MW40	i
MW185	b	MW226	b	MW288	f	MW41	i
MW186	b	MW227	d	MW291	f	MW42	i
MW187	b	MW233	e	MW292	f	MW43	i
MW188	d	MW234	e	MW293	f	MW44	i
MW189	d	MW235	e	MW294	f	MW46	b
MW19	i	MW236	e	MW300	k	MW47	b
MW190	b	MW237	e	MW301	k	MW48	b
MW191	h	MW238	e	MW302	k	MW50	b
MW192	h	MW239	e	MW303	d	MW51	b
MW193	f	MW240	e	MW304	d	MW52	b
MW194	g	MW241	e	MW305	k	MW53	b
MW195	g	MW242	b	MW306	k	MW54	b
MW196	k	MW243	b	MW307	k	MW57	b
MW197	i	MW244	b	MW308	k	MW63	b
MW198	i	MW245	b	MW309	k	MW64	b
MW199	g	MW246	b	MW310	k	MW65	b
MW2	b	MW247	b	MW311	k	MW66	b
MW20	e	MW248	b	MW312	d	MW67	b
MW200	i	MW249	b	MW313	d	MW68	d
MW201	e	MW250	b	MW314	d	MW69	d
MW202	e	MW255	c	MW315	d	MW70	d
MW203	d	MW256	c	MW316	d	MW71	d
MW204	d	MW257	b	MW317	k	MW84	b
MW205	c	MW258	f	MW318	k	MW85	b
MW206	c	MW260	c	MW325	d	MW86	b
MW207	d	MW261	b	MW326	d	MW87	b
MW208	d	MW262	b	MW327	d	MW88	b
MW209	d	MW263	i	MW328	d	MW89	b
MW21	i	MW264	i	MW329	d	MW90	b
MW212	d	MW265	i	MW330	d	MW91	b
MW213	d	MW266	i	MW333	b	MW92	b
MW214	d	MW267	i	MW337	b	MW93	b
MW215	d	MW268	i	MW338	b	MW94	b
MW216	d	MW269	i	MW339	b	MW95	b
MW217	d	MW270	i	MW340	b	MW96	d
MW218	d	MW271	i	MW341	a	MW98	i
MW219	a	MW272	i	MW342	a	MW99	i
MW22	b	MW273	i	MW343	a	PZ101	h
MW220	i	MW274	i	MW344	d	PZ107	c
MW221	i	MW275	i	MW352	f	PZ115	d
MW222	i	MW276	i	MW353	i	PZ117	d
MW223	i	MW277	i	MW38	i	PZ118	d

Table 2.3 Sampling stations used in the GWOU BHHRA listed by station type (continued)

Wells (continued)					
Station Name	**Area**	**Station Name**	**Area**	**Station Name**	**Area**
PZ278	i	R387	h	TVA D-09	e
PZ279	i	R39	g	TVA D-13	j
PZ280	i	R392	h	TVA D-14	e
PZ281	i	R393	g	TVA D-23	j
PZ282	i	R40	g	TVA D-24	e
PZ287	f	R407	k	TVA D-25	e
PZ289	f	R41	h	TVA D-27	e
PZ334	b	R42	h	TVA D-30	j
PZ335	b	R424	h	W108	d
PZ336	b	R424-PRT1	h		
PZ74	b	R424-PRT3	h		
R10	g	R432	h		
R105	k	R432-PRT1	h		
R112	h	R432-PRT2	h		
R113	e	R432-PRT3	h		
R114	h	R454	h		
R12	g	R5	g		
R13	g	R509	k		
R14	g	R510	k		
R19	g	R512	k		
R2	e	R516	h		
R20	h	R53	g		
R21	i	R54	g		
R22	g	R544	k		
R222	g	R6	k		
R23	h	R600	i		
R24	g	R66	k		
R25	g	R69	g		
R253	k	R72	i		
R254	h	R79	h		
R26	g	R8	h		
R278	h	R80	g		
R28	g	R81	g		
R293	h	R82	i		
R294	h	R83	i		
R297	h	R84	i		
R302	h	R88	h		
R31	f	R89	h		
R368	h	R9	h		
R381	h	R90	h		
R382	h	TVA D-03	e		
R383	h	TVA D-05	j		
R384	h	TVA D-07	j		
R386	h	TVA D-08	j		

Table 2.4 Background concentrations for RGA and McNairy Formation groundwater[1]

Analyte	Regional Gravel Aquifer		McNairy Formation		Units
	Total	Filtered	Total	Filtered	
Aluminum	2.1890	0.3110	0.6870	0.5790	mg/L
Antimony	0.0600	0.0600	0.0600	0.0600	mg/L
Arsenic	0.0050	0.0050	0.0050	0.0050	mg/L
Barium	0.2350	0.2000	0.2960	0.2680	mg/L
Beryllium	0.0040	0.0040	0.0170	0.0040	mg/L
Cadmium	0.0100	0.0100	0.0100	0.0100	mg/L
Calcium	41.2380	38.1660	38.8580	38.8290	mg/L
Chloride	91.0210	No Value	19.7080	No Value	mg/L
Chromium	0.1440	0.0500	0.0600	0.0500	mg/L
Cobalt	0.0450	0.0450	0.0960	0.0450	mg/L
Copper	0.0360	0.0200	0.0570	0.0130	mg/L
Fluoride	0.2700	No Value	0.3300	No Value	mg/L
Iron	5.0300	0.2670	18.3600	12.3720	mg/L
Lead	0.1290	0.0980	0.0500	0.0500	mg/L
Magnesium	16.2620	16.2150	13.4180	14.1710	mg/L
Manganese	0.1190	0.0680	0.9410	0.8940	mg/L
Mercury	0.0002	0.0002	0.0002	0.0002	mg/L
Molybdenum	0.0500	0.0500	0.0500	0.0500	mg/L
Nickel	0.6820	0.3050	0.1090	0.0500	mg/L
Nitrate as Nitrogen	15.5610	No Value	1.4740	No Value	mg/L
Potassium	5.1950	4.0960	55.7520	51.2050	mg/L
Selenium	0.0050	0.0050	0.0050	0.0050	mg/L
Silica	26.4010	No Value	26.0000	No Value	mg/L
Silver	0.0110	0.0600	0.0500	0.0500	mg/L
Sodium	59.4500	60.4330	29.2000	27.9800	mg/L
Sulfate	19.9470	No Value	28.9000	No Value	mg/L
Thallium	0.0560	0.0560	0.6440	0.0560	mg/L
Uranium	0.0020	0.0020	0.0010	0.0010	mg/L
Vanadium	0.1340	0.1340	0.1260	0.1260	mg/L
Zinc	0.0540	0.0490	0.1420	0.1160	mg/L
Np-237	0.8000	No Value	0.5000	No Value	pCi/L
Pu-239	0.1000	No Value	0.2000	No Value	pCi/L
Ra-226	0.6000	No Value	1.2000	No Value	pCi/L
Rn-222	626.0000	No Value	295.0000	No Value	pCi/L
Tc-99	22.3000	No Value	20.6000	No Value	pCi/L
Th-230	1.1000	No Value	1.5000	No Value	pCi/L
Total Radium	1.3000	No Value	0.7000	No Value	pCi/L
U-234	0.7000	0.3300	0.3000	No Value	pCi/L
U-235	0.3000	0.0150	0.2000	No Value	pCi/L
U-238	0.7000	0.3500	0.3000	No Value	pCi/L

Notes:
No Value = Value not reported in *Background Concentrations of Naturally Occurring Inorganic Chemicals and Selected Radionuclides in the Regional Gravel Aquifer and McNairy Formation at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky.*

[1] All values from Table ES-1 of *Background Concentrations of Naturally Occurring Inorganic Chemicals and Selected Radionuclides in the Regional Gravel Aquifer and McNairy Formation at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky.* See that source for an explanation of the derivation of values.

Table 2.5 Data summary for all analytes

AREA_CODE=a MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	28/42	9.96E-02 - 1.38E+02	1.00E-01 - 6.30E-01	L	6.19E-01	mg/L
Antimony	0/46		2.77E-02 - 1.90E-01	NT	4.47E-02	mg/L
Arsenic	2/46	2.38E-03 - 4.60E-02	1.11E-03 - 5.00E-03	N	2.79E-03	mg/L
Barium	46/46	3.00E-02 - 8.50E-01		L	1.15E-01	mg/L
Beryllium	2/46	3.33E-04 - 1.11E-03	2.22E-04 - 1.00E-01	L	3.95E-04	mg/L
Cadmium	1/46	5.56E-04 - 5.56E-04	2.67E-04 - 3.00E-01	L	1.10E-02	mg/L
Calcium	46/46	1.54E+01 - 4.74E+01		N	1.47E+01	mg/L
Chloride	42/42	3.68E+01 - 8.76E+01		N	3.55E+01	mg/L
Chromium	9/46	1.69E-02 - 1.30E+00	6.56E-03 - 6.00E-02	L	2.30E-02	mg/L
Cobalt	1/46	2.56E-02 - 2.56E-02	1.78E-03 - 3.50E-01	N	2.58E-02	mg/L
Copper	0/46		9.56E-03 - 4.50E-01	NT	1.17E-02	mg/L
Cyanide	0/4		6.00E-03 - 6.00E-03	NT	3.00E-03	mg/L
Fluoride	28/42	1.00E-01 - 7.20E+00	1.00E-01 - 1.00E-01	L	2.15E-01	mg/L
Iron	37/45	1.80E-02 - 7.20E+02	1.00E-02 - 3.60E-01	L	1.10E+00	mg/L
Lead	0/9		1.33E-03 - 2.50E-01	NT	5.86E-02	mg/L
Magnesium	46/46	6.60E+00 - 2.41E+01		L	6.04E+00	mg/L
Manganese	37/46	6.00E-03 - 7.75E+00	5.00E-03 - 2.00E-02	L	8.72E-02	mg/L
Mercury	0/8		2.00E-04 - 2.10E-04	NT	1.03E-04	mg/L
Molybdenum	0/38		3.50E-02 - 5.50E-02	NT	2.53E-02	mg/L
Nickel	5/46	9.67E-03 - 1.12E-01	5.00E-02 - 1.00E+00	L	2.19E-02	mg/L
Nitrate as Nitrogen	35/42	1.20E+00 - 1.28E+01	1.00E+00 - 1.00E+00	L	2.57E+00	mg/L
Potassium	22/45	9.57E-01 - 4.13E+00	2.00E+00 - 3.00E+01	L	2.60E+00	mg/L
Selenium	1/9	1.84E-03 - 1.84E-03	1.44E-03 - 7.22E-03	N	2.05E-03	mg/L
Silica	7/7	1.50E+01 - 2.30E+01		N	9.71E+00	mg/L
Silver	0/9		5.67E-03 - 6.00E-02	NT	1.63E-02	mg/L
Sodium	46/46	2.91E+01 - 8.00E+01		N	2.27E+01	mg/L
Tetraoxo-sulfate(1-)	42/42	1.00E+01 - 7.42E+01		N	1.85E+01	mg/L
Thallium	1/42	2.38E-01 - 2.38E-01	4.67E-04 - 4.70E-01	L	1.26E-01	mg/L
Uranium	3/28	2.90E-04 - 4.00E-03	8.00E-05 - 1.00E-03	L	9.77E-05	mg/L
Vanadium	36/42	5.44E-03 - 9.50E-01	4.00E-03 - 5.00E-02	L	1.09E-01	mg/L
Zinc	18/46	7.00E-03 - 1.00E+00	5.00E-03 - 3.00E-02	L	1.16E-02	mg/L
1,1,1,2-Tetrachloroethane	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
1,1,1-Trichloroethane	0/42		1.30E-02 - 5.00E+01	NT	1.27E+01	mg/L
1,1,2,2-Tetrachloroethane	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
1,1,2-Trichloroethane	0/48		1.30E-02 - 5.00E+01	NT	1.00E+01	mg/L
1,1-Dichloroethane	0/17		1.30E-02 - 5.00E+01	NT	4.55E+00	mg/L
1,1-Dichloroethene	1/17	2.40E-02 - 2.40E-02	5.00E-02 - 5.00E+01	L	1.02E+01	mg/L
1,2,3-Trichloropropane	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
1,2,4-Trichlorobenzene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,2-Dibromoethane	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
1,2-Dichlorobenzene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=a MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,2-Dichloroethane	0/50		1.30E-02 - 5.00E+01	NT	9.72E+00	mg/L
1,2-Dichloroethene	0/1		5.00E-01 - 5.00E-01	NT	2.50E-01	mg/L
1,2-Dichloropropane	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
1,2-Dimethylbenzene	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
1,3-Dichlorobenzene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,4-Dichlorobenzene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4,5-Trichlorophenol	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
2,4,6-Trichlorophenol	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4-Dichlorophenol	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4-Dimethylphenol	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4-Dinitrophenol	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
2,4-Dinitrotoluene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,6-Dinitrotoluene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Butanone	0/4		2.50E-02 - 2.50E+01	NT	3.28E+00	mg/L
2-Chloro-1,3-butadiene	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
2-Chloroethyl vinyl ether	0/4		2.50E-02 - 2.50E+01	NT	3.28E+00	mg/L
2-Chloronaphthalene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Chlorophenol	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Hexanone	0/4		2.50E-02 - 2.50E+01	NT	3.28E+00	mg/L
2-Methyl-4,6-dinitrophenol	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
2-Methylnaphthalene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Methylphenol	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Nitrobenzenamine	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
2-Nitrophenol	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Propanol	0/3		1.40E-01 - 5.40E+00	NT	1.16E+00	mg/L
3,3'-Dichlorobenzidine	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
3-Nitrobenzenamine	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Bromophenyl phenyl ether	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Chloro-3-methylphenol	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Chlorobenzenamine	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Chlorophenyl phenyl ether	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Methyl-2-pentanone	0/4		2.50E-02 - 2.50E+01	NT	3.28E+00	mg/L
4-Methylphenol	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Nitrobenzenamine	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Nitrophenol	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Acenaphthene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Acenaphthylene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Acetone	0/4		2.50E-02 - 2.50E+01	NT	3.28E+00	mg/L
Acrolein	0/4		1.30E-01 - 1.30E+02	NT	1.71E+01	mg/L
Acrylonitrile	0/4		1.30E-01 - 1.30E+02	NT	1.71E+01	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=a MEDIA=RGA Groundwater
(continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Anthracene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benz(a)anthracene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzene	0/19		1.30E-02 - 5.00E+01	NT	4.10E+00	mg/L
Benzenemethanol	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzo(a)pyrene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzo(b)fluoranthene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzo(ghi)perylene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzo(k)fluoranthene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzoic acid	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Bis(2-chloroethoxy)methane	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-chloroethyl) ether	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-chloroisopropyl)ether	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-ethylhexyl)phthalate	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bromodichloromethane	0/50		1.30E-02 - 5.00E+01	NT	1.01E+01	mg/L
Bromoform	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
Bromomethane	0/4		2.50E-02 - 2.50E+01	NT	3.28E+00	mg/L
Butyl benzyl phthalate	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbazole	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
Carbon tetrachloride	2/50	1.20E-01 - 1.60E-01	1.30E-02 - 5.00E+01	L	4.49E-02	mg/L
Chlorobenzene	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
Chloroethane	0/5		2.50E-02 - 2.50E+01	NT	2.64E+00	mg/L
Chloroform	1/50	2.00E-03 - 2.00E-03	5.00E-02 - 5.00E+01	L	4.41E+01	mg/L
Chloromethane	0/4		2.50E-02 - 2.50E+01	NT	3.28E+00	mg/L
Chrysene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Di-n-butyl phthalate	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Di-n-octylphthalate	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibenz(a,h)anthracene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibenzofuran	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibromochloromethane	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
Dibromomethane	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
Dichlorodifluoromethane	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
Dichloroethene	0/3		5.00E-01 - 5.00E+01	NT	1.68E+01	mg/L
Diethyl phthalate	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dimethyl phthalate	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dimethylbenzene	0/19		1.30E-02 - 1.00E+02	NT	7.14E+00	mg/L
Ethane	0/1		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Ethyl cyanide	0/4		2.50E-01 - 2.50E+02	NT	3.28E+01	mg/L
Ethyl methacrylate	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
Ethylbenzene	0/19		1.30E-02 - 5.00E+01	NT	4.10E+00	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=a MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Ethylene	0/1		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Fluoranthene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Fluorene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorobenzene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorobutadiene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorocyclopentadiene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachloroethane	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Indeno(1,2,3-cd)pyrene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Iodomethane	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
Isophorone	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Methacrylonitrile	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
Methyl methacrylate	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
Methylene chloride	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
N-Nitroso-di-n-propylamine	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
N-Nitrosodiphenylamine	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Naphthalene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Nitrobenzene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pentachlorophenol	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Phenanthrene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Phenol	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Polychlorinated biphenyl	0/4		1.70E-04 - 1.70E-04	NT	1.70E-04	mg/L
Pyrene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Styrene	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
Tetrachloroethene	4/74	2.70E-02 - 2.30E-01	5.00E-02 - 5.00E+01	N	1.30E+01	mg/L
Toluene	0/19		1.30E-02 - 5.00E+01	NT	4.10E+00	mg/L
Trans-1,4-Dichloro-2-butene	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
Trichloroethene	94/94	2.10E-01 - 4.60E+02		L	3.66E+02	mg/L
Trichlorofluoromethane	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
Vinyl acetate	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
Vinyl chloride	0/50		5.00E-03 - 1.00E+02	NT	3.83E+01	mg/L
cis-1,2-Dichloroethene	4/46	4.00E-03 - 2.20E-01	5.00E-02 - 5.00E+01	L	3.77E-02	mg/L
cis-1,3-Dichloropropene	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
trans-1,2-Dichloroethene	2/46	2.90E-03 - 1.20E+00	5.00E-02 - 5.00E+01	L	1.64E-02	mg/L
trans-1,3-Dichloropropene	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
Alpha activity	60/79	2.00E-01 - 6.59E+01	-1.59E+02 - 1.00E+03	L	6.24E+00	pCi/L
Americium-241	3/4	1.00E-02 - 7.00E-02	2.30E-01 - 2.30E-01	N	4.13E-02	pCi/L
Beta activity	69/79	3.75E+00 - 9.83E+03	1.00E+03 - 1.00E+03	L	2.94E+02	pCi/L
Cesium-137	3/5	1.01E+00 - 1.29E+01	4.80E-01 - 2.91E+01	N	5.46E+00	pCi/L
Neptunium-237	6/8	1.00E-01 - 1.44E+01	0.00E+00 - 2.04E+00	L	2.09E+00	pCi/L
Plutonium-239	2/8	2.00E-02 - 9.00E-02	-1.00E-02 - 0.00E+00	L	6.18E-02	pCi/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=a MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Radon-222	4/4	2.78E+02 - 6.04E+02		N	2.39E+02	pCi/L
Technetium-99	85/88	2.00E+00 - 1.67E+04	-7.20E+00 - 0.00E+00	L	3.45E+02	pCi/L
Thorium-230	7/8	7.00E-02 - 1.10E+00	6.00E-02 - 6.00E-02	L	4.42E-01	pCi/L
Uranium-234	3/4	3.00E-02 - 1.50E-01	5.00E-02 - 5.00E-02	N	8.00E-02	pCi/L
Uranium-235	2/4	1.00E-02 - 2.00E-02	-1.00E-02 - 0.00E+00	N	5.00E-03	pCi/L
Uranium-238	3/4	1.00E-02 - 5.00E-02	-1.00E-02 --1.00E-02	N	1.75E-02	pCi/L

AREA_CODE=a MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	14/14	1.31E-01 - 1.28E+01		L	9.55E-01	mg/L
Antimony	1/15	2.79E-02 - 2.79E-02	6.00E-02 - 1.85E-01	L	3.28E-02	mg/L
Arsenic	1/15	8.00E-03 - 8.00E-03	1.11E-03 - 5.00E-03	N	2.47E-03	mg/L
Barium	15/15	4.50E-02 - 1.98E-01		L	3.87E-02	mg/L
Beryllium	1/15	5.56E-04 - 5.56E-04	4.00E-03 - 1.50E-02	L	2.79E-03	mg/L
Cadmium	0/15		2.67E-04 - 2.50E-02	NT	5.18E-03	mg/L
Calcium	15/15	1.49E+01 - 5.75E+01		L	1.14E+01	mg/L
Chloride	14/14	1.90E+01 - 1.56E+02		L	2.36E+01	mg/L
Chromium	1/16	1.42E-02 - 1.42E-02	5.00E-02 - 6.00E-02	N	2.42E-02	mg/L
Cobalt	1/15	2.00E-03 - 2.00E-03	4.50E-02 - 5.00E-02	N	2.32E-02	mg/L
Copper	1/15	1.00E-02 - 1.00E-02	1.00E-02 - 2.50E-02	N	5.50E-03	mg/L
Cyanide	0/1		6.00E-03 - 6.00E-03	NT	3.00E-03	mg/L
Fluoride	4/13	1.00E-01 - 1.70E-01	1.00E-01 - 1.00E-01	L	9.97E-02	mg/L
Iron	15/15	1.90E-02 - 5.43E+00		L	1.08E+00	mg/L
Lead	2/4	3.69E-03 - 6.90E-02	5.00E-02 - 2.50E-01	N	4.66E-02	mg/L
Magnesium	15/15	5.63E+00 - 1.93E+01		L	4.36E+00	mg/L
Manganese	14/15	9.00E-03 - 1.13E-01	5.00E-03 - 5.00E-03	L	3.89E-02	mg/L
Mercury	0/4		2.00E-04 - 2.10E-04	NT	1.01E-04	mg/L
Molybdenum	0/13		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Nickel	2/15	2.03E-02 - 4.15E-01	5.00E-02 - 5.00E-02	L	1.27E-02	mg/L
Nitrate as Nitrogen	6/14	1.00E+00 - 1.90E+00	1.00E+00 - 1.00E+00	L	1.15E+00	mg/L
Potassium	2/14	2.28E+00 - 2.95E+00	2.00E+00 - 2.00E+00	L	1.56E+00	mg/L
Selenium	0/4		1.44E-03 - 5.00E-03	NT	2.06E-03	mg/L
Silica	3/3	1.70E+01 - 3.80E+01		N	1.35E+01	mg/L
Silver	0/2		5.67E-03 - 6.00E-02	NT	1.64E-02	mg/L
Sodium	15/15	5.12E+01 - 1.26E+02		L	3.73E+01	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=a MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Tetraoxo-sulfate(1-)	14/14	8.70E+00 - 1.36E+02		N	5.51E+01	mg/L
Thallium	0/14		4.67E-04 - 6.00E-02	NT	2.79E-02	mg/L
Uranium	2/6	2.80E-04 - 3.10E-02	1.00E-03 - 1.00E-03	N	5.88E-03	mg/L
Vanadium	10/14	1.91E-02 - 1.57E-01	5.00E-02 - 5.00E-02	L	7.32E-02	mg/L
Zinc	6/15	8.00E-03 - 5.50E-02	5.00E-03 - 8.00E-03	L	9.54E-03	mg/L
1,1,1,2-Tetrachloroethane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
1,1,1-Trichloroethane	0/4		5.00E-02 - 5.00E+01	NT	9.44E+00	mg/L
1,1,2,2-Tetrachloroethane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
1,1,2-Trichloroethane	0/14		5.00E-02 - 5.00E+01	NT	1.97E+01	mg/L
1,1-Dichloroethane	0/4		5.00E-02 - 5.00E+01	NT	9.44E+00	mg/L
1,1-Dichloroethene	1/16	1.60E-03 - 1.60E-03	4.00E-03 - 5.00E+01	L	1.68E+01	mg/L
1,2,3-Trichloropropane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
1,2,4-Trichlorobenzene	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,2-Dibromoethane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
1,2-Dichlorobenzene	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,2-Dichloroethane	0/15		5.00E-02 - 5.00E+01	NT	1.87E+01	mg/L
1,2-Dichloropropane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
1,2-Dimethylbenzene	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
1,3-Dichlorobenzene	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,4-Dichlorobenzene	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4,5-Trichlorophenol	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
2,4,6-Trichlorophenol	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4-Dichlorophenol	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4-Dimethylphenol	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4-Dinitrophenol	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
2,4-Dinitrotoluene	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,6-Dinitrotoluene	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Butanone	0/1		2.50E+01 - 2.50E+01	NT	1.25E+01	mg/L
2-Chloro-1,3-butadiene	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
2-Chloroethyl vinyl ether	0/1		2.50E+01 - 2.50E+01	NT	1.25E+01	mg/L
2-Chloronaphthalene	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Chlorophenol	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Hexanone	0/1		2.50E+01 - 2.50E+01	NT	1.25E+01	mg/L
2-Methyl-4,6-dinitrophenol	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
2-Methylnaphthalene	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Methylphenol	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Nitrobenzenamine	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
2-Nitrophenol	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Propanol	0/1		1.40E+02 - 1.40E+02	NT	7.00E+01	mg/L
3,3'-Dichlorobenzidine	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=a MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
3-Nitrobenzenamine	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Bromophenyl phenyl ether	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Chloro-3-methylphenol	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Chlorobenzenamine	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Chlorophenyl phenyl ether	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Methyl-2-pentanone	0/1		2.50E+01 - 2.50E+01	NT	1.25E+01	mg/L
4-Methylphenol	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Nitrobenzenamine	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Nitrophenol	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Acenaphthene	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Acenaphthylene	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Acetone	0/1		2.50E+01 - 2.50E+01	NT	1.25E+01	mg/L
Acrolein	0/1		1.30E+02 - 1.30E+02	NT	6.50E+01	mg/L
Acrylonitrile	0/1		1.30E+02 - 1.30E+02	NT	6.50E+01	mg/L
Anthracene	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Benz(a)anthracene	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Benzene	0/13		5.00E-03 - 5.00E+01	NT	2.91E+00	mg/L
Benzenemethanol	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzo(a)pyrene	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Benzo(b)fluoranthene	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Benzo(ghi)perylene	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Benzo(k)fluoranthene	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Benzoic acid	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Bis(2-chloroethoxy)methane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-chloroethyl) ether	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-chloroisopropyl)ether	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-ethylhexyl)phthalate	1/1	1.00E-03 - 1.00E-03		NT	5.00E-04	mg/L
Bromodichloromethane	0/15		5.00E-02 - 5.00E+01	NT	2.00E+01	mg/L
Bromoform	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Bromomethane	0/1		2.50E+01 - 2.50E+01	NT	1.25E+01	mg/L
Butyl benzyl phthalate	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbazole	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Carbon tetrachloride	0/15		5.00E-02 - 5.00E+01	NT	2.00E+01	mg/L
Chlorobenzene	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Chloroethane	0/2		1.25E+01 - 2.50E+01	NT	9.38E+00	mg/L
Chloroform	1/16	1.30E-02 - 1.30E-02	5.00E-02 - 5.00E+01	N	1.88E+01	mg/L
Chloromethane	0/1		2.50E+01 - 2.50E+01	NT	1.25E+01	mg/L
Chrysene	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Di-n-butyl phthalate	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=a MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Di-n-octylphthalate	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibenz(a,h)anthracene	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Dibenzofuran	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibromochloromethane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Dibromomethane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Dichlorodifluoromethane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Dichloroethene	0/2		5.00E+01 - 5.00E+01	NT	2.50E+01	mg/L
Diethyl phthalate	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dimethyl phthalate	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dimethylbenzene	0/13		5.00E-03 - 1.00E+02	NT	4.83E+00	mg/L
Ethane	0/1		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Ethyl cyanide	0/1		2.50E+02 - 2.50E+02	NT	1.25E+02	mg/L
Ethyl methacrylate	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Ethylbenzene	0/13		5.00E-03 - 5.00E+01	NT	2.91E+00	mg/L
Ethylene	0/1		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Fluoranthene	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Fluorene	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Hexachlorobenzene	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorobutadiene	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorocyclopentadiene	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachloroethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Indeno(1,2,3-cd)pyrene	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Iodomethane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Isophorone	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Methacrylonitrile	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Methyl methacrylate	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Methylene chloride	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
N-Nitroso-di-n-propylamine	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
N-Nitrosodiphenylamine	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Naphthalene	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Nitrobenzene	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pentachlorophenol	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Phenanthrene	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Phenol	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Polychlorinated biphenyl	0/1		1.70E-04 - 1.70E-04	NT	1.70E-04	mg/L
Pyrene	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Styrene	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Tetrachloroethene	0/15		5.00E-02 - 5.00E+01	NT	2.00E+01	mg/L
Toluene	0/13		5.00E-03 - 5.00E+01	NT	2.91E+00	mg/L
Trans-1,4-Dichloro-2-butene	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=a MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Trichloroethene	34/36	2.30E-03 - 7.80E+02	4.00E-03 - 4.00E-03	L	1.94E+01	mg/L
Trichlorofluoromethane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Vinyl acetate	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Vinyl chloride	0/27		4.00E-03 - 1.00E+02	NT	4.34E+01	mg/L
cis-1,2-Dichloroethene	1/25	1.30E-01 - 1.30E-01	4.00E-03 - 5.00E+01	L	2.49E+03	mg/L
cis-1,3-Dichloropropene	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
trans-1,2-Dichloroethene	2/25	3.40E-03 - 5.00E-01	4.00E-03 - 5.00E+01	L	1.45E-03	mg/L
trans-1,3-Dichloropropene	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Alpha activity	28/31	1.41E-01 - 4.22E+01	-4.00E+00 - 0.00E+00	L	9.11E+00	pCi/L
Beta activity	31/31	1.00E+00 - 6.72E+02		L	5.98E+01	pCi/L
Neptunium-237	2/2	3.00E-01 - 9.00E-01		N	3.00E-01	pCi/L
Plutonium-239	1/2	1.00E-01 - 1.00E-01	0.00E+00 - 0.00E+00	N	2.50E-02	pCi/L
Radon-222	1/1	4.61E+02 - 4.61E+02		NT	2.31E+02	pCi/L
Technetium-99	20/22	2.30E+01 - 1.20E+02	0.00E+00 - 3.60E+00	N	6.09E+01	pCi/L
Thorium-230	2/2	2.00E-01 - 7.00E-01		N	2.25E-01	pCi/L

AREA_CODE=b MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	2/35	6.50E-01 - 1.50E+00	6.25E-01 - 1.00E+00	L	3.06E-01	mg/L
Antimony	1/13	1.85E-01 - 1.85E-01	1.85E-01 - 2.50E-01	N	1.00E-01	mg/L
Arsenic	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Barium	4/5	8.40E-02 - 1.70E-01	7.00E-02 - 7.00E-02	N	5.74E-02	mg/L
Beryllium	0/5		1.50E-02 - 2.50E-02	NT	9.50E-03	mg/L
Cadmium	0/5		2.50E-02 - 1.00E-01	NT	3.50E-02	mg/L
Calcium	35/35	1.17E+01 - 2.76E+01		L	8.57E+00	mg/L
Chloride	32/32	5.40E+00 - 5.51E+01		L	3.97E+00	mg/L
Chromium	0/5		5.00E-02 - 6.00E-02	NT	2.80E-02	mg/L
Cobalt	0/5		4.50E-02 - 1.00E-01	NT	2.90E-02	mg/L
Copper	0/5		2.50E-02 - 1.00E-01	NT	3.50E-02	mg/L
Fluoride	14/14	1.40E-01 - 1.70E-01		N	1.56E-01	mg/L
Iron	34/35	5.14E+00 - 1.66E+01	3.00E-01 - 3.00E-01	N	5.98E+00	mg/L
Lead	0/5		6.00E-02 - 2.50E-01	NT	1.06E-01	mg/L
Magnesium	35/35	5.60E+00 - 1.23E+01		N	4.09E+00	mg/L
Manganese	34/35	2.07E-01 - 9.11E-01	2.00E-02 - 2.00E-02	N	3.48E-01	mg/L
Mercury	0/6		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=b MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Molybdenum	0/5		5.00E-02 - 1.00E-01	NT	3.60E-02	mg/L
Nickel	0/5		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Nitrate as Nitrogen	1/32	5.60E+00 - 5.60E+00	1.00E+00 - 1.00E+00	N	5.72E-01	mg/L
Potassium	16/32	5.02E+00 - 5.58E+00	5.00E+00 - 1.05E+01	L	5.28E+00	mg/L
Selenium	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Silica	26/26	5.00E+00 - 2.70E+01		N	7.10E+00	mg/L
Silver	0/4		5.00E-02 - 6.00E-02	NT	2.63E-02	mg/L
Sodium	35/35	2.08E+01 - 3.81E+01		L	1.46E+01	mg/L
Sulfate	0/1		5.00E+00 - 5.00E+00	NT	2.50E+00	mg/L
Tetraoxo-sulfate(1-)	17/31	1.40E+00 - 1.72E+01	5.00E+00 - 5.00E+00	L	7.01E+00	mg/L
Thallium	0/1		4.70E-01 - 4.70E-01	NT	2.35E-01	mg/L
Tin	0/1		2.80E-01 - 2.80E-01	NT	1.40E-01	mg/L
Total Phosphate as Phosphorus	0/35		2.00E+00 - 2.00E+00	NT	1.00E+00	mg/L
Uranium	0/5		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vanadium	1/1	4.00E-02 - 4.00E-02		NT	2.00E-02	mg/L
Zinc	2/5	4.50E-02 - 8.00E-02	1.00E-01 - 2.50E-01	N	5.75E-02	mg/L
1,1,1-Trichloroethane	0/43		5.00E-03 - 1.00E+00	NT	1.41E-02	mg/L
1,1,2-Trichloroethane	0/43		5.00E-03 - 1.00E+00	NT	1.41E-02	mg/L
1,1-Dichloroethane	0/43		5.00E-03 - 1.00E+00	NT	1.41E-02	mg/L
1,1-Dichloroethene	0/43		5.00E-03 - 1.00E+00	NT	1.41E-02	mg/L
1,2-Dichloroethane	0/43		5.00E-03 - 1.00E+00	NT	1.41E-02	mg/L
1,3-Dichlorobenzene	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Benzene	0/43		5.00E-03 - 1.00E+00	NT	1.41E-02	mg/L
Bromodichloromethane	0/43		5.00E-03 - 1.00E+00	NT	1.41E-02	mg/L
Carbon tetrachloride	0/43		5.00E-03 - 1.00E+00	NT	1.41E-02	mg/L
Chloroform	0/43		5.00E-03 - 1.00E+00	NT	1.41E-02	mg/L
Dimethylbenzene	0/43		5.00E-03 - 1.00E+00	NT	1.53E-02	mg/L
Ethylbenzene	0/43		5.00E-03 - 1.00E+00	NT	1.41E-02	mg/L
Tetrachloroethene	0/43		5.00E-03 - 1.00E+00	NT	1.41E-02	mg/L
Toluene	0/43		5.00E-03 - 1.00E+00	NT	1.41E-02	mg/L
Trichloroethene	4/43	1.00E-03 - 9.60E+00	1.00E-03 - 5.00E-03	N	2.24E-01	mg/L
Vinyl chloride	0/43		5.00E-03 - 1.00E+00	NT	3.06E-02	mg/L
cis-1,2-Dichloroethene	0/43		5.00E-03 - 1.00E+00	NT	2.81E-02	mg/L
trans-1,2-Dichloroethene	0/43		5.00E-03 - 1.00E+00	NT	2.81E-02	mg/L
Alpha activity	28/35	2.00E-01 - 7.30E+00	-3.11E+01 --2.00E-01	L	2.71E+00	pCi/L
Beta activity	34/35	1.00E+00 - 1.48E+03	0.00E+00 - 0.00E+00	L	1.73E+01	pCi/L
Neptunium-237	2/3	1.00E-01 - 4.00E-01	-3.00E-01 --3.00E-01	N	3.33E-02	pCi/L
Plutonium-238	1/2	5.00E-02 - 5.00E-02	-1.00E-01 --1.00E-01	N	-1.25E-02	pCi/L
Plutonium-239/240	0/1		-1.21E-02 --1.21E-02	NT	-6.05E-03	pCi/L
Radium-226	2/3	7.00E-01 - 8.60E-01	0.00E+00 - 0.00E+00	N	2.60E-01	pCi/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=b MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Radon-222	31/31	2.20E+01 - 2.91E+02		N	6.20E+01	pCi/L
Technetium-99	28/43	5.00E-01 - 1.95E+03	-1.20E+01 - 0.00E+00	L	1.43E+01	pCi/L
Thorium-230	1/2	1.00E-02 - 1.00E-02	-1.41E-01 --1.41E-01	N	-3.28E-02	pCi/L

AREA_CODE=b MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	106/298	1.25E-01 - 1.43E+02	1.50E-02 - 1.00E+00	N	1.09E+00	mg/L
Antimony	0/170		1.80E-03 - 2.50E-01	NT	8.07E-02	mg/L
Arsenic	28/399	5.00E-03 - 1.40E-01	2.60E-03 - 5.00E-03	N	3.03E-03	mg/L
Barium	99/105	2.64E-02 - 2.20E+00	7.00E-02 - 7.00E-02	L	1.96E-01	mg/L
Beryllium	9/111	3.00E-04 - 1.40E-02	2.00E-04 - 2.50E-02	N	5.86E-03	mg/L
Cadmium	3/411	1.00E-02 - 2.13E-01	3.00E-04 - 1.00E-01	N	7.72E-03	mg/L
Calcium	340/340	1.06E+01 - 4.87E+01		L	1.24E+01	mg/L
Chloride	318/318	7.60E+00 - 5.86E+02		N	2.29E+01	mg/L
Chromium	50/411	2.50E-03 - 8.89E-01	1.00E-02 - 6.00E-02	N	3.11E-02	mg/L
Chromium, hexavalent	0/12		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Cobalt	3/105	6.10E-03 - 9.00E-02	2.40E-03 - 1.00E-01	N	2.51E-02	mg/L
Copper	15/114	1.10E-02 - 8.10E-02	2.10E-03 - 1.00E-01	N	1.67E-02	mg/L
Fluoride	115/185	1.00E-01 - 7.10E-01	1.00E-01 - 1.00E+00	N	1.43E-01	mg/L
Iron	244/343	3.20E-02 - 4.18E+02	1.00E-02 - 5.00E-01	N	3.62E+00	mg/L
Lead	8/370	5.00E-03 - 4.32E-01	1.70E-03 - 2.50E-01	N	3.80E-02	mg/L
Magnesium	343/343	3.30E+00 - 2.88E+01		L	4.96E+00	mg/L
Manganese	218/334	2.50E-03 - 8.20E+00	5.00E-03 - 1.00E-01	N	3.37E-01	mg/L
Mercury	1/359	3.00E-04 - 3.00E-04	2.00E-04 - 4.70E-02	N	3.83E-04	mg/L
Molybdenum	3/81	1.50E-02 - 2.50E-02	4.40E-03 - 1.00E-01	N	2.88E-02	mg/L
Nickel	57/117	1.40E-02 - 5.70E-01	4.20E-03 - 1.00E-01	L	1.12E-01	mg/L
Nitrate as Nitrogen	201/304	1.00E+00 - 3.93E+01	1.00E+00 - 1.00E+00	N	1.50E+00	mg/L
Nitrate/Nitrite	6/6	5.00E-02 - 9.40E+00		N	9.37E-01	mg/L
Potassium	25/309	1.10E-01 - 2.44E+01	2.00E+00 - 1.05E+01	N	3.08E+00	mg/L
Selenium	1/369	4.76E-01 - 4.76E-01	3.80E-03 - 1.50E-02	N	3.15E-03	mg/L
Silica	188/188	1.10E+01 - 4.50E+01		L	9.91E+00	mg/L
Silver	1/55	5.70E-03 - 5.70E-03	4.10E-03 - 6.00E-02	N	2.58E-02	mg/L
Sodium	342/342	8.70E+00 - 1.62E+02		N	1.32E+01	mg/L
Sulfate	27/27	2.90E+00 - 4.20E+01		L	7.23E+00	mg/L
Tetraoxo-sulfate(1-)	291/292	6.00E+00 - 2.24E+02	2.00E+00 - 2.00E+00	N	6.72E+00	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=b MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Thallium	0/55		2.20E-03 - 4.70E-01	NT	7.94E-02	mg/L
Tin	3/13	1.80E-02 - 8.00E-01	1.70E-02 - 2.80E-01	L	4.02E-02	mg/L
Total Phosphate as Phosphorus	12/260	1.70E+00 - 3.49E+01	2.00E+00 - 2.00E+00	N	1.13E+00	mg/L
Uranium	17/416	1.00E-03 - 1.90E-01	1.00E-03 - 9.20E-02	N	4.92E-03	mg/L
Vanadium	48/63	2.50E-03 - 2.10E-01	1.70E-03 - 2.50E-01	N	3.45E-02	mg/L
Zinc	44/116	6.00E-03 - 2.29E-01	5.00E-03 - 2.50E-01	L	2.12E-02	mg/L
1,1,1,2-Tetrachloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,1-Trichloroethane	0/417		5.00E-03 - 5.00E+00	NT	2.85E-01	mg/L
1,1,2,2-Tetrachloroethane	0/10		1.20E-03 - 5.00E-03	NT	1.74E-03	mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	2/4	8.80E-04 - 5.70E-03	3.60E-04 - 3.60E-04	N	9.13E-04	mg/L
1,1,2-Trichloroethane	1/446	2.00E-03 - 2.00E-03	5.00E-03 - 5.00E+00	N	2.87E-01	mg/L
1,1-Dichloroethane	1/420	4.10E-03 - 4.10E-03	5.00E-03 - 5.00E+00	N	2.84E-01	mg/L
1,1-Dichloroethene	1/419	1.30E-03 - 1.30E-03	5.00E-03 - 5.00E+00	N	2.85E-01	mg/L
1,2,3-Trichloropropane	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
1,2,4,5-Tetrachlorobenzene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
1,2,4-Trichlorobenzene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
1,2-Dibromo-3-chloropropane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,2-Dibromoethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichlorobenzene	0/5		2.00E-04 - 9.00E-03	NT	9.80E-04	mg/L
1,2-Dichloroethane	1/449	1.10E-03 - 1.10E-03	1.00E-03 - 5.00E+00	N	2.86E-01	mg/L
1,2-Dichloroethene	0/5		5.00E-03 - 1.25E+00	NT	1.27E-01	mg/L
1,2-Dichloropropane	0/10		2.60E-04 - 5.00E-03	NT	1.55E-03	mg/L
1,3,5-Trinitrobenzene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
1,3-Dichlorobenzene	0/13		2.40E-04 - 1.00E-01	NT	1.17E-02	mg/L
1,3-Dinitrobenzene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
1,4-Dichlorobenzene	0/5		2.20E-04 - 9.00E-03	NT	9.88E-04	mg/L
1,4-Dioxane	0/1		2.00E-01 - 2.00E-01	NT	1.00E-01	mg/L
1,4-Naphthoquinone	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
1-Naphthalenamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2,3,4,6-Tetrachlorophenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2,4,5-Trichlorophenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2,4,6-Trichlorophenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2,4-Dichlorophenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2,4-Dimethylphenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2,4-Dinitrophenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2,4-Dinitrotoluene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2,6-Dinitrotoluene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Acetylaminofluorene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Butanone	0/9		3.40E-03 - 1.00E-01	NT	2.41E-02	mg/L
2-Chloro-1,3-butadiene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=b MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
2-Chloroethyl vinyl ether	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
2-Chloronaphthalene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Chlorophenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Hexanone	0/10		1.10E-03 - 5.00E-02	NT	1.37E-02	mg/L
2-Methyl-4,6-dinitrophenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Methylnaphthalene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Methylphenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Methylpyridine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Naphthalenamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Nitrobenzenamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Nitrophenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
3,3'-Dichlorobenzidine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
3,3'-Dimethylbenzidine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
3-Methylcholanthrene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
3-Nitrobenzenamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
4-Aminobiphenyl	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
4-Bromophenyl phenyl ether	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
4-Chloro-3-methylphenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
4-Chlorobenzenamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
4-Chlorophenyl phenyl ether	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
4-Methyl-2-pentanone	1/9	2.50E-03 - 2.50E-03	1.10E-03 - 5.00E-02	L	2.50E-02	mg/L
4-Methylphenol	0/1		3.80E-02 - 3.80E-02	NT	1.90E-02	mg/L
4-Nitrobenzenamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
4-Nitrophenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
4-Nitroquinoline-1-oxide	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
5-(2-Propenyl)-1,3-benzodioxole (Safrole)	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
5-Nitro-o-toluidine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
7,12-Dimethylbenz(a)anthracene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Acenaphthene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Acenaphthylene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Acetone	4/11	5.40E-03 - 2.30E-02	1.40E-03 - 1.00E-01	L	8.79E-03	mg/L
Acetonitrile	0/1		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Acetophenone	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Acrolein	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Acrylonitrile	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Allyl chloride	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Aniline	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Anthracene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Aramite	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Benz(a)anthracene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=b MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Benzene	0/423		5.00E-03 - 5.00E+00	NT	2.81E-01	mg/L
Benzenemethanol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Benzo(a)pyrene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Benzo(b)fluoranthene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Benzo(ghi)perylene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Benzo(k)fluoranthene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Benzyl Chloride	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bis(2-chloroethoxy)methane	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Bis(2-chloroethyl) ether	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Bis(2-chloroisopropyl)ether	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Bis(2-ethylhexyl)phthalate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Bromodichloromethane	0/450		5.00E-03 - 5.00E+00	NT	2.88E-01	mg/L
Bromoform	0/12		4.40E-04 - 1.25E+00	NT	6.15E-02	mg/L
Bromomethane	0/10		2.50E-04 - 1.00E-02	NT	3.05E-03	mg/L
Butyl benzyl phthalate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Carbazole	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Carbon disulfide	0/9		3.30E-04 - 1.00E-01	NT	2.26E-02	mg/L
Carbon tetrachloride	2/450	1.20E-02 - 1.60E-02	5.00E-03 - 5.00E+00	N	2.87E-01	mg/L
Chlorobenzene	1/9	2.00E-03 - 2.00E-03	4.90E-04 - 5.00E-03	L	1.58E-03	mg/L
Chlorobenzilate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Chloroethane	0/13		1.40E-03 - 1.25E+00	NT	1.47E-01	mg/L
Chloroform	3/448	1.00E-03 - 1.40E-02	5.00E-03 - 5.00E+00	N	2.87E-01	mg/L
Chloromethane	0/10		3.70E-04 - 1.00E-02	NT	3.07E-03	mg/L
Chrysene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Di-n-butyl phthalate	1/1	8.00E-03 - 8.00E-03		NT	4.00E-03	mg/L
Di-n-octylphthalate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Diallate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Dibenz(a,h)anthracene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Dibenzofuran	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Dibromochloromethane	0/9		4.30E-04 - 5.00E-03	NT	1.48E-03	mg/L
Dibromomethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dichlorodifluoromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Diethyl phthalate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Dimethoate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Dimethyl phthalate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Dimethylbenzene	0/423		5.00E-03 - 1.00E+01	NT	4.85E-01	mg/L
Dinoseb	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Diphenylamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Disulfoton	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Ethane	8/11	1.00E-03 - 1.97E-01	3.00E-02 - 3.00E-02	L	3.42E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=b MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Ethyl cyanide	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Ethyl methacrylate	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Ethyl methanesulfonate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Ethylbenzene	0/424		5.00E-03 - 5.00E+00	NT	2.80E-01	mg/L
Ethylene	8/11	7.00E-03 - 4.17E+00	3.00E-02 - 3.00E-02	L	1.71E-01	mg/L
Famphur	0/1		9.00E+00 - 9.00E+00	NT	4.50E+00	mg/L
Fluoranthene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Fluorene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Hexachloro-1-propene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Hexachlorobenzene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Hexachlorobutadiene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Hexachlorocyclopentadiene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Hexachloroethane	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Hexachlorophene	0/1		1.90E-01 - 1.90E-01	NT	9.50E-02	mg/L
Indeno(1,2,3-cd)pyrene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Iodomethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Isobutanol	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Isodrin	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Isophorone	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Isosafrole	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Kepone	0/1		1.90E-01 - 1.90E-01	NT	9.50E-02	mg/L
Methacrylonitrile	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Methapyrilene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Methyl methacrylate	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Methyl methanesulfonate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Methyl parathion	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Methylene chloride	1/9	5.00E-03 - 5.00E-03	3.50E-04 - 5.00E-03	N	1.47E-03	mg/L
N-Nitroso-di-n-butylamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitroso-di-n-propylamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosodiethylamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosodimethylamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosodiphenylamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosomethylethylamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosomorpholine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosopiperidine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosopyrrolidine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Naphthalene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Nitrobenzene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
O,O,O-Triethylphosphorothioate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Parathion	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=b MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Pentachlorobenzene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Pentachloroethane	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Pentachloronitrobenzene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Pentachlorophenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Phenacetin	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Phenanthrene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Phenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Phorate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Polychlorinated biphenyl	0/16		1.00E-04 - 1.70E-04	NT	1.18E-04	mg/L
Pronamide	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Pyrene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Pyridine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Styrene	0/10		4.00E-04 - 5.00E-03	NT	1.58E-03	mg/L
Sulfotepp	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Tetrachloroethene	2/449	1.90E-03 - 3.20E-01	5.00E-03 - 5.00E+00	N	2.88E-01	mg/L
Thionazin	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Toluene	3/424	1.00E-03 - 1.10E-02	5.00E-03 - 5.00E+00	N	2.79E-01	mg/L
Trichloroethene	495/791	7.00E-04 - 3.00E+01	1.00E-03 - 1.00E+00	N	2.17E+00	mg/L
Trichlorofluoromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Vinyl acetate	0/6		5.00E-03 - 5.00E-02	NT	2.13E-02	mg/L
Vinyl chloride	2/462	2.50E+00 - 6.30E+00	1.30E-03 - 1.00E+01	N	9.86E-01	mg/L
a,a-Dimethylphenethylamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
cis-1,2-Dichloroethene	11/457	1.10E-03 - 4.20E+00	4.70E-04 - 5.00E+00	N	5.71E-01	mg/L
cis-1,3-Dichloropropene	0/9		4.00E-04 - 5.00E-03	NT	1.48E-03	mg/L
cis-1,4-Dichloro-2-Butene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
o-Toluidine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
p-Dimethylaminoazobenzene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
p-Phenylenediamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
trans-1,2-Dichloroethene	2/458	4.90E-04 - 3.80E-03	4.80E-04 - 5.00E+00	N	5.69E-01	mg/L
trans-1,3-Dichloropropene	0/10		4.70E-04 - 5.00E-03	NT	1.59E-03	mg/L
Alpha activity	329/529	7.00E-02 - 5.59E+01	-8.47E+01 - 1.00E+03	N	5.59E+01	pCi/L
Americium-241	9/15	1.00E-01 - 3.50E+00	-8.00E-01 --4.00E-01	L	6.45E-01	pCi/L
Beta activity	463/529	1.00E+00 - 5.29E+03	-1.00E+01 - 1.00E+03	N	3.08E+02	pCi/L
Cesium-137	3/26	3.00E-01 - 8.00E-01	-2.70E+00 - 1.87E+04	L	4.86E-01	pCi/L
Cobalt-60	7/9	2.00E-01 - 2.30E+00	-6.00E-01 --2.00E-01	L	9.93E-01	pCi/L
Neptunium-237	19/35	3.00E-02 - 5.00E-01	-7.34E-01 --1.12E-02	L	1.97E-01	pCi/L
Plutonium-238	9/13	1.00E-02 - 7.00E-02	-1.40E-01 - 0.00E+00	N	6.54E-03	pCi/L
Plutonium-239	9/15	1.00E-02 - 1.30E-01	-1.26E-01 - 0.00E+00	L	7.62E-02	pCi/L
Plutonium-239/240	5/7	8.87E-04 - 3.06E-02	-3.99E-03 --3.54E-03	L	9.95E-03	pCi/L
Protactinium-234	0/6		-2.80E+01 --9.30E-01	NT	-7.25E+00	pCi/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=b MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Radium-226	27/31	6.00E-02 - 7.39E+02	0.00E+00 - 0.00E+00	L	2.92E+00	pCi/L
Radon-222	247/247	1.10E+01 - 2.23E+03		N	1.12E+02	pCi/L
Technetium-99	933/1E3	2.00E-01 - 5.80E+03	-1.00E+01 - 0.00E+00	N	3.73E+02	pCi/L
Thorium-230	22/29	2.69E-02 - 4.70E+00	-5.00E-01 --2.49E-02	L	5.17E-01	pCi/L
Uranium-234	15/21	1.70E-01 - 2.00E+02	3.00E-01 - 5.00E-01	L	1.49E+00	pCi/L
Uranium-235	4/12	9.00E-02 - 9.96E+00	1.52E-02 - 2.16E-02	L	2.63E-02	pCi/L
Uranium-235/236	8/10	1.00E-02 - 3.50E-01	0.00E+00 - 0.00E+00	L	8.60E-02	pCi/L
Uranium-238	14/18	1.00E-02 - 2.11E+02	0.00E+00 - 3.00E-01	L	1.51E+00	pCi/L

AREA_CODE=b MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	68/88	6.80E-02 - 5.41E+01	1.00E-01 - 1.00E+00	L	1.85E+00	mg/L
Antimony	0/73		2.40E-03 - 2.50E-01	NT	5.40E-02	mg/L
Arsenic	61/196	5.00E-03 - 4.53E-01	2.60E-03 - 5.00E-03	N	1.42E-02	mg/L
Barium	64/65	4.20E-02 - 5.85E-01	5.00E-02 - 5.00E-02	N	1.57E-01	mg/L
Beryllium	3/67	2.00E-04 - 4.00E-04	2.00E-04 - 2.50E-02	N	3.91E-03	mg/L
Cadmium	5/200	1.40E-02 - 1.80E-02	3.00E-04 - 1.00E-01	N	5.68E-03	mg/L
Calcium	105/105	7.55E+00 - 1.05E+02		L	2.24E+01	mg/L
Chloride	104/105	4.20E+00 - 6.29E+02	2.00E+00 - 2.00E+00	L	1.26E+02	mg/L
Chromium	36/200	1.50E-02 - 1.36E+00	1.00E-02 - 6.00E-02	N	3.16E-02	mg/L
Chromium, hexavalent	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Cobalt	1/65	7.50E-03 - 7.50E-03	5.00E-03 - 1.00E-01	N	2.37E-02	mg/L
Copper	3/68	1.00E-02 - 2.20E-02	8.70E-03 - 1.00E-01	N	9.00E-03	mg/L
Cyanide	0/3		2.40E-03 - 2.40E-03	NT	1.20E-03	mg/L
Fluoride	58/78	1.00E-01 - 2.40E+00	1.00E-01 - 1.00E-01	L	2.23E-01	mg/L
Iron	90/102	1.50E-02 - 3.44E+02	2.50E-01 - 5.00E-01	L	2.37E+00	mg/L
Lead	1/150	1.80E-03 - 1.80E-03	1.70E-03 - 2.50E-01	N	2.94E-02	mg/L
Magnesium	105/105	3.89E+00 - 5.30E+01		L	1.07E+01	mg/L
Manganese	76/100	1.00E-02 - 8.73E-01	2.00E-02 - 1.00E-01	L	1.98E-01	mg/L
Mercury	1/148	3.00E-04 - 3.00E-04	2.00E-04 - 4.70E-02	N	5.99E-04	mg/L
Molybdenum	1/58	1.00E-02 - 1.00E-02	4.40E-03 - 1.00E-01	N	2.49E-02	mg/L
Nickel	38/68	4.60E-02 - 2.30E+00	5.00E-02 - 1.00E-01	L	2.08E-01	mg/L
Nitrate as Nitrogen	20/97	1.00E+00 - 5.70E+00	1.00E+00 - 1.00E+00	N	5.97E-01	mg/L
Nitrate/Nitrite	5/5	9.90E-03 - 2.10E+00		N	3.29E-01	mg/L
Potassium	7/99	4.54E-01 - 9.34E+00	1.80E-02 - 1.05E+01	N	2.09E+00	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=b MEDIA=UCRS Groundwater
(continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Selenium	4/150	6.00E-03 - 1.60E-02	3.80E-03 - 5.00E-03	N	2.55E-03	mg/L
Silica	41/41	1.80E+01 - 7.90E+01		L	1.91E+01	mg/L
Silver	1/14	5.00E-03 - 5.00E-03	4.50E-03 - 6.00E-02	N	2.34E-02	mg/L
Sodium	105/105	2.20E+01 - 2.81E+02		L	6.42E+01	mg/L
Sulfate	14/14	5.20E+00 - 2.19E+02		L	6.54E+01	mg/L
Tetraoxo-sulfate(1-)	90/91	5.00E+00 - 4.90E+02	5.00E+00 - 5.00E+00	L	8.01E+01	mg/L
Thallium	2/53	7.30E-03 - 9.10E-02	3.70E-03 - 4.70E-01	L	5.30E-03	mg/L
Tin	1/4	2.60E-02 - 2.60E-02	1.70E-02 - 2.80E-01	N	4.25E-02	mg/L
Total Phosphate as Phosphorus	0/44		2.00E+00 - 2.00E+00	NT	1.00E+00	mg/L
Uranium	18/165	1.00E-03 - 1.10E-01	1.00E-03 - 9.20E-02	N	5.69E-03	mg/L
Vanadium	50/56	1.80E-03 - 5.04E-01	1.70E-03 - 5.00E-02	N	8.35E-02	mg/L
Zinc	36/68	5.00E-03 - 8.00E-02	5.00E-03 - 2.50E-01	L	1.54E-02	mg/L
1,1,1-Trichloroethane	0/72		3.60E-04 - 5.00E-01	NT	4.55E-02	mg/L
1,1,2,2-Tetrachloroethane	0/7		1.20E-03 - 5.00E-03	NT	1.69E-03	mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	0/3		3.60E-04 - 3.60E-04	NT	1.80E-04	mg/L
1,1,2-Trichloroethane	0/104		5.30E-04 - 5.00E-01	NT	7.55E-02	mg/L
1,1-Dichloroethane	2/75	1.10E-03 - 1.20E-02	3.70E-04 - 5.00E-01	L	6.76E-04	mg/L
1,1-Dichloroethene	2/74	2.20E-03 - 2.90E-03	4.40E-04 - 5.00E-01	L	1.27E-03	mg/L
1,2,4,5-Tetrachlorobenzene	0/3		4.30E-03 - 4.30E-03	NT	2.15E-03	mg/L
1,2,4-Trichlorobenzene	0/3		1.10E-03 - 1.10E-03	NT	5.50E-04	mg/L
1,2-Dichlorobenzene	0/3		3.20E-04 - 3.20E-04	NT	1.60E-04	mg/L
1,2-Dichloroethane	0/108		2.70E-04 - 5.00E-01	NT	7.53E-02	mg/L
1,2-Dichloroethene	1/3	1.40E-02 - 1.40E-02	5.00E-03 - 5.00E-03	N	4.00E-03	mg/L
1,2-Dichloropropane	0/7		2.60E-04 - 5.00E-03	NT	1.48E-03	mg/L
1,2-Diphenylhydrazine	0/3		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
1,3-Dichlorobenzene	0/5		3.60E-04 - 5.00E-03	NT	1.11E-03	mg/L
1,4-Dichlorobenzene	0/3		3.20E-04 - 3.20E-04	NT	1.60E-04	mg/L
1-Chloronaphthalene	0/3		2.20E-04 - 2.20E-04	NT	1.10E-04	mg/L
1-Naphthalenamine	0/3		2.60E-04 - 2.60E-04	NT	1.30E-04	mg/L
2,3,4,6-Tetrachlorophenol	0/3		4.40E-04 - 4.40E-04	NT	2.20E-04	mg/L
2,4,5-Trichlorophenol	0/3		1.90E-04 - 1.90E-04	NT	9.50E-05	mg/L
2,4,6-Trichlorophenol	0/3		1.70E-04 - 1.70E-04	NT	8.50E-05	mg/L
2,4-Dichlorophenol	1/3	4.00E-04 - 4.00E-04	1.60E-04 - 1.60E-04	N	1.20E-04	mg/L
2,4-Dimethylphenol	1/3	4.40E-03 - 4.40E-03	1.10E-04 - 1.10E-04	N	7.70E-04	mg/L
2,4-Dinitrophenol	0/3		1.20E-02 - 1.20E-02	NT	6.00E-03	mg/L
2,4-Dinitrotoluene	0/3		7.00E-05 - 7.00E-05	NT	3.50E-05	mg/L
2,6-Dichlorophenol	0/3		5.00E-04 - 5.00E-04	NT	2.50E-04	mg/L
2,6-Dinitrotoluene	0/3		2.20E-04 - 2.20E-04	NT	1.10E-04	mg/L
2-Butanone	0/6		3.40E-03 - 1.00E-01	NT	2.59E-02	mg/L
2-Chloronaphthalene	0/3		1.20E-04 - 1.20E-04	NT	6.00E-05	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=b MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
2-Chlorophenol	0/3		2.70E-04 - 2.70E-04	NT	1.35E-04	mg/L
2-Hexanone	0/7		1.10E-03 - 5.00E-02	NT	1.45E-02	mg/L
2-Methyl-4,6-dinitrophenol	0/3		3.40E-03 - 3.40E-03	NT	1.70E-03	mg/L
2-Methylnaphthalene	0/3		2.90E-04 - 2.90E-04	NT	1.45E-04	mg/L
2-Methylphenol	0/3		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
2-Methylpyridine	0/3		3.40E-03 - 3.40E-03	NT	1.70E-03	mg/L
2-Naphthalenamine	0/3		2.90E-04 - 2.90E-04	NT	1.45E-04	mg/L
2-Nitrobenzenamine	0/3		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
2-Nitrophenol	0/3		2.40E-04 - 2.40E-04	NT	1.20E-04	mg/L
3,3'-Dichlorobenzidine	0/3		4.00E-03 - 4.00E-03	NT	2.00E-03	mg/L
3-Methylcholanthrene	0/3		1.60E-04 - 1.60E-04	NT	8.00E-05	mg/L
3-Nitrobenzenamine	0/3		1.50E-04 - 1.50E-04	NT	7.50E-05	mg/L
4,4'-DDD	0/3		1.90E-04 - 1.90E-04	NT	9.50E-05	mg/L
4,4'-DDE	0/3		2.20E-04 - 2.20E-04	NT	1.10E-04	mg/L
4,4'-DDT	0/3		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
4-Aminobiphenyl	0/3		5.50E-04 - 5.50E-04	NT	2.75E-04	mg/L
4-Bromophenyl phenyl ether	0/3		2.20E-04 - 2.20E-04	NT	1.10E-04	mg/L
4-Chloro-3-methylphenol	0/3		2.80E-04 - 2.80E-04	NT	1.40E-04	mg/L
4-Chlorobenzenamine	0/3		7.70E-04 - 7.70E-04	NT	3.85E-04	mg/L
4-Chlorophenyl phenyl ether	0/3		2.30E-04 - 2.30E-04	NT	1.15E-04	mg/L
4-Methyl-2-pentanone	1/6	1.90E-03 - 1.90E-03	1.10E-03 - 5.00E-02	N	1.28E-02	mg/L
4-Methylphenol	1/3	2.10E-04 - 2.10E-04	1.80E-04 - 1.80E-04	N	9.50E-05	mg/L
4-Nitrobenzenamine	0/3		1.20E-03 - 1.20E-03	NT	6.00E-04	mg/L
4-Nitrophenol	0/3		3.90E-04 - 3.90E-04	NT	1.95E-04	mg/L
7,12-Dimethylbenz(a)anthracene	0/3		5.80E-03 - 5.80E-03	NT	2.90E-03	mg/L
Acenaphthene	0/3		2.10E-04 - 2.10E-04	NT	1.05E-04	mg/L
Acenaphthylene	0/3		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Acetone	1/7	5.20E-03 - 5.20E-03	1.40E-03 - 1.00E-01	L	8.67E-02	mg/L
Acetophenone	0/3		1.20E-04 - 1.20E-04	NT	6.00E-05	mg/L
Aldrin	0/3		3.50E-04 - 3.50E-04	NT	1.75E-04	mg/L
Aniline	0/3		2.60E-04 - 2.60E-04	NT	1.30E-04	mg/L
Anthracene	0/3		2.40E-04 - 2.40E-04	NT	1.20E-04	mg/L
Benz(a)anthracene	0/3		1.90E-04 - 1.90E-04	NT	9.50E-05	mg/L
Benzene	1/71	7.80E-03 - 7.80E-03	3.80E-04 - 5.00E-01	L	3.82E-02	mg/L
Benzenemethanol	0/3		2.90E-04 - 2.90E-04	NT	1.45E-04	mg/L
Benzidine	0/3		3.80E-02 - 3.80E-02	NT	1.90E-02	mg/L
Benzo(a)pyrene	0/3		1.50E-04 - 1.50E-04	NT	7.50E-05	mg/L
Benzo(b)fluoranthene	0/3		1.60E-04 - 1.60E-04	NT	8.00E-05	mg/L
Benzo(ghi)perylene	0/3		3.20E-04 - 3.20E-04	NT	1.60E-04	mg/L
Benzo(k)fluoranthene	0/3		1.60E-04 - 1.60E-04	NT	8.00E-05	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=b MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Benzoic acid	0/3		6.60E-03 - 6.60E-03	NT	3.30E-03	mg/L
Bis(2-chloroethoxy)methane	0/3		2.50E-04 - 2.50E-04	NT	1.25E-04	mg/L
Bis(2-chloroethyl) ether	0/3		2.90E-04 - 2.90E-04	NT	1.45E-04	mg/L
Bis(2-chloroisopropyl)ether	0/3		3.50E-04 - 3.50E-04	NT	1.75E-04	mg/L
Bis(2-ethylhexyl)phthalate	0/3		3.00E-04 - 3.00E-04	NT	1.50E-04	mg/L
Bromodichloromethane	0/108		5.00E-04 - 5.00E-01	NT	7.53E-02	mg/L
Bromoform	0/6		4.40E-04 - 5.00E-03	NT	1.36E-03	mg/L
Bromomethane	0/7		2.50E-04 - 1.00E-02	NT	2.91E-03	mg/L
Butyl benzyl phthalate	0/3		6.40E-04 - 6.40E-04	NT	3.20E-04	mg/L
Carbon disulfide	0/6		3.30E-04 - 1.00E-01	NT	2.51E-02	mg/L
Carbon tetrachloride	0/108		3.50E-04 - 5.00E-01	NT	7.53E-02	mg/L
Chlorobenzene	0/6		4.90E-04 - 5.00E-03	NT	1.37E-03	mg/L
Chloroethane	1/9	8.20E-01 - 8.20E-01	1.40E-03 - 2.50E-02	L	3.43E-02	mg/L
Chloroform	0/107		4.10E-04 - 5.00E-01	NT	7.60E-02	mg/L
Chloromethane	0/7		3.70E-04 - 1.00E-02	NT	2.94E-03	mg/L
Chrysene	0/3		2.10E-04 - 2.10E-04	NT	1.05E-04	mg/L
Di-n-butyl phthalate	3/3	4.40E-04 - 9.80E-04		N	3.37E-04	mg/L
Di-n-octylphthalate	0/3		1.50E-04 - 1.50E-04	NT	7.50E-05	mg/L
Dibenz(a,h)anthracene	0/3		2.80E-04 - 2.80E-04	NT	1.40E-04	mg/L
Dibenzofuran	0/3		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Dibromochloromethane	0/6		4.30E-04 - 5.00E-03	NT	1.36E-03	mg/L
Dieldrin	0/3		2.80E-04 - 2.80E-04	NT	1.40E-04	mg/L
Diethyl phthalate	1/3	8.50E-04 - 8.50E-04	2.30E-04 - 2.30E-04	N	2.18E-04	mg/L
Dimethyl phthalate	0/3		9.00E-05 - 9.00E-05	NT	4.50E-05	mg/L
Dimethylbenzene	1/72	7.20E-03 - 7.20E-03	1.30E-03 - 1.00E+00	L	5.76E-02	mg/L
Ethane	3/4	1.28E-01 - 3.03E-01	3.00E-02 - 3.00E-02	N	8.21E-02	mg/L
Ethyl methanesulfonate	0/3		1.50E-03 - 1.50E-03	NT	7.50E-04	mg/L
Ethylbenzene	1/72	8.70E-04 - 8.70E-04	4.40E-04 - 5.00E-01	L	3.79E-02	mg/L
Ethylene	3/4	2.24E+00 - 3.96E+00	3.00E-02 - 3.00E-02	N	1.14E+00	mg/L
Fluoranthene	0/3		2.30E-04 - 2.30E-04	NT	1.15E-04	mg/L
Fluorene	0/3		2.20E-04 - 2.20E-04	NT	1.10E-04	mg/L
Heptachlor	0/3		2.50E-04 - 2.50E-04	NT	1.25E-04	mg/L
Hexachlorobenzene	0/3		2.10E-04 - 2.10E-04	NT	1.05E-04	mg/L
Hexachlorobutadiene	0/3		3.00E-04 - 3.00E-04	NT	1.50E-04	mg/L
Hexachlorocyclopentadiene	0/3		1.70E-04 - 1.70E-04	NT	8.50E-05	mg/L
Hexachloroethane	0/3		3.50E-04 - 3.50E-04	NT	1.75E-04	mg/L
Indeno(1,2,3-cd)pyrene	0/3		2.20E-04 - 2.20E-04	NT	1.10E-04	mg/L
Isophorone	1/3	6.60E-03 - 6.60E-03	2.20E-04 - 2.20E-04	N	1.17E-03	mg/L
Lindane	0/3		2.40E-04 - 2.40E-04	NT	1.20E-04	mg/L
Methoxychlor	0/3		1.60E-04 - 1.60E-04	NT	8.00E-05	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=b MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Methyl methanesulfonate	0/3		2.40E-04 - 2.40E-04	NT	1.20E-04	mg/L
Methylene chloride	0/6		3.50E-04 - 5.00E-03	NT	1.34E-03	mg/L
N-Nitroso-di-n-propylamine	0/3		2.70E-04 - 2.70E-04	NT	1.35E-04	mg/L
N-Nitrosodimethylamine	0/3		2.30E-04 - 2.30E-04	NT	1.15E-04	mg/L
N-Nitrosodiphenylamine	0/3		1.20E-04 - 1.20E-04	NT	6.00E-05	mg/L
N-Nitrosopiperidine	0/3		1.30E-03 - 1.30E-03	NT	6.50E-04	mg/L
Naphthalene	0/3		2.90E-04 - 2.90E-04	NT	1.45E-04	mg/L
Nitrobenzene	0/3		3.60E-04 - 3.60E-04	NT	1.80E-04	mg/L
PCB-1016	0/3		4.10E-04 - 4.10E-04	NT	4.10E-04	mg/L
PCB-1221	0/3		2.20E-04 - 2.20E-04	NT	2.20E-04	mg/L
PCB-1232	0/3		1.50E-04 - 1.50E-04	NT	1.50E-04	mg/L
PCB-1242	0/3		6.70E-04 - 6.70E-04	NT	6.70E-04	mg/L
PCB-1248	0/3		2.90E-04 - 2.90E-04	NT	2.90E-04	mg/L
PCB-1254	0/3		1.60E-05 - 1.60E-05	NT	1.60E-05	mg/L
PCB-1260	0/3		2.50E-05 - 2.50E-05	NT	2.50E-05	mg/L
Pentachlorobenzene	0/3		2.00E-03 - 2.00E-03	NT	1.00E-03	mg/L
Pentachloronitrobenzene	0/3		4.70E-03 - 4.70E-03	NT	2.35E-03	mg/L
Pentachlorophenol	0/3		2.40E-04 - 2.40E-04	NT	1.20E-04	mg/L
Phenacetin	0/3		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Phenanthrene	0/3		2.10E-04 - 2.10E-04	NT	1.05E-04	mg/L
Phenol	0/3		6.20E-04 - 6.20E-04	NT	3.10E-04	mg/L
Polychlorinated biphenyl	0/4		1.00E-04 - 1.00E-04	NT	1.00E-04	mg/L
Pronamide	0/3		5.30E-03 - 5.30E-03	NT	2.65E-03	mg/L
Pyrene	0/3		2.50E-04 - 2.50E-04	NT	1.25E-04	mg/L
Pyridine	0/3		4.70E-04 - 4.70E-04	NT	2.35E-04	mg/L
Styrene	0/7		4.00E-04 - 5.00E-03	NT	1.51E-03	mg/L
Tetrachloroethene	0/107		3.50E-04 - 5.00E-01	NT	7.60E-02	mg/L
Toluene	1/72	1.80E-02 - 1.80E-02	4.40E-04 - 5.00E-01	L	3.72E-02	mg/L
Trichloroethene	218/291	1.00E-03 - 3.10E+03	1.00E-03 - 1.00E-02	N	1.09E+01	mg/L
Vinyl acetate	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Vinyl chloride	34/113	4.20E-02 - 5.00E+00	1.30E-03 - 1.00E+00	L	2.52E-02	mg/L
a,a-Dimethylphenethylamine	0/3		4.10E-03 - 4.10E-03	NT	2.05E-03	mg/L
alpha-BHC	0/3		2.10E-04 - 2.10E-04	NT	1.05E-04	mg/L
beta-BHC	0/3		5.40E-04 - 5.40E-04	NT	2.70E-04	mg/L
cis-1,2-Dichloroethene	55/109	6.70E-04 - 4.90E+00	4.70E-04 - 5.00E-02	N	8.92E-01	mg/L
cis-1,3-Dichloropropene	0/6		4.00E-04 - 5.00E-03	NT	1.35E-03	mg/L
delta-BHC	0/3		2.20E-03 - 2.20E-03	NT	1.10E-03	mg/L
p-Dimethylaminoazobenzene	0/3		1.20E-02 - 1.20E-02	NT	6.00E-03	mg/L
trans-1,2-Dichloroethene	1/109	5.10E-03 - 5.10E-03	4.80E-04 - 5.00E-01	N	1.54E-01	mg/L
trans-1,3-Dichloropropene	0/7		4.70E-04 - 5.00E-03	NT	1.53E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=b MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Alpha activity	133/175	2.00E-01 - 3.00E+01	-1.00E+01 - 1.00E+03	N	6.48E+01	pCi/L
Americium-241	2/5	1.90E-01 - 3.40E-01	-2.60E+00 - 0.00E+00	N	-3.97E-01	pCi/L
Beta activity	148/175	1.00E+00 - 1.26E+03	-9.00E+00 - 1.00E+03	L	4.11E+01	pCi/L
Cesium-137	0/9		-1.20E+00 - 1.86E+01	NT	3.47E+00	pCi/L
Cobalt-60	2/3	1.00E-01 - 1.20E+00	-4.00E-01 --4.00E-01	N	1.50E-01	pCi/L
Neptunium-237	7/12	1.00E-02 - 4.00E-01	-4.00E-01 --1.00E-01	N	-7.38E-03	pCi/L
Plutonium-238	1/2	8.00E-02 - 8.00E-02	0.00E+00 - 0.00E+00	N	2.00E-02	pCi/L
Plutonium-239	4/9	1.00E-02 - 7.60E-01	-2.31E-01 - 0.00E+00	L	2.79E-01	pCi/L
Plutonium-239/240	1/1	2.07E-02 - 2.07E-02		NT	1.04E-02	pCi/L
Protactinium-234	0/2		1.30E+01 - 2.70E+01	NT	1.00E+01	pCi/L
Radium-226	2/5	3.70E-01 - 6.00E-01	0.00E+00 - 0.00E+00	N	9.70E-02	pCi/L
Radon-222	38/38	1.20E+01 - 2.05E+03		N	4.60E+02	pCi/L
Technetium-99	313/333	1.00E+00 - 8.78E+02	-4.20E+00 - 5.53E+02	N	2.09E+02	pCi/L
Thorium-230	9/11	8.00E-02 - 8.00E-01	-2.68E-01 - 0.00E+00	N	1.96E-01	pCi/L
Uranium-234	9/11	3.40E-01 - 1.44E+01	3.00E-01 - 3.00E-01	L	1.84E+00	pCi/L
Uranium-235	5/8	9.12E-02 - 9.10E-01	1.52E-02 - 1.72E-02	L	1.63E-01	pCi/L
Uranium-235/236	4/5	1.00E-02 - 8.00E-02	-1.88E-01 --1.88E-01	N	-1.16E-02	pCi/L
Uranium-238	9/9	8.00E-02 - 3.48E+01		L	1.83E+01	pCi/L

AREA_CODE=c MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	9/16	2.76E-01 - 2.16E+01	1.00E-01 - 1.00E+00	L	1.59E+00	mg/L
Antimony	0/33		6.00E-02 - 2.50E-01	NT	7.95E-02	mg/L
Arsenic	0/33		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Barium	32/33	3.50E-02 - 3.60E-01	7.00E-02 - 7.00E-02	N	1.04E-01	mg/L
Beryllium	0/33		5.00E-03 - 2.50E-02	NT	6.74E-03	mg/L
Cadmium	0/33		1.00E-02 - 1.00E-01	NT	1.70E-02	mg/L
Calcium	33/33	1.56E+01 - 3.99E+01		N	1.31E+01	mg/L
Chloride	33/33	2.20E+01 - 1.20E+02		N	2.84E+01	mg/L
Chromium	11/33	7.10E-02 - 8.62E+00	5.00E-02 - 6.00E-02	L	7.23E-02	mg/L
Cobalt	0/33		4.50E-02 - 1.00E-01	NT	2.52E-02	mg/L
Copper	5/33	2.60E-02 - 1.31E-01	1.00E-02 - 1.00E-01	L	8.86E-03	mg/L
Fluoride	28/32	1.00E-01 - 2.40E-01	1.00E-01 - 1.00E-01	N	1.67E-01	mg/L
Iron	25/33	2.10E-01 - 6.64E+01	1.00E-02 - 3.60E-01	L	3.44E+00	mg/L
Lead	0/23		2.50E-01 - 2.50E-01	NT	1.25E-01	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=c MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Magnesium	33/33	3.26E+00 - 1.43E+01		N	4.92E+00	mg/L
Manganese	27/33	1.10E-02 - 1.09E+00	2.00E-02 - 1.00E-01	L	1.94E-01	mg/L
Mercury	0/22		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Molybdenum	2/16	8.00E-02 - 1.00E-01	5.00E-02 - 1.00E-01	N	3.22E-02	mg/L
Nickel	10/33	1.10E-01 - 6.73E-01	5.00E-02 - 1.00E-01	L	9.02E-02	mg/L
Nitrate as Nitrogen	20/33	1.00E+00 - 3.00E+00	1.00E+00 - 1.00E+00	L	1.40E+00	mg/L
Potassium	5/30	2.90E+00 - 8.33E+00	2.00E+00 - 1.05E+01	L	2.87E+00	mg/L
Selenium	0/24		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Silica	16/16	1.10E+01 - 3.60E+01		L	1.06E+01	mg/L
Silver	0/23		5.00E-02 - 6.00E-02	NT	2.87E-02	mg/L
Sodium	33/33	2.68E+01 - 8.74E+01		L	2.62E+01	mg/L
Sulfate	4/4	1.75E+01 - 3.35E+01		N	1.27E+01	mg/L
Tetraoxo-sulfate(1-)	29/29	3.80E+00 - 1.43E+02		L	1.35E+01	mg/L
Thallium	0/10		4.40E-02 - 6.00E-02	NT	2.92E-02	mg/L
Total Phosphate as Phosphorus	0/6		2.00E+00 - 2.00E+00	NT	1.00E+00	mg/L
Uranium	2/58	1.00E-03 - 1.00E-03	1.00E-03 - 1.00E-03	N	1.00E-03	mg/L
Vanadium	8/10	5.30E-02 - 1.31E-01	5.00E-02 - 5.00E-02	L	8.71E-02	mg/L
Zinc	11/33	1.10E-02 - 1.30E-01	5.00E-03 - 2.50E-01	L	2.01E-02	mg/L
1,1,1-Trichloroethane	0/72		5.00E-03 - 5.00E-01	NT	4.46E-02	mg/L
1,1,2-Trichloroethane	0/71		5.00E-03 - 5.00E-01	NT	4.52E-02	mg/L
1,1-Dichloroethane	0/71		5.00E-03 - 5.00E-01	NT	4.52E-02	mg/L
1,1-Dichloroethene	2/72	8.00E-03 - 6.50E-02	5.00E-03 - 5.00E-01	L	4.48E-04	mg/L
1,2-Dichloroethane	0/72		1.00E-03 - 5.00E-01	NT	4.43E-02	mg/L
Benzene	0/71		5.00E-03 - 5.00E-01	NT	4.52E-02	mg/L
Bromodichloromethane	0/71		5.00E-03 - 5.00E-01	NT	4.52E-02	mg/L
Carbon tetrachloride	0/72		5.00E-03 - 5.00E-01	NT	4.46E-02	mg/L
Chloroethane	0/1		1.25E-01 - 1.25E-01	NT	6.25E-02	mg/L
Chloroform	2/72	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-01	L	5.28E-02	mg/L
Dimethylbenzene	0/71		5.00E-03 - 1.00E+00	NT	7.84E-02	mg/L
Ethane	0/1		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Ethylbenzene	0/71		5.00E-03 - 5.00E-01	NT	4.52E-02	mg/L
Ethylene	0/1		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Polychlorinated biphenyl	0/8		1.00E-04 - 1.70E-04	NT	1.61E-04	mg/L
Tetrachloroethene	0/71		5.00E-03 - 5.00E-01	NT	4.52E-02	mg/L
Toluene	0/71		5.00E-03 - 5.00E-01	NT	4.52E-02	mg/L
Trichloroethene	78/112	1.00E-03 - 1.50E+00	1.00E-03 - 1.00E-03	N	3.50E-01	mg/L
Vinyl chloride	0/72		5.00E-03 - 1.00E+00	NT	1.49E-01	mg/L
cis-1,2-Dichloroethene	2/72	5.00E-03 - 9.80E-03	5.00E-03 - 5.00E-01	L	2.54E-03	mg/L
trans-1,2-Dichloroethene	0/72		5.00E-03 - 5.00E-01	NT	8.92E-02	mg/L
Alpha activity	91/111	1.00E-01 - 1.92E+01	-5.30E+00 --2.00E-01	L	3.06E+00	pCi/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=c MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Beta activity	110/111	2.00E+00 - 2.02E+03	0.00E+00 - 0.00E+00	N	5.73E+01	pCi/L
Cesium-137	0/1		2.11E+01 - 2.11E+01	NT	1.06E+01	pCi/L
Radon-222	16/16	2.36E+02 - 6.59E+03		L	4.69E+02	pCi/L
Technetium-99	108/113	1.00E+00 - 3.15E+03	-3.00E+00 - 0.00E+00	N	1.55E+02	pCi/L

AREA_CODE=c MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	6/6	2.94E-01 - 5.92E+00		N	9.61E-01	mg/L
Antimony	0/6		6.00E-02 - 6.00E-02	NT	3.00E-02	mg/L
Arsenic	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Barium	6/6	6.40E-02 - 1.61E-01		N	5.02E-02	mg/L
Beryllium	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Cadmium	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Calcium	6/6	1.17E+01 - 3.45E+01		N	9.72E+00	mg/L
Chloride	5/5	1.00E+01 - 6.10E+01		N	1.13E+01	mg/L
Chromium	0/6		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Cobalt	0/6		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Copper	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Fluoride	0/5		1.00E-01 - 1.00E-01	NT	1.00E-01	mg/L
Iron	6/6	1.39E-01 - 6.44E+00		N	9.26E-01	mg/L
Magnesium	6/6	4.08E+00 - 1.32E+01		N	3.48E+00	mg/L
Manganese	6/6	2.00E-02 - 3.22E-01		N	7.56E-02	mg/L
Molybdenum	0/6		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Nickel	0/6		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Nitrate as Nitrogen	2/5	1.20E+00 - 1.20E+00	1.00E+00 - 1.00E+00	N	5.40E-01	mg/L
Potassium	1/6	2.44E+00 - 2.44E+00	2.00E+00 - 2.00E+00	N	1.04E+00	mg/L
Silica	5/5	2.30E+01 - 6.40E+01		N	1.99E+01	mg/L
Sodium	6/6	2.07E+01 - 9.14E+01		N	2.59E+01	mg/L
Tetraoxo-sulfate(1-)	5/5	8.00E+00 - 1.28E+02		N	3.32E+01	mg/L
Thallium	0/6		1.00E-02 - 6.00E-02	NT	2.45E-02	mg/L
Uranium	2/10	1.00E-03 - 4.00E-03	1.00E-03 - 1.00E-03	N	1.30E-03	mg/L
Vanadium	4/6	5.60E-02 - 7.10E-02	5.00E-02 - 5.00E-02	N	2.95E-02	mg/L
Zinc	5/6	6.00E-03 - 6.90E-02	5.00E-03 - 5.00E-03	N	1.24E-02	mg/L
1,1,1-Trichloroethane	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=c MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,1-Dichloroethane	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethene	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethane	0/6		1.00E-03 - 5.00E-03	NT	2.17E-03	mg/L
Benzene	1/7	1.00E-03 - 1.00E-03	5.00E-03 - 5.00E-03	N	2.21E-03	mg/L
Bromodichloromethane	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Carbon tetrachloride	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroform	6/8	5.00E-03 - 1.70E-02	5.00E-03 - 5.00E-03	L	8.46E-03	mg/L
Dimethylbenzene	0/6		5.00E-03 - 1.00E-02	NT	3.33E-03	mg/L
Ethylbenzene	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Tetrachloroethene	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Toluene	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	5/22	1.00E-03 - 9.40E-02	1.00E-03 - 1.00E-03	L	4.39E-04	mg/L
Vinyl chloride	0/6		5.00E-03 - 1.00E-02	NT	6.67E-03	mg/L
cis-1,2-Dichloroethene	0/6		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
trans-1,2-Dichloroethene	0/6		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
Alpha activity	20/23	4.00E-01 - 1.33E+01	-3.10E+00 - 0.00E+00	L	4.14E+00	pCi/L
Beta activity	23/23	3.00E+00 - 9.50E+01		L	2.10E+01	pCi/L
Technetium-99	23/23	2.00E+00 - 9.40E+01		N	4.68E+01	pCi/L

AREA_CODE=d MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	5/9	1.08E-01 - 2.10E-01	1.00E-01 - 7.50E-01	L	1.70E-01	mg/L
Antimony	0/13		6.00E-02 - 2.50E-01	NT	6.60E-02	mg/L
Arsenic	0/13		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Barium	13/13	1.32E-01 - 1.68E-01		N	7.62E-02	mg/L
Beryllium	0/13		4.00E-03 - 2.50E-02	NT	5.50E-03	mg/L
Cadmium	0/13		1.00E-02 - 1.00E-01	NT	1.19E-02	mg/L
Calcium	13/13	1.71E+01 - 2.18E+01		N	9.88E+00	mg/L
Chloride	13/13	6.90E+00 - 1.10E+01		L	4.15E+00	mg/L
Chromium	0/11		5.00E-02 - 6.00E-02	NT	2.73E-02	mg/L
Cobalt	0/13		4.50E-02 - 1.00E-01	NT	2.58E-02	mg/L
Copper	2/13	1.60E-02 - 2.00E-02	1.00E-02 - 1.00E-01	L	1.07E-02	mg/L
Fluoride	11/11	1.60E-01 - 1.80E-01		N	1.73E-01	mg/L
Iron	13/13	2.34E+00 - 1.02E+01		L	3.01E+00	mg/L
Lead	0/11		5.00E-02 - 2.50E-01	NT	7.05E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=d MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Magnesium	13/13	6.40E+00 - 7.51E+00		L	3.41E+00	mg/L
Manganese	13/13	3.14E-01 - 5.14E-01		N	2.13E-01	mg/L
Mercury	0/11		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Molybdenum	0/9		5.00E-02 - 1.00E-01	NT	2.83E-02	mg/L
Nickel	0/13		5.00E-02 - 1.00E-01	NT	3.85E-02	mg/L
Nitrate as Nitrogen	0/13		1.00E+00 - 1.00E+00	NT	5.00E-01	mg/L
Potassium	9/12	4.37E+00 - 1.23E+01	1.05E+01 - 1.05E+01	N	4.08E+00	mg/L
Selenium	0/13		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Silica	9/9	2.30E+01 - 3.40E+01		L	1.41E+01	mg/L
Silver	0/6		5.00E-02 - 6.00E-02	NT	2.92E-02	mg/L
Sodium	13/13	1.50E+01 - 2.10E+01		N	9.10E+00	mg/L
Tetraoxo-sulfate(1-)	10/10	2.50E+01 - 2.89E+01		N	1.36E+01	mg/L
Thallium	1/7	1.02E+00 - 1.02E+00	5.60E-02 - 4.70E-01	L	1.26E-01	mg/L
Uranium	0/14		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vanadium	4/7	5.10E-02 - 6.60E-02	5.00E-02 - 5.00E-02	L	5.36E-02	mg/L
Zinc	12/13	3.70E-02 - 1.90E-01	2.50E-01 - 2.50E-01	L	1.10E-01	mg/L
1,1,1-Trichloroethane	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2,2-Tetrachloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/8		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethane	0/8		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethene	0/9		5.00E-03 - 1.00E-02	NT	2.78E-03	mg/L
1,2-Dichloroethane	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloropropane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
2-Butanone	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
2-Hexanone	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Methyl-2-pentanone	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Acetone	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Benzene	0/8		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromodichloromethane	0/8		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromoform	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromomethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Carbon tetrachloride	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chlorobenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chloroform	0/8		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloromethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibromochloromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dimethylbenzene	0/8		5.00E-03 - 1.00E-02	NT	4.06E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=d MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Ethylbenzene	0/8		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Methylene chloride	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Styrene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Tetrachloroethene	0/8		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Toluene	0/8		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	1/15	3.00E-03 - 3.00E-03	1.00E-03 - 5.00E-03	L	1.35E-03	mg/L
Vinyl acetate	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Vinyl chloride	0/8		5.00E-03 - 1.00E-02	NT	8.75E-03	mg/L
cis-1,2-Dichloroethene	0/8		5.00E-03 - 2.00E+00	NT	2.54E-01	mg/L
cis-1,3-Dichloropropene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
trans-1,2-Dichloroethene	0/8		5.00E-03 - 2.00E+00	NT	2.54E-01	mg/L
trans-1,3-Dichloropropene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Alpha activity	13/15	1.80E+00 - 6.70E+00	-7.00E-01 - 0.00E+00	N	1.38E+00	pCi/L
Beta activity	15/15	1.00E+00 - 4.70E+01		L	7.48E+00	pCi/L
Neptunium-237	4/7	1.00E-01 - 4.00E-01	-1.00E-01 - 0.00E+00	N	6.43E-02	pCi/L
Plutonium-239	1/7	1.00E-01 - 1.00E-01	0.00E+00 - 0.00E+00	N	7.14E-03	pCi/L
Radium-226	6/6	1.00E-01 - 8.00E-01		N	2.17E-01	pCi/L
Radon-222	13/13	3.70E+01 - 1.45E+02		N	4.30E+01	pCi/L
Technetium-99	11/15	2.00E+00 - 2.30E+01	-7.00E+00 - 0.00E+00	L	1.15E+01	pCi/L
Thorium-230	5/7	1.00E-01 - 8.00E-01	0.00E+00 - 0.00E+00	L	3.74E-01	pCi/L

AREA_CODE=d MEDIA=Other Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,1,1,2-Tetrachloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,1-Trichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2,2-Tetrachloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2,3-Trichloropropane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dibromo-3-chloropropane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dibromoethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloropropane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=d MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,4-Dioxane	0/1		1.50E-01 - 1.50E-01	NT	7.50E-02	mg/L
2-Butanone	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
2-Chloro-1,3-butadiene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
2-Chloroethyl vinyl ether	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Hexanone	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Methyl-2-pentanone	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Acetone	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Acetonitrile	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Acrolein	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Acrylonitrile	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Allyl chloride	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Benzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromodichloromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromoform	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromomethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Carbon tetrachloride	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chlorobenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chloroform	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloromethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibromochloromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dibromomethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dichlorodifluoromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dimethylbenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Ethyl cyanide	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Ethyl methacrylate	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Ethylbenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Iodomethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Isobutanol	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Methacrylonitrile	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Methyl methacrylate	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Methylene chloride	1/1	5.00E-03 - 5.00E-03		NT	2.50E-03	mg/L
Pentachloroethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Styrene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Tetrachloroethene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Toluene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trans-1,4-Dichloro-2-butene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	0/1		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
Trichlorofluoromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=d MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Vinyl acetate	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Vinyl chloride	0/1		1.00E-02 - 1.00E-02	NT	1.00E-02	mg/L
cis-1,3-Dichloropropene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
trans-1,3-Dichloropropene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L

AREA_CODE=d MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	34/39	6.59E-02 - 1.33E+01	1.00E-01 - 7.50E-01	L	8.35E-01	mg/L
Antimony	0/65		1.80E-03 - 2.50E-01	NT	5.91E-02	mg/L
Arsenic	4/98	2.50E-03 - 1.20E-01	1.00E-03 - 5.00E-03	N	3.00E-03	mg/L
Barium	65/68	1.00E-02 - 6.86E-01	5.00E-02 - 7.00E-02	L	2.11E-01	mg/L
Beryllium	1/65	1.20E-03 - 1.20E-03	3.00E-04 - 2.50E-02	L	5.45E-03	mg/L
Cadmium	2/100	2.40E-03 - 3.70E-03	2.00E-03 - 1.00E-01	L	1.83E-03	mg/L
Calcium	66/66	2.88E+00 - 4.67E+01		L	1.05E+01	mg/L
Chloride	59/59	2.90E+00 - 1.73E+02		L	2.27E+01	mg/L
Chromium	15/95	2.40E-03 - 4.60E-01	2.00E-03 - 6.00E-02	N	3.02E-02	mg/L
Chromium, hexavalent	0/5		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Cobalt	7/65	4.60E-03 - 4.50E-02	2.40E-03 - 1.00E-01	N	2.23E-02	mg/L
Copper	6/67	4.10E-03 - 2.50E-02	2.00E-03 - 1.00E-01	L	4.46E-03	mg/L
Cyanide	0/6		3.00E-03 - 1.00E-02	NT	2.67E-03	mg/L
Fluoride	39/58	1.00E-01 - 5.20E-01	1.00E-01 - 1.00E-01	N	1.39E-01	mg/L
Iron	54/69	2.60E-02 - 1.98E+01	1.00E-02 - 3.60E-01	L	1.40E+00	mg/L
Lead	13/88	2.40E-03 - 2.50E-01	1.00E-03 - 2.50E-01	N	5.84E-02	mg/L
Magnesium	69/69	8.79E-01 - 4.72E+01		L	4.80E+00	mg/L
Manganese	63/69	8.00E-03 - 6.32E+00	5.00E-03 - 5.00E-02	L	7.22E-01	mg/L
Mercury	0/83		2.00E-04 - 2.00E-03	NT	1.11E-04	mg/L
Molybdenum	0/30		5.00E-02 - 1.00E-01	NT	2.61E-02	mg/L
Nickel	22/70	7.40E-03 - 3.27E-01	4.20E-03 - 1.00E-01	L	4.89E-02	mg/L
Nitrate as Nitrogen	17/59	1.00E+00 - 2.20E+00	1.00E+00 - 1.00E+00	N	5.65E-01	mg/L
Potassium	25/61	1.25E+00 - 1.70E+01	2.00E+00 - 1.05E+01	L	3.06E+00	mg/L
Selenium	3/87	1.00E-03 - 4.90E-03	1.00E-03 - 1.50E-02	N	2.51E-03	mg/L
Silica	32/32	1.20E+01 - 4.40E+01		L	1.09E+01	mg/L
Silver	1/37	2.60E-03 - 2.60E-03	2.00E-03 - 6.00E-02	L	3.13E-02	mg/L
Sodium	69/69	3.71E+00 - 2.66E+02		L	1.14E+01	mg/L
Strontium	3/3	3.20E-01 - 3.33E-01		N	1.62E-01	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=d MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Tetraoxo-sulfate(1-)	37/54	1.80E+00 - 2.00E+01	5.00E+00 - 5.00E+00	L	7.06E+00	mg/L
Thallium	0/36		1.00E-03 - 4.70E-01	NT	4.11E-02	mg/L
Tin	1/1	8.00E-01 - 8.00E-01		NT	4.00E-01	mg/L
Total Phosphate as Phosphorus	0/2		2.00E+00 - 2.00E+00	NT	1.00E+00	mg/L
Uranium	6/120	1.00E-03 - 2.00E-02	1.00E-03 - 1.00E-02	N	1.79E-03	mg/L
Vanadium	17/35	1.40E-03 - 4.36E-01	1.00E-03 - 5.00E-02	L	3.26E-02	mg/L
Zinc	27/67	5.00E-03 - 8.28E-02	5.00E-03 - 2.50E-01	L	1.54E-02	mg/L
1,1,1,2-Tetrachloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,1-Trichloroethane	0/96		5.00E-03 - 5.00E+00	NT	4.52E-02	mg/L
1,1,2,2-Tetrachloroethane	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/94		5.00E-03 - 2.50E+00	NT	1.95E-02	mg/L
1,1-Dichloroethane	0/94		5.00E-03 - 2.50E+00	NT	1.95E-02	mg/L
1,1-Dichloroethene	0/96		5.00E-03 - 5.00E+00	NT	4.52E-02	mg/L
1,2,3-Trichloropropane	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
1,2,4,5-Tetrachlorobenzene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
1,2,4-Trichlorobenzene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
1,2-Dibromo-3-chloropropane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,2-Dibromoethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichlorobenzene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
1,2-Dichloroethane	0/96		5.00E-03 - 5.00E+00	NT	4.52E-02	mg/L
1,2-Dichloroethene	0/8		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloropropane	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,3,5-Trinitrobenzene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
1,3-Dichlorobenzene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
1,3-Dinitrobenzene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
1,4-Dichlorobenzene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
1,4-Dioxane	0/1		2.00E-01 - 2.00E-01	NT	1.00E-01	mg/L
1,4-Naphthoquinone	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
1-Naphthalenamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2,3,4,6-Tetrachlorophenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2,4,5-Trichlorophenol	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
2,4,6-Trichlorophenol	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
2,4-Dichlorophenol	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
2,4-Dimethylphenol	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
2,4-Dinitrophenol	0/7		9.00E-03 - 5.00E-02	NT	2.15E-02	mg/L
2,4-Dinitrotoluene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
2,6-Dichlorophenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2,6-Dinitrotoluene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
2-Acetylaminofluorene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Butanone	0/9		2.00E-02 - 1.00E-01	NT	4.56E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=d MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
2-Chloro-1,3-butadiene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
2-Chloroethyl vinyl ether	0/3		5.00E-03 - 2.00E-02	NT	7.50E-03	mg/L
2-Chloronaphthalene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
2-Chlorophenol	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
2-Hexanone	0/9		2.00E-02 - 5.00E-02	NT	2.33E-02	mg/L
2-Methyl-4,6-dinitrophenol	0/7		9.00E-03 - 5.00E-02	NT	2.15E-02	mg/L
2-Methylnaphthalene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
2-Methylphenol	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
2-Methylpyridine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Naphthalenamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Nitrobenzenamine	0/7		9.00E-03 - 5.00E-02	NT	2.15E-02	mg/L
2-Nitrophenol	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
3,3'-Dichlorobenzidine	0/7		9.00E-03 - 2.00E-02	NT	9.21E-03	mg/L
3,3'-Dimethylbenzidine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
3-Methylcholanthrene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
3-Nitrobenzenamine	0/7		9.00E-03 - 5.00E-02	NT	2.15E-02	mg/L
4,4'-DDD	0/6		1.00E-05 - 1.00E-04	NT	2.00E-05	mg/L
4,4'-DDE	0/6		1.00E-05 - 1.00E-04	NT	2.00E-05	mg/L
4,4'-DDT	0/6		1.00E-05 - 1.00E-04	NT	2.00E-05	mg/L
4-Aminobiphenyl	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
4-Bromophenyl phenyl ether	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
4-Chloro-3-methylphenol	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
4-Chlorobenzenamine	0/7		9.00E-03 - 2.00E-02	NT	6.36E-03	mg/L
4-Chlorophenyl phenyl ether	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
4-Methyl-2-pentanone	0/9		2.00E-02 - 5.00E-02	NT	2.33E-02	mg/L
4-Methylphenol	0/7		1.00E-02 - 3.80E-02	NT	7.00E-03	mg/L
4-Nitrobenzenamine	0/7		9.00E-03 - 5.00E-02	NT	2.14E-02	mg/L
4-Nitrophenol	0/7		9.00E-03 - 5.00E-02	NT	2.15E-02	mg/L
4-Nitroquinoline-1-oxide	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
5-(2-Propenyl)-1,3-benzodioxole (Safrole)	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
5-Nitro-o-toluidine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
7,12-Dimethylbenz(a)anthracene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Acenaphthene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Acenaphthylene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Acetone	0/9		2.00E-02 - 1.00E-01	NT	4.56E-02	mg/L
Acetonitrile	0/1		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Acetophenone	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Acrolein	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Acrylonitrile	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Aldrin	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=d MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Allyl chloride	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Aniline	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Anthracene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Aramite	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Benz(a)anthracene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Benzene	0/114		5.00E-03 - 2.50E+00	NT	1.87E-02	mg/L
Benzenemethanol	0/3		9.00E-03 - 2.00E-02	NT	8.17E-03	mg/L
Benzo(a)pyrene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Benzo(b)fluoranthene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Benzo(ghi)perylene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Benzo(k)fluoranthene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Benzoic acid	0/2		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Benzyl Chloride	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bis(2-chloroethoxy)methane	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Bis(2-chloroethyl) ether	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Bis(2-chloroisopropyl)ether	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Bis(2-ethylhexyl)phthalate	2/7	1.00E-03 - 2.00E-03	9.00E-03 - 1.00E-02	L	1.68E-03	mg/L
Bromodichloromethane	0/94		5.00E-03 - 2.50E+00	NT	1.95E-02	mg/L
Bromoform	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromomethane	0/9		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Butyl benzyl phthalate	1/7	1.00E-03 - 1.00E-03	9.00E-03 - 1.00E-02	N	4.29E-03	mg/L
Carbazole	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Carbon disulfide	0/9		5.00E-03 - 1.00E-01	NT	1.31E-02	mg/L
Carbon tetrachloride	0/96		5.00E-03 - 5.00E+00	NT	4.52E-02	mg/L
Chlordene	0/2		1.00E-03 - 1.00E-03	NT	5.00E-04	mg/L
Chlorobenzene	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chlorobenzilate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Chloroethane	0/11		5.00E-03 - 2.50E-01	NT	1.57E-02	mg/L
Chloroform	0/96		5.00E-03 - 5.00E+00	NT	4.52E-02	mg/L
Chloromethane	0/9		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chrysene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Di-n-butyl phthalate	1/7	2.10E-02 - 2.10E-02	1.00E-02 - 1.00E-02	N	5.79E-03	mg/L
Di-n-octylphthalate	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Diallate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Dibenz(a,h)anthracene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Dibenzofuran	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Dibromochloromethane	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dibromomethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dichlorodifluoromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dieldrin	0/6		1.00E-05 - 1.00E-04	NT	2.00E-05	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=d MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Diethyl phthalate	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Dimethoate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Dimethyl phthalate	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Dimethylbenzene	1/114	2.20E+00 - 2.20E+00	5.00E-03 - 5.00E+00	N	4.08E-02	mg/L
Dinoseb	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Diphenylamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Disulfoton	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Endosulfan I	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
Endosulfan II	0/6		1.00E-05 - 1.00E-04	NT	2.00E-05	mg/L
Endosulfan sulfate	0/6		1.00E-05 - 1.00E-04	NT	2.00E-05	mg/L
Endrin	0/6		1.00E-05 - 1.00E-04	NT	2.00E-05	mg/L
Endrin aldehyde	0/6		1.00E-05 - 1.00E-04	NT	2.00E-05	mg/L
Endrin ketone	0/5		1.00E-05 - 1.00E-05	NT	5.00E-06	mg/L
Ethane	0/2		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Ethyl cyanide	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Ethyl methacrylate	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Ethyl methanesulfonate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Ethylbenzene	1/114	8.70E-01 - 8.70E-01	5.00E-03 - 2.50E+00	N	2.03E-02	mg/L
Ethylene	0/2		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Fluoranthene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Fluorene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Heptachlor	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
Heptachlor epoxide	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
Hexachloro-1-propene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Hexachlorobenzene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Hexachlorobutadiene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Hexachlorocyclopentadiene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Hexachloroethane	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Hexachlorophene	0/1		1.90E-01 - 1.90E-01	NT	9.50E-02	mg/L
Indeno(1,2,3-cd)pyrene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Iodomethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Isobutanol	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Isodrin	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Isophorone	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Isosafrole	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Kepone	0/1		1.90E-01 - 1.90E-01	NT	9.50E-02	mg/L
Lindane	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
Methacrylonitrile	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Methapyrilene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Methoxychlor	0/6		1.00E-04 - 5.00E-04	NT	1.17E-04	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=d MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Methyl methacrylate	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Methyl methanesulfonate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Methyl parathion	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Methylene chloride	7/9	4.00E-03 - 1.30E-01	5.00E-03 - 5.00E-03	L	1.81E-02	mg/L
N-Nitroso-di-n-butylamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitroso-di-n-propylamine	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
N-Nitrosodiethylamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosodimethylamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosodiphenylamine	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
N-Nitrosomethylethylamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosomorpholine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosopiperidine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosopyrrolidine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Naphthalene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Nitrobenzene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
O,O,O-Triethylphosphorothioate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
PCB-1016	0/6		1.00E-04 - 1.00E-03	NT	4.27E-04	mg/L
PCB-1221	0/6		1.00E-04 - 2.00E-03	NT	7.83E-04	mg/L
PCB-1232	0/6		1.00E-04 - 1.00E-03	NT	4.10E-04	mg/L
PCB-1242	0/6		1.00E-04 - 1.00E-03	NT	4.10E-04	mg/L
PCB-1248	0/6		1.00E-04 - 1.00E-03	NT	4.10E-04	mg/L
PCB-1254	0/6		1.00E-04 - 1.00E-03	NT	4.10E-04	mg/L
PCB-1260	0/6		1.00E-04 - 1.00E-03	NT	4.10E-04	mg/L
Parathion	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Pentachlorobenzene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Pentachloroethane	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Pentachloronitrobenzene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Pentachlorophenol	0/7		9.00E-03 - 5.00E-02	NT	2.15E-02	mg/L
Phenacetin	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Phenanthrene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Phenol	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Phorate	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Polychlorinated biphenyl	0/8		1.00E-04 - 1.70E-04	NT	1.35E-04	mg/L
Pronamide	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Pyrene	0/7		9.00E-03 - 1.00E-02	NT	4.93E-03	mg/L
Pyridine	0/1		9.00E+01 - 9.00E+01	NT	4.50E+01	mg/L
Styrene	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Sulfotepp	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Tetrachloroethene	1/95	5.00E-03 - 5.00E-03	5.00E-03 - 2.50E+00	N	1.93E-02	mg/L
Thionazin	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=d MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Toluene	0/114		5.00E-03 - 2.50E+00	NT	1.87E-02	mg/L
Toxaphene	0/6		1.00E-04 - 5.00E-03	NT	1.09E-03	mg/L
Trichloroethene	149/204	1.00E-03 - 2.30E+01	1.00E-03 - 5.00E-03	N	5.12E-01	mg/L
Trichlorofluoromethane	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Vinyl acetate	0/5		5.00E-03 - 5.00E-02	NT	1.25E-02	mg/L
Vinyl chloride	0/96		5.00E-03 - 1.00E+01	NT	1.76E-01	mg/L
a,a-Dimethylphenethylamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
alpha-BHC	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
alpha-Chlordane	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
beta-BHC	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
cis-1,2-Dichloroethene	8/95	1.80E-03 - 2.90E-02	5.00E-03 - 5.00E+00	N	8.92E-02	mg/L
cis-1,3-Dichloropropene	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
cis-1,4-Dichloro-2-Butene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
delta-BHC	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
gamma-Chlordane	0/6		5.00E-06 - 1.00E-03	NT	9.29E-05	mg/L
m,p-Xylene	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
o-Toluidine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
p-Dimethylaminoazobenzene	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
p-Phenylenediamine	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
trans-1,2-Dichloroethene	0/90		5.00E-03 - 5.00E+00	NT	9.61E-02	mg/L
trans-1,3-Dichloropropene	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Alpha activity	126/166	1.00E-01 - 1.13E+01	-4.70E+00 - 1.00E+03	N	2.81E+01	pCi/L
Americium-241	1/2	5.00E-01 - 5.00E-01	-1.30E+00 --1.30E+00	N	-2.00E-01	pCi/L
Beta activity	152/166	1.00E+00 - 1.00E+03	-3.00E+00 - 1.00E+03	N	3.45E+01	pCi/L
Cesium-137	3/4	1.00E-01 - 2.07E+01	1.81E+01 - 1.81E+01	N	4.97E+00	pCi/L
Cobalt-60	1/2	2.00E-01 - 2.00E-01	-3.00E-01 --3.00E-01	N	-2.50E-02	pCi/L
Neptunium-237	11/15	1.00E-01 - 5.00E-01	-3.00E-01 --2.00E-01	L	2.80E-01	pCi/L
Plutonium-239	1/15	2.00E-01 - 2.00E-01	0.00E+00 - 0.00E+00	N	6.67E-03	pCi/L
Radium-226	13/14	1.00E-01 - 2.00E+00	0.00E+00 - 0.00E+00	L	6.78E-01	pCi/L
Radon-222	44/44	7.10E+01 - 9.48E+03		L	2.99E+02	pCi/L
Technetium-99	168/214	4.00E-01 - 3.67E+02	-7.90E+00 - 8.80E-01	L	1.99E+01	pCi/L
Thorium-230	12/15	1.00E-01 - 1.00E+00	-3.00E-01 - 0.00E+00	N	1.53E-01	pCi/L
Uranium-234	6/7	3.44E-02 - 2.90E+00	9.00E-02 - 9.00E-02	L	3.89E-01	pCi/L
Uranium-235	4/6	4.00E-02 - 2.48E-01	3.00E-02 - 8.00E-02	N	1.08E-01	pCi/L
Uranium-238	4/7	9.00E-02 - 6.69E+00	7.00E-02 - 1.20E-01	L	3.54E-01	pCi/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=d MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	41/43	1.12E-01 - 6.24E+01	1.00E-01 - 1.00E+00	L	2.99E+00	mg/L
Ammonia as Nitrogen	2/4	6.00E-02 - 1.60E-01	3.00E-02 - 3.00E-02	N	3.50E-02	mg/L
Antimony	2/39	2.48E-02 - 2.57E-02	2.00E-02 - 1.85E-01	L	2.09E-02	mg/L
Arsenic	7/46	2.30E-03 - 2.20E-02	1.00E-03 - 5.00E-03	L	1.83E-03	mg/L
Barium	41/48	1.80E-02 - 8.88E-01	5.00E-02 - 7.00E-02	L	1.98E-01	mg/L
Beryllium	1/39	1.70E-03 - 1.70E-03	1.00E-03 - 1.50E-02	L	2.96E-03	mg/L
Cadmium	1/48	1.20E-02 - 1.20E-02	2.00E-03 - 1.00E-01	L	1.25E-02	mg/L
Calcium	38/38	1.50E+00 - 3.78E+02		L	3.12E+01	mg/L
Chloride	38/38	5.38E+00 - 3.10E+02		L	4.32E+01	mg/L
Chromium	9/40	2.70E-03 - 1.30E-01	5.00E-02 - 6.00E-02	N	2.53E-02	mg/L
Chromium, hexavalent	0/13		1.00E-02 - 2.50E-01	NT	2.73E-02	mg/L
Cobalt	7/39	4.40E-03 - 6.76E-02	4.50E-02 - 5.00E-02	N	2.24E-02	mg/L
Copper	12/38	2.00E-03 - 3.30E-02	1.00E-02 - 2.50E-02	L	8.57E-03	mg/L
Cyanide	2/5	5.00E-03 - 1.00E-02	3.00E-03 - 3.00E-03	N	2.40E-03	mg/L
Fluoride	23/38	1.00E-01 - 4.50E-01	2.00E-02 - 2.00E-01	L	1.74E-01	mg/L
Iron	47/47	5.90E-02 - 7.54E+01		L	2.80E+01	mg/L
Kjeldahl Nitrogen	3/4	6.78E-01 - 8.95E+00	8.00E+00 - 8.00E+00	N	2.39E+00	mg/L
Lead	7/39	3.30E-03 - 1.38E+00	1.00E-03 - 2.50E-01	L	1.05E-02	mg/L
Magnesium	47/47	5.85E-01 - 9.40E+01		L	1.46E+01	mg/L
Manganese	47/47	8.00E-03 - 2.70E+01		L	1.01E+01	mg/L
Mercury	1/28	2.00E-04 - 2.00E-04	2.00E-04 - 3.00E-04	N	1.02E-04	mg/L
Molybdenum	0/28		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Nickel	8/48	8.20E-03 - 9.30E-02	5.00E-02 - 1.00E-01	N	3.09E-02	mg/L
Nitrate as Nitrogen	12/34	1.20E+00 - 2.69E+01	1.00E+00 - 1.00E+00	L	1.16E+00	mg/L
Nitrate/Nitrite	2/4	1.30E-01 - 9.38E+00	5.00E-02 - 5.00E-02	N	1.20E+00	mg/L
Orthophosphate	3/3	1.50E-01 - 1.60E-01		N	7.83E-02	mg/L
Phosphorous	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Potassium	22/46	7.76E-01 - 2.98E+01	2.00E+00 - 2.00E+00	L	4.42E+00	mg/L
Selenium	5/29	1.70E-03 - 8.70E-03	1.00E-03 - 1.50E-02	L	1.96E-03	mg/L
Silica	38/38	9.00E+00 - 6.70E+01		L	1.17E+01	mg/L
Silver	2/11	3.30E-03 - 4.40E-03	2.00E-03 - 6.00E-02	L	2.40E-03	mg/L
Sodium	47/47	5.03E+00 - 2.79E+02		L	3.42E+01	mg/L
Strontium	9/10	7.46E-01 - 1.64E+00	1.21E+00 - 1.21E+00	L	1.12E+00	mg/L
Sulfate	3/4	1.20E+01 - 5.90E+01	3.00E+01 - 3.00E+01	N	1.51E+01	mg/L
Sulfide	3/4	1.20E+00 - 6.40E+01	1.00E+00 - 1.00E+00	N	8.53E+00	mg/L
Tetraoxo-sulfate(1-)	29/33	5.00E+00 - 6.95E+02	5.00E+00 - 5.00E+00	L	6.30E+01	mg/L
Thallium	0/35		1.00E-03 - 4.70E-01	NT	2.99E-02	mg/L
Tin	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Total Phosphate as Phosphorus	0/4		1.00E-01 - 1.00E+00	NT	3.25E-01	mg/L
Uranium	19/45	1.00E-03 - 1.30E-01	1.00E-03 - 1.00E-03	N	2.48E-02	mg/L
Vanadium	30/34	2.20E-03 - 7.11E-01	1.00E-03 - 5.00E-02	L	1.27E-01	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=d MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Zinc	19/39	2.70E-03 - 9.90E-02	5.00E-03 - 3.00E-02	L	1.43E-02	mg/L
1,1,1-Trichloroethane	2/24	3.00E-03 - 1.60E-02	5.00E-03 - 5.00E-01	L	1.86E-03	mg/L
1,1,2,2-Tetrachloroethane	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/22		5.00E-03 - 5.00E-01	NT	1.60E-02	mg/L
1,1-Dichloroethane	1/23	8.00E-03 - 8.00E-03	5.00E-03 - 5.00E-01	L	6.84E-03	mg/L
1,1-Dichloroethene	7/29	7.00E-03 - 2.00E-01	5.00E-03 - 5.00E-01	L	3.35E-03	mg/L
1,2,4-Trichlorobenzene	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,2-Dichlorobenzene	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,2-Dichloroethane	1/23	2.00E-03 - 2.00E-03	5.00E-03 - 5.00E-01	L	6.68E-03	mg/L
1,2-Dichloroethene	1/7	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-03	N	2.50E-03	mg/L
1,2-Dichloropropane	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,3,5-Trinitrobenzene	0/2		6.00E-03 - 6.00E-03	NT	3.00E-03	mg/L
1,3-Dichlorobenzene	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,3-Dinitrobenzene	0/2		6.00E-03 - 6.00E-03	NT	3.00E-03	mg/L
1,4-Dichlorobenzene	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4,5-T	0/1		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
2,4,5-Trichlorophenol	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4,6-Trichlorophenol	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4-D	0/1		1.00E-03 - 1.00E-03	NT	5.00E-04	mg/L
2,4-Dichlorophenol	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4-Dimethylphenol	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4-Dinitrophenol	0/6		4.80E-02 - 5.00E-02	NT	2.42E-02	mg/L
2,4-Dinitrotoluene	0/7		6.00E-03 - 1.00E-02	NT	4.71E-03	mg/L
2,6-Dinitrotoluene	0/7		6.00E-03 - 1.00E-02	NT	4.71E-03	mg/L
2-Butanone	0/6		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
2-Chloronaphthalene	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Chlorophenol	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Hexanone	0/6		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
2-Methyl-4,6-dinitrophenol	0/6		4.80E-02 - 5.00E-02	NT	2.42E-02	mg/L
2-Methylnaphthalene	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Methylphenol	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Nitrobenzenamine	0/6		4.80E-02 - 5.00E-02	NT	2.42E-02	mg/L
2-Nitrophenol	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
3,3'-Dichlorobenzidine	0/6		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
3-Nitrobenzenamine	0/6		4.80E-02 - 5.00E-02	NT	2.42E-02	mg/L
4,4'-DDD	0/6		1.00E-05 - 1.10E-05	NT	5.08E-06	mg/L
4,4'-DDE	0/6		1.00E-05 - 1.10E-05	NT	5.08E-06	mg/L
4,4'-DDT	0/6		1.00E-05 - 1.10E-05	NT	5.08E-06	mg/L
4-Bromophenyl phenyl ether	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Chloro-3-methylphenol	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=d MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
4-Chlorobenzenamine	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Chlorophenyl phenyl ether	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Methyl-2-pentanone	0/6		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Methylphenol	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Nitrobenzenamine	0/6		4.80E-02 - 5.00E-02	NT	2.42E-02	mg/L
4-Nitrophenol	0/6		4.80E-02 - 5.00E-02	NT	2.42E-02	mg/L
Acenaphthene	0/12		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Acenaphthylene	0/12		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Acetone	0/6		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Aldrin	0/6		5.00E-06 - 1.00E-05	NT	3.00E-06	mg/L
Anthracene	0/12		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Azinphos-methyl	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Benz(a)anthracene	0/12		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Benzene	1/98	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-01	N	3.28E-02	mg/L
Benzo(a)pyrene	0/12		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Benzo(b)fluoranthene	0/12		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Benzo(ghi)perylene	0/12		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Benzo(k)fluoranthene	0/12		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Bis(2-chloroethoxy)methane	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-chloroethyl) ether	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-chloroisopropyl)ether	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-ethylhexyl)phthalate	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bromodichloromethane	0/22		5.00E-03 - 5.00E-01	NT	1.60E-02	mg/L
Bromoform	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromomethane	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Butyl benzyl phthalate	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbazole	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Carbon tetrachloride	0/22		5.00E-03 - 5.00E-01	NT	1.60E-02	mg/L
Chlorobenzene	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroethane	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chloroform	0/22		5.00E-03 - 5.00E-01	NT	1.60E-02	mg/L
Chloromethane	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chrysene	0/12		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Co-Ral	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Demeton O and S	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Di-n-butyl phthalate	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Di-n-octylphthalate	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Diazinon	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Dibenz(a,h)anthracene	0/12		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=d MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Dibenzofuran	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibromochloromethane	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dichlorvos	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Dieldrin	0/6		1.00E-05 - 1.10E-05	NT	5.08E-06	mg/L
Diethyl phthalate	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dimethyl phthalate	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dimethyl-1,2-dibromo-2,2-dichloroethyl phospate	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Dimethylbenzene	12/98	2.00E-01 - 2.80E+00	5.00E-03 - 5.00E-01	N	9.72E-02	mg/L
Disulfoton	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Endosulfan I	0/6		5.00E-06 - 1.00E-05	NT	3.00E-06	mg/L
Endosulfan II	0/6		1.00E-05 - 1.10E-05	NT	5.08E-06	mg/L
Endosulfan sulfate	0/6		1.00E-05 - 1.10E-05	NT	5.08E-06	mg/L
Endrin	0/6		1.00E-05 - 1.10E-05	NT	5.08E-06	mg/L
Endrin aldehyde	0/6		1.00E-05 - 1.10E-05	NT	5.08E-06	mg/L
Endrin ketone	0/5		1.00E-05 - 1.10E-05	NT	5.10E-06	mg/L
Ethion	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Ethylbenzene	14/99	3.20E-02 - 1.50E+00	5.00E-03 - 1.00E-01	N	6.99E-02	mg/L
Fensulfothion	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Fenthion	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Fluoranthene	0/12		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Fluorene	1/12	7.00E-03 - 7.00E-03	5.00E-03 - 1.00E-02	L	3.86E-03	mg/L
Heptachlor	0/6		5.00E-06 - 1.00E-05	NT	3.00E-06	mg/L
Heptachlor epoxide	0/6		5.00E-06 - 1.00E-05	NT	3.00E-06	mg/L
Hexachloro-dibenzo[b,e][1,4]dioxin	0/1		1.60E-06 - 1.60E-06	NT	8.00E-07	mg/L
Hexachlorobenzene	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorobutadiene	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorocyclopentadiene	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorodibenzofuran	0/1		8.00E-07 - 8.00E-07	NT	4.00E-07	mg/L
Hexachloroethane	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Indeno(1,2,3-cd)pyrene	0/12		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Isophorone	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Lindane	0/6		5.00E-06 - 1.00E-05	NT	3.00E-06	mg/L
Merphos	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Methoxychlor	0/6		1.00E-05 - 1.13E-04	NT	3.53E-05	mg/L
Methyl parathion	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Methylene chloride	6/6	5.00E-03 - 1.80E-02		N	3.92E-03	mg/L
Mocap	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
N-Nitroso-di-n-propylamine	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
N-Nitrosodiphenylamine	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Naphthalene	1/12	4.70E-02 - 4.70E-02	5.00E-03 - 1.00E-02	L	5.23E-03	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=d MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Nitrobenzene	0/7		6.00E-03 - 1.00E-02	NT	4.71E-03	mg/L
PCB-1016	0/6		1.00E-05 - 1.14E-04	NT	8.73E-05	mg/L
PCB-1221	0/6		2.00E-04 - 2.27E-04	NT	2.05E-04	mg/L
PCB-1232	0/6		1.00E-05 - 1.14E-04	NT	8.73E-05	mg/L
PCB-1242	0/6		1.00E-05 - 1.14E-04	NT	8.73E-05	mg/L
PCB-1248	0/6		1.00E-05 - 1.14E-04	NT	8.73E-05	mg/L
PCB-1254	0/6		1.00E-05 - 1.14E-04	NT	8.73E-05	mg/L
PCB-1260	0/6		1.00E-05 - 1.14E-04	NT	8.73E-05	mg/L
Pentachloro-dibenzo[b,e][1,4]dioxin	0/1		1.50E-06 - 1.50E-06	NT	7.50E-07	mg/L
Pentachlorodibenzofuran	0/1		1.40E-06 - 1.40E-06	NT	7.00E-07	mg/L
Pentachlorophenol	0/6		4.80E-02 - 5.00E-02	NT	2.42E-02	mg/L
Phenanthrene	1/12	5.00E-03 - 5.00E-03	5.00E-03 - 1.00E-02	N	3.75E-03	mg/L
Phenol	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Phorate	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Phosdrin	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Polychlorinated biphenyl	0/2		1.00E-04 - 1.00E-04	NT	1.00E-04	mg/L
Prothiophos	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Pyrene	0/12		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Ronnel	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Silvex	0/1		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Styrene	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Sulprofos	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Tetrachloro-dibenzo[b,e][1,4]dioxin	0/1		1.10E-06 - 1.10E-06	NT	5.50E-07	mg/L
Tetrachlorodibenzofuran	0/1		7.00E-07 - 7.00E-07	NT	3.50E-07	mg/L
Tetrachloroethene	0/22		5.00E-03 - 5.00E-01	NT	1.60E-02	mg/L
Tetrachlorovinphos	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Toluene	0/97		5.00E-03 - 5.00E-01	NT	3.31E-02	mg/L
Toxaphene	0/6		5.00E-04 - 1.13E-03	NT	4.69E-04	mg/L
Trichloroethene	57/121	1.00E-03 - 9.80E+01	1.00E-03 - 1.00E-01	N	2.95E+00	mg/L
Trichloronate	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Trinitrotoluene	0/2		6.00E-03 - 6.00E-03	NT	3.00E-03	mg/L
Vinyl chloride	0/22		5.00E-03 - 5.00E-01	NT	3.98E-02	mg/L
alpha-BHC	0/6		5.00E-06 - 1.00E-05	NT	3.00E-06	mg/L
alpha-Chlordane	0/6		5.00E-06 - 1.00E-05	NT	3.42E-06	mg/L
beta-BHC	0/6		5.00E-06 - 1.00E-05	NT	3.00E-06	mg/L
cis-1,2-Dichloroethene	2/18	8.00E-03 - 9.00E-03	5.00E-03 - 5.00E-01	L	2.98E-03	mg/L
cis-1,3-Dichloropropene	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
delta-BHC	0/6		5.00E-06 - 1.00E-05	NT	3.00E-06	mg/L
gamma-Chlordane	0/6		5.00E-06 - 5.00E-05	NT	6.75E-06	mg/L
trans-1,2-Dichloroethene	0/17		5.00E-03 - 5.00E-01	NT	4.12E-02	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=d MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
trans-1,3-Dichloropropene	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Alpha activity	107/115	2.00E-01 - 5.75E+01	-5.00E+00 - 6.53E+00	L	7.60E+00	pCi/L
Beta activity	112/115	1.00E+00 - 1.00E+03	0.00E+00 - 1.15E+01	L	5.23E+01	pCi/L
Neptunium-237	1/2	2.37E+00 - 2.37E+00	8.00E-02 - 8.00E-02	N	6.13E-01	pCi/L
Plutonium-238	2/2	1.00E-01 - 1.10E-01		N	5.25E-02	pCi/L
Plutonium-239	0/2		3.00E-02 - 9.00E-02	NT	3.00E-02	pCi/L
Plutonium-242	0/2		1.00E-02 - 7.00E-02	NT	2.00E-02	pCi/L
Radon-222	5/5	1.35E+02 - 5.12E+02		N	1.58E+02	pCi/L
Technetium-99	103/118	1.00E+00 - 1.01E+03	-7.00E+00 - 7.50E-01	L	4.71E+01	pCi/L
Thorium-228	2/2	3.40E-01 - 6.40E-01		N	2.45E-01	pCi/L
Thorium-230	2/2	3.70E-01 - 6.90E-01		N	2.65E-01	pCi/L
Thorium-232	2/2	1.80E-01 - 4.90E-01		N	1.68E-01	pCi/L
Uranium-234	5/5	1.50E-01 - 1.84E+01		N	4.60E+00	pCi/L
Uranium-235	1/1	1.22E+00 - 1.22E+00		NT	1.22E+00	pCi/L
Uranium-238	4/5	4.50E-01 - 4.19E+01	2.10E-01 - 2.10E-01	N	9.35E+00	pCi/L

AREA_CODE=e MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	6/40	2.08E+00 - 9.04E+01	6.25E-01 - 1.00E+00	L	8.98E-02	mg/L
Antimony	0/20		6.00E-02 - 2.50E-01	NT	8.96E-02	mg/L
Arsenic	2/11	7.30E-03 - 3.60E-02	5.00E-03 - 5.00E-03	L	2.22E-03	mg/L
Barium	6/11	9.20E-02 - 6.70E-01	5.00E-02 - 7.00E-02	L	1.40E-01	mg/L
Beryllium	1/11	1.70E-02 - 1.70E-02	4.00E-03 - 2.50E-02	N	8.23E-03	mg/L
Cadmium	1/11	2.10E-02 - 2.10E-02	1.00E-02 - 1.00E-01	L	2.61E-02	mg/L
Calcium	41/41	4.20E+00 - 1.18E+02		L	4.08E+00	mg/L
Chloride	38/38	1.45E+01 - 2.42E+01		N	1.09E+01	mg/L
Chromium	2/9	5.60E-02 - 2.32E-01	5.00E-02 - 6.00E-02	L	3.82E-02	mg/L
Cobalt	1/11	1.21E-01 - 1.21E-01	4.50E-02 - 1.00E-01	L	3.18E-02	mg/L
Copper	3/11	1.30E-02 - 1.63E-01	2.50E-02 - 1.00E-01	L	2.47E-02	mg/L
Fluoride	20/20	1.40E-01 - 3.90E-01		N	2.85E-01	mg/L
Iron	41/41	5.04E+00 - 1.79E+02		L	1.33E+01	mg/L
Lead	0/6		2.50E-01 - 2.50E-01	NT	1.25E-01	mg/L
Magnesium	41/41	2.14E+00 - 6.46E+01		L	2.20E+00	mg/L
Manganese	41/41	3.57E-01 - 3.91E+00		L	4.66E-01	mg/L
Mercury	0/6		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=e MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Molybdenum	0/10		5.00E-02 - 1.00E-01	NT	3.33E-02	mg/L
Nickel	2/11	1.07E-01 - 1.09E-01	5.00E-02 - 1.00E-01	N	4.85E-02	mg/L
Nitrate as Nitrogen	1/38	1.00E+00 - 1.00E+00	1.00E+00 - 1.00E+00	N	5.00E-01	mg/L
Potassium	27/40	4.54E+00 - 8.61E+01	5.00E+00 - 1.05E+01	L	1.27E+01	mg/L
Selenium	0/8		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Silica	30/30	1.10E+01 - 5.80E+01		N	1.87E+01	mg/L
Silver	0/7		5.00E-02 - 6.00E-02	NT	2.79E-02	mg/L
Sodium	41/41	1.49E+01 - 7.65E+01		L	9.68E+00	mg/L
Sulfate	2/2	1.90E+01 - 1.17E+03		N	2.97E+02	mg/L
Tetraoxo-sulfate(1-)	36/36	9.60E+00 - 1.97E+01		N	8.48E+00	mg/L
Thallium	1/4	1.23E-01 - 1.23E-01	6.00E-02 - 4.70E-01	N	8.91E-02	mg/L
Tin	0/1		2.80E-01 - 2.80E-01	NT	1.40E-01	mg/L
Total Phosphate as Phosphorus	1/35	5.20E+00 - 5.20E+00	2.00E+00 - 2.00E+00	N	1.05E+00	mg/L
Uranium	2/11	2.00E-03 - 1.80E-02	1.00E-03 - 1.00E-03	L	3.02E-04	mg/L
Vanadium	3/4	5.70E-02 - 8.36E-01	4.00E-02 - 4.00E-02	N	2.05E-01	mg/L
Zinc	8/11	2.60E-02 - 5.64E-01	1.00E-01 - 2.50E-01	L	9.88E-02	mg/L
1,1,1-Trichloroethane	0/45		5.00E-03 - 5.00E-02	NT	3.00E-03	mg/L
1,1,2-Trichloroethane	0/45		5.00E-03 - 5.00E-02	NT	3.00E-03	mg/L
1,1-Dichloroethane	0/44		5.00E-03 - 5.00E-02	NT	3.01E-03	mg/L
1,1-Dichloroethene	0/44		5.00E-03 - 5.00E-02	NT	3.01E-03	mg/L
1,2-Dichloroethane	0/45		5.00E-03 - 5.00E-02	NT	3.00E-03	mg/L
1,3-Dichlorobenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Benzene	0/44		5.00E-03 - 5.00E-02	NT	3.01E-03	mg/L
Bromodichloromethane	0/45		5.00E-03 - 5.00E-02	NT	3.00E-03	mg/L
Carbon tetrachloride	0/45		5.00E-03 - 5.00E-02	NT	3.00E-03	mg/L
Chloroform	0/45		5.00E-03 - 5.00E-02	NT	3.00E-03	mg/L
Dimethylbenzene	0/44		5.00E-03 - 1.00E-01	NT	4.83E-03	mg/L
Ethylbenzene	0/44		5.00E-03 - 5.00E-02	NT	3.01E-03	mg/L
Polychlorinated biphenyl	0/1		1.00E-04 - 1.00E-04	NT	1.00E-04	mg/L
Tetrachloroethene	0/45		5.00E-03 - 5.00E-02	NT	3.00E-03	mg/L
Toluene	0/44		5.00E-03 - 5.00E-02	NT	3.01E-03	mg/L
Trichloroethene	5/52	2.00E-03 - 7.00E-03	1.00E-03 - 1.00E-02	N	1.46E-03	mg/L
Vinyl chloride	0/45		1.00E-03 - 1.00E-01	NT	9.36E-03	mg/L
cis-1,2-Dichloroethene	0/45		5.00E-03 - 5.00E-02	NT	6.00E-03	mg/L
trans-1,2-Dichloroethene	0/45		5.00E-03 - 5.00E-02	NT	6.00E-03	mg/L
Alpha activity	43/48	5.00E-01 - 1.07E+02	-1.80E+01 --1.70E+00	L	5.20E+00	pCi/L
Beta activity	48/48	7.00E+00 - 2.36E+02		L	2.11E+01	pCi/L
Neptunium-237	0/1		-2.00E-01 --2.00E-01	NT	-1.00E-01	pCi/L
Plutonium-239	0/1		0.00E+00 - 0.00E+00	NT	0.00E+00	pCi/L
Radon-222	31/31	1.43E+02 - 3.91E+02		N	1.29E+02	pCi/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=e MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Technetium-99	40/53	1.00E+00 - 5.30E+01	-1.29E+01 - 0.00E+00	L	9.41E+00	pCi/L
Thorium-230	1/1	1.00E-01 - 1.00E-01		NT	5.00E-02	pCi/L

AREA_CODE=e MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	94/348	1.04E-01 - 4.81E+01	3.00E-02 - 1.00E+00	N	5.14E-01	mg/L
Antimony	0/221		6.00E-02 - 2.50E-01	NT	7.32E-02	mg/L
Arsenic	1/158	7.00E-03 - 7.00E-03	5.00E-03 - 5.00E-03	N	2.51E-03	mg/L
Barium	158/159	2.10E-02 - 4.98E-01	7.00E-02 - 7.00E-02	L	1.78E-01	mg/L
Beryllium	3/158	5.00E-03 - 6.00E-03	4.00E-03 - 2.50E-02	N	5.52E-03	mg/L
Cadmium	2/159	1.00E-02 - 2.40E-02	1.00E-02 - 1.00E-01	N	1.41E-02	mg/L
Calcium	374/374	4.63E+00 - 7.82E+01		N	1.11E+01	mg/L
Chloride	345/345	6.00E+00 - 4.99E+01		N	1.64E+01	mg/L
Chromium	11/161	5.00E-02 - 1.12E-01	5.00E-02 - 6.00E-02	N	2.76E-02	mg/L
Chromium, hexavalent	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Cobalt	2/159	5.40E-02 - 8.10E-02	4.50E-02 - 1.00E-01	N	2.57E-02	mg/L
Copper	29/159	1.00E-02 - 1.87E+00	1.00E-02 - 1.00E-01	N	2.65E-02	mg/L
Fluoride	217/222	1.00E-01 - 6.50E-01	1.00E-01 - 1.00E-01	N	1.53E-01	mg/L
Iron	226/378	3.40E-02 - 2.91E+02	2.00E-01 - 5.00E-01	N	1.95E+00	mg/L
Lead	1/69	6.00E-02 - 6.00E-02	5.00E-02 - 2.50E-01	N	1.16E-01	mg/L
Magnesium	376/376	1.93E+00 - 1.42E+01		N	4.44E+00	mg/L
Manganese	158/375	1.10E-02 - 5.93E+00	5.00E-03 - 1.00E-01	N	5.22E-02	mg/L
Mercury	0/67		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Molybdenum	1/129	6.60E-02 - 6.60E-02	5.00E-02 - 1.00E-01	N	2.83E-02	mg/L
Nickel	21/160	3.30E-02 - 2.59E-01	1.00E-02 - 1.00E-01	N	4.01E-02	mg/L
Nitrate as Nitrogen	328/346	1.00E+00 - 1.42E+01	1.00E-01 - 1.00E+00	N	1.11E+00	mg/L
Potassium	44/353	1.40E+00 - 4.41E+01	2.00E+00 - 1.05E+01	N	3.09E+00	mg/L
Selenium	0/68		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Silica	207/208	8.00E+00 - 3.50E+01	5.00E+00 - 5.00E+00	N	8.59E+00	mg/L
Silver	1/59	3.90E-01 - 3.90E-01	5.00E-02 - 6.00E-02	N	3.14E-02	mg/L
Sodium	376/376	5.56E+00 - 6.30E+01		N	1.47E+01	mg/L
Sulfate	21/22	6.50E+00 - 3.56E+02	5.00E+00 - 5.00E+00	L	2.74E+01	mg/L
Tetraoxo-sulfate(1-)	323/323	3.00E+00 - 5.00E+01		N	8.67E+00	mg/L
Thallium	2/99	7.20E-02 - 1.00E-01	5.60E-02 - 4.70E-01	N	7.17E-02	mg/L
Tin	0/7		2.80E-01 - 2.80E-01	NT	1.40E-01	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=e MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Total Phosphate as Phosphorus	3/248	2.20E+00 - 2.80E+00	2.00E+00 - 2.00E+00	N	1.00E+00	mg/L
Uranium	8/132	1.00E-03 - 1.20E-02	1.00E-03 - 1.00E-03	N	1.14E-03	mg/L
Vanadium	74/102	4.50E-02 - 2.76E-01	4.00E-02 - 2.50E-01	L	7.62E-02	mg/L
Zinc	69/161	7.00E-03 - 4.00E-01	5.00E-03 - 2.50E-01	L	2.67E-02	mg/L
1,1,1-Trichloroethane	0/358		5.00E-03 - 5.00E-01	NT	4.27E-02	mg/L
1,1,2-Trichloroethane	0/424		5.00E-03 - 5.00E-01	NT	3.76E-02	mg/L
1,1-Dichloroethane	0/355		5.00E-03 - 5.00E-01	NT	4.30E-02	mg/L
1,1-Dichloroethene	0/355		5.00E-03 - 5.00E-01	NT	4.30E-02	mg/L
1,2-Dichloroethane	0/427		1.00E-03 - 5.00E-01	NT	3.73E-02	mg/L
1,2-Dichloroethene	0/4		5.00E-03 - 2.50E-02	NT	5.00E-03	mg/L
1,3-Dichlorobenzene	0/7		2.50E-02 - 1.00E-01	NT	3.75E-02	mg/L
2-Butanone	2/2	1.60E-02 - 1.70E-01		N	4.65E-02	mg/L
Acetone	1/1	1.40E-02 - 1.40E-02		NT	7.00E-03	mg/L
Benzene	0/350		5.00E-03 - 5.00E-01	NT	4.35E-02	mg/L
Bromodichloromethane	0/427		5.00E-03 - 5.00E-01	NT	3.74E-02	mg/L
Carbon tetrachloride	0/427		5.00E-03 - 5.00E-01	NT	3.74E-02	mg/L
Chloroethane	0/2		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Chloroform	0/427		5.00E-03 - 5.00E-01	NT	3.74E-02	mg/L
Dimethylbenzene	1/350	6.00E-03 - 6.00E-03	5.00E-03 - 1.00E+00	N	7.52E-02	mg/L
Ethane	0/4		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Ethylbenzene	0/350		5.00E-03 - 5.00E-01	NT	4.35E-02	mg/L
Ethylene	0/4		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Polychlorinated biphenyl	0/3		1.00E-04 - 1.70E-04	NT	1.23E-04	mg/L
Tetrachloroethene	0/427		5.00E-03 - 5.00E-01	NT	3.74E-02	mg/L
Toluene	0/350		5.00E-03 - 5.00E-01	NT	4.35E-02	mg/L
Trichloroethene	439/472	1.00E-03 - 1.67E+02	1.00E-03 - 1.00E-02	N	8.11E-01	mg/L
Vinyl chloride	0/427		5.00E-03 - 1.00E+00	NT	1.30E-01	mg/L
cis-1,2-Dichloroethene	0/421		5.00E-03 - 5.00E-01	NT	7.57E-02	mg/L
trans-1,2-Dichloroethene	1/422	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-01	N	7.56E-02	mg/L
Alpha activity	390/532	1.00E-01 - 1.88E+02	-6.18E+01 - 1.00E+03	L	4.84E+00	pCi/L
Americium-241	0/1		-1.00E+00 --1.00E+00	NT	-5.00E-01	pCi/L
Beta activity	530/532	1.00E+00 - 1.81E+03	-4.00E+00 --2.00E+00	N	1.66E+02	pCi/L
Cesium-137	0/1		-4.00E-01 --4.00E-01	NT	-2.00E-01	pCi/L
Cobalt-60	1/1	8.00E-01 - 8.00E-01		NT	4.00E-01	pCi/L
Neptunium-237	8/14	1.00E-01 - 5.00E-01	-3.00E-01 - 0.00E+00	N	1.07E-02	pCi/L
Plutonium-239	3/14	1.00E-01 - 1.00E-01	0.00E+00 - 0.00E+00	N	1.07E-02	pCi/L
Radium-226	1/1	2.00E-01 - 2.00E-01		NT	1.00E-01	pCi/L
Radon-222	255/255	5.10E+01 - 8.61E+02		N	1.95E+02	pCi/L
Technetium-99	526/547	1.00E+00 - 2.11E+03	-1.00E+00 - 2.50E+01	N	4.28E+02	pCi/L
Thorium-230	11/14	1.00E-01 - 1.60E+00	-4.00E-01 - 0.00E+00	N	2.14E-01	pCi/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=e MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	16/28	4.07E-01 - 8.00E+01	7.50E-01 - 1.00E+00	L	2.31E+00	mg/L
Antimony	0/7		6.00E-02 - 2.50E-01	NT	8.86E-02	mg/L
Arsenic	1/6	8.00E-03 - 8.00E-03	5.00E-03 - 5.00E-03	N	2.75E-03	mg/L
Barium	6/6	2.83E-01 - 1.01E+00		N	3.01E-01	mg/L
Beryllium	0/6		5.00E-03 - 2.50E-02	NT	7.92E-03	mg/L
Cadmium	0/6		1.00E-02 - 1.00E-01	NT	2.88E-02	mg/L
Calcium	27/28	1.55E+01 - 6.92E+01	2.00E+00 - 2.00E+00	L	2.40E+01	mg/L
Chloride	22/22	6.80E+00 - 2.13E+02		L	7.99E+00	mg/L
Chromium	1/6	1.30E-01 - 1.30E-01	5.00E-02 - 6.00E-02	N	3.25E-02	mg/L
Cobalt	0/6		4.50E-02 - 1.00E-01	NT	2.88E-02	mg/L
Copper	1/6	1.00E-01 - 1.00E-01	1.00E-02 - 1.00E-01	N	3.50E-02	mg/L
Fluoride	5/5	3.70E-01 - 5.50E-01		N	4.68E-01	mg/L
Iron	23/28	3.37E-01 - 6.80E+01	2.00E-01 - 3.00E-01	L	2.59E+00	mg/L
Lead	0/4		2.50E-01 - 2.50E-01	NT	1.25E-01	mg/L
Magnesium	27/28	6.10E+00 - 3.10E+01	1.00E-01 - 1.00E-01	N	4.38E+00	mg/L
Manganese	5/28	5.00E-02 - 1.60E-01	5.00E-02 - 1.00E-01	L	4.16E-02	mg/L
Mercury	0/4		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Molybdenum	0/6		5.00E-02 - 1.00E-01	NT	3.38E-02	mg/L
Nickel	2/6	1.45E-01 - 5.35E-01	1.00E-01 - 1.00E-01	N	9.00E-02	mg/L
Nitrate as Nitrogen	1/22	1.00E+00 - 1.00E+00	1.00E+00 - 1.00E+00	N	5.00E-01	mg/L
Potassium	2/28	2.20E+00 - 3.05E+00	5.00E+00 - 1.05E+01	L	2.81E+00	mg/L
Selenium	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Silica	26/26	2.80E+01 - 4.30E+01		N	1.84E+01	mg/L
Silver	0/3		5.00E-02 - 6.00E-02	NT	2.67E-02	mg/L
Sodium	27/28	4.77E+01 - 1.45E+02	5.00E+00 - 5.00E+00	N	3.38E+01	mg/L
Sulfate	1/1	3.42E+01 - 3.42E+01		NT	1.71E+01	mg/L
Tetraoxo-sulfate(1-)	21/21	1.50E+01 - 4.16E+01		N	1.64E+01	mg/L
Thallium	0/2		6.00E-02 - 4.70E-01	NT	1.33E-01	mg/L
Tin	0/1		2.80E-01 - 2.80E-01	NT	1.40E-01	mg/L
Total Phosphate as Phosphorus	0/23		2.00E+00 - 2.00E+00	NT	1.00E+00	mg/L
Uranium	4/5	1.00E-03 - 4.00E-03	1.00E-03 - 1.00E-03	N	2.20E-03	mg/L
Vanadium	3/3	1.95E-01 - 7.60E-01		N	2.05E-01	mg/L
Zinc	2/5	1.60E-02 - 1.60E-01	1.00E-01 - 2.50E-01	N	6.26E-02	mg/L
1,1,1-Trichloroethane	0/27		5.00E-03 - 5.00E-02	NT	3.33E-03	mg/L
1,1,2-Trichloroethane	0/27		5.00E-03 - 5.00E-02	NT	3.33E-03	mg/L
1,1-Dichloroethane	0/27		5.00E-03 - 5.00E-02	NT	3.33E-03	mg/L
1,1-Dichloroethene	0/27		5.00E-03 - 5.00E-02	NT	3.33E-03	mg/L
1,2-Dichloroethane	0/27		5.00E-03 - 5.00E-02	NT	3.33E-03	mg/L
1,3-Dichlorobenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Benzene	0/27		5.00E-03 - 5.00E-02	NT	3.33E-03	mg/L
Bromodichloromethane	0/27		5.00E-03 - 5.00E-02	NT	3.33E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=e MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Carbon tetrachloride	0/27		5.00E-03 - 5.00E-02	NT	3.33E-03	mg/L
Chloroform	0/27		5.00E-03 - 5.00E-02	NT	3.33E-03	mg/L
Dimethylbenzene	0/27		5.00E-03 - 1.00E-01	NT	5.37E-03	mg/L
Ethylbenzene	0/27		5.00E-03 - 5.00E-02	NT	3.33E-03	mg/L
Tetrachloroethene	0/27		5.00E-03 - 5.00E-02	NT	3.33E-03	mg/L
Toluene	0/27		5.00E-03 - 5.00E-02	NT	3.33E-03	mg/L
Trichloroethene	3/34	2.00E-03 - 4.00E-03	1.00E-03 - 1.00E-02	L	1.96E-04	mg/L
Vinyl chloride	0/27		5.00E-03 - 1.00E-01	NT	1.07E-02	mg/L
cis-1,2-Dichloroethene	0/27		5.00E-03 - 5.00E-02	NT	6.67E-03	mg/L
trans-1,2-Dichloroethene	0/27		5.00E-03 - 5.00E-02	NT	6.67E-03	mg/L
Alpha activity	33/34	1.00E-01 - 1.43E+01	-4.30E+00 --4.30E+00	L	4.07E+00	pCi/L
Beta activity	31/34	1.00E+00 - 4.00E+01	-3.00E+00 - 0.00E+00	L	1.18E+01	pCi/L
Radon-222	21/21	4.00E+01 - 2.53E+02		N	7.39E+01	pCi/L
Technetium-99	24/34	1.00E+00 - 1.80E+01	-9.40E+00 - 0.00E+00	N	5.32E+00	pCi/L

AREA_CODE=f MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	2/4	2.65E-01 - 3.93E-01	6.25E-01 - 7.50E-01	N	2.54E-01	mg/L
Antimony	0/6		6.00E-02 - 2.50E-01	NT	7.71E-02	mg/L
Arsenic	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Barium	5/6	2.59E-01 - 3.54E-01	7.00E-02 - 7.00E-02	N	1.32E-01	mg/L
Beryllium	0/6		5.00E-03 - 2.50E-02	NT	6.67E-03	mg/L
Cadmium	0/6		1.00E-02 - 1.00E-01	NT	1.63E-02	mg/L
Calcium	6/6	1.92E+01 - 2.26E+01		N	1.03E+01	mg/L
Chloride	6/6	2.60E+00 - 5.00E+00		N	1.81E+00	mg/L
Chromium	0/4		5.00E-02 - 6.00E-02	NT	2.75E-02	mg/L
Cobalt	0/6		4.50E-02 - 1.00E-01	NT	2.79E-02	mg/L
Copper	0/6		1.00E-02 - 1.00E-01	NT	1.63E-02	mg/L
Fluoride	5/5	2.20E-01 - 2.70E-01		N	2.40E-01	mg/L
Iron	6/6	2.95E+00 - 1.04E+01		N	3.05E+00	mg/L
Lead	0/2		2.50E-01 - 2.50E-01	NT	1.25E-01	mg/L
Magnesium	6/6	5.31E+00 - 6.20E+00		N	2.91E+00	mg/L
Manganese	6/6	2.40E-01 - 3.50E-01		N	1.56E-01	mg/L
Mercury	0/2		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Molybdenum	0/4		5.00E-02 - 1.00E-01	NT	3.19E-02	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=f MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Nickel	0/6		5.00E-02 - 1.00E-01	NT	4.17E-02	mg/L
Nitrate as Nitrogen	0/6		1.00E+00 - 1.00E+00	NT	5.00E-01	mg/L
Potassium	5/5	1.75E+01 - 3.11E+01		N	1.11E+01	mg/L
Selenium	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Silica	4/4	1.60E+01 - 2.50E+01		N	1.00E+01	mg/L
Silver	0/4		5.00E-02 - 6.00E-02	NT	2.88E-02	mg/L
Sodium	6/6	2.28E+01 - 2.92E+01		N	1.25E+01	mg/L
Tetraoxo-sulfate(1-)	6/6	6.90E+00 - 8.00E+00		N	3.70E+00	mg/L
Thallium	0/2		6.00E-02 - 6.00E-02	NT	3.00E-02	mg/L
Uranium	0/8		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vanadium	0/2		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Zinc	3/6	1.00E-02 - 3.40E-01	3.00E-02 - 2.50E-01	N	5.60E-02	mg/L
1,1,1-Trichloroethane	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethane	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethene	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethane	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Benzene	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromodichloromethane	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Carbon tetrachloride	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroform	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dimethylbenzene	0/5		5.00E-03 - 1.00E-02	NT	4.00E-03	mg/L
Ethylbenzene	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Polychlorinated biphenyl	0/1		1.00E-04 - 1.00E-04	NT	1.00E-04	mg/L
Tetrachloroethene	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Toluene	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	0/12		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vinyl chloride	0/5		5.00E-03 - 1.00E-02	NT	7.00E-03	mg/L
cis-1,2-Dichloroethene	0/5		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
trans-1,2-Dichloroethene	0/5		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
Alpha activity	13/13	1.00E+00 - 1.75E+01		L	2.79E+00	pCi/L
Beta activity	13/13	2.20E+01 - 2.34E+02		L	2.60E+01	pCi/L
Radon-222	4/4	1.73E+02 - 2.67E+02		N	1.14E+02	pCi/L
Technetium-99	9/13	1.00E+00 - 2.00E+01	-9.70E+00 - 0.00E+00	N	6.48E+00	pCi/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=f MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	48/93	1.11E-01 - 4.63E+01	6.20E-01 - 1.00E+00	L	4.44E-01	mg/L
Antimony	0/98		6.00E-02 - 2.50E-01	NT	8.20E-02	mg/L
Arsenic	1/104	1.28E-02 - 1.28E-02	5.00E-03 - 5.00E-03	N	2.54E-03	mg/L
Barium	97/98	6.60E-02 - 2.70E+00	5.00E-02 - 5.00E-02	L	2.60E-01	mg/L
Beryllium	0/98		4.00E-03 - 2.50E-02	NT	7.33E-03	mg/L
Cadmium	3/106	1.00E-02 - 3.42E-01	1.00E-02 - 1.00E-01	N	2.51E-02	mg/L
Calcium	106/106	1.70E+01 - 7.00E+01		L	1.68E+01	mg/L
Chloride	105/105	2.70E+00 - 1.23E+02		N	4.01E+01	mg/L
Chromium	42/91	5.40E-02 - 9.16E-01	5.00E-02 - 6.00E-02	N	7.01E-02	mg/L
Cobalt	0/98		4.50E-02 - 4.50E-01	NT	3.11E-02	mg/L
Copper	6/106	1.00E-02 - 3.78E-01	1.00E-02 - 1.00E-01	N	2.54E-02	mg/L
Fluoride	88/90	1.10E-01 - 2.30E-01	1.00E-01 - 1.80E-01	L	1.64E-01	mg/L
Iron	88/108	1.10E-02 - 7.44E+01	1.00E-02 - 3.60E-01	L	9.67E-01	mg/L
Lead	0/46		6.00E-02 - 2.50E-01	NT	1.23E-01	mg/L
Magnesium	106/106	5.34E+00 - 2.27E+01		L	6.61E+00	mg/L
Manganese	58/106	5.00E-03 - 2.21E+00	5.00E-03 - 1.00E+00	L	5.01E-02	mg/L
Mercury	0/47		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Molybdenum	0/85		5.00E-02 - 1.00E-01	NT	3.35E-02	mg/L
Nickel	35/106	3.10E-02 - 4.48E-01	5.00E-02 - 1.00E-01	L	7.57E-02	mg/L
Nitrate as Nitrogen	82/97	1.00E+00 - 2.90E+00	1.00E+00 - 1.00E+00	L	1.70E+00	mg/L
Potassium	54/102	2.10E+00 - 1.97E+01	2.00E+00 - 1.05E+01	N	2.94E+00	mg/L
Selenium	0/53		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Silica	55/55	1.10E+01 - 5.20E+01		L	9.62E+00	mg/L
Silver	0/57		6.00E-03 - 6.00E-02	NT	2.46E-02	mg/L
Sodium	105/106	2.91E+01 - 7.86E+01	5.00E+00 - 5.00E+00	N	2.26E+01	mg/L
Sulfate	21/22	5.00E+00 - 6.76E+01	5.00E+00 - 5.00E+00	L	1.48E+01	mg/L
Tetraoxo-sulfate(1-)	79/83	5.00E+00 - 1.60E+02	5.00E+00 - 5.00E+00	L	3.40E+01	mg/L
Thallium	0/43		5.60E-02 - 4.70E-01	NT	6.80E-02	mg/L
Total Phosphate as Phosphorus	0/33		2.00E+00 - 2.00E+00	NT	1.00E+00	mg/L
Uranium	1/70	3.00E-03 - 3.00E-03	1.00E-03 - 1.00E-03	N	1.03E-03	mg/L
Vanadium	43/45	5.50E-02 - 2.36E-01	5.00E-02 - 5.00E-02	N	6.80E-02	mg/L
Zinc	29/106	5.00E-03 - 3.82E-01	5.00E-03 - 2.50E-01	L	1.34E-02	mg/L
1,1,1-Trichloroethane	0/145		5.00E-03 - 5.00E+00	NT	1.44E-01	mg/L
1,1,2,2-Tetrachloroethane	0/6		5.00E-03 - 2.50E-02	NT	6.67E-03	mg/L
1,1,2-Trichloroethane	0/171		5.00E-03 - 5.00E+00	NT	1.25E-01	mg/L
1,1-Dichloroethane	0/145		5.00E-03 - 5.00E+00	NT	1.44E-01	mg/L
1,1-Dichloroethene	3/148	1.60E-03 - 2.00E-02	5.00E-03 - 5.00E+00	L	2.77E-03	mg/L
1,2,4-Trichlorobenzene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
1,2-Dichlorobenzene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
1,2-Dichloroethane	0/177		1.00E-03 - 5.00E+00	NT	1.28E-01	mg/L
1,2-Dichloroethene	1/6	1.40E-02 - 1.40E-02	1.00E-02 - 5.00E-02	N	1.41E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=f MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,2-Dichloropropane	0/6		5.00E-03 - 2.50E-02	NT	6.67E-03	mg/L
1,3-Dichlorobenzene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
1,4-Dichlorobenzene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
2,4,5-Trichlorophenol	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
2,4,6-Trichlorophenol	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
2,4-Dichlorophenol	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
2,4-Dimethylphenol	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
2,4-Dinitrophenol	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4-Dinitrotoluene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
2,6-Dinitrotoluene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
2-Butanone	0/4		2.00E-01 - 5.00E-01	NT	1.63E-01	mg/L
2-Chloronaphthalene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
2-Chlorophenol	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
2-Hexanone	0/6		5.00E-02 - 2.50E-01	NT	6.67E-02	mg/L
2-Methyl-4,6-dinitrophenol	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
2-Methylnaphthalene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
2-Methylphenol	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
2-Nitrobenzenamine	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
2-Nitrophenol	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
3,3'-Dichlorobenzidine	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
3-Nitrobenzenamine	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
4-Bromophenyl phenyl ether	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
4-Chloro-3-methylphenol	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
4-Chlorobenzenamine	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
4-Chlorophenyl phenyl ether	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
4-Methyl-2-pentanone	0/4		1.00E-01 - 2.50E-01	NT	8.13E-02	mg/L
4-Methylphenol	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
4-Nitrobenzenamine	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
4-Nitrophenol	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Acenaphthene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Acenaphthylene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Acetone	0/6		1.00E-01 - 5.00E-01	NT	1.33E-01	mg/L
Anthracene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Benz(a)anthracene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Benzene	0/139		5.00E-03 - 5.00E+00	NT	1.48E-01	mg/L
Benzo(a)pyrene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Benzo(b)fluoranthene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Benzo(ghi)perylene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Benzo(k)fluoranthene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Bis(2-chloroethoxy)methane	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=f MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Bis(2-chloroethyl) ether	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Bis(2-chloroisopropyl) ether	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Bis(2-ethylhexyl)phthalate	1/1	2.80E-02 - 2.80E-02		NT	1.40E-02	mg/L
Bromodichloromethane	0/175		5.00E-03 - 5.00E+00	NT	1.22E-01	mg/L
Bromoform	0/4		1.00E-02 - 2.50E-02	NT	8.13E-03	mg/L
Bromomethane	0/6		1.00E-02 - 5.00E-02	NT	1.33E-02	mg/L
Butyl benzyl phthalate	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbazole	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Carbon disulfide	0/4		2.00E-01 - 5.00E-01	NT	1.63E-01	mg/L
Carbon tetrachloride	2/175	2.00E-04 - 6.00E-04	5.00E-03 - 5.00E+00	L	4.56E-04	mg/L
Chlorobenzene	0/6		5.00E-03 - 2.50E-02	NT	6.67E-03	mg/L
Chloroethane	0/6		5.00E-03 - 1.00E-01	NT	1.96E-02	mg/L
Chloroform	0/175		5.00E-03 - 5.00E+00	NT	1.22E-01	mg/L
Chloromethane	0/4		2.00E-02 - 5.00E-02	NT	1.63E-02	mg/L
Chrysene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Di-n-butyl phthalate	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Di-n-octylphthalate	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Dibenz(a,h)anthracene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Dibenzofuran	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Dibromochloromethane	0/4		1.00E-02 - 2.50E-02	NT	8.13E-03	mg/L
Diethyl phthalate	1/1	1.10E-02 - 1.10E-02		NT	5.50E-03	mg/L
Dimethyl phthalate	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Dimethylbenzene	0/139		5.00E-03 - 1.00E+01	NT	2.20E-01	mg/L
Ethane	0/2		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Ethylbenzene	0/141		5.00E-03 - 5.00E+00	NT	1.46E-01	mg/L
Ethylene	0/2		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Fluoranthene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Fluorene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Hexachlorobenzene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Hexachlorobutadiene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Hexachlorocyclopentadiene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Hexachloroethane	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Indeno(1,2,3-cd)pyrene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Isophorone	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Methylene chloride	0/6		5.00E-03 - 2.50E-02	NT	6.67E-03	mg/L
N-Nitroso-di-n-propylamine	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
N-Nitrosodiphenylamine	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Naphthalene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Nitrobenzene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Pentachlorophenol	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=f MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Phenanthrene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Phenol	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Polychlorinated biphenyl	0/4		1.00E-04 - 1.70E-04	NT	1.35E-04	mg/L
Pyrene	0/1		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Pyridine	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Styrene	0/4		1.00E-02 - 2.50E-02	NT	8.13E-03	mg/L
Tetrachloroethene	0/175		5.00E-03 - 5.00E+00	NT	1.22E-01	mg/L
Toluene	0/139		5.00E-03 - 5.00E+00	NT	1.48E-01	mg/L
Trichloroethene	206/214	4.00E-03 - 2.40E+00	1.00E-03 - 3.10E-01	N	6.82E-01	mg/L
Vinyl acetate	0/4		1.00E-01 - 2.50E-01	NT	8.13E-02	mg/L
Vinyl chloride	0/180		5.00E-03 - 1.00E+01	NT	3.51E-01	mg/L
cis-1,2-Dichloroethene	6/170	7.00E-04 - 2.20E-02	5.00E-03 - 5.00E+00	L	3.89E-03	mg/L
cis-1,3-Dichloropropene	0/4		1.00E-02 - 2.50E-02	NT	8.13E-03	mg/L
trans-1,2-Dichloroethene	1/170	1.00E-04 - 1.00E-04	5.00E-03 - 5.00E+00	L	2.52E-01	mg/L
trans-1,3-Dichloropropene	0/6		5.00E-03 - 2.50E-02	NT	6.67E-03	mg/L
Alpha activity	154/218	1.00E-01 - 2.71E+01	-8.10E+00 - 1.00E+03	N	2.38E+01	pCi/L
Beta activity	205/218	1.00E+00 - 1.59E+02	-3.00E+00 - 1.00E+03	N	2.49E+01	pCi/L
Neptunium-237	5/6	1.00E-01 - 7.00E-01	0.00E+00 - 0.00E+00	N	1.08E-01	pCi/L
Plutonium-239	2/6	1.00E-01 - 2.00E-01	0.00E+00 - 0.00E+00	N	2.50E-02	pCi/L
Radon-222	13/13	2.57E+02 - 8.48E+02		L	2.28E+02	pCi/L
Technetium-99	176/222	8.00E-01 - 1.68E+02	-1.10E+01 - 2.50E+01	L	1.28E+01	pCi/L
Thorium-230	5/6	1.00E-01 - 6.00E-01	-3.00E-01 - -3.00E-01	N	1.25E-01	pCi/L

AREA_CODE=f MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	2/2	5.23E+00 - 7.57E+00		N	3.20E+00	mg/L
Antimony	0/3		6.00E-02 - 1.85E-01	NT	5.08E-02	mg/L
Arsenic	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Barium	3/3	1.60E-01 - 2.22E-01		N	9.48E-02	mg/L
Beryllium	0/3		5.00E-03 - 1.50E-02	NT	4.17E-03	mg/L
Cadmium	0/3		1.00E-02 - 2.50E-02	NT	7.50E-03	mg/L
Calcium	3/3	2.05E+01 - 2.27E+01		N	1.07E+01	mg/L
Chloride	3/3	1.13E+01 - 1.50E+01		N	6.72E+00	mg/L
Chromium	0/3		5.00E-02 - 6.00E-02	NT	2.67E-02	mg/L
Cobalt	0/3		4.50E-02 - 5.00E-02	NT	2.42E-02	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=f MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Copper	2/3	1.00E-01 - 1.82E-01	1.00E-02 - 1.00E-02	N	4.87E-02	mg/L
Fluoride	3/3	2.40E-01 - 2.80E-01		N	2.63E-01	mg/L
Iron	3/3	4.60E+00 - 7.36E+00		N	2.84E+00	mg/L
Lead	0/1		2.50E-01 - 2.50E-01	NT	1.25E-01	mg/L
Magnesium	3/3	8.51E+00 - 1.00E+01		N	4.55E+00	mg/L
Manganese	3/3	3.00E-02 - 1.25E-01		N	3.10E-02	mg/L
Mercury	0/1		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Molybdenum	0/2		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Nickel	0/3		5.00E-02 - 1.00E-01	NT	3.33E-02	mg/L
Nitrate as Nitrogen	2/3	1.10E+00 - 1.10E+00	1.00E+00 - 1.00E+00	N	5.33E-01	mg/L
Potassium	1/2	2.16E+00 - 2.16E+00	2.00E+00 - 2.00E+00	N	1.04E+00	mg/L
Selenium	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Silica	2/2	3.30E+01 - 3.80E+01		N	1.78E+01	mg/L
Silver	0/1		6.00E-02 - 6.00E-02	NT	3.00E-02	mg/L
Sodium	3/3	4.54E+01 - 5.83E+01		N	2.69E+01	mg/L
Tetraoxo-sulfate(1-)	3/3	2.10E+01 - 4.96E+01		N	1.81E+01	mg/L
Thallium	0/1		6.00E-02 - 6.00E-02	NT	3.00E-02	mg/L
Uranium	0/3		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vanadium	2/2	7.80E-02 - 8.10E-02		N	3.98E-02	mg/L
Zinc	3/3	1.60E-02 - 1.00E-01		N	2.33E-02	mg/L
1,1,1-Trichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Benzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromodichloromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Carbon tetrachloride	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroform	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dimethylbenzene	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Ethylbenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Tetrachloroethene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Toluene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	1/8	2.00E-03 - 2.00E-03	1.00E-03 - 1.00E-03	N	1.13E-03	mg/L
Vinyl chloride	0/1		1.00E-02 - 1.00E-02	NT	1.00E-02	mg/L
cis-1,2-Dichloroethene	0/1		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
trans-1,2-Dichloroethene	0/1		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
Alpha activity	7/8	2.00E-01 - 1.15E+01	-6.40E+00 --6.40E+00	L	3.69E+00	pCi/L
Beta activity	8/8	4.00E+00 - 1.40E+01		N	4.25E+00	pCi/L
Radon-222	1/1	4.71E+02 - 4.71E+02		NT	2.36E+02	pCi/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=f MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Technetium-99	4/8	2.10E+01 - 7.70E+01	0.00E+00 - 0.00E+00	L	4.11E+01	pCi/L

AREA_CODE=g MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	5/9	1.02E-01 - 2.16E-01	1.00E-01 - 7.50E-01	L	1.75E-01	mg/L
Antimony	0/9		6.00E-02 - 2.50E-01	NT	5.42E-02	mg/L
Arsenic	1/9	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-03	N	2.50E-03	mg/L
Barium	9/9	7.20E-02 - 1.11E-01		L	4.23E-02	mg/L
Beryllium	0/9		4.00E-03 - 2.50E-02	NT	4.67E-03	mg/L
Cadmium	0/9		1.00E-02 - 1.00E-01	NT	1.17E-02	mg/L
Calcium	9/9	8.43E+00 - 3.26E+01		L	9.18E+00	mg/L
Chloride	9/9	1.00E+01 - 1.30E+01		L	5.63E+00	mg/L
Chromium	0/7		5.00E-02 - 6.00E-02	NT	2.57E-02	mg/L
Cobalt	0/9		4.50E-02 - 1.00E-01	NT	2.75E-02	mg/L
Copper	1/9	1.30E-02 - 1.30E-02	1.00E-02 - 1.00E-01	L	1.11E-02	mg/L
Fluoride	7/7	1.70E-01 - 2.10E-01		L	1.84E-01	mg/L
Iron	9/9	8.94E+00 - 1.64E+01		N	6.34E+00	mg/L
Lead	0/7		5.00E-02 - 2.50E-01	NT	3.93E-02	mg/L
Magnesium	9/9	4.68E+00 - 7.79E+00		N	3.08E+00	mg/L
Manganese	9/9	5.11E-01 - 7.14E-01		L	3.03E-01	mg/L
Mercury	1/7	4.50E-03 - 4.50E-03	2.00E-04 - 2.00E-04	N	4.07E-04	mg/L
Molybdenum	0/9		5.00E-02 - 1.00E-01	NT	2.83E-02	mg/L
Nickel	0/9		5.00E-02 - 1.00E-01	NT	3.33E-02	mg/L
Nitrate as Nitrogen	1/9	1.30E+00 - 1.30E+00	1.00E+00 - 1.00E+00	N	5.17E-01	mg/L
Potassium	8/9	4.75E+00 - 1.39E+01	1.05E+01 - 1.05E+01	L	9.93E+00	mg/L
Selenium	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Silica	9/9	8.73E+00 - 3.00E+01		N	1.02E+01	mg/L
Silver	0/2		5.00E-02 - 6.00E-02	NT	2.75E-02	mg/L
Sodium	9/9	2.19E+01 - 2.90E+01		L	1.29E+01	mg/L
Tetraoxo-sulfate(1-)	6/6	1.09E+01 - 1.70E+01		N	6.60E+00	mg/L
Thallium	0/7		5.60E-02 - 4.70E-01	NT	5.90E-02	mg/L
Uranium	0/10		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vanadium	4/7	5.30E-02 - 6.40E-02	5.00E-02 - 5.00E-02	L	5.47E-02	mg/L
Zinc	4/9	5.00E-03 - 3.30E-02	5.00E-03 - 2.50E-01	L	1.41E-02	mg/L
1,1,1-Trichloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=g MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,1,2,2-Tetrachloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloropropane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
2-Butanone	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
2-Hexanone	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Methyl-2-pentanone	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Acetone	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Benzene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromodichloromethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromoform	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromomethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Carbon tetrachloride	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chlorobenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chloroform	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloromethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibromochloromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dimethylbenzene	0/4		5.00E-03 - 1.00E-02	NT	3.13E-03	mg/L
Ethylbenzene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Methylene chloride	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Styrene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Tetrachloroethene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Toluene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	0/10		1.00E-03 - 5.00E-03	NT	1.40E-03	mg/L
Vinyl acetate	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Vinyl chloride	0/4		5.00E-03 - 1.00E-02	NT	7.50E-03	mg/L
cis-1,2-Dichloroethene	0/3		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
cis-1,3-Dichloropropene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
trans-1,2-Dichloroethene	0/3		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
trans-1,3-Dichloropropene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Alpha activity	9/10	9.00E-01 - 6.90E+00	-1.60E+00 --1.60E+00	N	1.55E+00	pCi/L
Beta activity	10/10	1.00E+01 - 2.50E+01		L	7.62E+00	pCi/L
Neptunium-237	4/7	1.00E-01 - 5.00E-01	-4.00E-01 --1.00E-01	N	2.86E-02	pCi/L
Plutonium-239	2/7	1.00E-01 - 2.00E-01	0.00E+00 - 0.00E+00	L	1.68E-01	pCi/L
Radium-226	5/6	3.00E-01 - 1.30E+00	-7.00E-01 --7.00E-01	N	1.92E-01	pCi/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=g MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Radon-222	9/9	6.70E+01 - 1.78E+02		L	5.38E+01	pCi/L
Technetium-99	6/10	4.00E+00 - 1.30E+01	0.00E+00 - 0.00E+00	L	7.88E+00	pCi/L
Thorium-230	4/7	1.00E-01 - 5.00E-01	-1.00E-01 - 0.00E+00	N	5.71E-02	pCi/L

AREA_CODE=g MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	25/31	1.23E-01 - 1.10E+01	6.20E-01 - 1.00E+00	L	1.00E+00	mg/L
Antimony	0/36		6.00E-02 - 2.50E-01	NT	5.59E-02	mg/L
Arsenic	1/36	5.20E-03 - 5.20E-03	5.00E-03 - 5.00E-03	N	2.50E-03	mg/L
Barium	35/36	8.80E-02 - 2.00E-01	7.00E-02 - 7.00E-02	N	6.55E-02	mg/L
Beryllium	0/36		4.00E-03 - 2.50E-02	NT	4.82E-03	mg/L
Cadmium	1/36	1.20E-02 - 1.20E-02	1.00E-02 - 1.00E-01	L	1.09E-02	mg/L
Calcium	36/36	1.28E+01 - 3.19E+01		N	1.04E+01	mg/L
Chloride	33/33	1.20E+01 - 5.50E+01		N	1.82E+01	mg/L
Chromium	9/31	5.30E-02 - 9.26E-01	5.00E-02 - 6.00E-02	L	4.75E-02	mg/L
Cobalt	0/36		4.50E-02 - 1.00E-01	NT	2.59E-02	mg/L
Copper	8/36	1.00E-02 - 1.20E-01	1.00E-02 - 1.00E-01	L	9.30E-03	mg/L
Fluoride	26/26	1.20E-01 - 2.70E-01		L	1.67E-01	mg/L
Iron	32/36	6.70E-02 - 1.88E+01	3.55E-01 - 3.60E-01	L	1.97E+00	mg/L
Lead	4/25	5.10E-02 - 1.29E-01	5.00E-02 - 2.50E-01	L	4.07E-02	mg/L
Magnesium	36/36	4.81E+00 - 1.08E+01		N	4.22E+00	mg/L
Manganese	24/36	5.00E-03 - 4.09E-01	5.00E-03 - 1.00E-01	L	3.96E-02	mg/L
Mercury	0/25		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Molybdenum	0/31		5.00E-02 - 1.00E-01	NT	2.70E-02	mg/L
Nickel	10/35	5.10E-02 - 1.66E+00	5.00E-02 - 1.00E-01	L	5.86E-02	mg/L
Nitrate as Nitrogen	32/33	1.60E+00 - 4.10E+00	1.00E+00 - 1.00E+00	N	1.29E+00	mg/L
Potassium	15/35	2.02E+00 - 5.51E+00	2.00E+00 - 1.05E+01	L	2.64E+00	mg/L
Selenium	0/31		5.00E-03 - 1.50E-02	NT	2.82E-03	mg/L
Silica	30/30	7.68E+00 - 3.00E+01		N	9.68E+00	mg/L
Silver	0/10		3.00E-02 - 6.00E-02	NT	2.65E-02	mg/L
Sodium	34/34	1.33E+01 - 3.69E+01		N	1.40E+01	mg/L
Tetraoxo-sulfate(1-)	24/24	4.00E+00 - 1.10E+01		N	4.19E+00	mg/L
Thallium	0/28		5.60E-02 - 4.70E-01	NT	7.36E-02	mg/L
Uranium	1/69	2.00E-03 - 2.00E-03	1.00E-03 - 1.00E-03	N	1.01E-03	mg/L
Vanadium	21/26	5.00E-02 - 1.23E-01	4.00E-02 - 5.00E-02	L	7.62E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=g MEDIA=RGA Groundwater
(continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Zinc	17/36	5.00E-03 - 5.30E+00	5.00E-03 - 2.50E-01	L	2.68E-02	mg/L
1,1,1-Trichloroethane	0/15		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2,2-Tetrachloroethane	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/15		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethane	0/15		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethene	0/15		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethane	0/15		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethene	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloropropane	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
2-Butanone	0/3		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
2-Hexanone	0/3		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Methyl-2-pentanone	0/3		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Acetone	0/3		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Benzene	0/15		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromodichloromethane	0/15		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromoform	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromomethane	0/3		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/3		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Carbon tetrachloride	0/15		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chlorobenzene	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroethane	0/4		5.00E-03 - 1.00E-02	NT	4.38E-03	mg/L
Chloroform	0/15		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloromethane	0/3		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibromochloromethane	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dimethylbenzene	0/15		5.00E-03 - 1.00E-02	NT	3.17E-03	mg/L
Ethane	0/1		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Ethylbenzene	0/15		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Ethylene	0/1		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Methylene chloride	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Polychlorinated biphenyl	0/3		1.00E-04 - 1.70E-04	NT	1.23E-04	mg/L
Styrene	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Tetrachloroethene	0/15		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Toluene	0/15		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	2/48	1.00E-03 - 1.00E-03	1.00E-03 - 5.00E-03	N	1.25E-03	mg/L
Vinyl acetate	0/3		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Vinyl chloride	0/15		5.00E-03 - 1.00E-02	NT	7.00E-03	mg/L
cis-1,2-Dichloroethene	0/12		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
cis-1,3-Dichloropropene	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
trans-1,2-Dichloroethene	0/12		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
trans-1,3-Dichloropropene	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=g MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Alpha activity	147/205	1.00E-01 - 1.13E+01	-9.60E+00 - 1.00E+03	L	2.61E+00	pCi/L
Beta activity	174/205	1.00E+00 - 3.60E+01	-4.00E+00 - 1.00E+03	N	7.41E+00	pCi/L
Neptunium-237	11/21	1.00E-01 - 8.00E-01	-4.00E-01 - 0.00E+00	N	4.29E-02	pCi/L
Plutonium-239	4/21	1.00E-01 - 1.00E-01	0.00E+00 - 0.00E+00	N	9.52E-03	pCi/L
Radium-226	11/18	2.00E-01 - 1.30E+00	-1.00E+00 - 0.00E+00	L	5.50E-01	pCi/L
Radon-222	138/138	5.50E+01 - 1.97E+03		L	2.81E+02	pCi/L
Technetium-99	59/583	1.00E+00 - 2.90E+01	-3.90E+00 - 2.50E+01	N	2.24E+01	pCi/L
Thorium-230	17/21	1.00E-01 - 1.10E+00	0.00E+00 - 0.00E+00	N	2.10E-01	pCi/L

AREA_CODE=g MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	8/9	1.06E-01 - 2.22E+00	6.20E-01 - 6.20E-01	L	5.25E-01	mg/L
Antimony	0/9		6.00E-02 - 1.80E-01	NT	3.67E-02	mg/L
Arsenic	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Barium	8/9	4.00E-02 - 6.20E-02	7.00E-02 - 7.00E-02	N	2.66E-02	mg/L
Beryllium	0/9		4.00E-03 - 1.50E-02	NT	3.00E-03	mg/L
Cadmium	0/9		1.00E-02 - 2.50E-02	NT	5.83E-03	mg/L
Calcium	9/9	5.36E+00 - 4.80E+01		L	1.02E+01	mg/L
Chloride	8/9	7.00E+00 - 6.88E+01	2.00E+00 - 2.00E+00	L	2.66E+01	mg/L
Chromium	2/9	7.00E-02 - 1.18E-01	5.00E-02 - 6.00E-02	L	4.17E-02	mg/L
Cobalt	0/9		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Copper	2/9	1.00E-02 - 1.50E-02	1.00E-02 - 2.50E-02	L	9.32E-03	mg/L
Fluoride	6/8	1.00E-01 - 1.50E-01	1.00E-01 - 1.00E-01	L	1.24E-01	mg/L
Iron	6/9	1.60E-02 - 1.70E+00	1.00E-02 - 3.60E-01	L	2.08E-01	mg/L
Lead	0/7		5.00E-02 - 2.50E-01	NT	3.93E-02	mg/L
Magnesium	9/9	2.75E+00 - 1.70E+01		L	3.98E+00	mg/L
Manganese	9/9	5.00E-03 - 1.50E+00		L	1.67E-01	mg/L
Mercury	0/7		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Molybdenum	0/9		5.00E-02 - 5.50E-02	NT	2.53E-02	mg/L
Nickel	0/9		5.00E-02 - 1.00E-01	NT	2.78E-02	mg/L
Nitrate as Nitrogen	6/9	2.80E+00 - 7.80E+00	1.00E+00 - 1.00E+00	N	2.03E+00	mg/L
Potassium	3/9	2.45E+00 - 8.10E+00	2.00E+00 - 2.00E+00	L	2.18E+00	mg/L
Selenium	0/7		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Silica	9/9	1.50E+01 - 3.00E+01		N	1.18E+01	mg/L
Sodium	9/9	7.56E+00 - 5.50E+01		L	1.29E+01	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=g MEDIA=UCRS Groundwater
(continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Tetraoxo-sulfate(1-)	6/6	3.10E+01 - 2.38E+02		N	4.58E+01	mg/L
Thallium	0/9		5.60E-02 - 4.70E-01	NT	5.26E-02	mg/L
Uranium	0/9		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vanadium	4/9	5.40E-02 - 1.40E-01	5.00E-02 - 5.00E-02	L	6.60E-02	mg/L
Zinc	4/9	7.00E-03 - 6.20E-02	5.00E-03 - 3.00E-02	L	1.21E-02	mg/L
1,1,1-Trichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2,2-Tetrachloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/2		5.00E-03 - 5.00E-01	NT	1.26E-01	mg/L
1,1-Dichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethane	0/2		5.00E-03 - 5.00E-01	NT	1.26E-01	mg/L
1,2-Dichloroethene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloropropane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
2-Butanone	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
2-Hexanone	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Methyl-2-pentanone	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Acetone	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Benzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromodichloromethane	0/2		5.00E-03 - 5.00E-01	NT	1.26E-01	mg/L
Bromoform	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromomethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Carbon tetrachloride	0/2		5.00E-03 - 5.00E-01	NT	1.26E-01	mg/L
Chlorobenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chloroform	0/2		5.00E-03 - 5.00E-01	NT	1.26E-01	mg/L
Chloromethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibromochloromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dimethylbenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Ethylbenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Methylene chloride	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Styrene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Tetrachloroethene	0/2		5.00E-03 - 5.00E-01	NT	1.26E-01	mg/L
Toluene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	0/12		1.00E-03 - 1.00E-01	NT	9.58E-03	mg/L
Vinyl acetate	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Vinyl chloride	0/2		1.00E-02 - 1.00E+00	NT	5.05E-01	mg/L
cis-1,2-Dichloroethene	0/1		5.00E-01 - 5.00E-01	NT	5.00E-01	mg/L
cis-1,3-Dichloropropene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
trans-1,2-Dichloroethene	0/1		5.00E-01 - 5.00E-01	NT	5.00E-01	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=g MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
trans-1,3-Dichloropropene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Alpha activity	6/12	9.00E-01 - 4.70E+00	-3.10E+00 - 1.00E+03	L	2.88E+00	pCi/L
Beta activity	11/12	3.00E+00 - 3.30E+01	1.00E+03 - 1.00E+03	L	1.32E+01	pCi/L
Neptunium-237	2/7	2.00E-01 - 2.00E-01	-5.00E-01 - 0.00E+00	N	-5.71E-02	pCi/L
Plutonium-239	1/7	2.00E-01 - 2.00E-01	0.00E+00 - 0.00E+00	N	1.43E-02	pCi/L
Radium-226	4/6	4.00E-01 - 1.60E+00	-9.00E-01 --8.00E-01	N	1.17E-01	pCi/L
Radon-222	7/7	3.72E+02 - 6.95E+02		L	2.65E+02	pCi/L
Technetium-99	11/11	5.00E+00 - 3.80E+01		N	1.99E+01	pCi/L
Thorium-230	3/7	3.00E-01 - 4.00E-01	0.00E+00 - 0.00E+00	N	7.86E-02	pCi/L

AREA_CODE=h MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	6/9	1.14E-01 - 3.44E-01	6.25E-01 - 7.50E-01	L	2.41E-01	mg/L
Antimony	0/10		6.00E-02 - 2.50E-01	NT	5.85E-02	mg/L
Arsenic	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Barium	9/10	1.46E-01 - 1.71E-01	7.00E-02 - 7.00E-02	N	7.36E-02	mg/L
Beryllium	0/10		4.00E-03 - 2.50E-02	NT	4.95E-03	mg/L
Cadmium	0/10		1.00E-02 - 1.00E-01	NT	1.18E-02	mg/L
Calcium	10/10	2.41E+01 - 2.98E+01		L	1.33E+01	mg/L
Chloride	10/10	8.80E+00 - 1.10E+01		L	4.86E+00	mg/L
Chromium	0/8		5.00E-02 - 6.00E-02	NT	2.63E-02	mg/L
Cobalt	0/10		4.50E-02 - 1.00E-01	NT	2.68E-02	mg/L
Copper	0/10		1.00E-02 - 1.00E-01	NT	1.18E-02	mg/L
Fluoride	9/9	2.10E-01 - 3.30E-01		N	2.98E-01	mg/L
Iron	10/10	1.68E+00 - 6.14E+00		L	1.55E+00	mg/L
Lead	0/8		5.00E-02 - 2.50E-01	NT	5.00E-02	mg/L
Magnesium	10/10	7.84E+00 - 9.76E+00		N	4.48E+00	mg/L
Manganese	10/10	8.20E-02 - 1.41E-01		N	5.65E-02	mg/L
Mercury	0/8		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Molybdenum	0/9		5.00E-02 - 1.00E-01	NT	2.83E-02	mg/L
Nickel	0/10		5.00E-02 - 1.00E-01	NT	3.50E-02	mg/L
Nitrate as Nitrogen	1/10	1.40E+00 - 1.40E+00	1.00E+00 - 1.00E+00	N	5.20E-01	mg/L
Potassium	9/10	5.80E+00 - 1.44E+01	1.05E+01 - 1.05E+01	L	9.23E+00	mg/L
Selenium	0/10		5.00E-03 - 1.00E-02	NT	2.75E-03	mg/L
Silica	9/9	1.60E+01 - 3.60E+01		N	1.46E+01	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=h MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Silver	0/3		5.00E-02 - 6.00E-02	NT	2.83E-02	mg/L
Sodium	10/10	1.41E+01 - 1.72E+01		L	7.64E+00	mg/L
Tetraoxo-sulfate(1-)	8/8	1.00E+01 - 1.40E+01		L	5.57E+00	mg/L
Thallium	0/7		5.60E-02 - 4.70E-01	NT	5.90E-02	mg/L
Uranium	0/11		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vanadium	6/7	5.20E-02 - 9.70E-02	5.00E-02 - 5.00E-02	N	3.59E-02	mg/L
Zinc	4/10	6.00E-03 - 1.90E-02	5.00E-03 - 2.50E-01	L	1.04E-02	mg/L
1,1,1-Trichloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Benzene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromodichloromethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Carbon tetrachloride	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroform	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dimethylbenzene	0/4		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Ethylbenzene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Polychlorinated biphenyl	0/1		1.00E-04 - 1.00E-04	NT	1.00E-04	mg/L
Tetrachloroethene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Toluene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	0/11		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vinyl chloride	0/4		5.00E-03 - 1.00E-02	NT	6.25E-03	mg/L
cis-1,2-Dichloroethene	0/4		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
trans-1,2-Dichloroethene	0/4		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
Alpha activity	9/12	9.00E-01 - 1.89E+01	-3.30E+00 --1.20E+00	L	5.55E+00	pCi/L
Beta activity	12/12	3.00E+00 - 3.10E+01		N	7.41E+00	pCi/L
Neptunium-237	2/7	1.00E-01 - 2.00E-01	-7.00E-01 --1.00E-01	L	1.68E-01	pCi/L
Plutonium-239	1/7	1.00E-01 - 1.00E-01	0.00E+00 - 0.00E+00	N	7.14E-03	pCi/L
Radium-226	6/7	2.00E-01 - 1.30E+00	-6.00E-01 --6.00E-01	L	7.01E-01	pCi/L
Radon-222	9/9	1.30E+02 - 3.33E+02		N	1.09E+02	pCi/L
Technetium-99	9/12	1.00E+00 - 2.10E+01	0.00E+00 - 0.00E+00	L	8.10E+00	pCi/L
Thorium-230	4/7	1.00E-01 - 2.30E+00	0.00E+00 - 0.00E+00	L	5.62E-01	pCi/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=h MEDIA=Other Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	24/28	1.16E-01 - 1.41E+00	6.20E-01 - 6.30E-01	L	3.32E-01	mg/L
Antimony	1/28	6.40E-02 - 6.40E-02	6.00E-02 - 1.85E-01	L	3.82E-02	mg/L
Arsenic	0/28		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Barium	25/28	3.80E-02 - 1.47E-01	7.00E-02 - 2.00E-01	N	4.98E-02	mg/L
Beryllium	0/28		4.00E-03 - 1.50E-02	NT	3.14E-03	mg/L
Cadmium	0/28		1.00E-02 - 2.50E-02	NT	6.07E-03	mg/L
Calcium	28/28	7.99E+00 - 1.91E+01		N	7.39E+00	mg/L
Chloride	28/28	5.00E+00 - 5.90E+01		N	1.71E+01	mg/L
Chromium	1/28	9.40E-02 - 9.40E-02	1.00E-02 - 6.00E-02	N	2.58E-02	mg/L
Cobalt	0/28		4.50E-02 - 5.00E-02	NT	2.46E-02	mg/L
Copper	5/27	1.20E-02 - 4.80E-02	1.00E-02 - 2.50E-02	L	7.38E-03	mg/L
Fluoride	27/27	1.50E-01 - 2.90E+00		L	8.44E-01	mg/L
Iron	21/28	1.60E-02 - 3.83E+00	1.00E-02 - 3.60E-01	L	2.42E-01	mg/L
Lead	0/28		5.00E-02 - 2.50E-01	NT	3.93E-02	mg/L
Magnesium	28/28	2.85E+00 - 7.12E+00		N	2.79E+00	mg/L
Manganese	12/28	7.00E-03 - 6.02E+00	5.00E-03 - 2.00E-02	L	1.27E-02	mg/L
Mercury	1/26	3.80E-03 - 3.80E-03	2.00E-04 - 2.00E-04	N	1.69E-04	mg/L
Molybdenum	0/28		4.00E-02 - 5.50E-02	NT	2.52E-02	mg/L
Nickel	2/28	5.60E-02 - 7.20E-02	5.00E-02 - 1.00E-01	L	3.31E-02	mg/L
Nitrate as Nitrogen	25/28	1.10E+00 - 4.60E+00	1.00E+00 - 1.00E+00	L	2.48E+00	mg/L
Potassium	1/28	3.88E+00 - 3.88E+00	2.00E+00 - 2.00E+00	N	1.03E+00	mg/L
Selenium	0/28		5.00E-03 - 1.50E-02	NT	2.68E-03	mg/L
Silica	28/28	6.00E+00 - 2.20E+01		N	7.57E+00	mg/L
Sodium	28/28	5.06E+01 - 8.97E+01		L	3.36E+01	mg/L
Tetraoxo-sulfate(1-)	19/19	6.00E+00 - 4.88E+01		L	9.55E+00	mg/L
Thallium	1/28	7.50E-02 - 7.50E-02	1.00E-02 - 4.70E-01	L	5.35E-02	mg/L
Uranium	0/26		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vanadium	18/28	5.10E-02 - 4.98E+00	4.10E-02 - 5.00E-02	L	8.08E-02	mg/L
Zinc	13/28	6.00E-03 - 3.80E-02	5.00E-03 - 3.00E-02	L	1.30E-02	mg/L
1,1,1-Trichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L

529657

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=h MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Benzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromodichloromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Carbon tetrachloride	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroform	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dimethylbenzene	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Ethylbenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Polychlorinated biphenyl	0/1		1.70E-04 - 1.70E-04	NT	1.70E-04	mg/L
Tetrachloroethene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Toluene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	0/29		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vinyl chloride	0/1		1.00E-02 - 1.00E-02	NT	1.00E-02	mg/L
cis-1,2-Dichloroethene	0/1		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
trans-1,2-Dichloroethene	0/1		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
Alpha activity	21/28	4.00E-01 - 7.40E+00	-6.70E+00 --2.00E-01	L	2.56E+00	pCi/L
Beta activity	28/28	1.00E+00 - 1.30E+01		L	2.56E+00	pCi/L
Neptunium-237	10/28	1.00E-01 - 8.00E-01	-1.00E+00 - 0.00E+00	L	3.47E-01	pCi/L
Plutonium-239	6/27	1.00E-01 - 1.00E-01	0.00E+00 - 0.00E+00	N	1.11E-02	pCi/L
Radium-226	19/24	1.00E-01 - 9.00E-01	-1.00E+00 - 0.00E+00	L	4.25E-01	pCi/L
Radon-222	28/28	3.20E+02 - 5.29E+03		L	3.46E+02	pCi/L
Technetium-99	20/28	2.00E+00 - 2.20E+01	0.00E+00 - 0.00E+00	L	1.18E+01	pCi/L
Thorium-230	23/28	1.00E-01 - 1.60E+00	-5.00E-01 - 0.00E+00	N	2.20E-01	pCi/L

AREA_CODE=h MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	6/8	1.51E-01 - 2.31E+00	6.25E-01 - 7.50E-01	L	1.10E+00	mg/L
Antimony	0/11		6.00E-02 - 2.50E-01	NT	6.43E-02	mg/L
Arsenic	1/10	7.00E-03 - 7.00E-03	5.00E-03 - 5.00E-03	N	2.60E-03	mg/L
Barium	10/11	3.00E-02 - 2.82E-01	7.00E-02 - 7.00E-02	N	7.26E-02	mg/L
Beryllium	0/11		4.00E-03 - 2.50E-02	NT	5.64E-03	mg/L
Cadmium	0/11		1.00E-02 - 1.00E-01	NT	1.52E-02	mg/L
Calcium	11/11	1.43E+01 - 5.65E+01		L	1.44E+01	mg/L
Chloride	9/9	4.70E+01 - 1.09E+02		N	3.58E+01	mg/L
Chromium	3/8	6.20E-02 - 2.32E-01	5.00E-02 - 6.00E-02	L	6.62E-02	mg/L
Cobalt	0/11		4.50E-02 - 1.00E-01	NT	2.89E-02	mg/L
Copper	2/11	3.50E-02 - 5.30E-02	1.00E-02 - 1.00E-01	L	9.52E-03	mg/L

526658

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=h MEDIA=RGA Groundwater
(continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Fluoride	7/7	2.10E-01 - 2.60E-01		N	2.36E-01	mg/L
Iron	10/11	3.00E-02 - 4.68E+01	3.55E-01 - 3.55E-01	L	2.33E+00	mg/L
Lead	0/3		5.00E-02 - 2.50E-01	NT	9.17E-02	mg/L
Magnesium	11/11	6.51E+00 - 1.87E+01		L	5.75E+00	mg/L
Manganese	9/11	5.00E-03 - 1.42E-01	5.00E-03 - 2.00E-02	N	3.16E-02	mg/L
Mercury	0/3		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Molybdenum	0/8		5.00E-02 - 1.00E-01	NT	3.16E-02	mg/L
Nickel	2/11	5.00E-02 - 6.50E-02	5.00E-02 - 1.00E-01	L	5.04E-02	mg/L
Nitrate as Nitrogen	9/9	2.20E+00 - 3.83E+01		L	4.28E+00	mg/L
Potassium	1/11	2.20E+00 - 2.20E+00	2.00E+00 - 1.05E+01	L	2.04E+00	mg/L
Selenium	0/6		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Silica	7/7	1.30E+01 - 2.00E+01		N	8.50E+00	mg/L
Silver	0/6		3.00E-02 - 6.00E-02	NT	2.58E-02	mg/L
Sodium	10/10	3.71E+01 - 6.96E+01		L	2.67E+01	mg/L
Tetraoxo-sulfate(1-)	9/9	5.00E+00 - 2.26E+01		N	6.74E+00	mg/L
Thallium	0/5		5.60E-02 - 6.00E-02	NT	2.96E-02	mg/L
Uranium	2/24	2.00E-03 - 1.60E-02	1.00E-03 - 1.00E-03	L	4.54E-05	mg/L
Vanadium	4/5	6.40E-02 - 1.47E-01	5.00E-02 - 5.00E-02	N	4.76E-02	mg/L
Zinc	4/11	8.00E-03 - 4.40E-02	5.00E-03 - 2.50E-01	L	1.16E-02	mg/L
1,1,1-Trichloroethane	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethane	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethene	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethane	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Benzene	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromodichloromethane	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Carbon tetrachloride	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroethane	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroform	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dimethylbenzene	0/10		5.00E-03 - 1.00E-02	NT	3.00E-03	mg/L
Ethane	0/2		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Ethylbenzene	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Ethylene	0/2		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Polychlorinated biphenyl	0/2		1.00E-04 - 1.70E-04	NT	1.35E-04	mg/L
Tetrachloroethene	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Toluene	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	2/28	1.00E-03 - 3.00E-03	1.00E-03 - 1.00E-03	N	1.07E-03	mg/L
Vinyl chloride	0/10		5.00E-03 - 1.00E-02	NT	6.00E-03	mg/L
cis-1,2-Dichloroethene	1/10	2.40E-03 - 2.40E-03	5.00E-03 - 5.00E-03	N	4.74E-03	mg/L
trans-1,2-Dichloroethene	0/10		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L

526659

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=h MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Alpha activity	125/173	1.00E-01 - 3.14E+01	-1.05E+01 - 1.00E+03	L	2.26E+00	pCi/L
Beta activity	147/173	4.20E-01 - 5.70E+01	-7.00E+00 - 1.00E+03	L	7.60E+00	pCi/L
Radon-222	57/57	8.00E-01 - 1.06E+03		N	1.42E+02	pCi/L
Technetium-99	97/415	2.00E-01 - 3.40E+01	-1.51E+01 - 2.50E+01	N	1.79E+01	pCi/L

AREA_CODE=h MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	2/2	2.41E-01 - 1.64E+00		N	4.70E-01	mg/L
Antimony	0/3		6.00E-02 - 1.85E-01	NT	5.08E-02	mg/L
Arsenic	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Barium	3/3	9.30E-02 - 1.12E-01		N	5.08E-02	mg/L
Beryllium	0/3		5.00E-03 - 1.50E-02	NT	4.17E-03	mg/L
Cadmium	0/3		1.00E-02 - 2.50E-02	NT	7.50E-03	mg/L
Calcium	3/3	2.25E+01 - 2.63E+01		N	1.24E+01	mg/L
Chloride	3/3	2.03E+01 - 3.30E+01		N	1.36E+01	mg/L
Chromium	0/3		5.00E-02 - 6.00E-02	NT	2.67E-02	mg/L
Cobalt	0/3		4.50E-02 - 5.00E-02	NT	2.42E-02	mg/L
Copper	0/3		1.00E-02 - 2.50E-02	NT	7.50E-03	mg/L
Fluoride	3/3	2.10E-01 - 2.30E-01		N	2.20E-01	mg/L
Iron	3/3	2.34E-01 - 2.01E+00		N	6.81E-01	mg/L
Lead	0/1		2.50E-01 - 2.50E-01	NT	1.25E-01	mg/L
Magnesium	3/3	8.40E+00 - 9.45E+00		N	4.47E+00	mg/L
Manganese	3/3	3.70E-02 - 7.80E-02		N	2.58E-02	mg/L
Mercury	0/1		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Molybdenum	0/2		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Nickel	3/3	2.40E-01 - 5.70E-01		N	1.82E-01	mg/L
Nitrate as Nitrogen	3/3	1.20E+00 - 2.80E+00		N	9.33E-01	mg/L
Potassium	2/3	3.11E+00 - 5.14E+00	1.05E+01 - 1.05E+01	N	3.13E+00	mg/L
Selenium	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Silica	2/2	2.40E+01 - 3.90E+01		N	1.58E+01	mg/L
Silver	0/1		6.00E-02 - 6.00E-02	NT	3.00E-02	mg/L
Sodium	3/3	4.46E+01 - 4.52E+01		N	2.25E+01	mg/L
Tetraoxo-sulfate(1-)	3/3	1.50E+01 - 4.10E+01		N	1.34E+01	mg/L
Thallium	0/2		5.60E-02 - 6.00E-02	NT	2.90E-02	mg/L
Uranium	0/6		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L

526660

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=h MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Vanadium	2/2	8.00E-02 - 8.00E-02		N	4.00E-02	mg/L
Zinc	1/3	1.80E-02 - 1.80E-02	5.00E-03 - 3.00E-02	N	8.83E-03	mg/L
1,1,1-Trichloroethane	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethane	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethene	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethane	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Benzene	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromodichloromethane	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Carbon tetrachloride	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroform	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dimethylbenzene	0/3		5.00E-03 - 1.00E-02	NT	3.33E-03	mg/L
Ethylbenzene	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Polychlorinated biphenyl	0/1		1.70E-04 - 1.70E-04	NT	1.70E-04	mg/L
Tetrachloroethene	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Toluene	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	0/10		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vinyl chloride	0/3		5.00E-03 - 1.00E-02	NT	6.67E-03	mg/L
cis-1,2-Dichloroethene	0/3		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
trans-1,2-Dichloroethene	0/3		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
Alpha activity	8/11	1.10E+00 - 5.40E+00	-4.50E+00 - 1.00E+03	L	3.03E+00	pCi/L
Beta activity	11/11	3.00E+00 - 1.50E+01		L	3.91E+00	pCi/L
Radon-222	1/1	2.68E+02 - 2.68E+02		NT	1.34E+02	pCi/L
Technetium-99	8/11	3.00E+00 - 2.20E+01	0.00E+00 - 0.00E+00	N	9.73E+00	pCi/L

AREA_CODE=i MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	2/2	2.04E-01 - 3.84E-01		N	1.47E-01	mg/L
Antimony	0/3		6.00E-02 - 1.85E-01	NT	5.08E-02	mg/L
Arsenic	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Barium	3/3	1.10E-01 - 1.45E-01		N	6.57E-02	mg/L
Beryllium	0/3		5.00E-03 - 1.50E-02	NT	4.17E-03	mg/L
Cadmium	0/3		1.00E-02 - 2.50E-02	NT	7.50E-03	mg/L
Calcium	3/3	3.84E+01 - 4.10E+01		N	1.97E+01	mg/L
Chloride	3/3	1.37E+01 - 3.10E+01		N	1.01E+01	mg/L

526661

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=i MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Chromium	0/3		5.00E-02 - 6.00E-02	NT	2.67E-02	mg/L
Cobalt	0/3		4.50E-02 - 5.00E-02	NT	2.42E-02	mg/L
Copper	0/3		1.00E-02 - 2.50E-02	NT	7.50E-03	mg/L
Fluoride	3/3	2.10E-01 - 2.50E-01		N	2.30E-01	mg/L
Iron	2/3	2.22E-01 - 4.01E-01	3.60E-01 - 3.60E-01	N	1.64E-01	mg/L
Lead	0/1		6.00E-02 - 6.00E-02	NT	3.00E-02	mg/L
Magnesium	3/3	1.53E+01 - 1.76E+01		N	8.23E+00	mg/L
Manganese	3/3	1.80E-01 - 9.83E-01		N	3.48E-01	mg/L
Mercury	0/1		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Molybdenum	0/2		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Nickel	0/3		5.00E-02 - 1.00E-01	NT	3.33E-02	mg/L
Nitrate as Nitrogen	1/3	2.30E+00 - 2.30E+00	1.00E+00 - 1.00E+00	N	7.17E-01	mg/L
Potassium	3/3	3.82E+00 - 1.14E+01		N	3.22E+00	mg/L
Selenium	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Silica	2/2	2.60E+01 - 2.80E+01		N	1.35E+01	mg/L
Silver	0/1		6.00E-02 - 6.00E-02	NT	3.00E-02	mg/L
Sodium	3/3	2.25E+01 - 2.44E+01		N	1.17E+01	mg/L
Tetraoxo-sulfate(1-)	3/3	1.30E+01 - 1.80E+01		N	7.97E+00	mg/L
Thallium	0/2		5.60E-02 - 6.00E-02	NT	2.90E-02	mg/L
Uranium	1/7	1.00E-03 - 1.00E-03	1.00E-03 - 1.00E-03	N	1.00E-03	mg/L
Vanadium	1/2	1.87E-01 - 1.87E-01	5.00E-02 - 5.00E-02	N	5.93E-02	mg/L
Zinc	0/3		5.00E-03 - 3.00E-02	NT	6.67E-03	mg/L
1,1,1-Trichloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Benzene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromodichloromethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Carbon tetrachloride	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroform	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dimethylbenzene	0/4		5.00E-03 - 1.00E-02	NT	3.75E-03	mg/L
Ethylbenzene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Polychlorinated biphenyl	0/1		1.00E-04 - 1.00E-04	NT	1.00E-04	mg/L
Tetrachloroethene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Toluene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	0/9		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vinyl chloride	0/4		5.00E-03 - 1.00E-02	NT	6.25E-03	mg/L
cis-1,2-Dichloroethene	0/4		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
trans-1,2-Dichloroethene	0/4		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=i MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Alpha activity	7/10	7.00E-01 - 4.10E+00	-3.60E+00 --4.90E-01	L	2.13E+00	pCi/L
Beta activity	10/10	4.00E+00 - 2.10E+01		L	5.57E+00	pCi/L
Radon-222	1/1	6.40E+01 - 6.40E+01		NT	3.20E+01	pCi/L
Technetium-99	8/10	3.00E+00 - 2.20E+01	-2.00E+00 - 0.00E+00	L	9.73E+00	pCi/L

AREA_CODE=i MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	86/110	2.80E-02 - 4.85E+01	2.00E-02 - 6.20E-01	L	8.09E-01	mg/L
Antimony	6/412	1.70E-03 - 2.73E-01	1.30E-03 - 2.50E-01	N	7.88E-02	mg/L
Arsenic	17/476	1.80E-03 - 3.60E-02	5.00E-03 - 5.00E-03	N	2.62E-03	mg/L
Barium	454/476	2.40E-02 - 1.66E+00	3.50E-02 - 7.00E-02	N	9.64E-02	mg/L
Beryllium	28/412	2.00E-04 - 8.00E-03	1.00E-04 - 2.50E-02	N	7.54E-03	mg/L
Bicarbonate	3/3	1.81E+02 - 2.37E+02		N	1.01E+02	mg/L
Boron	34/48	3.00E-02 - 1.54E+00	3.00E-02 - 3.00E-02	L	1.63E-01	mg/L
Cadmium	7/483	1.00E-04 - 1.80E-02	5.00E-04 - 2.50E-02	N	3.73E-03	mg/L
Calcium	147/148	5.79E+00 - 6.85E+01	2.06E+01 - 2.06E+01	L	2.89E+01	mg/L
Carbonate	0/3		1.00E+00 - 1.00E+00	NT	5.00E-01	mg/L
Cerium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	N	4.00E-02	mg/L
Chloride	480/483	9.00E+00 - 1.62E+02	2.00E+01 - 2.00E+01	N	1.95E+01	mg/L
Chromium	195/488	3.10E-03 - 2.51E+01	2.00E-03 - 1.32E+00	N	2.07E-01	mg/L
Chromium, hexavalent	0/8		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Cobalt	36/412	3.40E-03 - 8.40E-02	5.00E-03 - 1.00E-01	N	2.74E-02	mg/L
Copper	42/478	4.00E-03 - 3.10E-01	4.00E-03 - 1.00E-01	N	2.83E-02	mg/L
Cyanide	0/20		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Fluoride	169/175	1.00E-01 - 7.10E-01	1.00E-01 - 1.00E-01	L	2.01E-01	mg/L
Gallium	24/48	9.00E-02 - 9.00E-02	9.00E-02 - 9.00E-02	N	4.50E-02	mg/L
Iron	419/484	1.00E-02 - 1.69E+02	5.00E-03 - 2.88E+00	L	2.54E+00	mg/L
Lead	8/445	4.00E-03 - 1.26E-01	3.00E-03 - 2.50E-01	N	2.88E-02	mg/L
Lithium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	N	4.00E-02	mg/L
Magnesium	148/148	1.31E+00 - 3.49E+01		N	5.12E+00	mg/L
Manganese	121/148	7.00E-03 - 1.49E+01	5.00E-03 - 2.00E-02	L	1.05E-01	mg/L
Mercury	2/434	3.00E-04 - 3.00E-04	2.00E-04 - 2.00E-03	N	1.21E-04	mg/L
Molybdenum	24/87	3.00E-02 - 3.00E-02	3.00E-02 - 5.50E-02	N	1.96E-02	mg/L
Nickel	161/478	1.00E-02 - 1.89E+00	1.00E-02 - 1.00E-01	N	6.74E-02	mg/L
Nitrate as Nitrogen	391/477	6.20E-01 - 4.80E+00	1.00E+00 - 1.00E+00	N	7.73E-01	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=i MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Potassium	69/133	1.39E+00 - 2.21E+01	2.00E+00 - 1.05E+01	N	2.17E+00	mg/L
Selenium	3/444	5.00E-03 - 9.00E-03	1.40E-03 - 1.00E-02	N	2.50E-03	mg/L
Silica	22/22	9.00E+00 - 3.40E+01		N	1.09E+01	mg/L
Silver	15/437	1.00E-03 - 9.70E-02	7.00E-04 - 6.00E-02	N	2.05E-02	mg/L
Sodium	477/477	1.99E+01 - 7.64E+01		L	2.04E+01	mg/L
Strontium	54/54	6.50E-02 - 1.70E-01		L	5.77E-02	mg/L
Sulfate	73/88	5.40E+00 - 2.21E+02	5.00E+00 - 1.00E+01	L	3.13E+01	mg/L
Sulfide	0/20		1.00E+00 - 1.00E+01	NT	2.75E+00	mg/L
Tetraoxo-sulfate(1-)	104/113	5.00E+00 - 3.98E+02	5.00E+00 - 5.00E+00	N	1.18E+01	mg/L
Thallium	0/378		1.50E-03 - 4.70E-01	NT	1.18E-01	mg/L
Thorium	24/48	5.00E-02 - 5.00E-02	5.00E-02 - 5.00E-02	N	2.50E-02	mg/L
Tin	0/20		1.00E-02 - 4.00E+00	NT	1.00E+00	mg/L
Titanium	27/48	6.00E-02 - 2.20E-01	6.00E-02 - 6.00E-02	N	3.31E-02	mg/L
Total Phosphate as Phosphorus	0/8		2.00E+00 - 2.00E+00	NT	1.00E+00	mg/L
Uranium	13/506	1.00E-03 - 2.40E-02	1.00E-03 - 1.00E-03	N	1.07E-03	mg/L
Vanadium	117/385	4.00E-03 - 4.28E-01	5.00E-03 - 5.00E-01	N	6.69E-02	mg/L
Zinc	128/476	5.00E-03 - 4.60E-01	5.00E-03 - 5.00E-01	N	5.22E-02	mg/L
Zirconium	24/48	2.00E-02 - 2.00E-02	2.00E-02 - 2.00E-02	N	1.00E-02	mg/L
1,1,1,2-Tetrachloroethane	0/340		5.00E-05 - 1.00E-02	NT	2.34E-03	mg/L
1,1,1-Trichloroethane	1/508	4.00E-03 - 4.00E-03	5.00E-05 - 1.00E-02	N	2.39E-03	mg/L
1,1,2,2-Tetrachloroethane	0/404		5.00E-05 - 1.00E-02	NT	2.36E-03	mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	0/51		1.00E-03 - 5.00E-03	NT	2.03E-03	mg/L
1,1,2-Trichloroethane	0/522		5.00E-05 - 5.00E-03	NT	2.35E-03	mg/L
1,1-Dichloroethane	0/506		5.00E-05 - 5.00E-03	NT	2.34E-03	mg/L
1,1-Dichloroethene	0/509		5.00E-05 - 5.00E-03	NT	2.34E-03	mg/L
1,1-Dichloropropene	0/20		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
1,2,3-Trichloropropane	0/404		5.00E-05 - 1.50E-02	NT	2.75E-03	mg/L
1,2,4,5-Tetrachlorobenzene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,2,4-Trichlorobenzene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
1,2-Dibromo-3-chloropropane	0/308		5.00E-05 - 1.00E-02	NT	2.42E-03	mg/L
1,2-Dibromoethane	0/328		5.00E-05 - 1.00E-02	NT	2.26E-03	mg/L
1,2-Dichlorobenzene	1/342	5.70E-05 - 5.70E-05	5.00E-05 - 2.00E-02	N	2.44E-03	mg/L
1,2-Dichloroethane	0/524		5.00E-05 - 5.00E-03	NT	2.33E-03	mg/L
1,2-Dichloroethene	4/23	1.00E-03 - 2.00E-03	1.00E-03 - 1.00E-02	L	9.49E-04	mg/L
1,2-Dichloropropane	0/340		5.00E-05 - 1.00E-02	NT	2.34E-03	mg/L
1,3,5-Trimethylbenzene	1/1	2.00E-04 - 2.00E-04		NT	1.00E-04	mg/L
1,3,5-Trinitrobenzene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,3-Dichlorobenzene	0/35		1.00E-03 - 2.00E-02	NT	3.47E-03	mg/L
1,3-Dichloropropane	0/20		3.00E-04 - 3.00E-04	NT	1.50E-04	mg/L
1,3-Dinitrobenzene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=i MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,4-Dichlorobenzene	1/342	6.20E-05 - 6.20E-05	5.00E-05 - 2.00E-02	N	2.44E-03	mg/L
1,4-Difluorobenzene	0/13		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,4-Dioxane	0/20		1.00E-02 - 1.50E-01	NT	4.00E-02	mg/L
1,4-Naphthoquinone	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1-Naphthalenamine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,2-Dichloropropane	0/20		5.00E-04 - 5.00E-04	NT	2.50E-04	mg/L
2,3,4,6-Tetrachlorophenol	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4,5-T	0/20		2.34E-05 - 1.07E-03	NT	2.73E-04	mg/L
2,4,5-Trichlorophenol	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
2,4,6-Trichlorophenol	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
2,4-D	0/20		4.67E-05 - 1.07E-02	NT	2.69E-03	mg/L
2,4-Dichlorophenol	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
2,4-Dimethylphenol	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
2,4-Dinitrophenol	0/22		1.00E-02 - 5.00E-02	NT	1.43E-02	mg/L
2,4-Dinitrotoluene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
2,6-Dichlorophenol	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,6-Dinitrotoluene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
2-Acetylaminofluorene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Butanone	42/372	2.00E-03 - 5.10E-02	5.00E-03 - 1.00E-01	N	7.53E-03	mg/L
2-Chloro-1,3-butadiene	0/20		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
2-Chloroethyl vinyl ether	0/372		1.00E-03 - 2.00E-02	NT	3.33E-03	mg/L
2-Chloronaphthalene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
2-Chlorophenol	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
2-Hexanone	0/404		2.00E-03 - 5.00E-02	NT	5.51E-03	mg/L
2-Methyl-4,6-dinitrophenol	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
2-Methylnaphthalene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
2-Methylphenol	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
2-Naphthalenamine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Nitrobenzenamine	0/22		1.00E-02 - 5.00E-02	NT	1.43E-02	mg/L
2-Nitrophenol	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
3,3'-Dichlorobenzidine	0/22		1.00E-02 - 2.00E-02	NT	7.50E-03	mg/L
3,3'-Dimethylbenzidine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
3-Methylcholanthrene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
3-Methylphenol	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
3-Nitrobenzenamine	0/22		1.00E-02 - 5.00E-02	NT	1.43E-02	mg/L
4,4'-DDD	0/20		1.00E-04 - 1.00E-02	NT	2.53E-03	mg/L
4,4'-DDE	0/20		1.00E-04 - 1.00E-02	NT	2.53E-03	mg/L
4,4'-DDT	0/20		1.00E-04 - 1.00E-02	NT	2.53E-03	mg/L
4-Aminobiphenyl	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Bromofluorobenzene	2/2	9.40E-02 - 9.40E-02		N	4.70E-02	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=i MEDIA=RGA Groundwater
(continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
4-Bromophenyl phenyl ether	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
4-Chloro-3-methylphenol	0/22		1.00E-02 - 2.00E-02	NT	7.50E-03	mg/L
4-Chlorobenzenamine	0/22		1.00E-02 - 2.00E-02	NT	7.50E-03	mg/L
4-Chlorophenyl phenyl ether	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
4-Methyl-2-pentanone	2/404	2.00E-03 - 1.70E-02	2.00E-03 - 1.00E-01	N	7.01E-03	mg/L
4-Methylphenol	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
4-Nitrobenzenamine	0/22		1.00E-02 - 5.00E-02	NT	1.43E-02	mg/L
4-Nitrophenol	0/22		1.00E-02 - 5.00E-02	NT	1.43E-02	mg/L
5-(2-Propenyl)-1,3-benzodioxole (Safrole)	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
5-Nitro-o-toluidine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
7,12-Dimethylbenz(a)anthracene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Acenaphthene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Acenaphthylene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Acetone	53/372	1.00E-03 - 9.90E-02	2.00E-03 - 1.00E-01	N	7.06E-03	mg/L
Acetonitrile	0/20		5.00E-02 - 6.00E-02	NT	2.75E-02	mg/L
Acetophenone	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Acrolein	0/354		1.00E-03 - 1.00E-01	NT	1.09E-02	mg/L
Acrylonitrile	1/378	1.00E-02 - 1.00E-02	1.00E-03 - 2.00E-01	N	1.51E-02	mg/L
Aldrin	0/20		5.00E-05 - 1.00E-02	NT	2.51E-03	mg/L
Allyl chloride	0/20		1.50E-02 - 1.00E-01	NT	2.88E-02	mg/L
Anthracene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Benz(a)anthracene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Benzene	2/505	1.40E-04 - 1.00E-03	5.00E-05 - 5.00E-03	N	2.30E-03	mg/L
Benzenemethanol	0/20		1.00E-02 - 2.00E-02	NT	7.50E-03	mg/L
Benzo(a)pyrene	0/22		1.00E-03 - 2.00E-02	NT	3.18E-03	mg/L
Benzo(b)fluoranthene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Benzo(ghi)perylene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Benzo(k)fluoranthene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Bis(2-chloroethoxy)methane	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Bis(2-chloroethyl) ether	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Bis(2-chloroisopropyl) ether	0/2		1.00E-02 - 2.00E-02	NT	7.50E-03	mg/L
Bis(2-chloroisopropyl)ether	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-ethylhexyl)phthalate	4/22	5.00E-04 - 9.00E-03	1.00E-02 - 2.00E-02	N	4.57E-03	mg/L
Bromochloromethane	0/391		5.00E-05 - 5.00E-03	NT	2.25E-03	mg/L
Bromodichloromethane	0/524		5.00E-05 - 1.00E-02	NT	2.40E-03	mg/L
Bromoform	0/404		5.00E-05 - 1.00E-02	NT	2.36E-03	mg/L
Bromomethane	3/404	5.50E-05 - 1.00E-03	5.00E-05 - 1.00E-02	N	2.53E-03	mg/L
Butyl benzyl phthalate	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Carbazole	1/2	1.20E-02 - 1.20E-02	1.00E-02 - 1.00E-02	N	5.50E-03	mg/L
Carbon disulfide	0/403		1.00E-03 - 1.00E-01	NT	5.44E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=i MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Carbon tetrachloride	0/524		5.00E-05 - 2.50E-02	NT	2.33E-03	mg/L
Chlordene	0/10		2.00E-03 - 2.00E-03	NT	1.00E-03	mg/L
Chlorobenzene	2/404	4.60E-05 - 1.00E-03	5.00E-05 - 1.00E-02	N	2.36E-03	mg/L
Chlorobenzilate	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chloroethane	1/404	1.00E-03 - 1.00E-03	5.00E-05 - 1.00E-02	N	2.61E-03	mg/L
Chloroform	10/524	4.90E-05 - 2.00E-03	5.00E-05 - 5.00E-03	N	2.34E-03	mg/L
Chloromethane	14/404	5.70E-05 - 2.00E-03	5.00E-05 - 1.50E-02	N	2.59E-03	mg/L
Chrysene	1/22	6.00E-04 - 6.00E-04	1.00E-02 - 2.00E-02	N	5.01E-03	mg/L
Di-n-butyl phthalate	2/22	1.00E-02 - 1.00E-02	1.00E-02 - 2.00E-02	N	5.23E-03	mg/L
Di-n-octylphthalate	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Diallate	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibenz(a,h)anthracene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Dibenzofuran	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Dibromochloromethane	0/404		5.00E-05 - 1.00E-02	NT	2.36E-03	mg/L
Dibromomethane	0/404		5.00E-05 - 1.00E-02	NT	2.36E-03	mg/L
Dichlorodifluoromethane	1/404	7.40E-05 - 7.40E-05	5.00E-05 - 5.00E-03	N	2.25E-03	mg/L
Dieldrin	0/20		1.00E-04 - 1.00E-02	NT	2.53E-03	mg/L
Diethyl phthalate	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Dimethoate	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dimethyl phthalate	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Dimethylbenzene	2/505	1.00E-03 - 3.00E-03	5.00E-05 - 1.50E-02	N	3.14E-03	mg/L
Dinoseb	0/20		5.36E-03 - 1.00E-02	NT	3.84E-03	mg/L
Diphenylamine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Disulfoton	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Endosulfan I	0/20		5.00E-05 - 1.00E-02	NT	2.51E-03	mg/L
Endosulfan II	0/20		5.00E-05 - 1.20E-04	NT	3.88E-05	mg/L
Endosulfan sulfate	0/20		1.00E-04 - 1.00E-02	NT	2.53E-03	mg/L
Endrin	0/20		1.00E-04 - 2.00E-04	NT	7.63E-05	mg/L
Endrin aldehyde	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Ethanol	7/340	7.00E-03 - 3.50E-01	5.00E-02 - 1.00E+00	N	1.58E-01	mg/L
Ethyl cyanide	0/20		6.00E-02 - 2.20E-01	NT	7.00E-02	mg/L
Ethyl methacrylate	0/384		1.00E-03 - 1.00E-02	NT	2.48E-03	mg/L
Ethyl methanesulfonate	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Ethylbenzene	1/505	1.00E-03 - 1.00E-03	5.00E-05 - 1.00E-02	N	2.39E-03	mg/L
Fluoranthene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Fluorene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Heptachlor	0/20		5.00E-05 - 4.00E-04	NT	1.13E-04	mg/L
Heptachlor epoxide	0/20		5.00E-05 - 2.00E-04	NT	6.31E-05	mg/L
Hexachloro-1-propene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorobenzene	0/22		5.00E-04 - 2.00E-02	NT	1.02E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=i MEDIA=RGA Groundwater
(continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Hexachlorobutadiene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Hexachlorocyclopentadiene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Hexachloroethane	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Indeno(1,2,3-cd)pyrene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Iodomethane	0/404		1.00E-03 - 5.00E-03	NT	2.32E-03	mg/L
Isobutanol	0/20		5.00E-02 - 2.80E+00	NT	7.13E-01	mg/L
Isodrin	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Isophorone	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Isosafrole	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Kepone	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Lindane	0/20		5.00E-05 - 2.00E-04	NT	6.31E-05	mg/L
Methacrylonitrile	0/20		5.00E-03 - 2.00E-02	NT	6.25E-03	mg/L
Methapyrilene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Methoxychlor	0/20		5.00E-04 - 4.00E-02	NT	1.01E-02	mg/L
Methyl methacrylate	0/20		5.00E-03 - 2.00E-02	NT	6.25E-03	mg/L
Methyl methanesulfonate	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Methyl parathion	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Methylene chloride	39/404	4.60E-05 - 1.80E-02	5.00E-05 - 1.00E-02	N	3.43E-03	mg/L
N-Nitroso-di-n-butylamine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
N-Nitroso-di-n-propylamine	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
N-Nitrosodiethylamine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
N-Nitrosodimethylamine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
N-Nitrosodiphenylamine	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
N-Nitrosomethylethylamine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
N-Nitrosopiperidine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
N-Nitrosopyrrolidine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Naphthalene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Nitrobenzene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
O,O,O-Triethylphosphorothioate	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
PCB-1016	0/20		1.00E-04 - 6.00E-04	NT	3.12E-04	mg/L
PCB-1221	0/20		1.00E-04 - 6.00E-04	NT	3.12E-04	mg/L
PCB-1232	0/20		1.00E-04 - 6.00E-04	NT	3.12E-04	mg/L
PCB-1242	0/20		1.00E-04 - 6.00E-04	NT	3.12E-04	mg/L
PCB-1248	0/20		1.00E-04 - 6.00E-04	NT	3.12E-04	mg/L
PCB-1254	1/20	9.00E-04 - 9.00E-04	1.00E-04 - 5.90E-04	N	3.27E-04	mg/L
PCB-1260	0/20		5.00E-04 - 1.10E-03	NT	8.12E-04	mg/L
Parathion	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pentachlorobenzene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pentachlorodibenzofuran	0/20		1.00E-08 - 1.00E-08	NT	5.00E-09	mg/L
Pentachloroethane	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=i MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Pentachloronitrobenzene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pentachlorophenol	0/22		1.00E-03 - 5.00E-02	NT	1.23E-02	mg/L
Phenacetin	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Phenanthrene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Phenol	0/22		1.00E-03 - 2.00E-02	NT	3.18E-03	mg/L
Phorate	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Polychlorinated biphenyl	1/87	1.00E-04 - 1.00E-04	1.00E-04 - 1.70E-04	N	1.01E-04	mg/L
Pronamide	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pyrene	0/22		1.00E-02 - 2.00E-02	NT	5.23E-03	mg/L
Silvex	0/20		4.67E-05 - 1.07E-03	NT	2.79E-04	mg/L
Styrene	0/404		5.00E-05 - 1.00E-02	NT	2.46E-03	mg/L
Tetrachloroethene	4/460	6.90E-05 - 2.00E-03	5.00E-05 - 1.00E-02	N	2.37E-03	mg/L
Thionazin	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Toluene	15/505	4.70E-05 - 9.00E-03	5.00E-05 - 5.00E-03	N	2.33E-03	mg/L
Toxaphene	0/20		1.00E-03 - 3.00E-03	NT	1.01E-03	mg/L
Trans-1,4-Dichloro-2-butene	0/372		1.00E-03 - 1.00E-01	NT	5.72E-03	mg/L
Trichloroethene	317/611	6.50E-05 - 4.70E-02	1.00E-03 - 1.00E-02	N	3.66E-03	mg/L
Trichlorofluoromethane	7/404	5.50E-05 - 2.00E-03	5.00E-05 - 1.00E-02	N	2.37E-03	mg/L
Vinyl acetate	0/404		1.00E-03 - 5.00E-02	NT	4.04E-03	mg/L
Vinyl chloride	1/526	1.00E-03 - 1.00E-03	5.00E-05 - 1.00E-02	N	3.38E-03	mg/L
alpha-BHC	0/20		5.00E-05 - 1.00E-02	NT	2.51E-03	mg/L
alpha-Chlordane	0/10		5.00E-05 - 6.00E-05	NT	2.62E-05	mg/L
beta-BHC	0/20		5.00E-05 - 4.00E-02	NT	1.00E-02	mg/L
cis-1,2-Dichloroethene	13/451	5.10E-05 - 2.00E-03	5.00E-05 - 7.00E-02	N	6.07E-03	mg/L
cis-1,3-Dichloropropene	0/404		5.00E-05 - 1.50E-02	NT	2.59E-03	mg/L
cis-1,4-Dichloro-2-Butene	0/20		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
delta-BHC	0/20		5.00E-05 - 3.00E-02	NT	7.51E-03	mg/L
gamma-Chlordane	0/10		5.00E-05 - 6.00E-05	NT	2.62E-05	mg/L
m,p-Xylene	3/12	4.60E-05 - 1.50E-04	1.00E-04 - 1.00E-04	N	4.80E-05	mg/L
o-Toluidine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
p-Dimethylaminoazobenzene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
p-Phenylenediamine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
trans-1,2-Dichloroethene	2/516	5.40E-05 - 2.00E-03	5.00E-05 - 1.00E-01	N	6.51E-03	mg/L
trans-1,3-Dichloropropene	1/404	1.70E-04 - 1.70E-04	5.00E-05 - 1.00E-02	N	2.53E-03	mg/L
Alpha activity	424/612	1.00E-01 - 3.13E+01	-4.40E+01 - 1.00E+03	N	4.68E+01	pCi/L
Americium-241	3/7	1.00E-01 - 8.00E-01	-1.90E+00 --3.00E-01	N	-1.64E-01	pCi/L
Beta activity	608/642	1.00E+00 - 1.35E+03	-3.00E+00 - 1.00E+03	N	4.17E+01	pCi/L
Cesium-137	5/7	1.00E-01 - 6.00E-01	-4.00E-01 - 0.00E+00	N	9.29E-02	pCi/L
Cobalt-60	5/7	1.00E-01 - 1.20E+00	-4.00E-01 - 0.00E+00	N	1.71E-01	pCi/L
Neptunium-237	2/3	1.00E-01 - 5.00E-01	-9.41E-04 --9.41E-04	N	9.98E-02	pCi/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=i MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Plutonium-239	0/3		-1.60E-01 - 0.00E+00	NT	-2.67E-02	pCi/L
Radium-226	8/8	2.00E-01 - 9.00E-01		N	2.44E-01	pCi/L
Radon-222	30/30	2.08E+02 - 9.30E+02		L	2.52E+02	pCi/L
Technetium-99	496/671	1.00E+00 - 1.40E+03	-8.00E+00 - 2.50E+01	L	4.41E+01	pCi/L
Thorium-230	2/2	3.00E-01 - 4.00E-01		N	1.75E-01	pCi/L
Thorium-234	1/1	6.00E-01 - 6.00E-01		NT	3.00E-01	pCi/L
Uranium-234	0/1			NT		pCi/L
Uranium-235	0/1			NT		
Uranium-238	0/1			NT		pCi/L

AREA_CODE=i MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	9/9	5.49E-01 - 1.32E+01		L	2.29E+00	mg/L
Antimony	4/22	2.00E-03 - 2.35E-01	1.30E-03 - 1.85E-01	L	4.16E-03	mg/L
Arsenic	11/42	5.40E-03 - 5.70E-02	5.00E-03 - 5.00E-03	L	4.22E-03	mg/L
Barium	39/42	3.80E-02 - 1.19E+00	7.00E-02 - 7.00E-02	L	2.35E-01	mg/L
Beryllium	0/22		4.00E-03 - 1.50E-02	NT	3.45E-03	mg/L
Cadmium	2/46	1.80E-02 - 1.90E-02	1.00E-02 - 2.50E-02	N	6.00E-03	mg/L
Calcium	18/18	1.48E+01 - 1.28E+02		L	3.43E+01	mg/L
Chloride	43/45	1.47E+00 - 9.79E+01	2.00E+00 - 1.00E+01	L	2.37E+01	mg/L
Chromium	4/46	5.40E-02 - 1.46E-01	5.00E-02 - 6.00E-02	N	2.68E-02	mg/L
Chromium, hexavalent	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Cobalt	1/22	6.60E-02 - 6.60E-02	4.50E-02 - 5.00E-02	L	2.48E-02	mg/L
Copper	29/46	1.20E-02 - 1.32E+00	1.00E-02 - 2.50E-02	L	1.44E-01	mg/L
Fluoride	36/41	2.20E-01 - 8.90E+00	1.00E-01 - 1.00E-01	L	6.63E-01	mg/L
Iron	46/46	6.90E-02 - 6.06E+01		L	3.12E+00	mg/L
Lead	5/37	5.70E-02 - 2.35E-01	5.00E-02 - 2.50E-01	L	2.52E-02	mg/L
Magnesium	18/18	5.27E+00 - 4.37E+01		L	9.80E+00	mg/L
Manganese	17/18	2.20E-02 - 8.06E+00	5.00E-03 - 5.00E-03	L	5.85E-01	mg/L
Mercury	3/33	4.00E-04 - 5.00E-04	2.00E-04 - 2.00E-04	N	1.11E-04	mg/L
Molybdenum	0/9		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Nickel	7/45	7.60E-02 - 5.95E-01	5.00E-02 - 1.00E-01	L	1.79E-02	mg/L
Nitrate	1/1	2.10E+00 - 2.10E+00		NT	1.05E+00	mg/L
Nitrate as Nitrogen	25/40	2.80E-01 - 2.30E+00	1.00E-01 - 1.00E+00	N	4.81E-01	mg/L
Potassium	6/13	2.08E+00 - 1.36E+01	2.00E+00 - 1.05E+01	N	3.29E+00	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=i MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Selenium	1/37	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-03	N	2.50E-03	mg/L
Silica	9/9	1.10E+01 - 3.50E+01		N	1.12E+01	mg/L
Silver	1/33	4.50E-02 - 4.50E-02	3.00E-02 - 6.00E-02	L	1.74E-02	mg/L
Sodium	43/43	1.68E+01 - 1.49E+02		N	3.09E+01	mg/L
Sulfate	12/12	1.60E+01 - 1.90E+02		L	4.97E+01	mg/L
Tetraoxo-sulfate(1-)	29/29	6.20E+00 - 3.76E+02		L	6.50E+01	mg/L
Thallium	1/17	8.20E-03 - 8.20E-03	1.50E-03 - 6.00E-02	L	2.60E-02	mg/L
Total Phosphate as Phosphorus	0/4		2.00E+00 - 2.00E+00	NT	1.00E+00	mg/L
Uranium	32/59	1.00E-03 - 6.40E-01	1.00E-03 - 1.00E-03	L	5.58E-03	mg/L
Vanadium	16/17	5.00E-02 - 4.33E-01	5.00E-02 - 5.00E-02	L	2.18E-01	mg/L
Zinc	38/46	6.00E-03 - 1.88E+00	5.00E-03 - 3.00E-02	L	1.71E-01	mg/L
1,1,1,2-Tetrachloroethane	0/8		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
1,1,1-Trichloroethane	0/48		1.00E-03 - 5.00E-03	NT	2.33E-03	mg/L
1,1,2,2-Tetrachloroethane	0/28		1.00E-03 - 5.00E-03	NT	2.21E-03	mg/L
1,1,2-Trichloroethane	0/48		1.00E-03 - 5.00E-03	NT	2.33E-03	mg/L
1,1-Dichloroethane	0/48		1.00E-03 - 5.00E-03	NT	2.33E-03	mg/L
1,1-Dichloroethene	0/48		1.00E-03 - 5.00E-03	NT	2.33E-03	mg/L
1,2,3-Trichloropropane	0/28		1.00E-03 - 1.50E-02	NT	3.64E-03	mg/L
1,2-Dibromo-3-chloropropane	0/8		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
1,2-Dibromoethane	0/8		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
1,2-Dichlorobenzene	0/8		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
1,2-Dichloroethane	0/48		1.00E-03 - 5.00E-03	NT	2.33E-03	mg/L
1,2-Dichloroethene	0/4		1.00E-03 - 1.00E-03	NT	5.00E-04	mg/L
1,2-Dichloropropane	0/8		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
1,3-Dichlorobenzene	0/4		1.00E-03 - 1.00E-03	NT	5.00E-04	mg/L
1,4-Dichlorobenzene	0/8		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
1,4-Difluorobenzene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
2-Butanone	3/28	4.00E-03 - 7.00E-03	5.00E-03 - 1.00E-01	L	4.59E-03	mg/L
2-Chloroethyl vinyl ether	0/28		1.00E-03 - 2.00E-02	NT	4.00E-03	mg/L
2-Hexanone	0/28		5.00E-03 - 5.00E-02	NT	1.25E-02	mg/L
4-Methyl-2-pentanone	0/28		5.00E-03 - 1.00E-01	NT	1.96E-02	mg/L
Acetone	4/28	2.00E-03 - 1.50E-02	5.00E-03 - 1.00E-01	L	4.80E-03	mg/L
Acrolein	0/31		1.00E-03 - 1.00E-01	NT	2.89E-02	mg/L
Acrylonitrile	0/31		5.00E-03 - 2.00E-01	NT	4.40E-02	mg/L
Benzene	1/48	5.00E-03 - 5.00E-03	1.00E-03 - 5.00E-03	N	2.33E-03	mg/L
Bromochloromethane	0/24		1.00E-03 - 5.00E-03	NT	2.17E-03	mg/L
Bromodichloromethane	1/49	9.00E-03 - 9.00E-03	1.00E-03 - 5.00E-03	N	2.38E-03	mg/L
Bromoform	0/28		1.00E-03 - 5.00E-03	NT	2.21E-03	mg/L
Bromomethane	0/28		1.00E-03 - 1.00E-02	NT	2.93E-03	mg/L
Carbon disulfide	0/28		1.00E-03 - 1.00E-01	NT	1.58E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=i MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Carbon tetrachloride	0/48		1.00E-03 - 5.00E-03	NT	2.33E-03	mg/L
Chlorobenzene	0/28		1.00E-03 - 5.00E-03	NT	2.21E-03	mg/L
Chloroethane	0/28		1.00E-03 - 1.00E-02	NT	3.29E-03	mg/L
Chloroform	3/50	2.00E-03 - 2.40E-02	1.00E-03 - 5.00E-03	N	2.50E-03	mg/L
Chloromethane	0/28		1.00E-03 - 1.00E-02	NT	2.93E-03	mg/L
Dibromochloromethane	1/29	2.00E-03 - 2.00E-03	1.00E-03 - 5.00E-03	N	2.17E-03	mg/L
Dibromomethane	0/28		1.00E-03 - 5.00E-03	NT	2.21E-03	mg/L
Dichlorodifluoromethane	3/28	1.00E-03 - 6.00E-03	1.00E-03 - 5.00E-03	N	2.34E-03	mg/L
Dimethylbenzene	0/48		1.00E-03 - 1.00E-02	NT	2.85E-03	mg/L
Ethanol	3/28	7.00E-03 - 2.40E-02	5.00E-02 - 1.00E+00	L	1.88E-02	mg/L
Ethyl methacrylate	0/28		1.00E-03 - 1.00E-02	NT	2.93E-03	mg/L
Ethylbenzene	0/48		1.00E-03 - 5.00E-03	NT	2.33E-03	mg/L
Iodomethane	0/28		1.00E-03 - 5.00E-03	NT	2.21E-03	mg/L
Methylene chloride	10/28	1.00E-03 - 1.30E-02	1.00E-03 - 1.00E-02	L	3.12E-03	mg/L
Polychlorinated biphenyl	0/29		1.00E-04 - 1.70E-04	NT	1.02E-04	mg/L
Styrene	0/28		1.00E-03 - 1.00E-02	NT	2.93E-03	mg/L
Tetrachloroethene	0/28		1.00E-03 - 5.00E-03	NT	2.21E-03	mg/L
Toluene	0/48		1.00E-03 - 5.00E-03	NT	2.33E-03	mg/L
Trans-1,4-Dichloro-2-butene	0/28		1.00E-03 - 1.00E-01	NT	1.58E-02	mg/L
Trichloroethene	9/89	1.00E-03 - 5.60E-02	1.00E-03 - 1.00E-03	N	2.20E-03	mg/L
Trichlorofluoromethane	0/28		1.00E-03 - 5.00E-03	NT	2.21E-03	mg/L
Vinyl acetate	0/28		1.00E-03 - 5.00E-02	NT	9.00E-03	mg/L
Vinyl chloride	0/48		1.00E-03 - 1.00E-02	NT	4.10E-03	mg/L
cis-1,2-Dichloroethene	0/28		1.00E-03 - 5.00E-03	NT	4.43E-03	mg/L
cis-1,3-Dichloropropene	0/28		1.00E-03 - 1.00E-02	NT	2.93E-03	mg/L
trans-1,2-Dichloroethene	0/48		1.00E-03 - 5.00E-03	NT	4.67E-03	mg/L
trans-1,3-Dichloropropene	0/28		1.00E-03 - 1.00E-02	NT	2.93E-03	mg/L
Alpha activity	63/80	2.00E-01 - 3.49E+02	-1.07E+01 - 1.00E+03	L	1.25E+01	pCi/L
Americium-241	0/4		-1.50E+00 --1.00E-01	NT	-4.25E-01	pCi/L
Beta activity	75/80	1.00E+00 - 1.00E+03	-4.00E+00 - 1.00E+03	L	3.60E+01	pCi/L
Cesium-137	3/4	2.00E-01 - 9.00E-01	-7.00E-01 --7.00E-01	N	8.75E-02	pCi/L
Cobalt-60	4/4	7.00E-01 - 1.40E+00		N	5.13E-01	pCi/L
Radium-226	3/4	3.00E-01 - 7.00E-01	0.00E+00 - 0.00E+00	N	1.63E-01	pCi/L
Radon-222	5/5	2.88E+02 - 5.19E+02		N	1.91E+02	pCi/L
Technetium-99	77/91	1.00E+00 - 3.39E+02	-4.00E+00 - 0.00E+00	L	2.77E+01	pCi/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=j MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	2/2	2.16E-01 - 2.04E+00		N	5.64E-01	mg/L
Antimony	0/2		6.00E-02 - 6.00E-02	NT	3.00E-02	mg/L
Arsenic	1/2	8.54E-02 - 8.54E-02	5.00E-03 - 5.00E-03	N	2.26E-02	mg/L
Barium	2/2	6.80E-02 - 1.27E-01		N	4.88E-02	mg/L
Beryllium	0/2		4.00E-03 - 4.00E-03	NT	2.00E-03	mg/L
Cadmium	0/2		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Calcium	2/2	2.91E+01 - 5.51E+01		N	2.11E+01	mg/L
Chloride	2/2	1.00E+01 - 3.40E+01		N	1.10E+01	mg/L
Chromium	0/2		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Cobalt	0/2		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Copper	0/2		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Fluoride	2/2	1.30E-01 - 1.60E-01		N	1.45E-01	mg/L
Iron	1/2	1.22E-01 - 1.22E-01	1.00E-02 - 1.00E-02	N	3.30E-02	mg/L
Magnesium	2/2	1.31E+00 - 9.50E+00		N	2.70E+00	mg/L
Manganese	2/2	8.80E-02 - 3.02E+00		N	7.77E-01	mg/L
Molybdenum	1/2	3.15E-01 - 3.15E-01	5.00E-02 - 5.00E-02	N	9.13E-02	mg/L
Nickel	0/2		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Nitrate as Nitrogen	0/2		1.00E+00 - 1.00E+00	NT	5.00E-01	mg/L
Potassium	1/2	8.88E+00 - 8.88E+00	2.00E+00 - 2.00E+00	N	2.72E+00	mg/L
Silica	2/2	2.00E+00 - 1.70E+01		N	4.75E+00	mg/L
Sodium	2/2	1.52E+01 - 2.63E+01		N	1.04E+01	mg/L
Sulfate	2/2	2.60E+01 - 1.56E+02		N	4.55E+01	mg/L
Thallium	1/2	1.03E-01 - 1.03E-01	6.00E-02 - 6.00E-02	N	4.08E-02	mg/L
Uranium	1/2	1.00E-03 - 1.00E-03	1.00E-03 - 1.00E-03	N	1.00E-03	mg/L
Vanadium	2/2	1.01E-01 - 1.07E-01		N	5.20E-02	mg/L
Zinc	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,1-Trichloroethane	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethane	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromodichloromethane	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Carbon tetrachloride	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroform	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Tetrachloroethene	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	0/2		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vinyl chloride	0/2		1.00E-03 - 1.00E-02	NT	5.50E-03	mg/L
cis-1,2-Dichloroethene	0/2		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
trans-1,2-Dichloroethene	0/2		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
Alpha activity	2/2	8.00E-01 - 1.00E+00		N	4.50E-01	pCi/L
Beta activity	2/2	6.00E+00 - 4.30E+01		N	1.23E+01	pCi/L
Neptunium-237	0/2		-5.00E-01 --3.00E-01	NT	-2.00E-01	pCi/L
Plutonium-239	0/2		0.00E+00 - 0.00E+00	NT	0.00E+00	pCi/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=j MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Technetium-99	2/2	1.30E+01 - 1.60E+01		N	1.45E+01	pCi/L
Thorium-230	1/2	1.00E-01 - 1.00E-01	0.00E+00 - 0.00E+00	N	2.50E-02	pCi/L

AREA_CODE=j MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	4/4	1.12E+00 - 7.84E+00		N	1.48E+00	mg/L
Antimony	0/4		6.00E-02 - 6.00E-02	NT	3.00E-02	mg/L
Arsenic	2/4	6.10E-03 - 9.10E-03	5.00E-03 - 5.00E-03	N	3.15E-03	mg/L
Barium	4/4	3.60E-02 - 1.11E-01		N	3.11E-02	mg/L
Beryllium	0/4		4.00E-03 - 4.00E-03	NT	2.00E-03	mg/L
Cadmium	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Calcium	4/4	1.22E+01 - 1.34E+02		N	3.92E+01	mg/L
Chloride	4/4	5.00E+00 - 1.80E+01		N	5.63E+00	mg/L
Chromium	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Cobalt	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Copper	1/4	1.10E-02 - 1.10E-02	1.00E-02 - 1.00E-02	N	5.13E-03	mg/L
Fluoride	1/4	1.80E-01 - 1.80E-01	1.00E-01 - 1.00E-01	N	1.20E-01	mg/L
Iron	4/4	2.10E-02 - 1.03E+01		N	2.09E+00	mg/L
Magnesium	4/4	1.04E-01 - 1.81E+01		N	2.94E+00	mg/L
Manganese	4/4	4.40E-02 - 5.55E+00		N	8.10E-01	mg/L
Molybdenum	2/4	5.00E-02 - 2.86E-01	5.00E-02 - 5.00E-02	N	5.45E-02	mg/L
Nickel	1/4	5.20E-02 - 5.20E-02	5.00E-02 - 5.00E-02	N	2.53E-02	mg/L
Nitrate as Nitrogen	1/4	3.40E+00 - 3.40E+00	1.00E+00 - 1.00E+00	N	8.00E-01	mg/L
Potassium	3/4	3.21E+00 - 1.94E+01	2.00E+00 - 2.00E+00	N	4.49E+00	mg/L
Silica	4/4	7.00E+00 - 3.20E+01		N	7.50E+00	mg/L
Sodium	4/4	3.35E+00 - 2.26E+01		N	6.54E+00	mg/L
Sulfate	4/4	3.20E+01 - 7.42E+02		N	1.93E+02	mg/L
Thallium	3/4	9.50E-02 - 1.35E-01	6.00E-02 - 6.00E-02	N	5.23E-02	mg/L
Uranium	0/4		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vanadium	3/4	7.10E-02 - 1.92E-01	5.00E-02 - 5.00E-02	N	5.69E-02	mg/L
Zinc	4/4	1.20E-02 - 4.10E-02		N	1.24E-02	mg/L
1,1,1-Trichloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
2-Butanone	1/1	1.60E-02 - 1.60E-02		NT	8.00E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=j MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Bromodichloromethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Carbon tetrachloride	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroform	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Tetrachloroethene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	0/4		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vinyl chloride	0/4		1.00E-03 - 1.00E-02	NT	5.50E-03	mg/L
cis-1,2-Dichloroethene	0/4		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
trans-1,2-Dichloroethene	0/4		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
Alpha activity	4/4	2.00E-01 - 2.20E+00		N	4.50E-01	pCi/L
Beta activity	4/4	1.00E+00 - 4.30E+01		N	9.63E+00	pCi/L
Neptunium-237	2/4	1.00E-01 - 4.00E-01	-2.00E-01 --1.00E-01	N	2.50E-02	pCi/L
Plutonium-239	0/4		0.00E+00 - 0.00E+00	NT	0.00E+00	pCi/L
Technetium-99	4/4	1.20E+01 - 1.90E+01		N	1.63E+01	pCi/L
Thorium-230	3/4	1.00E-01 - 2.00E-01	0.00E+00 - 0.00E+00	N	6.25E-02	pCi/L

AREA_CODE=k MEDIA=Other Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	37/55	2.14E-01 - 8.77E+01	6.25E-01 - 1.00E+00	L	4.86E+00	mg/L
Ammonia as Nitrogen	1/3	6.23E+00 - 6.23E+00	3.00E-02 - 3.00E-02	N	1.05E+00	mg/L
Antimony	2/40	2.38E-02 - 5.23E-02	2.00E-02 - 2.50E-01	N	6.86E-02	mg/L
Arsenic	5/75	1.60E-03 - 2.10E-02	1.00E-03 - 5.00E-03	N	2.48E-03	mg/L
Barium	42/75	3.41E-02 - 2.78E-01	5.00E-02 - 7.00E-02	L	8.41E-02	mg/L
Beryllium	6/40	1.90E-03 - 6.28E-02	1.00E-03 - 2.50E-02	L	1.12E-03	mg/L
Cadmium	1/75	1.60E-02 - 1.60E-02	2.00E-03 - 1.00E-01	L	3.65E-02	mg/L
Calcium	37/37	3.94E+00 - 4.39E+02		L	6.32E+01	mg/L
Chloride	35/35	2.70E+00 - 7.74E+01		L	9.28E+00	mg/L
Chlorine, Total Residual	0/1		2.50E-01 - 2.50E-01	NT	1.25E-01	mg/L
Chromium	10/37	2.00E-03 - 8.50E-02	2.00E-03 - 6.00E-02	N	2.42E-02	mg/L
Chromium, hexavalent	0/43		1.00E-02 - 2.50E-01	NT	1.23E-02	mg/L
Cobalt	11/40	3.50E-03 - 1.01E+00	3.00E-03 - 1.00E-01	L	2.06E-02	mg/L
Copper	13/40	4.30E-03 - 3.40E-02	2.00E-03 - 1.00E-01	L	1.14E-02	mg/L
Cyanide	0/4		3.00E-03 - 3.00E-03	NT	1.50E-03	mg/L
Fluoride	24/32	1.60E-01 - 6.40E-01	1.00E-01 - 1.00E-01	L	3.02E-01	mg/L
Iron	61/72	2.38E-01 - 1.23E+03	2.00E-01 - 5.00E-01	L	7.91E+01	mg/L
Kjeldahl Nitrogen	3/4	3.50E-01 - 1.38E+00	2.00E+00 - 2.00E+00	N	6.33E-01	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=k MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Lead	14/72	1.60E-03 - 1.78E+00	1.00E-03 - 2.50E-01	N	1.26E-01	mg/L
Magnesium	72/72	1.52E+00 - 1.72E+02		L	3.17E+01	mg/L
Manganese	70/72	3.20E-02 - 6.00E+01	2.00E-02 - 5.00E-02	L	6.59E+00	mg/L
Mercury	1/35	3.00E-04 - 3.00E-04	2.00E-04 - 4.00E-04	L	1.04E-04	mg/L
Molybdenum	0/12		5.00E-02 - 1.00E-01	NT	2.94E-02	mg/L
Nickel	23/75	7.70E-03 - 7.76E-01	5.00E-02 - 1.00E-01	L	6.12E-02	mg/L
Nitrate as Nitrogen	10/32	1.00E+00 - 3.80E+00	1.00E+00 - 1.00E+00	L	1.03E+00	mg/L
Nitrate/Nitrite	2/4	2.10E-01 - 2.20E-01	5.00E-02 - 5.00E-02	N	6.63E-02	mg/L
Orthophosphate	0/3		1.00E-03 - 1.00E-01	NT	2.52E-02	mg/L
Phosphorous	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Potassium	38/69	6.04E-01 - 2.46E+01	2.00E+00 - 1.05E+01	N	5.61E+00	mg/L
Selenium	3/38	1.10E-03 - 4.90E-03	1.00E-03 - 5.00E-03	L	1.08E-03	mg/L
Silica	49/50	1.00E+01 - 5.02E+02	1.00E+01 - 1.00E+01	L	4.65E+01	mg/L
Silver	1/31	2.20E-03 - 2.20E-03	2.00E-03 - 6.00E-02	N	2.22E-02	mg/L
Sodium	72/72	8.18E+00 - 2.05E+02		L	2.56E+01	mg/L
Strontium	30/38	4.07E-01 - 2.33E+00	5.00E-01 - 1.21E+00	N	5.38E-01	mg/L
Sulfate	3/3	1.38E+01 - 1.98E+03		N	3.43E+02	mg/L
Sulfide	2/4	2.40E+00 - 2.40E+00	1.00E+00 - 1.00E+00	N	8.50E-01	mg/L
Tetraoxo-sulfate(1-)	29/29	1.70E+00 - 4.87E+03		L	8.46E+02	mg/L
Thallium	0/17		1.00E-03 - 4.70E-01	NT	2.84E-02	mg/L
Tin	1/4	1.05E-02 - 1.05E-02	1.00E-02 - 1.00E-02	N	5.06E-03	mg/L
Total Phosphate as Phosphorus	1/3	3.40E-01 - 3.40E-01	1.00E-01 - 1.00E-01	N	9.00E-02	mg/L
Uranium	48/77	1.00E-03 - 1.40E-02	1.00E-03 - 1.00E-03	N	2.77E-03	mg/L
Vanadium	15/17	1.70E-03 - 3.07E-01	5.00E-02 - 5.00E-02	L	7.43E-02	mg/L
Zinc	23/40	4.00E-03 - 1.99E+00	5.00E-03 - 2.50E-01	L	5.14E-02	mg/L
1,1,1,2-Tetrachloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,1-Trichloroethane	3/70	6.00E-03 - 4.40E-02	5.00E-03 - 2.50E-01	N	9.80E-03	mg/L
1,1,2,2-Tetrachloroethane	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/70		5.00E-03 - 2.50E-01	NT	9.50E-03	mg/L
1,1-Dichloroethane	11/70	3.00E-03 - 1.40E-01	5.00E-03 - 2.50E-01	N	1.21E-02	mg/L
1,1-Dichloroethene	11/70	1.80E-02 - 4.60E-01	5.00E-03 - 2.50E-01	N	1.84E-02	mg/L
1,2,3-Trichloropropane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2,4,5-Tetrachlorobenzene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,2,4-Trichlorobenzene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,2-Dibromo-3-chloropropane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dibromoethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichlorobenzene	0/12		4.00E-03 - 1.00E-02	NT	4.50E-03	mg/L
1,2-Dichloroethane	0/70		5.00E-03 - 2.50E-01	NT	9.50E-03	mg/L
1,2-Dichloroethene	2/9	3.40E-02 - 3.30E-01	5.00E-03 - 5.00E-03	L	1.78E-03	mg/L
1,2-Dichloropropane	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=k MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,3,5-Trinitrobenzene	0/5		6.00E-03 - 1.00E-02	NT	4.60E-03	mg/L
1,3-Dichlorobenzene	0/12		4.00E-03 - 1.00E-02	NT	4.50E-03	mg/L
1,3-Dinitrobenzene	0/5		6.00E-03 - 2.00E-02	NT	8.60E-03	mg/L
1,4-Dichlorobenzene	0/12		3.00E-03 - 1.00E-02	NT	4.42E-03	mg/L
1,4-Dioxane	0/4		1.50E-01 - 1.50E-01	NT	7.50E-02	mg/L
1,4-Naphthoquinone	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
1-Naphthalenamine	0/4		1.00E-02 - 5.00E-02	NT	1.00E-02	mg/L
2,3,4,6-Tetrachlorophenol	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
2,4,5-T	0/4		2.00E-04 - 6.00E-04	NT	1.50E-04	mg/L
2,4,5-Trichlorophenol	0/10		1.00E-02 - 5.00E-02	NT	1.10E-02	mg/L
2,4,6-Trichlorophenol	0/10		1.00E-02 - 4.00E-02	NT	6.50E-03	mg/L
2,4-D	0/4		1.00E-03 - 3.60E-03	NT	8.25E-04	mg/L
2,4-Dichlorophenol	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
2,4-Dimethylphenol	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4-Dinitrophenol	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
2,4-Dinitrotoluene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,6-Dichlorophenol	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
2,6-Dinitrotoluene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Acetylaminofluorene	0/4		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
2-Amino-4,6-Dinitrotoluene	0/1		2.60E-04 - 2.60E-04	NT	1.30E-04	mg/L
2-Butanone	0/9		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
2-Chloro-1,3-butadiene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
2-Chloroethyl vinyl ether	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
2-Chloronaphthalene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Chlorophenol	0/10		1.00E-02 - 4.00E-02	NT	6.50E-03	mg/L
2-Hexanone	0/9		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
2-Methyl-4,6-dinitrophenol	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
2-Methylnaphthalene	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
2-Methylphenol	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
2-Methylpyridine	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
2-Naphthalenamine	0/4		1.00E-02 - 5.00E-02	NT	1.00E-02	mg/L
2-Nitrobenzenamine	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
2-Nitrophenol	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
2-Nitrotoluene	0/1		2.50E-04 - 2.50E-04	NT	1.25E-04	mg/L
3,3'-Dichlorobenzidine	0/10		2.00E-02 - 4.00E-02	NT	1.10E-02	mg/L
3,3'-Dimethylbenzidine	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
3-Methylcholanthrene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
3-Methylphenol	0/4		1.00E-02 - 5.00E-02	NT	1.00E-02	mg/L
3-Nitrobenzenamine	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
4,4'-DDD	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=k MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
4,4'-DDE	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
4,4'-DDT	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
4-Amino-2,6-Dinitrotoluene	0/1		2.60E-04 - 2.60E-04	NT	1.30E-04	mg/L
4-Aminobiphenyl	0/4		2.00E-02 - 5.00E-02	NT	1.38E-02	mg/L
4-Bromophenyl phenyl ether	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Chloro-3-methylphenol	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
4-Chlorobenzenamine	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
4-Chlorophenyl phenyl ether	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Methyl-2-pentanone	0/9		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Methylphenol	0/10		1.00E-02 - 5.00E-02	NT	7.00E-03	mg/L
4-Nitrobenzenamine	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
4-Nitrophenol	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
4-Nitroquinoline-1-oxide	0/4		4.00E-02 - 4.00E-02	NT	2.00E-02	mg/L
5-(2-Propenyl)-1,3-benzodioxole (Safrole)	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
5-Nitro-o-toluidine	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
7,12-Dimethylbenz(a)anthracene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Acenaphthene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Acenaphthylene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Acetone	1/9	1.00E-01 - 1.00E-01	1.00E-01 - 1.00E-01	N	5.00E-02	mg/L
Acetonitrile	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Acetophenone	0/4		1.00E-02 - 1.50E-02	NT	5.63E-03	mg/L
Acrolein	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Acrylonitrile	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Aldrin	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
Allyl chloride	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Aniline	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
Anthracene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Aramite	0/4		2.00E-02 - 3.00E-02	NT	1.13E-02	mg/L
Azinphos-methyl	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Benz(a)anthracene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzene	0/74		2.00E-03 - 2.50E-01	NT	9.04E-03	mg/L
Benzenemethanol	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzo(a)pyrene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzo(b)fluoranthene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzo(ghi)perylene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzo(k)fluoranthene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-chloroethoxy)methane	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
Bis(2-chloroethyl) ether	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
Bis(2-chloroisopropyl)ether	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-ethylhexyl)phthalate	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=k MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Bromodichloromethane	0/70		5.00E-03 - 2.50E-01	NT	9.50E-03	mg/L
Bromoform	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromomethane	0/9		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Butyl benzyl phthalate	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbazole	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/9		5.00E-03 - 1.00E-01	NT	7.78E-03	mg/L
Carbon tetrachloride	0/70		5.00E-03 - 2.50E-01	NT	9.50E-03	mg/L
Chlorobenzene	0/13		2.00E-03 - 5.00E-03	NT	2.04E-03	mg/L
Chlorobenzilate	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Chloroethane	0/9		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chloroform	0/70		5.00E-03 - 2.50E-01	NT	9.50E-03	mg/L
Chloromethane	0/9		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chrysene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Co-Ral	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Cyclotrimethylenetrinitramine	0/1		8.50E-04 - 8.50E-04	NT	4.25E-04	mg/L
Demeton O and S	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Di-n-butyl phthalate	1/10	1.40E-02 - 1.40E-02	1.00E-02 - 1.00E-02	N	5.20E-03	mg/L
Di-n-octylphthalate	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Diallate	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Diazinon	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Dibenz(a,h)anthracene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibenzofuran	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibromochloromethane	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dibromomethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dichlorodifluoromethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dichlorvos	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Dieldrin	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
Diethyl phthalate	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dimethoate	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dimethyl phthalate	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
Dimethyl-1,2-dibromo-2,2-dichloroethyl phospate	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Dimethylbenzene	0/74		2.00E-03 - 5.00E-01	NT	1.58E-02	mg/L
Dinoseb	0/4		2.00E-02 - 3.00E-02	NT	1.13E-02	mg/L
Diphenylamine	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Disulfoton	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
Endosulfan I	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
Endosulfan II	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
Endosulfan sulfate	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
Endrin	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
Endrin aldehyde	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=k MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Endrin ketone	0/5		1.00E-05 - 1.00E-05	NT	5.00E-06	mg/L
Ethion	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Ethyl cyanide	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Ethyl methacrylate	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
Ethyl methanesulfonate	0/4		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Ethylbenzene	0/74		2.00E-03 - 2.50E-01	NT	9.04E-03	mg/L
Fensulfothion	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Fenthion	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Fluoranthene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Fluorene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
HMX	0/1		1.00E-03 - 1.00E-03	NT	5.00E-04	mg/L
Heptachlor	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
Heptachlor epoxide	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
Hexachloro-1-propene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachloro-dibenzo[b,e][1,4]dioxin	0/5		9.00E-07 - 2.00E-06	NT	7.60E-07	mg/L
Hexachlorobenzene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorobutadiene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorocyclopentadiene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorodibenzofuran	0/5		9.00E-07 - 1.90E-06	NT	6.60E-07	mg/L
Hexachloroethane	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorophene	0/4		5.00E-01 - 5.00E-01	NT	2.50E-01	mg/L
Indeno(1,2,3-cd)pyrene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Iodomethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Isobutanol	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Isodrin	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Isophorone	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
Isosafrole	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Kepone	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Lindane	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
Merphos	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Methacrylonitrile	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Methapyrilene	0/4		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Methoxychlor	0/10		5.00E-05 - 1.70E-02	NT	8.90E-04	mg/L
Methyl methacrylate	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Methyl methanesulfonate	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
Methyl parathion	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Methylene chloride	8/9	1.00E-03 - 1.10E-02	5.00E-03 - 5.00E-03	N	3.42E-03	mg/L
Mocap	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
N-Nitroso-di-n-butylamine	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
N-Nitroso-di-n-propylamine	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=k MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
N-Nitrosodiethylamine	0/4		2.00E-02 - 3.00E-02	NT	1.13E-02	mg/L
N-Nitrosodimethylamine	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
N-Nitrosodiphenylamine	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
N-Nitrosomethylethylamine	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
N-Nitrosomorpholine	0/4		1.00E-02 - 4.00E-02	NT	8.75E-03	mg/L
N-Nitrosopiperidine	0/4		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
N-Nitrosopyrrolidine	0/4		4.00E-02 - 4.00E-02	NT	2.00E-02	mg/L
Naphthalene	1/10	7.00E-02 - 7.00E-02	1.00E-02 - 1.00E-02	N	8.00E-03	mg/L
Nitrobenzene	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
O,O,O-Triethylphosphorothioate	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
PCB-1016	0/10		1.00E-04 - 1.30E-02	NT	1.40E-03	mg/L
PCB-1221	0/10		1.00E-04 - 1.30E-02	NT	1.47E-03	mg/L
PCB-1232	0/10		1.00E-04 - 1.30E-02	NT	1.39E-03	mg/L
PCB-1242	0/10		1.00E-04 - 1.30E-02	NT	1.39E-03	mg/L
PCB-1248	0/10		1.00E-04 - 1.30E-02	NT	1.39E-03	mg/L
PCB-1254	0/10		1.00E-04 - 1.30E-02	NT	1.39E-03	mg/L
PCB-1260	0/10		1.00E-04 - 1.30E-02	NT	1.39E-03	mg/L
Parathion	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
Pentachloro-dibenzo[b,e][1,4]dioxin	0/5		9.00E-07 - 1.50E-06	NT	6.00E-07	mg/L
Pentachlorobenzene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pentachlorodibenzofuran	0/5		1.00E-06 - 1.20E-06	NT	5.50E-07	mg/L
Pentachloroethane	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pentachloronitrobenzene	0/4		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Pentachlorophenol	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
Phenacetin	0/4		2.00E-02 - 3.00E-02	NT	1.13E-02	mg/L
Phenanthrene	1/10	2.00E-03 - 2.00E-03	1.00E-02 - 1.00E-02	N	4.60E-03	mg/L
Phenol	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
Phorate	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Phosdrin	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Polychlorinated biphenyl	0/8		1.70E-04 - 1.70E-04	NT	1.70E-04	mg/L
Pronamide	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
Prothiophos	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Pyrene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pyridine	0/4		1.00E-02 - 5.00E-02	NT	1.00E-02	mg/L
Ronnel	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Silvex	0/4		2.00E-04 - 5.00E-04	NT	1.38E-04	mg/L
Styrene	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Sulfotepp	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Sulprofos	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Tetrachloro-dibenzo[b,e][1,4]dioxin	0/5		7.00E-07 - 1.00E-06	NT	4.50E-07	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=k MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Tetrachlorodibenzofuran	0/5		6.00E-07 - 9.00E-07	NT	3.50E-07	mg/L
Tetrachloroethene	0/70		5.00E-03 - 2.50E-01	NT	9.50E-03	mg/L
Tetrachlorovinphos	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Tetryl	0/1		1.00E-03 - 1.00E-03	NT	5.00E-04	mg/L
Thionazin	0/4		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Toluene	0/74		2.00E-03 - 2.50E-01	NT	9.04E-03	mg/L
Toxaphene	0/10		1.00E-04 - 1.70E-01	NT	8.86E-03	mg/L
Trans-1,4-Dichloro-2-butene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	22/81	1.00E-03 - 6.00E-01	1.00E-03 - 5.00E-03	N	1.96E-02	mg/L
Trichlorofluoromethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloronate	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Trinitrotoluene	0/3		6.00E-03 - 6.00E-03	NT	3.00E-03	mg/L
Vinyl acetate	0/5		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Vinyl chloride	1/70	1.50E-02 - 1.50E-02	5.00E-03 - 2.50E-01	N	2.66E-02	mg/L
a,a-Dimethylphenethylamine	0/4		2.00E-02 - 3.00E-02	NT	1.13E-02	mg/L
alpha-BHC	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
alpha-Chlordane	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
beta-BHC	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
cis-1,2-Dichloroethene	32/62	1.40E-02 - 4.20E+00	5.00E-03 - 5.00E-03	L	4.17E-02	mg/L
cis-1,3-Dichloropropene	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
delta-BHC	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
gamma-Chlordane	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
m,p-Xylene	0/5		2.00E-03 - 5.00E-03	NT	1.30E-03	mg/L
m-Nitrotoluene	0/1		2.50E-04 - 2.50E-04	NT	1.25E-04	mg/L
o-Toluidine	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
p-Dimethylaminoazobenzene	0/4		1.00E-02 - 3.00E-01	NT	4.13E-02	mg/L
p-Nitrotoluene	0/1		2.50E-04 - 2.50E-04	NT	1.25E-04	mg/L
p-Phenylenediamine	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
trans-1,2-Dichloroethene	0/62		5.00E-03 - 2.50E-01	NT	2.08E-02	mg/L
trans-1,3-Dichloropropene	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Alpha activity	72/93	1.00E-01 - 5.99E+01	-1.13E+01 - 1.04E+01	L	7.14E+00	pCi/L
Beta activity	78/93	1.00E+00 - 1.60E+02	-6.00E+00 - 3.13E+01	L	2.00E+01	pCi/L
Neptunium-237	3/8	4.00E-01 - 5.50E-01	-1.00E-01 - 0.00E+00	N	7.19E-02	pCi/L
Plutonium-238	1/1	1.00E-01 - 1.00E-01		NT	5.00E-02	pCi/L
Plutonium-239	1/8	1.00E-01 - 1.00E-01	0.00E+00 - 7.00E-02	L	4.32E-02	pCi/L
Plutonium-242	1/1	1.83E-02 - 1.83E-02		NT	9.15E-03	pCi/L
Radium-226	5/6	2.00E-01 - 8.00E-01	0.00E+00 - 0.00E+00	N	1.92E-01	pCi/L
Radon-222	30/30	9.00E+00 - 1.31E+03		L	2.74E+02	pCi/L
Technetium-99	67/93	9.17E-01 - 1.88E+02	-1.59E+01 - 9.40E-01	L	8.35E+00	pCi/L
Thorium-228	1/1	7.80E-01 - 7.80E-01		NT	3.90E-01	pCi/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=k MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Thorium-230	7/8	1.00E-01 - 7.90E-01	-3.00E-01 --3.00E-01	N	1.49E-01	pCi/L
Thorium-232	1/1	6.40E-01 - 6.40E-01		NT	3.20E-01	pCi/L
Uranium-234	11/14	1.80E-01 - 8.44E+00	1.30E-01 - 1.70E-01	L	9.68E-01	pCi/L
Uranium-235	5/11	6.00E-02 - 6.10E-01	3.00E-02 - 1.20E-01	L	1.15E-01	pCi/L
Uranium-238	12/14	1.60E-01 - 8.72E+00	1.20E-01 - 1.90E-01	L	1.06E+00	pCi/L

AREA_CODE=k MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Uranium	0/18		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Trichloroethene	0/3		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Alpha activity	25/27	3.00E-01 - 6.00E+00	-2.30E+00 --4.00E-01	N	1.33E+00	pCi/L
Beta activity	25/27	2.00E+00 - 1.20E+01	0.00E+00 - 1.00E+03	L	5.48E+00	pCi/L
Radon-222	5/6	3.80E+01 - 5.76E+02	0.00E+00 - 0.00E+00	N	8.99E+01	pCi/L
Technetium-99	8/31	6.00E+00 - 2.10E+01	0.00E+00 - 2.50E+01	N	2.12E+01	pCi/L

AREA_CODE=l MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	7/44	1.08E-01 - 1.50E+00	1.00E-01 - 1.00E+00	N	3.49E-01	mg/L
Antimony	1/26	1.85E-01 - 1.85E-01	6.00E-02 - 2.50E-01	N	8.30E-02	mg/L
Arsenic	0/18		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Barium	17/18	8.40E-02 - 1.70E-01	7.00E-02 - 7.00E-02	N	7.10E-02	mg/L
Beryllium	0/18		4.00E-03 - 2.50E-02	NT	6.61E-03	mg/L
Cadmium	0/18		1.00E-02 - 1.00E-01	NT	1.83E-02	mg/L
Calcium	48/48	1.17E+01 - 2.76E+01		N	8.92E+00	mg/L
Chloride	45/45	5.40E+00 - 5.51E+01		L	4.03E+00	mg/L
Chromium	0/16		5.00E-02 - 6.00E-02	NT	2.75E-02	mg/L
Cobalt	0/18		4.50E-02 - 1.00E-01	NT	2.67E-02	mg/L
Copper	2/18	1.60E-02 - 2.00E-02	1.00E-02 - 1.00E-01	L	1.06E-02	mg/L
Fluoride	25/25	1.40E-01 - 1.80E-01		N	1.63E-01	mg/L
Iron	47/48	2.34E+00 - 1.66E+01	3.00E-01 - 3.00E-01	N	5.17E+00	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Lead	0/16		5.00E-02 - 2.50E-01	NT	8.16E-02	mg/L
Magnesium	48/48	5.60E+00 - 1.23E+01		L	3.90E+00	mg/L
Manganese	47/48	2.07E-01 - 9.11E-01	2.00E-02 - 2.00E-02	N	3.11E-01	mg/L
Mercury	0/17		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Molybdenum	0/14		5.00E-02 - 1.00E-01	NT	3.11E-02	mg/L
Nickel	0/18		5.00E-02 - 1.00E-01	NT	4.17E-02	mg/L
Nitrate as Nitrogen	1/45	5.60E+00 - 5.60E+00	1.00E+00 - 1.00E+00	N	5.51E-01	mg/L
Potassium	25/44	4.37E+00 - 1.23E+01	5.00E+00 - 1.05E+01	L	6.14E+00	mg/L
Selenium	0/18		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Silica	35/35	5.00E+00 - 3.40E+01		L	9.00E+00	mg/L
Silver	0/10		5.00E-02 - 6.00E-02	NT	2.80E-02	mg/L
Sodium	48/48	1.50E+01 - 3.81E+01		L	1.31E+01	mg/L
Sulfate	0/1		5.00E+00 - 5.00E+00	NT	2.50E+00	mg/L
Tetraoxo-sulfate(1-)	27/41	1.40E+00 - 2.89E+01	5.00E+00 - 5.00E+00	L	1.22E+01	mg/L
Thallium	1/8	1.02E+00 - 1.02E+00	5.60E-02 - 4.70E-01	L	1.51E-01	mg/L
Tin	0/1		2.80E-01 - 2.80E-01	NT	1.40E-01	mg/L
Total Phosphate as Phosphorus	0/35		2.00E+00 - 2.00E+00	NT	1.00E+00	mg/L
Uranium	0/19		1.00E-03 - 1.00E-03	NT	1.00E-03	mg/L
Vanadium	5/8	4.00E-02 - 6.60E-02	5.00E-02 - 5.00E-02	L	5.21E-02	mg/L
Zinc	14/18	3.70E-02 - 1.90E-01	1.00E-01 - 2.50E-01	L	1.00E-01	mg/L
1,1,1-Trichloroethane	0/52		5.00E-03 - 1.00E+00	NT	1.21E-02	mg/L
1,1,2,2-Tetrachloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/51		5.00E-03 - 1.00E+00	NT	1.23E-02	mg/L
1,1-Dichloroethane	0/51		5.00E-03 - 1.00E+00	NT	1.23E-02	mg/L
1,1-Dichloroethene	0/52		5.00E-03 - 1.00E+00	NT	1.21E-02	mg/L
1,2-Dichloroethane	0/52		5.00E-03 - 1.00E+00	NT	1.21E-02	mg/L
1,2-Dichloroethene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloropropane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,3-Dichlorobenzene	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
2-Butanone	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
2-Hexanone	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Methyl-2-pentanone	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Acetone	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Benzene	0/51		5.00E-03 - 1.00E+00	NT	1.23E-02	mg/L
Bromodichloromethane	0/51		5.00E-03 - 1.00E+00	NT	1.23E-02	mg/L
Bromoform	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromomethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Carbon tetrachloride	0/52		5.00E-03 - 1.00E+00	NT	1.21E-02	mg/L
Chlorobenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Chloroethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chloroform	0/51		5.00E-03 - 1.00E+00	NT	1.23E-02	mg/L
Chloromethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibromochloromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dimethylbenzene	0/51		5.00E-03 - 1.00E+00	NT	1.35E-02	mg/L
Ethylbenzene	0/51		5.00E-03 - 1.00E+00	NT	1.23E-02	mg/L
Methylene chloride	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Styrene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Tetrachloroethene	0/51		5.00E-03 - 1.00E+00	NT	1.23E-02	mg/L
Toluene	0/51		5.00E-03 - 1.00E+00	NT	1.23E-02	mg/L
Trichloroethene	5/58	1.00E-03 - 9.60E+00	1.00E-03 - 5.00E-03	N	1.67E-01	mg/L
Vinyl acetate	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Vinyl chloride	0/51		5.00E-03 - 1.00E+00	NT	2.72E-02	mg/L
cis-1,2-Dichloroethene	0/51		5.00E-03 - 2.00E+00	NT	6.36E-02	mg/L
cis-1,3-Dichloropropene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
trans-1,2-Dichloroethene	0/51		5.00E-03 - 2.00E+00	NT	6.36E-02	mg/L
trans-1,3-Dichloropropene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Alpha activity	41/50	2.00E-01 - 7.30E+00	-3.11E+01 - 0.00E+00	L	3.08E+00	pCi/L
Beta activity	49/50	1.00E+00 - 1.48E+03	0.00E+00 - 0.00E+00	L	1.69E+01	pCi/L
Neptunium-237	6/10	1.00E-01 - 4.00E-01	-3.00E-01 - 0.00E+00	N	5.50E-02	pCi/L
Plutonium-238	1/2	5.00E-02 - 5.00E-02	-1.00E-01 --1.00E-01	N	-1.25E-02	pCi/L
Plutonium-239	1/7	1.00E-01 - 1.00E-01	0.00E+00 - 0.00E+00	N	7.14E-03	pCi/L
Plutonium-239/240	0/1		-1.21E-02 --1.21E-02	NT	-6.05E-03	pCi/L
Radium-226	8/9	1.00E-01 - 8.60E-01	0.00E+00 - 0.00E+00	N	2.31E-01	pCi/L
Radon-222	44/44	2.20E+01 - 2.91E+02		L	5.76E+01	pCi/L
Technetium-99	39/58	5.00E-01 - 1.95E+03	-1.20E+01 - 0.00E+00	L	1.38E+01	pCi/L
Thorium-230	6/9	1.00E-02 - 8.00E-01	-1.41E-01 - 0.00E+00	L	2.95E-01	pCi/L

AREA_CODE=1 MEDIA=Other Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,1,1,2-Tetrachloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,1-Trichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2,2-Tetrachloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1-Dichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,1-Dichloroethene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2,3-Trichloropropane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dibromo-3-chloropropane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dibromoethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloroethene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloropropane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,4-Dioxane	0/1		1.50E-01 - 1.50E-01	NT	7.50E-02	mg/L
2-Butanone	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
2-Chloro-1,3-butadiene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
2-Chloroethyl vinyl ether	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Hexanone	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Methyl-2-pentanone	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Acetone	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Acetonitrile	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Acrolein	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Acrylonitrile	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Allyl chloride	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Benzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromodichloromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromoform	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromomethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Carbon tetrachloride	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chlorobenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chloroform	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloromethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibromochloromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dibromomethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dichlorodifluoromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dimethylbenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Ethyl cyanide	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Ethyl methacrylate	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Ethylbenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Iodomethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Isobutanol	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Methacrylonitrile	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Methyl methacrylate	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Methylene chloride	1/1	5.00E-03 - 5.00E-03		NT	2.50E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Pentachloroethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Styrene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Tetrachloroethene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Toluene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trans-1,4-Dichloro-2-butene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	0/1		5.00E-03 - 5.00E-03	NT	5.00E-03	mg/L
Trichlorofluoromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Vinyl acetate	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Vinyl chloride	0/1		1.00E-02 - 1.00E-02	NT	1.00E-02	mg/L
cis-1,3-Dichloropropene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
trans-1,3-Dichloropropene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L

AREA_CODE=1 MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	177/395	6.59E-02 - 1.43E+02	1.50E-02 - 1.00E+00	N	1.16E+00	mg/L
Antimony	0/314		1.80E-03 - 2.50E-01	NT	7.08E-02	mg/L
Arsenic	34/576	2.38E-03 - 1.40E-01	1.00E-03 - 5.00E-03	N	2.97E-03	mg/L
Barium	242/252	1.00E-02 - 2.20E+00	5.00E-02 - 7.00E-02	L	2.18E-01	mg/L
Beryllium	12/255	3.00E-04 - 1.40E-02	2.00E-04 - 1.00E-01	N	5.47E-03	mg/L
Cadmium	6/590	5.56E-04 - 2.13E-01	2.67E-04 - 3.00E-01	N	8.55E-03	mg/L
Calcium	485/485	2.88E+00 - 4.87E+01		N	1.24E+01	mg/L
Chloride	452/452	2.90E+00 - 5.86E+02		N	2.42E+01	mg/L
Chromium	85/585	2.40E-03 - 8.62E+00	2.00E-03 - 6.00E-02	N	4.37E-02	mg/L
Chromium, hexavalent	0/17		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Cobalt	11/249	4.60E-03 - 9.00E-02	1.78E-03 - 3.50E-01	N	2.45E-02	mg/L
Copper	26/260	4.10E-03 - 1.31E-01	2.00E-03 - 4.50E-01	N	1.42E-02	mg/L
Cyanide	0/10		3.00E-03 - 1.00E-02	NT	2.80E-03	mg/L
Fluoride	210/317	1.00E-01 - 7.20E+00	1.00E-01 - 1.00E+00	N	1.93E-01	mg/L
Iron	360/490	1.80E-02 - 7.20E+02	1.00E-02 - 5.00E-01	N	3.69E+00	mg/L
Lead	21/490	2.40E-03 - 4.32E-01	1.00E-03 - 2.50E-01	N	4.62E-02	mg/L
Magnesium	491/491	8.79E-01 - 4.72E+01		N	5.02E+00	mg/L
Manganese	345/482	2.50E-03 - 8.20E+00	5.00E-03 - 1.00E-01	N	3.45E-01	mg/L
Mercury	1/472	3.00E-04 - 3.00E-04	2.00E-04 - 4.70E-02	N	3.18E-04	mg/L
Molybdenum	5/165	1.50E-02 - 1.00E-01	4.40E-03 - 1.00E-01	N	2.78E-02	mg/L
Nickel	94/266	7.40E-03 - 6.73E-01	4.20E-03 - 1.00E+00	N	5.74E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Nitrate as Nitrogen	273/438	1.00E+00 - 3.93E+01	1.00E+00 - 1.00E+00	N	1.28E+00	mg/L
Nitrate/Nitrite	6/6	5.00E-02 - 9.40E+00		N	9.37E-01	mg/L
Potassium	77/445	1.10E-01 - 2.44E+01	2.00E+00 - 3.00E+01	N	2.95E+00	mg/L
Selenium	5/489	1.00E-03 - 4.76E-01	1.00E-03 - 1.50E-02	N	2.99E-03	mg/L
Silica	243/243	1.10E+01 - 4.50E+01		L	1.01E+01	mg/L
Silver	2/124	2.60E-03 - 5.70E-03	2.00E-03 - 6.00E-02	N	2.47E-02	mg/L
Sodium	490/490	3.71E+00 - 2.66E+02		L	1.46E+01	mg/L
Strontium	3/3	3.20E-01 - 3.33E-01		N	1.62E-01	mg/L
Sulfate	31/31	2.90E+00 - 4.20E+01		L	8.00E+00	mg/L
Tetraoxo-sulfate(1-)	399/417	1.80E+00 - 2.24E+02	2.00E+00 - 5.00E+00	N	8.02E+00	mg/L
Thallium	1/143	2.38E-01 - 2.38E-01	4.67E-04 - 4.70E-01	N	6.15E-02	mg/L
Tin	4/14	1.80E-02 - 8.00E-01	1.70E-02 - 2.80E-01	L	6.35E-02	mg/L
Total Phosphate as Phosphorus	12/268	1.70E+00 - 3.49E+01	2.00E+00 - 2.00E+00	N	1.12E+00	mg/L
Uranium	28/622	2.90E-04 - 1.90E-01	8.00E-05 - 9.20E-02	N	3.78E-03	mg/L
Vanadium	109/150	1.40E-03 - 9.50E-01	1.00E-03 - 2.50E-01	N	3.85E-02	mg/L
Zinc	100/262	5.00E-03 - 1.00E+00	5.00E-03 - 2.50E-01	N	2.33E-02	mg/L
1,1,1,2-Tetrachloroethane	0/6		5.00E-03 - 1.30E+01	NT	1.14E+00	mg/L
1,1,1-Trichloroethane	0/627		5.00E-03 - 5.00E+01	NT	1.05E+00	mg/L
1,1,2,2-Tetrachloroethane	0/23		1.20E-03 - 1.30E+01	NT	2.98E-01	mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	2/4	8.80E-04 - 5.70E-03	3.60E-04 - 3.60E-04	N	9.13E-04	mg/L
1,1,2-Trichloroethane	1/659	2.00E-03 - 2.00E-03	5.00E-03 - 5.00E+01	N	9.32E-01	mg/L
1,1-Dichloroethane	1/602	4.10E-03 - 4.10E-03	5.00E-03 - 5.00E+01	N	3.35E-01	mg/L
1,1-Dichloroethene	4/604	1.30E-03 - 6.50E-02	5.00E-03 - 5.00E+01	N	3.39E-01	mg/L
1,2,3-Trichloropropane	0/6		1.30E-02 - 1.30E+01	NT	1.14E+00	mg/L
1,2,4,5-Tetrachlorobenzene	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
1,2,4-Trichlorobenzene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
1,2-Dibromo-3-chloropropane	0/2		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,2-Dibromoethane	0/6		5.00E-03 - 1.30E+01	NT	1.14E+00	mg/L
1,2-Dichlorobenzene	0/16		2.00E-04 - 1.00E-02	NT	3.71E-03	mg/L
1,2-Dichloroethane	1/667	1.10E-03 - 1.10E-03	1.00E-03 - 5.00E+01	N	9.33E-01	mg/L
1,2-Dichloroethene	0/14		5.00E-03 - 1.25E+00	NT	6.46E-02	mg/L
1,2-Dichloropropane	0/23		2.60E-04 - 1.30E+01	NT	2.98E-01	mg/L
1,2-Dimethylbenzene	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
1,3,5-Trinitrobenzene	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
1,3-Dichlorobenzene	0/24		2.40E-04 - 1.00E-01	NT	8.62E-03	mg/L
1,3-Dinitrobenzene	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
1,4-Dichlorobenzene	0/16		2.20E-04 - 1.00E-02	NT	3.72E-03	mg/L
1,4-Dioxane	0/2		2.00E-01 - 2.00E-01	NT	1.00E-01	mg/L
1,4-Naphthoquinone	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
1-Naphthalenamine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
2,3,4,6-Tetrachlorophenol	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2,4,5-Trichlorophenol	0/12		9.00E-03 - 5.00E-02	NT	1.16E-02	mg/L
2,4,6-Trichlorophenol	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
2,4-Dichlorophenol	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
2,4-Dimethylphenol	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
2,4-Dinitrophenol	0/12		9.00E-03 - 5.00E-02	NT	2.13E-02	mg/L
2,4-Dinitrotoluene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
2,6-Dichlorophenol	0/1		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2,6-Dinitrotoluene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
2-Acetylaminofluorene	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Butanone	0/22		3.40E-03 - 2.50E+01	NT	6.26E-01	mg/L
2-Chloro-1,3-butadiene	0/6		5.00E-03 - 1.30E+01	NT	1.14E+00	mg/L
2-Chloroethyl vinyl ether	0/8		5.00E-03 - 2.50E+01	NT	1.65E+00	mg/L
2-Chloronaphthalene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
2-Chlorophenol	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
2-Hexanone	0/23		1.10E-03 - 2.50E+01	NT	5.86E-01	mg/L
2-Methyl-4,6-dinitrophenol	0/12		9.00E-03 - 5.00E-02	NT	2.13E-02	mg/L
2-Methylnaphthalene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
2-Methylphenol	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
2-Methylpyridine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Naphthalenamine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Nitrobenzenamine	0/12		9.00E-03 - 5.00E-02	NT	2.13E-02	mg/L
2-Nitrophenol	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
2-Propanol	0/3		1.40E-01 - 5.40E+00	NT	1.16E+00	mg/L
3,3'-Dichlorobenzidine	0/12		9.00E-03 - 2.00E-02	NT	7.42E-03	mg/L
3,3'-Dimethylbenzidine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
3-Methylcholanthrene	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
3-Nitrobenzenamine	0/12		9.00E-03 - 5.00E-02	NT	2.13E-02	mg/L
4,4'-DDD	0/6		1.00E-05 - 1.00E-04	NT	2.00E-05	mg/L
4,4'-DDE	0/6		1.00E-05 - 1.00E-04	NT	2.00E-05	mg/L
4,4'-DDT	0/6		1.00E-05 - 1.00E-04	NT	2.00E-05	mg/L
4-Aminobiphenyl	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
4-Bromophenyl phenyl ether	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
4-Chloro-3-methylphenol	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
4-Chlorobenzenamine	0/12		9.00E-03 - 2.00E-02	NT	5.75E-03	mg/L
4-Chlorophenyl phenyl ether	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
4-Methyl-2-pentanone	1/22	2.50E-03 - 2.50E-03	1.10E-03 - 2.50E+01	L	2.21E-01	mg/L
4-Methylphenol	0/12		1.00E-02 - 3.80E-02	NT	7.33E-03	mg/L
4-Nitrobenzenamine	0/12		9.00E-03 - 5.00E-02	NT	2.12E-02	mg/L
4-Nitrophenol	0/12		9.00E-03 - 5.00E-02	NT	2.13E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
4-Nitroquinoline-1-oxide	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
5-(2-Propenyl)-1,3-benzodioxole (Safrole)	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
5-Nitro-o-toluidine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
7,12-Dimethylbenz(a)anthracene	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Acenaphthene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Acenaphthylene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Acetone	4/24	5.40E-03 - 2.30E-02	1.40E-03 - 2.50E+01	L	8.19E-03	mg/L
Acetonitrile	0/2		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Acetophenone	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Acrolein	0/6		2.00E-02 - 1.30E+02	NT	1.14E+01	mg/L
Acrylonitrile	0/6		2.00E-02 - 1.30E+02	NT	1.14E+01	mg/L
Aldrin	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
Allyl chloride	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Aniline	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Anthracene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Aramite	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Benz(a)anthracene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Benzene	0/627		5.00E-03 - 5.00E+01	NT	3.22E-01	mg/L
Benzenemethanol	0/8		9.00E-03 - 2.00E-02	NT	6.13E-03	mg/L
Benzo(a)pyrene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Benzo(b)fluoranthene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Benzo(ghi)perylene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Benzo(k)fluoranthene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Benzoic acid	0/6		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Benzyl Chloride	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bis(2-chloroethoxy)methane	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Bis(2-chloroethyl) ether	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Bis(2-chloroisopropyl)ether	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Bis(2-ethylhexyl)phthalate	2/12	1.00E-03 - 2.00E-03	9.00E-03 - 1.00E-02	N	4.21E-03	mg/L
Bromodichloromethane	0/665		5.00E-03 - 5.00E+01	NT	9.64E-01	mg/L
Bromoform	0/25		4.40E-04 - 1.30E+01	NT	3.03E-01	mg/L
Bromomethane	0/23		2.50E-04 - 2.50E+01	NT	5.74E-01	mg/L
Butyl benzyl phthalate	1/12	1.00E-03 - 1.00E-03	9.00E-03 - 1.00E-02	N	4.54E-03	mg/L
Carbazole	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Carbon disulfide	0/22		3.30E-04 - 1.30E+01	NT	3.25E-01	mg/L
Carbon tetrachloride	4/668	1.20E-02 - 1.60E-01	5.00E-03 - 5.00E+01	N	9.62E-01	mg/L
Chlordene	0/2		1.00E-03 - 1.00E-03	NT	5.00E-04	mg/L
Chlorobenzene	1/22	2.00E-03 - 2.00E-03	4.90E-04 - 1.30E+01	L	5.20E-02	mg/L
Chlorobenzilate	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Chloroethane	0/30		1.40E-03 - 2.50E+01	NT	5.11E-01	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Chloroform	6/666	1.00E-03 - 1.40E-02	5.00E-03 - 5.00E+01	N	9.64E-01	mg/L
Chloromethane	0/23		3.70E-04 - 2.50E+01	NT	5.74E-01	mg/L
Chrysene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Di-n-butyl phthalate	2/12	8.00E-03 - 2.10E-02	1.00E-02 - 1.00E-02	L	6.95E-03	mg/L
Di-n-octylphthalate	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Diallate	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Dibenz(a,h)anthracene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Dibenzofuran	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Dibromochloromethane	0/22		4.30E-04 - 1.30E+01	NT	3.12E-01	mg/L
Dibromomethane	0/6		5.00E-03 - 1.30E+01	NT	1.14E+00	mg/L
Dichlorodifluoromethane	0/6		5.00E-03 - 1.30E+01	NT	1.14E+00	mg/L
Dichloroethene	0/3		5.00E-01 - 5.00E+01	NT	1.68E+01	mg/L
Dieldrin	0/6		1.00E-05 - 1.00E-04	NT	2.00E-05	mg/L
Diethyl phthalate	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Dimethoate	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Dimethyl phthalate	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Dimethylbenzene	1/627	2.20E+00 - 2.20E+00	5.00E-03 - 1.00E+02	N	5.60E-01	mg/L
Dinoseb	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Diphenylamine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Disulfoton	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Endosulfan I	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
Endosulfan II	0/6		1.00E-05 - 1.00E-04	NT	2.00E-05	mg/L
Endosulfan sulfate	0/6		1.00E-05 - 1.00E-04	NT	2.00E-05	mg/L
Endrin	0/6		1.00E-05 - 1.00E-04	NT	2.00E-05	mg/L
Endrin aldehyde	0/6		1.00E-05 - 1.00E-04	NT	2.00E-05	mg/L
Endrin ketone	0/5		1.00E-05 - 1.00E-05	NT	5.00E-06	mg/L
Ethane	8/15	1.00E-03 - 1.97E-01	3.00E-02 - 3.00E-02	L	2.49E-02	mg/L
Ethyl cyanide	0/6		1.00E-02 - 2.50E+02	NT	2.19E+01	mg/L
Ethyl methacrylate	0/6		5.00E-03 - 1.30E+01	NT	1.14E+00	mg/L
Ethyl methanesulfonate	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Ethylbenzene	1/628	8.70E-01 - 8.70E-01	5.00E-03 - 5.00E+01	N	3.22E-01	mg/L
Ethylene	8/15	7.00E-03 - 4.17E+00	3.00E-02 - 3.00E-02	L	8.38E-02	mg/L
Famphur	0/1		9.00E+00 - 9.00E+00	NT	4.50E+00	mg/L
Fluoranthene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Fluorene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Heptachlor	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
Heptachlor epoxide	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
Hexachloro-1-propene	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Hexachlorobenzene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Hexachlorobutadiene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Hexachlorocyclopentadiene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Hexachloroethane	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Hexachlorophene	0/2		1.90E-01 - 1.90E-01	NT	9.50E-02	mg/L
Indeno(1,2,3-cd)pyrene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Iodomethane	0/6		5.00E-03 - 1.30E+01	NT	1.14E+00	mg/L
Isobutanol	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Isodrin	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Isophorone	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Isosafrole	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Kepone	0/2		1.90E-01 - 1.90E-01	NT	9.50E-02	mg/L
Lindane	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
Methacrylonitrile	0/6		5.00E-03 - 1.30E+01	NT	1.14E+00	mg/L
Methapyrilene	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Methoxychlor	0/6		1.00E-04 - 5.00E-04	NT	1.17E-04	mg/L
Methyl methacrylate	0/6		5.00E-03 - 1.30E+01	NT	1.14E+00	mg/L
Methyl methanesulfonate	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Methyl parathion	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Methylene chloride	8/22	4.00E-03 - 1.30E-01	3.50E-04 - 1.30E+01	L	3.85E-03	mg/L
N-Nitroso-di-n-butylamine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitroso-di-n-propylamine	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
N-Nitrosodiethylamine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosodimethylamine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosodiphenylamine	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
N-Nitrosomethylethylamine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosomorpholine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosopiperidine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosopyrrolidine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Naphthalene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Nitrobenzene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
O,O,O-Triethylphosphorothioate	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
PCB-1016	0/6		1.00E-04 - 1.00E-03	NT	4.27E-04	mg/L
PCB-1221	0/6		1.00E-04 - 2.00E-03	NT	7.83E-04	mg/L
PCB-1232	0/6		1.00E-04 - 1.00E-03	NT	4.10E-04	mg/L
PCB-1242	0/6		1.00E-04 - 1.00E-03	NT	4.10E-04	mg/L
PCB-1248	0/6		1.00E-04 - 1.00E-03	NT	4.10E-04	mg/L
PCB-1254	0/6		1.00E-04 - 1.00E-03	NT	4.10E-04	mg/L
PCB-1260	0/6		1.00E-04 - 1.00E-03	NT	4.10E-04	mg/L
Parathion	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Pentachlorobenzene	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Pentachloroethane	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Pentachloronitrobenzene	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Pentachlorophenol	0/12		9.00E-03 - 5.00E-02	NT	2.13E-02	mg/L
Phenacetin	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Phenanthrene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Phenol	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Phorate	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Polychlorinated biphenyl	0/36		1.00E-04 - 1.70E-04	NT	1.37E-04	mg/L
Pronamide	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Pyrene	0/12		9.00E-03 - 1.00E-02	NT	4.92E-03	mg/L
Pyridine	0/2		9.00E-03 - 9.00E+01	NT	2.25E+01	mg/L
Styrene	0/23		4.00E-04 - 1.30E+01	NT	2.98E-01	mg/L
Sulfotepp	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Tetrachloroethene	7/689	1.90E-03 - 3.20E-01	5.00E-03 - 5.00E+01	N	1.59E+00	mg/L
Thionazin	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Toluene	3/628	1.00E-03 - 1.10E-02	5.00E-03 - 5.00E+01	N	3.21E-01	mg/L
Toxaphene	0/6		1.00E-04 - 5.00E-03	NT	1.09E-03	mg/L
Trans-1,4-Dichloro-2-butene	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
Trichloroethene	816/1E3	7.00E-04 - 4.60E+02	1.00E-03 - 1.00E+00	N	1.14E+01	mg/L
Trichlorofluoromethane	0/8		5.00E-03 - 1.30E+01	NT	8.54E-01	mg/L
Vinyl acetate	0/15		5.00E-03 - 1.30E+01	NT	4.67E-01	mg/L
Vinyl chloride	2/680	2.50E+00 - 6.30E+00	1.30E-03 - 1.00E+02	N	3.53E+00	mg/L
a,a-Dimethylphenethylamine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
alpha-BHC	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
alpha-Chlordane	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
beta-BHC	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
cis-1,2-Dichloroethene	25/670	1.10E-03 - 4.20E+00	4.70E-04 - 5.00E+01	N	1.77E+00	mg/L
cis-1,3-Dichloropropene	0/22		4.00E-04 - 1.30E+01	NT	3.12E-01	mg/L
cis-1,4-Dichloro-2-Butene	0/2		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
delta-BHC	0/6		5.00E-06 - 5.00E-05	NT	1.04E-05	mg/L
gamma-Chlordane	0/6		5.00E-06 - 1.00E-03	NT	9.29E-05	mg/L
m,p-Xylene	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
o-Toluidine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
p-Dimethylaminoazobenzene	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
p-Phenylenediamine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
trans-1,2-Dichloroethene	4/666	4.90E-04 - 1.20E+00	4.80E-04 - 5.00E+01	N	1.77E+00	mg/L
trans-1,3-Dichloropropene	0/23		4.70E-04 - 1.30E+01	NT	2.98E-01	mg/L
Alpha activity	606/885	7.00E-02 - 6.59E+01	-1.59E+02 - 1.00E+03	N	4.45E+01	pCi/L
Americium-241	13/21	1.00E-02 - 3.50E+00	-1.30E+00 - 2.30E-01	L	4.02E-01	pCi/L
Beta activity	794/885	1.00E+00 - 9.83E+03	-1.00E+01 - 1.00E+03	N	2.19E+02	pCi/L
Cesium-137	9/36	1.00E-01 - 2.07E+01	-2.70E+00 - 1.87E+04	L	1.72E+00	pCi/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Cobalt-60	8/11	2.00E-01 - 2.30E+00	-6.00E-01 --2.00E-01	L	8.75E-01	pCi/L
Neptunium-237	36/58	3.00E-02 - 1.44E+01	-7.34E-01 - 2.04E+00	L	3.94E-01	pCi/L
Plutonium-238	9/13	1.00E-02 - 7.00E-02	-1.40E-01 - 0.00E+00	N	6.54E-03	pCi/L
Plutonium-239	12/38	1.00E-02 - 2.00E-01	-1.26E-01 - 0.00E+00	L	8.51E-02	pCi/L
Plutonium-239/240	5/7	8.87E-04 - 3.06E-02	-3.99E-03 --3.54E-03	L	9.95E-03	pCi/L
Protactinium-234	0/6		-2.80E+01 --9.30E-01	NT	-7.25E+00	pCi/L
Radium-226	40/45	6.00E-02 - 7.39E+02	0.00E+00 - 0.00E+00	L	1.96E+00	pCi/L
Radon-222	311/311	1.10E+01 - 9.48E+03		N	1.77E+02	pCi/L
Technetium-99	1E3/2E3	2.00E-01 - 1.67E+04	-1.00E+01 - 8.80E-01	N	3.12E+02	pCi/L
Thorium-230	41/52	2.69E-02 - 4.70E+00	-5.00E-01 - 6.00E-02	L	4.78E-01	pCi/L
Uranium-234	24/32	3.00E-02 - 2.00E+02	5.00E-02 - 5.00E-01	L	8.38E-01	pCi/L
Uranium-235	10/22	1.00E-02 - 9.96E+00	-1.00E-02 - 8.00E-02	L	6.55E-02	pCi/L
Uranium-235/236	8/10	1.00E-02 - 3.50E-01	0.00E+00 - 0.00E+00	L	8.60E-02	pCi/L
Uranium-238	21/29	1.00E-02 - 2.11E+02	-1.00E-02 - 3.00E-01	L	7.31E-01	pCi/L

AREA_CODE=1 MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	129/151	6.80E-02 - 6.24E+01	1.00E-01 - 1.00E+00	L	2.10E+00	mg/L
Ammonia as Nitrogen	2/4	6.00E-02 - 1.60E-01	3.00E-02 - 3.00E-02	N	3.50E-02	mg/L
Antimony	3/133	2.48E-02 - 2.79E-02	2.40E-03 - 2.50E-01	N	4.50E-02	mg/L
Arsenic	69/263	2.30E-03 - 4.53E-01	1.00E-03 - 5.00E-03	N	1.13E-02	mg/L
Barium	126/134	1.80E-02 - 8.88E-01	5.00E-02 - 7.00E-02	L	2.57E-01	mg/L
Beryllium	5/127	2.00E-04 - 1.70E-03	2.00E-04 - 2.50E-02	N	3.36E-03	mg/L
Cadmium	6/269	1.20E-02 - 1.80E-02	2.67E-04 - 1.00E-01	N	6.94E-03	mg/L
Calcium	164/164	1.50E+00 - 3.78E+02		L	2.25E+01	mg/L
Chloride	161/162	4.20E+00 - 6.29E+02	2.00E+00 - 2.00E+00	L	1.03E+02	mg/L
Chromium	46/262	2.70E-03 - 1.36E+00	1.00E-02 - 6.00E-02	N	3.00E-02	mg/L
Chromium, hexavalent	0/17		1.00E-02 - 2.50E-01	NT	2.21E-02	mg/L
Cobalt	9/125	2.00E-03 - 6.76E-02	5.00E-03 - 1.00E-01	N	2.33E-02	mg/L
Copper	16/127	2.00E-03 - 3.30E-02	8.70E-03 - 1.00E-01	N	7.59E-03	mg/L
Cyanide	2/9	5.00E-03 - 1.00E-02	2.40E-03 - 6.00E-03	L	2.13E-03	mg/L
Fluoride	85/134	1.00E-01 - 2.40E+00	2.00E-02 - 2.00E-01	N	1.96E-01	mg/L
Iron	158/170	1.50E-02 - 3.44E+02	2.50E-01 - 5.00E-01	L	3.59E+00	mg/L
Kjeldahl Nitrogen	3/4	6.78E-01 - 8.95E+00	8.00E+00 - 8.00E+00	N	2.39E+00	mg/L
Lead	10/193	1.80E-03 - 1.38E+00	1.00E-03 - 2.50E-01	N	3.94E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Magnesium	173/173	5.85E-01 - 9.40E+01		L	1.07E+01	mg/L
Manganese	143/168	8.00E-03 - 2.70E+01	5.00E-03 - 1.00E-01	L	3.93E-01	mg/L
Mercury	2/180	2.00E-04 - 3.00E-04	2.00E-04 - 4.70E-02	N	5.11E-04	mg/L
Molybdenum	1/105	1.00E-02 - 1.00E-02	4.40E-03 - 1.00E-01	N	2.49E-02	mg/L
Nickel	48/137	8.20E-03 - 2.30E+00	5.00E-02 - 1.00E-01	N	1.05E-01	mg/L
Nitrate as Nitrogen	40/150	1.00E+00 - 2.69E+01	1.00E+00 - 1.00E+00	N	6.98E-01	mg/L
Nitrate/Nitrite	7/9	9.90E-03 - 9.38E+00	5.00E-02 - 5.00E-02	L	5.07E-01	mg/L
Orthophosphate	3/3	1.50E-01 - 1.60E-01		N	7.83E-02	mg/L
Phosphorous	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Potassium	32/165	4.54E-01 - 2.98E+01	1.80E-02 - 1.05E+01	N	2.34E+00	mg/L
Selenium	9/183	1.70E-03 - 1.60E-02	1.00E-03 - 1.50E-02	N	2.52E-03	mg/L
Silica	87/87	9.00E+00 - 7.90E+01		L	1.58E+01	mg/L
Silver	3/27	3.30E-03 - 5.00E-03	2.00E-03 - 6.00E-02	L	2.77E-03	mg/L
Sodium	173/173	5.03E+00 - 2.81E+02		L	5.33E+01	mg/L
Strontium	9/10	7.46E-01 - 1.64E+00	1.21E+00 - 1.21E+00	L	1.12E+00	mg/L
Sulfate	17/18	5.20E+00 - 2.19E+02	3.00E+01 - 3.00E+01	L	7.68E+01	mg/L
Sulfide	3/4	1.20E+00 - 6.40E+01	1.00E+00 - 1.00E+00	N	8.53E+00	mg/L
Tetraoxo-sulfate(1-)	138/143	5.00E+00 - 6.95E+02	5.00E+00 - 5.00E+00	L	8.23E+01	mg/L
Thallium	2/108	7.30E-03 - 9.10E-02	4.67E-04 - 4.70E-01	N	4.58E-02	mg/L
Tin	1/5	2.60E-02 - 2.60E-02	1.00E-02 - 2.80E-01	N	3.50E-02	mg/L
Total Phosphate as Phosphorus	0/48		1.00E-01 - 2.00E+00	NT	9.44E-01	mg/L
Uranium	41/226	2.80E-04 - 1.30E-01	1.00E-03 - 9.20E-02	N	9.31E-03	mg/L
Vanadium	94/110	1.80E-03 - 7.11E-01	1.00E-03 - 5.00E-02	N	6.75E-02	mg/L
Zinc	66/128	2.70E-03 - 9.90E-02	5.00E-03 - 2.50E-01	L	1.49E-02	mg/L
1,1,1,2-Tetrachloroethane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
1,1,1-Trichloroethane	2/106	3.00E-03 - 1.60E-02	3.60E-04 - 5.00E+01	N	3.91E-01	mg/L
1,1,2,2-Tetrachloroethane	0/14		1.20E-03 - 1.30E+01	NT	4.66E-01	mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	0/3		3.60E-04 - 3.60E-04	NT	1.80E-04	mg/L
1,1,2-Trichloroethane	0/146		5.30E-04 - 5.00E+01	NT	1.94E+00	mg/L
1,1-Dichloroethane	3/108	1.10E-03 - 1.20E-02	3.70E-04 - 5.00E+01	N	3.86E-01	mg/L
1,1-Dichloroethene	10/125	1.60E-03 - 2.00E-01	4.40E-04 - 5.00E+01	N	3.55E-01	mg/L
1,2,3-Trichloropropane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
1,2,4,5-Tetrachlorobenzene	0/3		4.30E-03 - 4.30E-03	NT	2.15E-03	mg/L
1,2,4-Trichlorobenzene	0/10		1.10E-03 - 1.00E-02	NT	3.67E-03	mg/L
1,2-Dibromoethane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
1,2-Dichlorobenzene	0/10		3.20E-04 - 1.00E-02	NT	3.55E-03	mg/L
1,2-Dichloroethane	1/152	2.00E-03 - 2.00E-03	2.70E-04 - 5.00E+01	N	1.90E+00	mg/L
1,2-Dichloroethene	2/10	5.00E-03 - 1.40E-02	5.00E-03 - 5.00E-03	N	2.95E-03	mg/L
1,2-Dichloropropane	0/14		2.60E-04 - 1.30E+01	NT	4.66E-01	mg/L
1,2-Dimethylbenzene	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,2-Diphenylhydrazine	0/3		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
1,3,5-Trinitrobenzene	0/2		6.00E-03 - 6.00E-03	NT	3.00E-03	mg/L
1,3-Dichlorobenzene	0/12		3.60E-04 - 1.00E-02	NT	3.38E-03	mg/L
1,3-Dinitrobenzene	0/2		6.00E-03 - 6.00E-03	NT	3.00E-03	mg/L
1,4-Dichlorobenzene	0/10		3.20E-04 - 1.00E-02	NT	3.55E-03	mg/L
1-Chloronaphthalene	0/3		2.20E-04 - 2.20E-04	NT	1.10E-04	mg/L
1-Naphthalenamine	0/3		2.60E-04 - 2.60E-04	NT	1.30E-04	mg/L
2,3,4,6-Tetrachlorophenol	0/3		4.40E-04 - 4.40E-04	NT	2.20E-04	mg/L
2,4,5-T	0/1		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
2,4,5-Trichlorophenol	0/10		1.90E-04 - 5.00E-02	NT	5.53E-03	mg/L
2,4,6-Trichlorophenol	0/10		1.70E-04 - 1.00E-02	NT	3.53E-03	mg/L
2,4-D	0/1		1.00E-03 - 1.00E-03	NT	5.00E-04	mg/L
2,4-Dichlorophenol	1/10	4.00E-04 - 4.00E-04	1.60E-04 - 1.00E-02	L	9.05E-03	mg/L
2,4-Dimethylphenol	1/10	4.40E-03 - 4.40E-03	1.10E-04 - 1.00E-02	N	3.73E-03	mg/L
2,4-Dinitrophenol	0/10		1.20E-02 - 5.00E-02	NT	1.88E-02	mg/L
2,4-Dinitrotoluene	0/11		7.00E-05 - 1.00E-02	NT	3.46E-03	mg/L
2,6-Dichlorophenol	0/3		5.00E-04 - 5.00E-04	NT	2.50E-04	mg/L
2,6-Dinitrotoluene	0/11		2.20E-04 - 1.00E-02	NT	3.48E-03	mg/L
2-Butanone	0/13		3.40E-03 - 2.50E+01	NT	9.97E-01	mg/L
2-Chloro-1,3-butadiene	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
2-Chloroethyl vinyl ether	0/1		2.50E+01 - 2.50E+01	NT	1.25E+01	mg/L
2-Chloronaphthalene	0/10		1.20E-04 - 1.00E-02	NT	3.52E-03	mg/L
2-Chlorophenol	0/10		2.70E-04 - 1.00E-02	NT	3.54E-03	mg/L
2-Hexanone	0/14		1.10E-03 - 2.50E+01	NT	9.11E-01	mg/L
2-Methyl-4,6-dinitrophenol	0/10		3.40E-03 - 5.00E-02	NT	1.75E-02	mg/L
2-Methylnaphthalene	0/10		2.90E-04 - 1.00E-02	NT	3.54E-03	mg/L
2-Methylphenol	0/10		2.00E-04 - 1.00E-02	NT	3.53E-03	mg/L
2-Methylpyridine	0/3		3.40E-03 - 3.40E-03	NT	1.70E-03	mg/L
2-Naphthalenamine	0/3		2.90E-04 - 2.90E-04	NT	1.45E-04	mg/L
2-Nitrobenzenamine	0/10		1.10E-04 - 5.00E-02	NT	1.70E-02	mg/L
2-Nitrophenol	0/10		2.40E-04 - 1.00E-02	NT	3.54E-03	mg/L
2-Propanol	0/1		1.40E+02 - 1.40E+02	NT	7.00E+01	mg/L
3,3'-Dichlorobenzidine	0/10		4.00E-03 - 2.00E-02	NT	7.10E-03	mg/L
3-Methylcholanthrene	0/3		1.60E-04 - 1.60E-04	NT	8.00E-05	mg/L
3-Nitrobenzenamine	0/10		1.50E-04 - 5.00E-02	NT	1.70E-02	mg/L
4,4'-DDD	0/9		1.00E-05 - 1.90E-04	NT	3.51E-05	mg/L
4,4'-DDE	0/9		1.00E-05 - 2.20E-04	NT	4.01E-05	mg/L
4,4'-DDT	0/9		1.00E-05 - 1.10E-04	NT	2.17E-05	mg/L
4-Aminobiphenyl	0/3		5.50E-04 - 5.50E-04	NT	2.75E-04	mg/L
4-Bromophenyl phenyl ether	0/10		2.20E-04 - 1.00E-02	NT	3.53E-03	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
4-Chloro-3-methylphenol	0/10		2.80E-04 - 1.00E-02	NT	3.54E-03	mg/L
4-Chlorobenzenamine	0/10		7.70E-04 - 1.00E-02	NT	3.62E-03	mg/L
4-Chlorophenyl phenyl ether	0/10		2.30E-04 - 1.00E-02	NT	3.53E-03	mg/L
4-Methyl-2-pentanone	1/13	1.90E-03 - 1.90E-03	1.10E-03 - 2.50E+01	L	4.27E-01	mg/L
4-Methylphenol	1/10	2.10E-04 - 2.10E-04	1.80E-04 - 1.00E-02	L	9.54E-03	mg/L
4-Nitrobenzenamine	0/10		1.20E-03 - 5.00E-02	NT	1.72E-02	mg/L
4-Nitrophenol	0/10		3.90E-04 - 5.00E-02	NT	1.71E-02	mg/L
7,12-Dimethylbenz(a)anthracene	0/3		5.80E-03 - 5.80E-03	NT	2.90E-03	mg/L
Acenaphthene	0/17		2.10E-04 - 1.00E-02	NT	3.11E-03	mg/L
Acenaphthylene	0/17		1.10E-04 - 1.00E-02	NT	3.10E-03	mg/L
Acetone	1/14	5.20E-03 - 5.20E-03	1.40E-03 - 2.50E+01	L	5.43E-01	mg/L
Acetophenone	0/3		1.20E-04 - 1.20E-04	NT	6.00E-05	mg/L
Acrolein	0/1		1.30E+02 - 1.30E+02	NT	6.50E+01	mg/L
Acrylonitrile	0/1		1.30E+02 - 1.30E+02	NT	6.50E+01	mg/L
Aldrin	0/9		5.00E-06 - 3.50E-04	NT	6.03E-05	mg/L
Aniline	0/3		2.60E-04 - 2.60E-04	NT	1.30E-04	mg/L
Anthracene	0/17		2.40E-04 - 1.00E-02	NT	3.11E-03	mg/L
Azinphos-methyl	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Benz(a)anthracene	0/17		1.90E-04 - 1.00E-02	NT	3.11E-03	mg/L
Benzene	3/189	1.00E-03 - 7.80E-03	3.80E-04 - 5.00E+01	N	2.32E-01	mg/L
Benzenemethanol	0/4		2.90E-04 - 1.00E-02	NT	1.36E-03	mg/L
Benzidine	0/3		3.80E-02 - 3.80E-02	NT	1.90E-02	mg/L
Benzo(a)pyrene	0/17		1.50E-04 - 1.00E-02	NT	3.10E-03	mg/L
Benzo(b)fluoranthene	0/17		1.60E-04 - 1.00E-02	NT	3.10E-03	mg/L
Benzo(ghi)perylene	0/17		3.20E-04 - 1.00E-02	NT	3.12E-03	mg/L
Benzo(k)fluoranthene	0/17		1.60E-04 - 1.00E-02	NT	3.10E-03	mg/L
Benzoic acid	0/4		6.60E-03 - 5.00E-02	NT	8.73E-03	mg/L
Bis(2-chloroethoxy)methane	0/10		2.50E-04 - 1.00E-02	NT	3.54E-03	mg/L
Bis(2-chloroethyl) ether	0/10		2.90E-04 - 1.00E-02	NT	3.54E-03	mg/L
Bis(2-chloroisopropyl)ether	0/10		3.50E-04 - 1.00E-02	NT	3.55E-03	mg/L
Bis(2-ethylhexyl)phthalate	1/10	1.00E-03 - 1.00E-03	3.00E-04 - 1.00E-02	L	5.80E-03	mg/L
Bromodichloromethane	0/151		5.00E-04 - 5.00E+01	NT	2.04E+00	mg/L
Bromoform	0/13		4.40E-04 - 1.30E+01	NT	5.02E-01	mg/L
Bromomethane	0/14		2.50E-04 - 2.50E+01	NT	8.96E-01	mg/L
Butyl benzyl phthalate	0/10		6.40E-04 - 1.00E-02	NT	3.60E-03	mg/L
Carbazole	0/7		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/13		3.30E-04 - 1.30E+01	NT	5.13E-01	mg/L
Carbon tetrachloride	0/151		3.50E-04 - 5.00E+01	NT	2.04E+00	mg/L
Chlorobenzene	0/13		4.90E-04 - 1.30E+01	NT	5.02E-01	mg/L
Chloroethane	1/17	8.20E-01 - 8.20E-01	1.40E-03 - 2.50E+01	L	7.15E-01	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Chloroform	7/153	5.00E-03 - 1.70E-02	4.10E-04 - 5.00E+01	N	2.02E+00	mg/L
Chloromethane	0/14		3.70E-04 - 2.50E+01	NT	8.96E-01	mg/L
Chrysene	0/17		2.10E-04 - 1.00E-02	NT	3.11E-03	mg/L
Co-Ral	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Demeton O and S	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Di-n-butyl phthalate	3/10	4.40E-04 - 9.80E-04	1.00E-02 - 1.00E-02	L	7.51E-04	mg/L
Di-n-octylphthalate	0/10		1.50E-04 - 1.00E-02	NT	3.52E-03	mg/L
Diazinon	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Dibenz(a,h)anthracene	0/17		2.80E-04 - 1.00E-02	NT	3.11E-03	mg/L
Dibenzofuran	0/10		1.10E-04 - 1.00E-02	NT	3.52E-03	mg/L
Dibromochloromethane	0/13		4.30E-04 - 1.30E+01	NT	5.02E-01	mg/L
Dibromomethane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Dichlorodifluoromethane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Dichloroethene	0/2		5.00E+01 - 5.00E+01	NT	2.50E+01	mg/L
Dichlorvos	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Dieldrin	0/9		1.00E-05 - 2.80E-04	NT	5.01E-05	mg/L
Diethyl phthalate	1/10	8.50E-04 - 8.50E-04	2.30E-04 - 1.00E-02	L	7.17E-03	mg/L
Dimethyl phthalate	0/10		9.00E-05 - 1.00E-02	NT	3.51E-03	mg/L
Dimethyl-1,2-dibromo-2,2-dichloroethyl phospate	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Dimethylbenzene	13/189	7.20E-03 - 2.80E+00	1.30E-03 - 1.00E+02	N	4.07E-01	mg/L
Disulfoton	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Endosulfan I	0/6		5.00E-06 - 1.00E-05	NT	3.00E-06	mg/L
Endosulfan II	0/6		1.00E-05 - 1.10E-05	NT	5.08E-06	mg/L
Endosulfan sulfate	0/6		1.00E-05 - 1.10E-05	NT	5.08E-06	mg/L
Endrin	0/6		1.00E-05 - 1.10E-05	NT	5.08E-06	mg/L
Endrin aldehyde	0/6		1.00E-05 - 1.10E-05	NT	5.08E-06	mg/L
Endrin ketone	0/5		1.00E-05 - 1.10E-05	NT	5.10E-06	mg/L
Ethane	3/5	1.28E-01 - 3.03E-01	3.00E-02 - 3.00E-02	N	6.87E-02	mg/L
Ethion	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Ethyl cyanide	0/1		2.50E+02 - 2.50E+02	NT	1.25E+02	mg/L
Ethyl methacrylate	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Ethyl methanesulfonate	0/3		1.50E-03 - 1.50E-03	NT	7.50E-04	mg/L
Ethylbenzene	15/190	8.70E-04 - 1.50E+00	4.40E-04 - 5.00E+01	N	2.50E-01	mg/L
Ethylene	3/5	2.24E+00 - 3.96E+00	3.00E-02 - 3.00E-02	N	9.18E-01	mg/L
Fensulfothion	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Fenthion	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Fluoranthene	0/17		2.30E-04 - 1.00E-02	NT	3.11E-03	mg/L
Fluorene	1/17	7.00E-03 - 7.00E-03	2.20E-04 - 1.00E-02	N	3.17E-03	mg/L
Heptachlor	0/9		5.00E-06 - 2.50E-04	NT	4.37E-05	mg/L
Heptachlor epoxide	0/6		5.00E-06 - 1.00E-05	NT	3.00E-06	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Hexachloro-dibenzo[b,e][1,4]dioxin	0/1		1.60E-06 - 1.60E-06	NT	8.00E-07	mg/L
Hexachlorobenzene	0/10		2.10E-04 - 1.00E-02	NT	3.53E-03	mg/L
Hexachlorobutadiene	0/10		3.00E-04 - 1.00E-02	NT	3.55E-03	mg/L
Hexachlorocyclopentadiene	0/10		1.70E-04 - 1.00E-02	NT	3.53E-03	mg/L
Hexachlorodibenzofuran	0/1		8.00E-07 - 8.00E-07	NT	4.00E-07	mg/L
Hexachloroethane	0/10		3.50E-04 - 1.00E-02	NT	3.55E-03	mg/L
Indeno(1,2,3-cd)pyrene	0/17		2.20E-04 - 1.00E-02	NT	3.11E-03	mg/L
Iodomethane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Isophorone	1/10	6.60E-03 - 6.60E-03	2.20E-04 - 1.00E-02	N	3.85E-03	mg/L
Lindane	0/9		5.00E-06 - 2.40E-04	NT	4.20E-05	mg/L
Merphos	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Methacrylonitrile	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Methoxychlor	0/9		1.00E-05 - 1.60E-04	NT	5.02E-05	mg/L
Methyl methacrylate	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Methyl methanesulfonate	0/3		2.40E-04 - 2.40E-04	NT	1.20E-04	mg/L
Methyl parathion	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Methylene chloride	6/13	5.00E-03 - 1.80E-02	3.50E-04 - 1.30E+01	L	3.49E-03	mg/L
Mocap	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
N-Nitroso-di-n-propylamine	0/10		2.70E-04 - 1.00E-02	NT	3.54E-03	mg/L
N-Nitrosodimethylamine	0/3		2.30E-04 - 2.30E-04	NT	1.15E-04	mg/L
N-Nitrosodiphenylamine	0/10		1.20E-04 - 1.00E-02	NT	3.52E-03	mg/L
N-Nitrosopiperidine	0/3		1.30E-03 - 1.30E-03	NT	6.50E-04	mg/L
Naphthalene	1/17	4.70E-02 - 4.70E-02	2.90E-04 - 1.00E-02	L	6.35E-03	mg/L
Nitrobenzene	0/11		3.60E-04 - 1.00E-02	NT	3.50E-03	mg/L
PCB-1016	0/9		1.00E-05 - 4.10E-04	NT	1.95E-04	mg/L
PCB-1221	0/9		2.00E-04 - 2.27E-04	NT	2.10E-04	mg/L
PCB-1232	0/9		1.00E-05 - 1.50E-04	NT	1.08E-04	mg/L
PCB-1242	0/9		1.00E-05 - 6.70E-04	NT	2.82E-04	mg/L
PCB-1248	0/9		1.00E-05 - 2.90E-04	NT	1.55E-04	mg/L
PCB-1254	0/9		1.00E-05 - 1.14E-04	NT	6.36E-05	mg/L
PCB-1260	0/9		1.00E-05 - 1.14E-04	NT	6.66E-05	mg/L
Pentachloro-dibenzo[b,e][1,4]dioxin	0/1		1.50E-06 - 1.50E-06	NT	7.50E-07	mg/L
Pentachlorobenzene	0/3		2.00E-03 - 2.00E-03	NT	1.00E-03	mg/L
Pentachlorodibenzofuran	0/1		1.40E-06 - 1.40E-06	NT	7.00E-07	mg/L
Pentachloronitrobenzene	0/3		4.70E-03 - 4.70E-03	NT	2.35E-03	mg/L
Pentachlorophenol	0/10		2.40E-04 - 5.00E-02	NT	1.70E-02	mg/L
Phenacetin	0/3		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Phenanthrene	1/17	5.00E-03 - 5.00E-03	2.10E-04 - 1.00E-02	N	3.11E-03	mg/L
Phenol	0/10		6.20E-04 - 1.00E-02	NT	3.59E-03	mg/L
Phorate	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Phosdrin	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Polychlorinated biphenyl	0/7		1.00E-04 - 1.70E-04	NT	1.10E-04	mg/L
Pronamide	0/3		5.30E-03 - 5.30E-03	NT	2.65E-03	mg/L
Prothiophos	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Pyrene	0/17		2.50E-04 - 1.00E-02	NT	3.11E-03	mg/L
Pyridine	0/3		4.70E-04 - 4.70E-04	NT	2.35E-04	mg/L
Ronnel	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Silvex	0/1		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Styrene	0/14		4.00E-04 - 1.30E+01	NT	4.66E-01	mg/L
Sulprofos	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Tetrachloro-dibenzo[b,e][1,4]dioxin	0/1		1.10E-06 - 1.10E-06	NT	5.50E-07	mg/L
Tetrachlorodibenzofuran	0/1		7.00E-07 - 7.00E-07	NT	3.50E-07	mg/L
Tetrachloroethene	0/150		3.50E-04 - 5.00E+01	NT	2.06E+00	mg/L
Tetrachlorovinphos	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Toluene	1/188	1.80E-02 - 1.80E-02	4.40E-04 - 5.00E+01	N	2.33E-01	mg/L
Toxaphene	0/6		5.00E-04 - 1.13E-03	NT	4.69E-04	mg/L
Trans-1,4-Dichloro-2-butene	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Trichloroethene	314/470	1.00E-03 - 3.10E+03	1.00E-03 - 1.00E-01	N	2.08E+01	mg/L
Trichlorofluoromethane	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Trichloronate	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Trinitrotoluene	0/2		6.00E-03 - 6.00E-03	NT	3.00E-03	mg/L
Vinyl acetate	0/5		5.00E-02 - 1.30E+01	NT	1.32E+00	mg/L
Vinyl chloride	34/168	4.20E-02 - 5.00E+00	1.30E-03 - 1.00E+02	N	7.60E+00	mg/L
a,a-Dimethylphenethylamine	0/3		4.10E-03 - 4.10E-03	NT	2.05E-03	mg/L
alpha-BHC	0/9		5.00E-06 - 2.10E-04	NT	3.70E-05	mg/L
alpha-Chlordane	0/6		5.00E-06 - 1.00E-05	NT	3.42E-06	mg/L
beta-BHC	0/9		5.00E-06 - 5.40E-04	NT	9.20E-05	mg/L
cis-1,2-Dichloroethene	58/158	6.70E-04 - 4.90E+00	4.70E-04 - 5.00E+01	N	3.74E+00	mg/L
cis-1,3-Dichloropropene	0/13		4.00E-04 - 1.30E+01	NT	5.02E-01	mg/L
delta-BHC	0/9		5.00E-06 - 2.20E-03	NT	3.69E-04	mg/L
gamma-Chlordane	0/6		5.00E-06 - 5.00E-05	NT	6.75E-06	mg/L
p-Dimethylaminoazobenzene	0/3		1.20E-02 - 1.20E-02	NT	6.00E-03	mg/L
trans-1,2-Dichloroethene	3/157	3.40E-03 - 5.00E-01	4.80E-04 - 5.00E+01	N	3.33E+00	mg/L
trans-1,3-Dichloropropene	0/14		4.70E-04 - 1.30E+01	NT	4.66E-01	mg/L
Alpha activity	288/344	1.41E-01 - 5.75E+01	-1.00E+01 - 1.00E+03	N	3.49E+01	pCi/L
Americium-241	2/5	1.90E-01 - 3.40E-01	-2.60E+00 - 0.00E+00	N	-3.97E-01	pCi/L
Beta activity	314/344	1.00E+00 - 1.26E+03	-9.00E+00 - 1.00E+03	L	4.98E+01	pCi/L
Cesium-137	0/9		-1.20E+00 - 1.86E+01	NT	3.47E+00	pCi/L
Cobalt-60	2/3	1.00E-01 - 1.20E+00	-4.00E-01 --4.00E-01	N	1.50E-01	pCi/L
Neptunium-237	10/16	1.00E-02 - 2.37E+00	-4.00E-01 - 8.00E-02	L	3.33E-01	pCi/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=l MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Plutonium-238	3/4	8.00E-02 - 1.10E-01	0.00E+00 - 0.00E+00	N	3.63E-02	pCi/L
Plutonium-239	5/13	1.00E-02 - 7.60E-01	-2.31E-01 - 9.00E-02	L	1.50E-01	pCi/L
Plutonium-239/240	1/1	2.07E-02 - 2.07E-02		NT	1.04E-02	pCi/L
Plutonium-242	0/2		1.00E-02 - 7.00E-02	NT	2.00E-02	pCi/L
Protactinium-234	0/2		1.30E+01 - 2.70E+01	NT	1.00E+01	pCi/L
Radium-226	2/5	3.70E-01 - 6.00E-01	0.00E+00 - 0.00E+00	N	9.70E-02	pCi/L
Radon-222	44/44	1.20E+01 - 2.05E+03		N	4.20E+02	pCi/L
Technetium-99	459/496	1.00E+00 - 1.01E+03	-7.00E+00 - 5.53E+02	N	1.66E+02	pCi/L
Thorium-228	2/2	3.40E-01 - 6.40E-01		N	2.45E-01	pCi/L
Thorium-230	13/15	8.00E-02 - 8.00E-01	-2.68E-01 - 0.00E+00	N	2.09E-01	pCi/L
Thorium-232	2/2	1.80E-01 - 4.90E-01		N	1.68E-01	pCi/L
Uranium-234	14/16	1.50E-01 - 1.84E+01	3.00E-01 - 3.00E-01	L	2.19E+00	pCi/L
Uranium-235	6/9	9.12E-02 - 1.22E+00	1.52E-02 - 1.72E-02	L	2.42E-01	pCi/L
Uranium-235/236	4/5	1.00E-02 - 8.00E-02	-1.88E-01 --1.88E-01	N	-1.16E-02	pCi/L
Uranium-238	13/14	8.00E-02 - 4.19E+01	2.10E-01 - 2.10E-01	L	4.28E+00	pCi/L

AREA_CODE=m MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	23/66	1.02E-01 - 9.04E+01	1.00E-01 - 1.00E+00	L	4.19E-01	mg/L
Antimony	0/50		6.00E-02 - 2.50E-01	NT	7.08E-02	mg/L
Arsenic	4/41	5.00E-03 - 8.54E-02	5.00E-03 - 5.00E-03	N	3.89E-03	mg/L
Barium	34/41	6.80E-02 - 6.70E-01	5.00E-02 - 7.00E-02	L	1.65E-01	mg/L
Beryllium	1/41	1.70E-02 - 1.70E-02	4.00E-03 - 2.50E-02	N	5.82E-03	mg/L
Cadmium	1/41	2.10E-02 - 2.10E-02	1.00E-02 - 1.00E-01	L	1.44E-02	mg/L
Calcium	71/71	4.20E+00 - 1.18E+02		L	8.06E+00	mg/L
Chloride	68/68	2.60E+00 - 3.40E+01		N	8.46E+00	mg/L
Chromium	2/33	5.60E-02 - 2.32E-01	5.00E-02 - 6.00E-02	L	7.93E-03	mg/L
Cobalt	1/41	1.21E-01 - 1.21E-01	4.50E-02 - 1.00E-01	L	2.80E-02	mg/L
Copper	4/41	1.30E-02 - 1.63E-01	1.00E-02 - 1.00E-01	L	3.85E-03	mg/L
Fluoride	46/46	1.30E-01 - 3.90E-01		N	2.58E-01	mg/L
Iron	69/71	1.22E-01 - 1.79E+02	1.00E-02 - 3.60E-01	L	2.18E+01	mg/L
Lead	0/24		5.00E-02 - 2.50E-01	NT	7.10E-02	mg/L
Magnesium	71/71	1.31E+00 - 6.46E+01		L	3.01E+00	mg/L
Manganese	71/71	8.20E-02 - 3.91E+00		L	3.97E-01	mg/L
Mercury	1/24	4.50E-03 - 4.50E-03	2.00E-04 - 2.00E-04	N	1.90E-04	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Molybdenum	1/36	3.15E-01 - 3.15E-01	5.00E-02 - 1.00E-01	L	3.24E-02	mg/L
Nickel	2/41	1.07E-01 - 1.09E-01	5.00E-02 - 1.00E-01	N	3.86E-02	mg/L
Nitrate as Nitrogen	4/68	1.00E+00 - 2.30E+00	1.00E+00 - 1.00E+00	N	5.15E-01	mg/L
Potassium	53/69	3.82E+00 - 8.61E+01	2.00E+00 - 1.05E+01	L	1.25E+01	mg/L
Selenium	0/32		5.00E-03 - 1.00E-02	NT	2.58E-03	mg/L
Silica	56/56	2.00E+00 - 5.80E+01		N	1.54E+01	mg/L
Silver	0/17		5.00E-02 - 6.00E-02	NT	2.82E-02	mg/L
Sodium	71/71	1.41E+01 - 7.65E+01		L	1.01E+01	mg/L
Sulfate	4/4	1.90E+01 - 1.17E+03		N	1.71E+02	mg/L
Tetraoxo-sulfate(1-)	59/59	6.90E+00 - 1.97E+01		N	7.38E+00	mg/L
Thallium	2/24	1.03E-01 - 1.23E-01	5.60E-02 - 4.70E-01	L	2.35E-02	mg/L
Tin	0/1		2.80E-01 - 2.80E-01	NT	1.40E-01	mg/L
Total Phosphate as Phosphorus	1/35	5.20E+00 - 5.20E+00	2.00E+00 - 2.00E+00	N	1.05E+00	mg/L
Uranium	4/49	1.00E-03 - 1.80E-02	1.00E-03 - 1.00E-03	N	1.37E-03	mg/L
Vanadium	16/24	5.20E-02 - 8.36E-01	4.00E-02 - 5.00E-02	L	1.03E-01	mg/L
Zinc	19/41	5.00E-03 - 5.64E-01	5.00E-03 - 2.50E-01	L	2.37E-02	mg/L
1,1,1-Trichloroethane	0/64		5.00E-03 - 5.00E-02	NT	2.85E-03	mg/L
1,1,2,2-Tetrachloroethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/64		5.00E-03 - 5.00E-02	NT	2.85E-03	mg/L
1,1-Dichloroethane	0/61		5.00E-03 - 5.00E-02	NT	2.87E-03	mg/L
1,1-Dichloroethene	0/61		5.00E-03 - 5.00E-02	NT	2.87E-03	mg/L
1,2-Dichloroethane	0/64		5.00E-03 - 5.00E-02	NT	2.85E-03	mg/L
1,2-Dichloroethene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloropropane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,3-Dichlorobenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
2-Butanone	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
2-Hexanone	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Methyl-2-pentanone	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Acetone	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Benzene	0/61		5.00E-03 - 5.00E-02	NT	2.87E-03	mg/L
Bromodichloromethane	0/64		5.00E-03 - 5.00E-02	NT	2.85E-03	mg/L
Bromoform	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromomethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Carbon tetrachloride	0/64		5.00E-03 - 5.00E-02	NT	2.85E-03	mg/L
Chlorobenzene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chloroform	0/64		5.00E-03 - 5.00E-02	NT	2.85E-03	mg/L
Chloromethane	0/1		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibromochloromethane	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Dimethylbenzene	0/61		5.00E-03 - 1.00E-01	NT	4.51E-03	mg/L
Ethylbenzene	0/61		5.00E-03 - 5.00E-02	NT	2.87E-03	mg/L
Methylene chloride	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Polychlorinated biphenyl	0/4		1.00E-04 - 1.00E-04	NT	1.00E-04	mg/L
Styrene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Tetrachloroethene	0/64		5.00E-03 - 5.00E-02	NT	2.85E-03	mg/L
Toluene	0/61		5.00E-03 - 5.00E-02	NT	2.87E-03	mg/L
Trichloroethene	5/96	2.00E-03 - 7.00E-03	1.00E-03 - 1.00E-02	N	1.29E-03	mg/L
Vinyl acetate	0/1		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Vinyl chloride	0/64		1.00E-03 - 1.00E-01	NT	8.55E-03	mg/L
cis-1,2-Dichloroethene	0/63		5.00E-03 - 5.00E-02	NT	5.71E-03	mg/L
cis-1,3-Dichloropropene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
trans-1,2-Dichloroethene	0/63		5.00E-03 - 5.00E-02	NT	5.71E-03	mg/L
trans-1,3-Dichloropropene	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Alpha activity	83/95	5.00E-01 - 1.07E+02	-1.80E+01 --4.90E-01	L	4.83E+00	pCi/L
Beta activity	95/95	3.00E+00 - 2.36E+02		L	1.62E+01	pCi/L
Neptunium-237	6/17	1.00E-01 - 5.00E-01	-7.00E-01 --1.00E-01	N	-5.59E-02	pCi/L
Plutonium-239	3/17	1.00E-01 - 2.00E-01	0.00E+00 - 0.00E+00	N	1.18E-02	pCi/L
Radium-226	11/13	2.00E-01 - 1.30E+00	-7.00E-01 --6.00E-01	L	6.87E-01	pCi/L
Radon-222	54/54	6.40E+01 - 3.91E+02		N	1.10E+02	pCi/L
Technetium-99	74/100	1.00E+00 - 5.30E+01	-1.29E+01 - 0.00E+00	L	9.75E+00	pCi/L
Thorium-230	10/17	1.00E-01 - 2.30E+00	-1.00E-01 - 0.00E+00	L	3.20E-01	pCi/L

AREA_CODE=m MEDIA=Other Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	61/83	1.16E-01 - 8.77E+01	6.20E-01 - 1.00E+00	L	2.32E+00	mg/L
Ammonia as Nitrogen	1/3	6.23E+00 - 6.23E+00	3.00E-02 - 3.00E-02	N	1.05E+00	mg/L
Antimony	3/68	2.38E-02 - 6.40E-02	2.00E-02 - 2.50E-01	L	2.07E-02	mg/L
Arsenic	5/103	1.60E-03 - 2.10E-02	1.00E-03 - 5.00E-03	N	2.48E-03	mg/L
Barium	67/103	3.41E-02 - 2.78E-01	5.00E-02 - 2.00E-01	L	9.16E-02	mg/L
Beryllium	6/68	1.90E-03 - 6.28E-02	1.00E-03 - 2.50E-02	L	3.03E-04	mg/L
Cadmium	1/103	1.60E-02 - 1.60E-02	2.00E-03 - 1.00E-01	N	2.21E-02	mg/L
Calcium	65/65	3.94E+00 - 4.39E+02		L	2.87E+01	mg/L
Chloride	63/63	2.70E+00 - 7.74E+01		L	1.36E+01	mg/L
Chlorine, Total Residual	0/1		2.50E-01 - 2.50E-01	NT	1.25E-01	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Chromium	11/65	2.00E-03 - 9.40E-02	2.00E-03 - 6.00E-02	N	2.49E-02	mg/L
Chromium, hexavalent	0/43		1.00E-02 - 2.50E-01	NT	1.23E-02	mg/L
Cobalt	11/68	3.50E-03 - 1.01E+00	3.00E-03 - 1.00E-01	N	4.58E-02	mg/L
Copper	18/67	4.30E-03 - 4.80E-02	2.00E-03 - 1.00E-01	L	9.64E-03	mg/L
Cyanide	0/4		3.00E-03 - 3.00E-03	NT	1.50E-03	mg/L
Fluoride	51/59	1.50E-01 - 2.90E+00	1.00E-01 - 1.00E-01	L	4.89E-01	mg/L
Iron	82/100	1.60E-02 - 1.23E+03	1.00E-02 - 5.00E-01	L	2.29E+01	mg/L
Kjeldahl Nitrogen	3/4	3.50E-01 - 1.38E+00	2.00E+00 - 2.00E+00	N	6.33E-01	mg/L
Lead	14/100	1.60E-03 - 1.78E+00	1.00E-03 - 2.50E-01	N	1.02E-01	mg/L
Magnesium	100/100	1.52E+00 - 1.72E+02		L	2.15E+01	mg/L
Manganese	82/100	7.00E-03 - 6.00E+01	5.00E-03 - 5.00E-02	L	2.03E+00	mg/L
Mercury	2/61	3.00E-04 - 3.80E-03	2.00E-04 - 4.00E-04	N	1.32E-04	mg/L
Molybdenum	0/40		4.00E-02 - 1.00E-01	NT	2.64E-02	mg/L
Nickel	25/103	7.70E-03 - 7.76E-01	5.00E-02 - 1.00E-01	L	3.99E-02	mg/L
Nitrate as Nitrogen	35/60	1.00E+00 - 4.60E+00	1.00E+00 - 1.00E+00	L	1.74E+00	mg/L
Nitrate/Nitrite	2/4	2.10E-01 - 2.20E-01	5.00E-02 - 5.00E-02	N	6.63E-02	mg/L
Orthophosphate	0/3		1.00E-03 - 1.00E-01	NT	2.52E-02	mg/L
Phosphorous	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Potassium	39/97	6.04E-01 - 2.46E+01	2.00E+00 - 1.05E+01	L	5.18E+00	mg/L
Selenium	3/66	1.10E-03 - 4.90E-03	1.00E-03 - 1.50E-02	N	2.37E-03	mg/L
Silica	77/78	6.00E+00 - 5.02E+02	1.00E+01 - 1.00E+01	L	3.51E+01	mg/L
Silver	1/31	2.20E-03 - 2.20E-03	2.00E-03 - 6.00E-02	N	2.22E-02	mg/L
Sodium	100/100	8.18E+00 - 2.05E+02		L	2.83E+01	mg/L
Strontium	30/38	4.07E-01 - 2.33E+00	5.00E-01 - 1.21E+00	N	5.38E-01	mg/L
Sulfate	3/3	1.38E+01 - 1.98E+03		N	3.43E+02	mg/L
Sulfide	2/4	2.40E+00 - 2.40E+00	1.00E+00 - 1.00E+00	N	8.50E-01	mg/L
Tetraoxo-sulfate(1-)	48/48	1.70E+00 - 4.87E+03		L	2.37E+02	mg/L
Thallium	1/45	7.50E-02 - 7.50E-02	1.00E-03 - 4.70E-01	L	7.93E-02	mg/L
Tin	1/4	1.05E-02 - 1.05E-02	1.00E-02 - 1.00E-02	N	5.06E-03	mg/L
Total Phosphate as Phosphorus	1/3	3.40E-01 - 3.40E-01	1.00E-01 - 1.00E-01	N	9.00E-02	mg/L
Uranium	48/103	1.00E-03 - 1.40E-02	1.00E-03 - 1.00E-03	N	2.32E-03	mg/L
Vanadium	33/45	1.70E-03 - 4.98E+00	4.10E-02 - 5.00E-02	L	7.76E-02	mg/L
Zinc	36/68	4.00E-03 - 1.99E+00	5.00E-03 - 2.50E-01	L	2.88E-02	mg/L
1,1,1,2-Tetrachloroethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,1-Trichloroethane	3/71	6.00E-03 - 4.40E-02	5.00E-03 - 2.50E-01	N	9.70E-03	mg/L
1,1,2,2-Tetrachloroethane	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/71		5.00E-03 - 2.50E-01	NT	9.40E-03	mg/L
1,1-Dichloroethane	11/71	3.00E-03 - 1.40E-01	5.00E-03 - 2.50E-01	N	1.20E-02	mg/L
1,1-Dichloroethene	11/71	1.80E-02 - 4.60E-01	5.00E-03 - 2.50E-01	N	1.82E-02	mg/L
1,2,3-Trichloropropane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,2,4,5-Tetrachlorobenzene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,2,4-Trichlorobenzene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,2-Dibromo-3-chloropropane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dibromoethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichlorobenzene	0/12		4.00E-03 - 1.00E-02	NT	4.50E-03	mg/L
1,2-Dichloroethane	0/71		5.00E-03 - 2.50E-01	NT	9.40E-03	mg/L
1,2-Dichloroethene	2/9	3.40E-02 - 3.30E-01	5.00E-03 - 5.00E-03	L	1.78E-03	mg/L
1,2-Dichloropropane	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,3,5-Trinitrobenzene	0/5		6.00E-03 - 1.00E-02	NT	4.60E-03	mg/L
1,3-Dichlorobenzene	0/12		4.00E-03 - 1.00E-02	NT	4.50E-03	mg/L
1,3-Dinitrobenzene	0/5		6.00E-03 - 2.00E-02	NT	8.60E-03	mg/L
1,4-Dichlorobenzene	0/12		3.00E-03 - 1.00E-02	NT	4.42E-03	mg/L
1,4-Dioxane	0/4		1.50E-01 - 1.50E-01	NT	7.50E-02	mg/L
1,4-Naphthoquinone	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
1-Naphthalenamine	0/4		1.00E-02 - 5.00E-02	NT	1.00E-02	mg/L
2,3,4,6-Tetrachlorophenol	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
2,4,5-T	0/4		2.00E-04 - 6.00E-04	NT	1.50E-04	mg/L
2,4,5-Trichlorophenol	0/10		1.00E-02 - 5.00E-02	NT	1.10E-02	mg/L
2,4,6-Trichlorophenol	0/10		1.00E-02 - 4.00E-02	NT	6.50E-03	mg/L
2,4-D	0/4		1.00E-03 - 3.60E-03	NT	8.25E-04	mg/L
2,4-Dichlorophenol	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
2,4-Dimethylphenol	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4-Dinitrophenol	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
2,4-Dinitrotoluene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,6-Dichlorophenol	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
2,6-Dinitrotoluene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Acetylaminofluorene	0/4		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
2-Amino-4,6-Dinitrotoluene	0/1		2.60E-04 - 2.60E-04	NT	1.30E-04	mg/L
2-Butanone	0/9		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
2-Chloro-1,3-butadiene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
2-Chloroethyl vinyl ether	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
2-Chloronaphthalene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Chlorophenol	0/10		1.00E-02 - 4.00E-02	NT	6.50E-03	mg/L
2-Hexanone	0/9		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
2-Methyl-4,6-dinitrophenol	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
2-Methylnaphthalene	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
2-Methylphenol	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
2-Methylpyridine	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
2-Naphthalenamine	0/4		1.00E-02 - 5.00E-02	NT	1.00E-02	mg/L
2-Nitrobenzenamine	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
2-Nitrophenol	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
2-Nitrotoluene	0/1		2.50E-04 - 2.50E-04	NT	1.25E-04	mg/L
3,3'-Dichlorobenzidine	0/10		2.00E-02 - 4.00E-02	NT	1.10E-02	mg/L
3,3'-Dimethylbenzidine	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
3-Methylcholanthrene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
3-Methylphenol	0/4		1.00E-02 - 5.00E-02	NT	1.00E-02	mg/L
3-Nitrobenzenamine	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
4,4'-DDD	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
4,4'-DDE	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
4,4'-DDT	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
4-Amino-2,6-Dinitrotoluene	0/1		2.60E-04 - 2.60E-04	NT	1.30E-04	mg/L
4-Aminobiphenyl	0/4		2.00E-02 - 5.00E-02	NT	1.38E-02	mg/L
4-Bromophenyl phenyl ether	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Chloro-3-methylphenol	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
4-Chlorobenzenamine	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
4-Chlorophenyl phenyl ether	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Methyl-2-pentanone	0/9		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Methylphenol	0/10		1.00E-02 - 5.00E-02	NT	7.00E-03	mg/L
4-Nitrobenzenamine	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
4-Nitrophenol	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
4-Nitroquinoline-1-oxide	0/4		4.00E-02 - 4.00E-02	NT	2.00E-02	mg/L
5-(2-Propenyl)-1,3-benzodioxole (Safrole)	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
5-Nitro-o-toluidine	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
7,12-Dimethylbenz(a)anthracene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Acenaphthene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Acenaphthylene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Acetone	1/9	1.00E-01 - 1.00E-01	1.00E-01 - 1.00E-01	N	5.00E-02	mg/L
Acetonitrile	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Acetophenone	0/4		1.00E-02 - 1.50E-02	NT	5.63E-03	mg/L
Acrolein	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Acrylonitrile	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Aldrin	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
Allyl chloride	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Aniline	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
Anthracene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Aramite	0/4		2.00E-02 - 3.00E-02	NT	1.13E-02	mg/L
Azinphos-methyl	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Benz(a)anthracene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzene	0/75		2.00E-03 - 2.50E-01	NT	8.95E-03	mg/L
Benzenemethanol	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Benzo(a)pyrene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzo(b)fluoranthene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzo(ghi)perylene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzo(k)fluoranthene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-chloroethoxy)methane	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
Bis(2-chloroethyl) ether	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
Bis(2-chloroisopropyl)ether	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-ethylhexyl)phthalate	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
Bromodichloromethane	0/71		5.00E-03 - 2.50E-01	NT	9.40E-03	mg/L
Bromoform	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromomethane	0/9		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Butyl benzyl phthalate	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbazole	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/9		5.00E-03 - 1.00E-01	NT	7.78E-03	mg/L
Carbon tetrachloride	0/71		5.00E-03 - 2.50E-01	NT	9.40E-03	mg/L
Chlorobenzene	0/13		2.00E-03 - 5.00E-03	NT	2.04E-03	mg/L
Chlorobenzilate	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Chloroethane	0/9		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chloroform	0/71		5.00E-03 - 2.50E-01	NT	9.40E-03	mg/L
Chloromethane	0/9		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chrysene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Co-Ral	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Cyclotrimethylenetrinitramine	0/1		8.50E-04 - 8.50E-04	NT	4.25E-04	mg/L
Demeton O and S	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Di-n-butyl phthalate	1/10	1.40E-02 - 1.40E-02	1.00E-02 - 1.00E-02	N	5.20E-03	mg/L
Di-n-octylphthalate	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Diallate	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Diazinon	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Dibenz(a,h)anthracene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibenzofuran	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibromochloromethane	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dibromomethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dichlorodifluoromethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dichlorvos	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Dieldrin	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
Diethyl phthalate	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dimethoate	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dimethyl phthalate	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
Dimethyl-1,2-dibromo-2,2-dichloroethyl phospate	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Dimethylbenzene	0/75		2.00E-03 - 5.00E-01	NT	1.57E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Dinoseb	0/4		2.00E-02 - 3.00E-02	NT	1.13E-02	mg/L
Diphenylamine	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Disulfoton	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
Endosulfan I	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
Endosulfan II	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
Endosulfan sulfate	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
Endrin	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
Endrin aldehyde	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
Endrin ketone	0/5		1.00E-05 - 1.00E-05	NT	5.00E-06	mg/L
Ethion	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Ethyl cyanide	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Ethyl methacrylate	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
Ethyl methanesulfonate	0/4		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Ethylbenzene	0/75		2.00E-03 - 2.50E-01	NT	8.95E-03	mg/L
Fensulfothion	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Fenthion	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Fluoranthene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Fluorene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
HMX	0/1		1.00E-03 - 1.00E-03	NT	5.00E-04	mg/L
Heptachlor	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
Heptachlor epoxide	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
Hexachloro-1-propene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachloro-dibenzo[b,e][1,4]dioxin	0/5		9.00E-07 - 2.00E-06	NT	7.60E-07	mg/L
Hexachlorobenzene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorobutadiene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorocyclopentadiene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorodibenzofuran	0/5		9.00E-07 - 1.90E-06	NT	6.60E-07	mg/L
Hexachloroethane	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorophene	0/4		5.00E-01 - 5.00E-01	NT	2.50E-01	mg/L
Indeno(1,2,3-cd)pyrene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Iodomethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Isobutanol	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Isodrin	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Isophorone	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
Isosafrole	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Kepone	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Lindane	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
Merphos	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Methacrylonitrile	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Methapyrilene	0/4		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Methoxychlor	0/10		5.00E-05 - 1.70E-02	NT	8.90E-04	mg/L
Methyl methacrylate	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Methyl methanesulfonate	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
Methyl parathion	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Methylene chloride	8/9	1.00E-03 - 1.10E-02	5.00E-03 - 5.00E-03	N	3.42E-03	mg/L
Mocap	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
N-Nitroso-di-n-butylamine	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
N-Nitroso-di-n-propylamine	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
N-Nitrosodiethylamine	0/4		2.00E-02 - 3.00E-02	NT	1.13E-02	mg/L
N-Nitrosodimethylamine	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
N-Nitrosodiphenylamine	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
N-Nitrosomethylethylamine	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
N-Nitrosomorpholine	0/4		1.00E-02 - 4.00E-02	NT	8.75E-03	mg/L
N-Nitrosopiperidine	0/4		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
N-Nitrosopyrrolidine	0/4		4.00E-02 - 4.00E-02	NT	2.00E-02	mg/L
Naphthalene	1/10	7.00E-02 - 7.00E-02	1.00E-02 - 1.00E-02	N	8.00E-03	mg/L
Nitrobenzene	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
O,O,O-Triethylphosphorothioate	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
PCB-1016	0/10		1.00E-04 - 1.30E-02	NT	1.40E-03	mg/L
PCB-1221	0/10		1.00E-04 - 1.30E-02	NT	1.47E-03	mg/L
PCB-1232	0/10		1.00E-04 - 1.30E-02	NT	1.39E-03	mg/L
PCB-1242	0/10		1.00E-04 - 1.30E-02	NT	1.39E-03	mg/L
PCB-1248	0/10		1.00E-04 - 1.30E-02	NT	1.39E-03	mg/L
PCB-1254	0/10		1.00E-04 - 1.30E-02	NT	1.39E-03	mg/L
PCB-1260	0/10		1.00E-04 - 1.30E-02	NT	1.39E-03	mg/L
Parathion	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
Pentachloro-dibenzo[b,e][1,4]dioxin	0/5		9.00E-07 - 1.50E-06	NT	6.00E-07	mg/L
Pentachlorobenzene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pentachlorodibenzofuran	0/5		1.00E-06 - 1.20E-06	NT	5.50E-07	mg/L
Pentachloroethane	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pentachloronitrobenzene	0/4		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Pentachlorophenol	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
Phenacetin	0/4		2.00E-02 - 3.00E-02	NT	1.13E-02	mg/L
Phenanthrene	1/10	2.00E-03 - 2.00E-03	1.00E-02 - 1.00E-02	N	4.60E-03	mg/L
Phenol	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
Phorate	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Phosdrin	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Polychlorinated biphenyl	0/9		1.70E-04 - 1.70E-04	NT	1.70E-04	mg/L
Pronamide	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
Prothiophos	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Pyrene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pyridine	0/4		1.00E-02 - 5.00E-02	NT	1.00E-02	mg/L
Ronnel	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Silvex	0/4		2.00E-04 - 5.00E-04	NT	1.38E-04	mg/L
Styrene	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Sulfotepp	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Sulprofos	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Tetrachloro-dibenzo[b,e][1,4]dioxin	0/5		7.00E-07 - 1.00E-06	NT	4.50E-07	mg/L
Tetrachlorodibenzofuran	0/5		6.00E-07 - 9.00E-07	NT	3.50E-07	mg/L
Tetrachloroethene	0/71		5.00E-03 - 2.50E-01	NT	9.40E-03	mg/L
Tetrachlorovinphos	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Tetryl	0/1		1.00E-03 - 1.00E-03	NT	5.00E-04	mg/L
Thionazin	0/4		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Toluene	0/75		2.00E-03 - 2.50E-01	NT	8.95E-03	mg/L
Toxaphene	0/10		1.00E-04 - 1.70E-01	NT	8.86E-03	mg/L
Trans-1,4-Dichloro-2-butene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	22/110	1.00E-03 - 6.00E-01	1.00E-03 - 5.00E-03	N	1.47E-02	mg/L
Trichlorofluoromethane	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloronate	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Trinitrotoluene	0/3		6.00E-03 - 6.00E-03	NT	3.00E-03	mg/L
Vinyl acetate	0/5		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Vinyl chloride	1/71	1.50E-02 - 1.50E-02	5.00E-03 - 2.50E-01	N	2.64E-02	mg/L
a,a-Dimethylphenethylamine	0/4		2.00E-02 - 3.00E-02	NT	1.13E-02	mg/L
alpha-BHC	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
alpha-Chlordane	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
beta-BHC	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
cis-1,2-Dichloroethene	32/63	1.40E-02 - 4.20E+00	5.00E-03 - 5.00E-03	L	3.94E-02	mg/L
cis-1,3-Dichloropropene	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
delta-BHC	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
gamma-Chlordane	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
m,p-Xylene	0/5		2.00E-03 - 5.00E-03	NT	1.30E-03	mg/L
m-Nitrotoluene	0/1		2.50E-04 - 2.50E-04	NT	1.25E-04	mg/L
o-Toluidine	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
p-Dimethylaminoazobenzene	0/4		1.00E-02 - 3.00E-01	NT	4.13E-02	mg/L
p-Nitrotoluene	0/1		2.50E-04 - 2.50E-04	NT	1.25E-04	mg/L
p-Phenylenediamine	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
trans-1,2-Dichloroethene	0/63		5.00E-03 - 2.50E-01	NT	2.06E-02	mg/L
trans-1,3-Dichloropropene	0/9		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Alpha activity	93/121	1.00E-01 - 5.99E+01	-1.13E+01 - 1.04E+01	L	5.90E+00	pCi/L
Beta activity	106/121	1.00E+00 - 1.60E+02	-6.00E+00 - 3.13E+01	L	1.55E+01	pCi/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Neptunium-237	13/36	1.00E-01 - 8.00E-01	-1.00E+00 - 0.00E+00	L	3.92E-01	pCi/L
Plutonium-238	1/1	1.00E-01 - 1.00E-01		NT	5.00E-02	pCi/L
Plutonium-239	7/35	1.00E-01 - 1.00E-01	0.00E+00 - 7.00E-02	L	4.82E-02	pCi/L
Plutonium-242	1/1	1.83E-02 - 1.83E-02		NT	9.15E-03	pCi/L
Radium-226	24/30	1.00E-01 - 9.00E-01	-1.00E+00 - 0.00E+00	L	4.47E-01	pCi/L
Radon-222	58/58	9.00E+00 - 5.29E+03		L	3.30E+02	pCi/L
Technetium-99	87/121	9.17E-01 - 1.88E+02	-1.59E+01 - 9.40E-01	L	9.18E+00	pCi/L
Thorium-228	1/1	7.80E-01 - 7.80E-01		NT	3.90E-01	pCi/L
Thorium-230	30/36	1.00E-01 - 1.60E+00	-5.00E-01 - 0.00E+00	N	2.04E-01	pCi/L
Thorium-232	1/1	6.40E-01 - 6.40E-01		NT	3.20E-01	pCi/L
Uranium-234	11/14	1.80E-01 - 8.44E+00	1.30E-01 - 1.70E-01	L	9.68E-01	pCi/L
Uranium-235	5/11	6.00E-02 - 6.10E-01	3.00E-02 - 1.20E-01	L	1.15E-01	pCi/L
Uranium-238	12/14	1.60E-01 - 8.72E+00	1.20E-01 - 1.90E-01	L	1.06E+00	pCi/L

AREA_CODE=m MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	263/594	2.80E-02 - 4.85E+01	2.00E-02 - 1.00E+00	N	6.42E-01	mg/L
Antimony	6/782	1.70E-03 - 2.73E-01	1.30E-03 - 2.50E-01	N	7.61E-02	mg/L
Arsenic	23/788	1.80E-03 - 3.60E-02	5.00E-03 - 5.00E-03	N	2.58E-03	mg/L
Barium	758/784	2.10E-02 - 2.70E+00	3.50E-02 - 7.00E-02	N	9.39E-02	mg/L
Beryllium	31/719	2.00E-04 - 8.00E-03	1.00E-04 - 2.50E-02	N	6.87E-03	mg/L
Bicarbonate	3/3	1.81E+02 - 2.37E+02		N	1.01E+02	mg/L
Boron	34/48	3.00E-02 - 1.54E+00	3.00E-02 - 3.00E-02	L	1.63E-01	mg/L
Cadmium	13/799	1.00E-04 - 3.42E-01	5.00E-04 - 1.00E-01	N	9.16E-03	mg/L
Calcium	678/679	4.63E+00 - 1.34E+02	2.06E+01 - 2.06E+01	N	1.25E+01	mg/L
Carbonate	0/3		1.00E+00 - 1.00E+00	NT	5.00E-01	mg/L
Cerium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	N	4.00E-02	mg/L
Chloride	976/979	2.70E+00 - 1.62E+02	2.00E+01 - 2.00E+01	N	2.07E+01	mg/L
Chromium	260/783	3.10E-03 - 2.51E+01	2.00E-03 - 1.32E+00	N	1.45E-01	mg/L
Chromium, hexavalent	0/9		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Cobalt	38/720	3.40E-03 - 8.40E-02	5.00E-03 - 4.50E-01	N	2.75E-02	mg/L
Copper	88/794	4.00E-03 - 1.87E+00	4.00E-03 - 1.00E-01	N	2.66E-02	mg/L
Cyanide	0/20		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Fluoride	508/524	1.00E-01 - 7.10E-01	1.00E-01 - 1.80E-01	N	1.64E-01	mg/L
Gallium	24/48	9.00E-02 - 9.00E-02	9.00E-02 - 9.00E-02	N	4.50E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Iron	779/1E3	1.00E-02 - 2.91E+02	5.00E-03 - 2.88E+00	N	2.06E+00	mg/L
Lead	13/588	4.00E-03 - 1.29E-01	3.00E-03 - 2.50E-01	N	4.79E-02	mg/L
Lithium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	N	4.00E-02	mg/L
Magnesium	681/681	1.04E-01 - 3.49E+01		N	4.92E+00	mg/L
Manganese	374/680	5.00E-03 - 1.49E+01	5.00E-03 - 1.00E+00	N	8.16E-02	mg/L
Mercury	2/576	3.00E-04 - 3.00E-04	2.00E-04 - 2.00E-03	N	1.16E-04	mg/L
Molybdenum	27/344	3.00E-02 - 2.86E-01	3.00E-02 - 1.00E-01	N	2.76E-02	mg/L
Nickel	230/794	1.00E-02 - 1.89E+00	1.00E-02 - 1.00E-01	N	6.01E-02	mg/L
Nitrate as Nitrogen	843/966	6.20E-01 - 3.83E+01	1.00E-01 - 1.00E+00	N	9.46E-01	mg/L
Potassium	186/638	1.39E+00 - 4.41E+01	2.00E+00 - 1.05E+01	N	2.79E+00	mg/L
Selenium	3/602	5.00E-03 - 9.00E-03	1.40E-03 - 1.50E-02	N	2.52E-03	mg/L
Silica	325/326	7.00E+00 - 5.20E+01	5.00E+00 - 5.00E+00	N	9.01E+00	mg/L
Silver	16/569	1.00E-03 - 3.90E-01	7.00E-04 - 6.00E-02	N	2.22E-02	mg/L
Sodium	1E3/1E3	3.35E+00 - 7.86E+01	5.00E+00 - 5.00E+00	N	1.83E+01	mg/L
Strontium	54/54	6.50E-02 - 1.70E-01		L	5.77E-02	mg/L
Sulfate	119/136	5.00E+00 - 7.42E+02	5.00E+00 - 1.00E+01	N	2.10E+01	mg/L
Sulfide	0/20		1.00E+00 - 1.00E+01	NT	2.75E+00	mg/L
Tetraoxo-sulfate(1-)	539/552	3.00E+00 - 3.98E+02	5.00E+00 - 5.00E+00	N	1.01E+01	mg/L
Thallium	5/557	7.20E-02 - 1.35E-01	1.50E-03 - 4.70E-01	N	1.02E-01	mg/L
Thorium	24/48	5.00E-02 - 5.00E-02	5.00E-02 - 5.00E-02	N	2.50E-02	mg/L
Tin	0/27		1.00E-02 - 4.00E+00	NT	7.79E-01	mg/L
Titanium	27/48	6.00E-02 - 2.20E-01	6.00E-02 - 6.00E-02	N	3.31E-02	mg/L
Total Phosphate as Phosphorus	3/289	2.20E+00 - 2.80E+00	2.00E+00 - 2.00E+00	N	1.00E+00	mg/L
Uranium	25/823	1.00E-03 - 2.40E-02	1.00E-03 - 1.00E-03	N	1.09E-03	mg/L
Vanadium	262/567	4.00E-03 - 4.28E-01	5.00E-03 - 5.00E-01	N	5.99E-02	mg/L
Zinc	251/794	5.00E-03 - 5.30E+00	5.00E-03 - 5.00E-01	N	5.00E-02	mg/L
Zirconium	24/48	2.00E-02 - 2.00E-02	2.00E-02 - 2.00E-02	N	1.00E-02	mg/L
1,1,1,2-Tetrachloroethane	0/340		5.00E-05 - 1.00E-02	NT	2.34E-03	mg/L
1,1,1-Trichloroethane	1/1E3	4.00E-03 - 4.00E-03	5.00E-05 - 5.00E+00	N	3.60E-02	mg/L
1,1,2,2-Tetrachloroethane	0/413		5.00E-05 - 2.50E-02	NT	2.43E-03	mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	0/51		1.00E-03 - 5.00E-03	NT	2.03E-03	mg/L
1,1,2-Trichloroethane	0/1E3		5.00E-05 - 5.00E+00	NT	3.36E-02	mg/L
1,1-Dichloroethane	0/1E3		5.00E-05 - 5.00E+00	NT	3.62E-02	mg/L
1,1-Dichloroethene	3/1E3	1.60E-03 - 2.00E-02	5.00E-05 - 5.00E+00	N	3.59E-02	mg/L
1,1-Dichloropropene	0/20		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
1,2,3-Trichloropropane	0/404		5.00E-05 - 1.50E-02	NT	2.75E-03	mg/L
1,2,4,5-Tetrachlorobenzene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,2,4-Trichlorobenzene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
1,2-Dibromo-3-chloropropane	0/308		5.00E-05 - 1.00E-02	NT	2.42E-03	mg/L
1,2-Dibromoethane	0/328		5.00E-05 - 1.00E-02	NT	2.26E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,2-Dichlorobenzene	1/343	5.70E-05 - 5.70E-05	5.00E-05 - 2.00E-02	N	2.46E-03	mg/L
1,2-Dichloroethane	0/1E3		5.00E-05 - 5.00E+00	NT	3.44E-02	mg/L
1,2-Dichloroethene	5/36	1.00E-03 - 1.40E-02	1.00E-03 - 5.00E-02	L	9.52E-04	mg/L
1,2-Dichloropropane	0/349		5.00E-05 - 2.50E-02	NT	2.41E-03	mg/L
1,3,5-Trimethylbenzene	1/1	2.00E-04 - 2.00E-04		NT	1.00E-04	mg/L
1,3,5-Trinitrobenzene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,3-Dichlorobenzene	0/43		1.00E-03 - 1.00E-01	NT	9.16E-03	mg/L
1,3-Dichloropropane	0/20		3.00E-04 - 3.00E-04	NT	1.50E-04	mg/L
1,3-Dinitrobenzene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,4-Dichlorobenzene	1/343	6.20E-05 - 6.20E-05	5.00E-05 - 2.00E-02	N	2.46E-03	mg/L
1,4-Difluorobenzene	0/13		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,4-Dioxane	0/20		1.00E-02 - 1.50E-01	NT	4.00E-02	mg/L
1,4-Naphthoquinone	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1-Naphthalenamine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,2-Dichloropropane	0/20		5.00E-04 - 5.00E-04	NT	2.50E-04	mg/L
2,3,4,6-Tetrachlorophenol	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4,5-T	0/20		2.34E-05 - 1.07E-03	NT	2.73E-04	mg/L
2,4,5-Trichlorophenol	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
2,4,6-Trichlorophenol	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
2,4-D	0/20		4.67E-05 - 1.07E-02	NT	2.69E-03	mg/L
2,4-Dichlorophenol	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
2,4-Dimethylphenol	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
2,4-Dinitrophenol	0/23		1.00E-02 - 5.00E-02	NT	1.39E-02	mg/L
2,4-Dinitrotoluene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
2,6-Dichlorophenol	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,6-Dinitrotoluene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
2-Acetylaminofluorene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Butanone	45/382	2.00E-03 - 1.70E-01	5.00E-03 - 5.00E-01	N	9.69E-03	mg/L
2-Chloro-1,3-butadiene	0/20		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
2-Chloroethyl vinyl ether	0/372		1.00E-03 - 2.00E-02	NT	3.33E-03	mg/L
2-Chloronaphthalene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
2-Chlorophenol	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
2-Hexanone	0/413		2.00E-03 - 2.50E-01	NT	6.54E-03	mg/L
2-Methyl-4,6-dinitrophenol	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
2-Methylnaphthalene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
2-Methylphenol	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
2-Naphthalenamine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Nitrobenzenamine	0/23		1.00E-02 - 5.00E-02	NT	1.41E-02	mg/L
2-Nitrophenol	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
3,3'-Dichlorobenzidine	0/23		1.00E-02 - 2.00E-02	NT	7.61E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
3,3'-Dimethylbenzidine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
3-Methylcholanthrene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
3-Methylphenol	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
3-Nitrobenzenamine	0/23		1.00E-02 - 5.00E-02	NT	1.41E-02	mg/L
4,4'-DDD	0/20		1.00E-04 - 1.00E-02	NT	2.53E-03	mg/L
4,4'-DDE	0/20		1.00E-04 - 1.00E-02	NT	2.53E-03	mg/L
4,4'-DDT	0/20		1.00E-04 - 1.00E-02	NT	2.53E-03	mg/L
4-Aminobiphenyl	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Bromofluorobenzene	2/2	9.40E-02 - 9.40E-02		N	4.70E-02	mg/L
4-Bromophenyl phenyl ether	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
4-Chloro-3-methylphenol	0/23		1.00E-02 - 2.00E-02	NT	7.61E-03	mg/L
4-Chlorobenzenamine	0/23		1.00E-02 - 2.00E-02	NT	7.61E-03	mg/L
4-Chlorophenyl phenyl ether	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
4-Methyl-2-pentanone	2/411	2.00E-03 - 1.70E-02	2.00E-03 - 2.50E-01	N	7.86E-03	mg/L
4-Methylphenol	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
4-Nitrobenzenamine	0/23		1.00E-02 - 5.00E-02	NT	1.41E-02	mg/L
4-Nitrophenol	0/23		1.00E-02 - 5.00E-02	NT	1.41E-02	mg/L
5-(2-Propenyl)-1,3-benzodioxole (Safrole)	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
5-Nitro-o-toluidine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
7,12-Dimethylbenz(a)anthracene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Acenaphthene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Acenaphthylene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Acetone	54/382	1.00E-03 - 9.90E-02	2.00E-03 - 5.00E-01	N	9.38E-03	mg/L
Acetonitrile	0/20		5.00E-02 - 6.00E-02	NT	2.75E-02	mg/L
Acetophenone	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Acrolein	0/354		1.00E-03 - 1.00E-01	NT	1.09E-02	mg/L
Acrylonitrile	1/378	1.00E-02 - 1.00E-02	1.00E-03 - 2.00E-01	N	1.51E-02	mg/L
Aldrin	0/20		5.00E-05 - 1.00E-02	NT	2.51E-03	mg/L
Allyl chloride	0/20		1.50E-02 - 1.00E-01	NT	2.88E-02	mg/L
Anthracene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Benz(a)anthracene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Benzene	2/1E3	1.40E-04 - 1.00E-03	5.00E-05 - 5.00E+00	N	3.63E-02	mg/L
Benzenemethanol	0/20		1.00E-02 - 2.00E-02	NT	7.50E-03	mg/L
Benzo(a)pyrene	0/23		1.00E-03 - 2.00E-02	NT	3.48E-03	mg/L
Benzo(b)fluoranthene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Benzo(ghi)perylene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Benzo(k)fluoranthene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Bis(2-chloroethoxy)methane	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Bis(2-chloroethyl) ether	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Bis(2-chloroisopropyl) ether	0/3		1.00E-02 - 2.00E-02	NT	8.33E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Bis(2-chloroisopropyl)ether	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-ethylhexyl)phthalate	5/23	5.00E-04 - 2.80E-02	1.00E-02 - 2.00E-02	N	4.98E-03	mg/L
Bromochloromethane	0/391		5.00E-05 - 5.00E-03	NT	2.25E-03	mg/L
Bromodichloromethane	0/1E3		5.00E-05 - 5.00E+00	NT	3.35E-02	mg/L
Bromoform	0/411		5.00E-05 - 2.50E-02	NT	2.42E-03	mg/L
Bromomethane	3/413	5.50E-05 - 1.00E-03	5.00E-05 - 5.00E-02	N	2.70E-03	mg/L
Butyl benzyl phthalate	0/23		1.00E-02 - 2.00E-02	NT	5.22E-03	mg/L
Carbazole	1/3	1.20E-02 - 1.20E-02	1.00E-02 - 2.00E-02	N	7.00E-03	mg/L
Carbon disulfide	0/410		1.00E-03 - 5.00E-01	NT	7.30E-03	mg/L
Carbon tetrachloride	2/1E3	2.00E-04 - 6.00E-04	5.00E-05 - 5.00E+00	N	3.34E-02	mg/L
Chlordene	0/10		2.00E-03 - 2.00E-03	NT	1.00E-03	mg/L
Chlorobenzene	2/413	4.60E-05 - 1.00E-03	5.00E-05 - 2.50E-02	N	2.42E-03	mg/L
Chlorobenzilate	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chloroethane	1/418	1.00E-03 - 1.00E-03	5.00E-05 - 1.00E-01	N	2.87E-03	mg/L
Chloroform	10/1E3	4.90E-05 - 2.00E-03	5.00E-05 - 5.00E+00	N	3.34E-02	mg/L
Chloromethane	14/411	5.70E-05 - 2.00E-03	5.00E-05 - 5.00E-02	N	2.74E-03	mg/L
Chrysene	1/23	6.00E-04 - 6.00E-04	1.00E-02 - 2.00E-02	N	5.23E-03	mg/L
Di-n-butyl phthalate	2/23	1.00E-02 - 1.00E-02	1.00E-02 - 2.00E-02	N	5.43E-03	mg/L
Di-n-octylphthalate	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Diallate	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibenz(a,h)anthracene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Dibenzofuran	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Dibromochloromethane	0/411		5.00E-05 - 2.50E-02	NT	2.42E-03	mg/L
Dibromomethane	0/404		5.00E-05 - 1.00E-02	NT	2.36E-03	mg/L
Dichlorodifluoromethane	1/404	7.40E-05 - 7.40E-05	5.00E-05 - 5.00E-03	N	2.25E-03	mg/L
Dieldrin	0/20		1.00E-04 - 1.00E-02	NT	2.53E-03	mg/L
Diethyl phthalate	1/23	1.10E-02 - 1.10E-02	1.00E-02 - 2.00E-02	L	5.23E-03	mg/L
Dimethoate	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dimethyl phthalate	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Dimethylbenzene	3/1E3	1.00E-03 - 6.00E-03	5.00E-05 - 1.00E+01	N	5.75E-02	mg/L
Dinoseb	0/20		5.36E-03 - 1.00E-02	NT	3.84E-03	mg/L
Diphenylamine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Disulfoton	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Endosulfan I	0/20		5.00E-05 - 1.00E-02	NT	2.51E-03	mg/L
Endosulfan II	0/20		5.00E-05 - 1.20E-04	NT	3.88E-05	mg/L
Endosulfan sulfate	0/20		1.00E-04 - 1.00E-02	NT	2.53E-03	mg/L
Endrin	0/20		1.00E-04 - 2.00E-04	NT	7.63E-05	mg/L
Endrin aldehyde	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Ethane	0/9		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Ethanol	7/340	7.00E-03 - 3.50E-01	5.00E-02 - 1.00E+00	N	1.58E-01	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Ethyl cyanide	0/20		6.00E-02 - 2.20E-01	NT	7.00E-02	mg/L
Ethyl methacrylate	0/384		1.00E-03 - 1.00E-02	NT	2.48E-03	mg/L
Ethyl methanesulfonate	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Ethylbenzene	1/1E3	1.00E-03 - 1.00E-03	5.00E-05 - 5.00E+00	N	3.63E-02	mg/L
Ethylene	0/9		3.00E-02 - 3.00E-02	NT	1.50E-02	mg/L
Fluoranthene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Fluorene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Heptachlor	0/20		5.00E-05 - 4.00E-04	NT	1.13E-04	mg/L
Heptachlor epoxide	0/20		5.00E-05 - 2.00E-04	NT	6.31E-05	mg/L
Hexachloro-1-propene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorobenzene	0/23		5.00E-04 - 2.00E-02	NT	1.41E-03	mg/L
Hexachlorobutadiene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Hexachlorocyclopentadiene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Hexachloroethane	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Indeno(1,2,3-cd)pyrene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Iodomethane	0/404		1.00E-03 - 5.00E-03	NT	2.32E-03	mg/L
Isobutanol	0/20		5.00E-02 - 2.80E+00	NT	7.13E-01	mg/L
Isodrin	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Isophorone	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Isosafrole	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Kepone	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Lindane	0/20		5.00E-05 - 2.00E-04	NT	6.31E-05	mg/L
Methacrylonitrile	0/20		5.00E-03 - 2.00E-02	NT	6.25E-03	mg/L
Methapyrilene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Methoxychlor	0/20		5.00E-04 - 4.00E-02	NT	1.01E-02	mg/L
Methyl methacrylate	0/20		5.00E-03 - 2.00E-02	NT	6.25E-03	mg/L
Methyl methanesulfonate	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Methyl parathion	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Methylene chloride	39/413	4.60E-05 - 1.80E-02	5.00E-05 - 2.50E-02	N	3.47E-03	mg/L
N-Nitroso-di-n-butylamine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
N-Nitroso-di-n-propylamine	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
N-Nitrosodiethylamine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
N-Nitrosodimethylamine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
N-Nitrosodiphenylamine	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
N-Nitrosomethylethylamine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
N-Nitrosopiperidine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
N-Nitrosopyrrolidine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Naphthalene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Nitrobenzene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
O,O,O-Triethylphosphorothioate	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=RGA Groundwater
(continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
PCB-1016	0/20		1.00E-04 - 6.00E-04	NT	3.12E-04	mg/L
PCB-1221	0/20		1.00E-04 - 6.00E-04	NT	3.12E-04	mg/L
PCB-1232	0/20		1.00E-04 - 6.00E-04	NT	3.12E-04	mg/L
PCB-1242	0/20		1.00E-04 - 6.00E-04	NT	3.12E-04	mg/L
PCB-1248	0/20		1.00E-04 - 6.00E-04	NT	3.12E-04	mg/L
PCB-1254	1/20	9.00E-04 - 9.00E-04	1.00E-04 - 5.90E-04	N	3.27E-04	mg/L
PCB-1260	0/20		5.00E-04 - 1.10E-03	NT	8.12E-04	mg/L
Parathion	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pentachlorobenzene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pentachlorodibenzofuran	0/20		1.00E-08 - 1.00E-08	NT	5.00E-09	mg/L
Pentachloroethane	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pentachloronitrobenzene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pentachlorophenol	0/23		1.00E-03 - 5.00E-02	NT	1.22E-02	mg/L
Phenacetin	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Phenanthrene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Phenol	0/23		1.00E-03 - 2.00E-02	NT	3.48E-03	mg/L
Phorate	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Polychlorinated biphenyl	1/99	1.00E-04 - 1.00E-04	1.00E-04 - 1.70E-04	N	1.04E-04	mg/L
Pronamide	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pyrene	0/23		1.00E-02 - 2.00E-02	NT	5.43E-03	mg/L
Pyridine	0/1		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Silvex	0/20		4.67E-05 - 1.07E-03	NT	2.79E-04	mg/L
Styrene	0/411		5.00E-05 - 2.50E-02	NT	2.52E-03	mg/L
Tetrachloroethene	4/1E3	6.90E-05 - 2.00E-03	5.00E-05 - 5.00E+00	N	3.53E-02	mg/L
Thionazin	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Toluene	15/1E3	4.70E-05 - 9.00E-03	5.00E-05 - 5.00E+00	N	3.63E-02	mg/L
Toxaphene	0/20		1.00E-03 - 3.00E-03	NT	1.01E-03	mg/L
Trans-1,4-Dichloro-2-butene	0/372		1.00E-03 - 1.00E-01	NT	5.72E-03	mg/L
Trichloroethene	966/1E3	6.50E-05 - 1.67E+02	1.00E-03 - 3.10E-01	N	3.85E-01	mg/L
Trichlorofluoromethane	7/404	5.50E-05 - 2.00E-03	5.00E-05 - 1.00E-02	N	2.37E-03	mg/L
Vinyl acetate	0/411		1.00E-03 - 2.50E-01	NT	4.95E-03	mg/L
Vinyl chloride	1/1E3	1.00E-03 - 1.00E-03	5.00E-05 - 1.00E+01	N	1.04E-01	mg/L
alpha-BHC	0/20		5.00E-05 - 1.00E-02	NT	2.51E-03	mg/L
alpha-Chlordane	0/10		5.00E-05 - 6.00E-05	NT	2.62E-05	mg/L
beta-BHC	0/20		5.00E-05 - 4.00E-02	NT	1.00E-02	mg/L
cis-1,2-Dichloroethene	20/1E3	5.10E-05 - 2.20E-02	5.00E-05 - 5.00E+00	N	7.62E-02	mg/L
cis-1,3-Dichloropropene	0/411		5.00E-05 - 2.50E-02	NT	2.64E-03	mg/L
cis-1,4-Dichloro-2-Butene	0/20		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
delta-BHC	0/20		5.00E-05 - 3.00E-02	NT	7.51E-03	mg/L
gamma-Chlordane	0/10		5.00E-05 - 6.00E-05	NT	2.62E-05	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
m,p-Xylene	3/12	4.60E-05 - 1.50E-04	1.00E-04 - 1.00E-04	N	4.80E-05	mg/L
o-Toluidine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
p-Dimethylaminoazobenzene	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
p-Phenylenediamine	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
trans-1,2-Dichloroethene	4/1E3	5.40E-05 - 5.00E-03	5.00E-05 - 5.00E+00	N	7.26E-02	mg/L
trans-1,3-Dichloropropene	1/413	1.70E-04 - 1.70E-04	5.00E-05 - 2.50E-02	N	2.59E-03	mg/L
Alpha activity	1E3/2E3	1.00E-01 - 1.88E+02	-6.18E+01 - 1.00E+03	N	2.07E+01	pCi/L
Americium-241	3/8	1.00E-01 - 8.00E-01	-1.90E+00 --3.00E-01	N	-2.06E-01	pCi/L
Beta activity	2E3/2E3	4.20E-01 - 1.81E+03	-7.00E+00 - 1.00E+03	N	6.86E+01	pCi/L
Cesium-137	5/8	1.00E-01 - 6.00E-01	-4.00E-01 - 0.00E+00	L	3.93E-01	pCi/L
Cobalt-60	6/8	1.00E-01 - 1.20E+00	-4.00E-01 - 0.00E+00	N	2.00E-01	pCi/L
Neptunium-237	28/48	1.00E-01 - 8.00E-01	-4.00E-01 - 0.00E+00	N	4.37E-02	pCi/L
Plutonium-239	9/48	1.00E-01 - 2.00E-01	-1.60E-01 - 0.00E+00	L	1.20E-01	pCi/L
Radium-226	20/27	2.00E-01 - 1.30E+00	-1.00E+00 - 0.00E+00	L	5.37E-01	pCi/L
Radon-222	498/499	8.00E-01 - 1.97E+03	0.00E+00 - 0.00E+00	N	2.14E+02	pCi/L
Technetium-99	1E3/2E3	2.00E-01 - 2.11E+03	-1.51E+01 - 2.50E+01	N	1.18E+02	pCi/L
Thorium-230	38/47	1.00E-01 - 1.60E+00	-4.00E-01 - 0.00E+00	N	1.86E-01	pCi/L
Thorium-234	1/1	6.00E-01 - 6.00E-01		NT	3.00E-01	pCi/L
Uranium-234	0/1			NT		pCi/L
Uranium-235	0/1			NT		
Uranium-238	0/1			NT		pCi/L

AREA_CODE=m MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	37/50	1.06E-01 - 8.00E+01	6.20E-01 - 1.00E+00	L	2.26E+00	mg/L
Antimony	4/44	2.00E-03 - 2.35E-01	1.30E-03 - 2.50E-01	N	4.75E-02	mg/L
Arsenic	12/63	5.40E-03 - 5.70E-02	5.00E-03 - 5.00E-03	N	3.29E-03	mg/L
Barium	59/63	3.80E-02 - 1.19E+00	7.00E-02 - 7.00E-02	L	2.30E-01	mg/L
Beryllium	0/43		4.00E-03 - 2.50E-02	NT	4.08E-03	mg/L
Cadmium	2/67	1.80E-02 - 1.90E-02	1.00E-02 - 1.00E-01	N	8.15E-03	mg/L
Calcium	60/61	5.36E+00 - 1.28E+02	2.00E+00 - 2.00E+00	L	3.75E+01	mg/L
Chloride	79/82	1.47E+00 - 2.13E+02	2.00E+00 - 1.00E+01	L	2.19E+01	mg/L
Chromium	7/67	5.40E-02 - 1.46E-01	5.00E-02 - 6.00E-02	N	2.78E-02	mg/L
Chromium, hexavalent	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Cobalt	1/43	6.60E-02 - 6.60E-02	4.50E-02 - 1.00E-01	N	2.53E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Copper	34/67	1.00E-02 - 1.32E+00	1.00E-02 - 1.00E-01	L	6.99E-02	mg/L
Fluoride	53/60	1.00E-01 - 8.90E+00	1.00E-01 - 1.00E-01	L	5.21E-01	mg/L
Iron	81/89	1.60E-02 - 6.80E+01	1.00E-02 - 3.60E-01	L	2.93E+00	mg/L
Lead	5/50	5.70E-02 - 2.35E-01	5.00E-02 - 2.50E-01	L	2.12E-02	mg/L
Magnesium	60/61	2.75E+00 - 4.37E+01	1.00E-01 - 1.00E-01	L	1.37E+01	mg/L
Manganese	37/61	5.00E-03 - 8.06E+00	5.00E-03 - 1.00E-01	L	1.34E-01	mg/L
Mercury	3/46	4.00E-04 - 5.00E-04	2.00E-04 - 2.00E-04	N	1.08E-04	mg/L
Molybdenum	0/28		5.00E-02 - 1.00E-01	NT	2.70E-02	mg/L
Nickel	12/66	7.60E-02 - 5.95E-01	5.00E-02 - 1.00E-01	N	4.96E-02	mg/L
Nitrate	1/1	2.10E+00 - 2.10E+00		NT	1.05E+00	mg/L
Nitrate as Nitrogen	37/77	2.80E-01 - 7.80E+00	1.00E-01 - 1.00E+00	L	9.77E-01	mg/L
Potassium	14/55	2.08E+00 - 1.36E+01	2.00E+00 - 1.05E+01	L	2.80E+00	mg/L
Selenium	1/50	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-03	N	2.50E-03	mg/L
Silica	48/48	1.10E+01 - 4.30E+01		N	1.57E+01	mg/L
Silver	1/38	4.50E-02 - 4.50E-02	3.00E-02 - 6.00E-02	N	1.89E-02	mg/L
Sodium	85/86	7.56E+00 - 1.49E+02	5.00E+00 - 5.00E+00	N	2.95E+01	mg/L
Sulfate	13/13	1.60E+01 - 1.90E+02		L	4.64E+01	mg/L
Tetraoxo-sulfate(1-)	62/62	6.20E+00 - 3.76E+02		L	3.63E+01	mg/L
Thallium	1/31	8.20E-03 - 8.20E-03	1.50E-03 - 4.70E-01	L	5.00E-02	mg/L
Tin	0/1		2.80E-01 - 2.80E-01	NT	1.40E-01	mg/L
Total Phosphate as Phosphorus	0/27		2.00E+00 - 2.00E+00	NT	1.00E+00	mg/L
Uranium	36/82	1.00E-03 - 6.40E-01	1.00E-03 - 1.00E-03	N	3.91E-02	mg/L
Vanadium	27/33	5.00E-02 - 7.60E-01	5.00E-02 - 5.00E-02	L	1.72E-01	mg/L
Zinc	48/66	6.00E-03 - 1.88E+00	5.00E-03 - 2.50E-01	L	1.02E-01	mg/L
1,1,1,2-Tetrachloroethane	0/8		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
1,1,1-Trichloroethane	0/80		1.00E-03 - 5.00E-02	NT	2.68E-03	mg/L
1,1,2,2-Tetrachloroethane	0/29		1.00E-03 - 5.00E-03	NT	2.22E-03	mg/L
1,1,2-Trichloroethane	0/81		1.00E-03 - 5.00E-01	NT	5.73E-03	mg/L
1,1-Dichloroethane	0/80		1.00E-03 - 5.00E-02	NT	2.68E-03	mg/L
1,1-Dichloroethene	0/80		1.00E-03 - 5.00E-02	NT	2.68E-03	mg/L
1,2,3-Trichloropropane	0/28		1.00E-03 - 1.50E-02	NT	3.64E-03	mg/L
1,2-Dibromo-3-chloropropane	0/8		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
1,2-Dibromoethane	0/8		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
1,2-Dichlorobenzene	0/8		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
1,2-Dichloroethane	0/81		1.00E-03 - 5.00E-01	NT	5.73E-03	mg/L
1,2-Dichloroethene	0/5		1.00E-03 - 5.00E-03	NT	9.00E-04	mg/L
1,2-Dichloropropane	0/9		1.00E-03 - 5.00E-03	NT	1.61E-03	mg/L
1,3-Dichlorobenzene	0/5		1.00E-03 - 5.00E-03	NT	9.00E-04	mg/L
1,4-Dichlorobenzene	0/8		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
1,4-Difluorobenzene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
2-Butanone	3/29	4.00E-03 - 7.00E-03	5.00E-03 - 1.00E-01	L	4.59E-03	mg/L
2-Chloroethyl vinyl ether	0/28		1.00E-03 - 2.00E-02	NT	4.00E-03	mg/L
2-Hexanone	0/29		5.00E-03 - 5.00E-02	NT	1.29E-02	mg/L
4-Methyl-2-pentanone	0/29		5.00E-03 - 1.00E-01	NT	1.98E-02	mg/L
Acetone	4/29	2.00E-03 - 1.50E-02	5.00E-03 - 1.00E-01	L	4.80E-03	mg/L
Acrolein	0/31		1.00E-03 - 1.00E-01	NT	2.89E-02	mg/L
Acrylonitrile	0/31		5.00E-03 - 2.00E-01	NT	4.40E-02	mg/L
Benzene	1/80	5.00E-03 - 5.00E-03	1.00E-03 - 5.00E-02	N	2.68E-03	mg/L
Bromochloromethane	0/24		1.00E-03 - 5.00E-03	NT	2.17E-03	mg/L
Bromodichloromethane	1/82	9.00E-03 - 9.00E-03	1.00E-03 - 5.00E-01	N	5.72E-03	mg/L
Bromoform	0/29		1.00E-03 - 5.00E-03	NT	2.22E-03	mg/L
Bromomethane	0/29		1.00E-03 - 1.00E-02	NT	3.00E-03	mg/L
Carbon disulfide	0/29		1.00E-03 - 1.00E-01	NT	1.70E-02	mg/L
Carbon tetrachloride	0/81		1.00E-03 - 5.00E-01	NT	5.73E-03	mg/L
Chlorobenzene	0/29		1.00E-03 - 5.00E-03	NT	2.22E-03	mg/L
Chloroethane	0/29		1.00E-03 - 1.00E-02	NT	3.34E-03	mg/L
Chloroform	3/83	2.00E-03 - 2.40E-02	1.00E-03 - 5.00E-01	N	5.75E-03	mg/L
Chloromethane	0/29		1.00E-03 - 1.00E-02	NT	3.00E-03	mg/L
Dibromochloromethane	1/30	2.00E-03 - 2.00E-03	1.00E-03 - 5.00E-03	N	2.18E-03	mg/L
Dibromomethane	0/28		1.00E-03 - 5.00E-03	NT	2.21E-03	mg/L
Dichlorodifluoromethane	3/28	1.00E-03 - 6.00E-03	1.00E-03 - 5.00E-03	N	2.34E-03	mg/L
Dimethylbenzene	0/80		1.00E-03 - 1.00E-01	NT	3.74E-03	mg/L
Ethanol	3/28	7.00E-03 - 2.40E-02	5.00E-02 - 1.00E+00	L	1.88E-02	mg/L
Ethyl methacrylate	0/28		1.00E-03 - 1.00E-02	NT	2.93E-03	mg/L
Ethylbenzene	0/80		1.00E-03 - 5.00E-02	NT	2.68E-03	mg/L
Iodomethane	0/28		1.00E-03 - 5.00E-03	NT	2.21E-03	mg/L
Methylene chloride	10/29	1.00E-03 - 1.30E-02	1.00E-03 - 1.00E-02	L	3.08E-03	mg/L
Polychlorinated biphenyl	0/30		1.00E-04 - 1.70E-04	NT	1.05E-04	mg/L
Styrene	0/29		1.00E-03 - 1.00E-02	NT	2.91E-03	mg/L
Tetrachloroethene	0/61		1.00E-03 - 5.00E-01	NT	6.80E-03	mg/L
Toluene	0/80		1.00E-03 - 5.00E-02	NT	2.68E-03	mg/L
Trans-1,4-Dichloro-2-butene	0/28		1.00E-03 - 1.00E-01	NT	1.58E-02	mg/L
Trichloroethene	13/153	1.00E-03 - 5.60E-02	1.00E-03 - 1.00E-01	N	2.48E-03	mg/L
Trichlorofluoromethane	0/28		1.00E-03 - 5.00E-03	NT	2.21E-03	mg/L
Vinyl acetate	0/29		1.00E-03 - 5.00E-02	NT	9.55E-03	mg/L
Vinyl chloride	0/81		1.00E-03 - 1.00E+00	NT	1.89E-02	mg/L
cis-1,2-Dichloroethene	0/60		1.00E-03 - 5.00E-01	NT	1.37E-02	mg/L
cis-1,3-Dichloropropene	0/29		1.00E-03 - 1.00E-02	NT	2.91E-03	mg/L
trans-1,2-Dichloroethene	0/80		1.00E-03 - 5.00E-01	NT	1.16E-02	mg/L
trans-1,3-Dichloropropene	0/29		1.00E-03 - 1.00E-02	NT	2.91E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=m MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Alpha activity	117/145	1.00E-01 - 3.49E+02	-1.07E+01 - 1.00E+03	N	4.18E+01	pCi/L
Americium-241	0/4		-1.50E+00 --1.00E-01	NT	-4.25E-01	pCi/L
Beta activity	136/145	1.00E+00 - 1.00E+03	-4.00E+00 - 1.00E+03	N	3.09E+01	pCi/L
Cesium-137	3/4	2.00E-01 - 9.00E-01	-7.00E-01 --7.00E-01	N	8.75E-02	pCi/L
Cobalt-60	4/4	7.00E-01 - 1.40E+00		N	5.13E-01	pCi/L
Neptunium-237	2/7	2.00E-01 - 2.00E-01	-5.00E-01 - 0.00E+00	N	-5.71E-02	pCi/L
Plutonium-239	1/7	2.00E-01 - 2.00E-01	0.00E+00 - 0.00E+00	N	1.43E-02	pCi/L
Radium-226	7/10	3.00E-01 - 1.60E+00	-9.00E-01 - 0.00E+00	L	6.97E-01	pCi/L
Radon-222	35/35	4.00E+01 - 6.95E+02		L	1.37E+02	pCi/L
Technetium-99	124/155	1.00E+00 - 3.39E+02	-9.40E+00 - 0.00E+00	L	2.27E+01	pCi/L
Thorium-230	3/7	3.00E-01 - 4.00E-01	0.00E+00 - 0.00E+00	N	7.86E-02	pCi/L

AREA_CODE=n MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	30/110	1.02E-01 - 9.04E+01	1.00E-01 - 1.00E+00	N	8.57E-01	mg/L
Antimony	1/76	1.85E-01 - 1.85E-01	6.00E-02 - 2.50E-01	N	7.50E-02	mg/L
Arsenic	4/59	5.00E-03 - 8.54E-02	5.00E-03 - 5.00E-03	N	3.46E-03	mg/L
Barium	51/59	6.80E-02 - 6.70E-01	5.00E-02 - 7.00E-02	L	1.65E-01	mg/L
Beryllium	1/59	1.70E-02 - 1.70E-02	4.00E-03 - 2.50E-02	N	6.06E-03	mg/L
Cadmium	1/59	2.10E-02 - 2.10E-02	1.00E-02 - 1.00E-01	L	1.54E-02	mg/L
Calcium	119/119	4.20E+00 - 1.18E+02		L	8.59E+00	mg/L
Chloride	113/113	2.60E+00 - 5.51E+01		L	6.80E+00	mg/L
Chromium	2/49	5.60E-02 - 2.32E-01	5.00E-02 - 6.00E-02	N	2.88E-02	mg/L
Cobalt	1/59	1.21E-01 - 1.21E-01	4.50E-02 - 1.00E-01	N	2.77E-02	mg/L
Copper	6/59	1.30E-02 - 1.63E-01	1.00E-02 - 1.00E-01	L	5.37E-03	mg/L
Fluoride	71/71	1.30E-01 - 3.90E-01		L	2.24E-01	mg/L
Iron	116/119	1.22E-01 - 1.79E+02	1.00E-02 - 3.60E-01	N	7.61E+00	mg/L
Lead	0/40		5.00E-02 - 2.50E-01	NT	7.53E-02	mg/L
Magnesium	119/119	1.31E+00 - 6.46E+01		L	3.41E+00	mg/L
Manganese	118/119	8.20E-02 - 3.91E+00	2.00E-02 - 2.00E-02	N	3.46E-01	mg/L
Mercury	1/41	4.50E-03 - 4.50E-03	2.00E-04 - 2.00E-04	N	1.52E-04	mg/L
Molybdenum	1/50	3.15E-01 - 3.15E-01	5.00E-02 - 1.00E-01	L	3.20E-02	mg/L
Nickel	2/59	1.07E-01 - 1.09E-01	5.00E-02 - 1.00E-01	N	3.95E-02	mg/L
Nitrate as Nitrogen	5/113	1.00E+00 - 5.60E+00	1.00E+00 - 1.00E+00	N	5.29E-01	mg/L
Potassium	78/113	3.82E+00 - 8.61E+01	2.00E+00 - 1.05E+01	N	5.45E+00	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Selenium	0/50		5.00E-03 - 1.00E-02	NT	2.55E-03	mg/L
Silica	91/91	2.00E+00 - 5.80E+01		N	1.29E+01	mg/L
Silver	0/27		5.00E-02 - 6.00E-02	NT	2.81E-02	mg/L
Sodium	119/119	1.41E+01 - 7.65E+01		L	1.13E+01	mg/L
Sulfate	4/5	1.90E+01 - 1.17E+03	5.00E+00 - 5.00E+00	N	1.37E+02	mg/L
Tetraoxo-sulfate(1-)	86/100	1.40E+00 - 2.89E+01	5.00E+00 - 5.00E+00	N	6.93E+00	mg/L
Thallium	3/32	1.03E-01 - 1.02E+00	5.60E-02 - 4.70E-01	L	8.48E-03	mg/L
Tin	0/2		2.80E-01 - 2.80E-01	NT	1.40E-01	mg/L
Total Phosphate as Phosphorus	1/70	5.20E+00 - 5.20E+00	2.00E+00 - 2.00E+00	N	1.02E+00	mg/L
Uranium	4/68	1.00E-03 - 1.80E-02	1.00E-03 - 1.00E-03	N	1.26E-03	mg/L
Vanadium	21/32	4.00E-02 - 8.36E-01	4.00E-02 - 5.00E-02	L	8.85E-02	mg/L
Zinc	33/59	5.00E-03 - 5.64E-01	5.00E-03 - 2.50E-01	L	4.36E-02	mg/L
1,1,1-Trichloroethane	0/116		5.00E-03 - 1.00E+00	NT	6.98E-03	mg/L
1,1,2,2-Tetrachloroethane	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/115		5.00E-03 - 1.00E+00	NT	7.02E-03	mg/L
1,1-Dichloroethane	0/112		5.00E-03 - 1.00E+00	NT	7.14E-03	mg/L
1,1-Dichloroethene	0/113		5.00E-03 - 1.00E+00	NT	7.12E-03	mg/L
1,2-Dichloroethane	0/116		5.00E-03 - 1.00E+00	NT	6.98E-03	mg/L
1,2-Dichloroethene	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichloropropane	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,3-Dichlorobenzene	0/3		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
2-Butanone	0/2		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
2-Hexanone	0/2		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Methyl-2-pentanone	0/2		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Acetone	0/2		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Benzene	0/112		5.00E-03 - 1.00E+00	NT	7.14E-03	mg/L
Bromodichloromethane	0/115		5.00E-03 - 1.00E+00	NT	7.02E-03	mg/L
Bromoform	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromomethane	0/2		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/2		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Carbon tetrachloride	0/116		5.00E-03 - 1.00E+00	NT	6.98E-03	mg/L
Chlorobenzene	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Chloroethane	0/2		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chloroform	0/115		5.00E-03 - 1.00E+00	NT	7.02E-03	mg/L
Chloromethane	0/2		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibromochloromethane	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dimethylbenzene	0/112		5.00E-03 - 1.00E+00	NT	8.62E-03	mg/L
Ethylbenzene	0/112		5.00E-03 - 1.00E+00	NT	7.14E-03	mg/L
Methylene chloride	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Polychlorinated biphenyl	0/4		1.00E-04 - 1.00E-04	NT	1.00E-04	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Styrene	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Tetrachloroethene	0/115		5.00E-03 - 1.00E+00	NT	7.02E-03	mg/L
Toluene	0/112		5.00E-03 - 1.00E+00	NT	7.14E-03	mg/L
Trichloroethene	10/154	1.00E-03 - 9.60E+00	1.00E-03 - 1.00E-02	N	6.36E-02	mg/L
Vinyl acetate	0/2		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Vinyl chloride	0/115		1.00E-03 - 1.00E+00	NT	1.68E-02	mg/L
cis-1,2-Dichloroethene	0/114		5.00E-03 - 2.00E+00	NT	3.16E-02	mg/L
cis-1,3-Dichloropropene	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
trans-1,2-Dichloroethene	0/114		5.00E-03 - 2.00E+00	NT	3.16E-02	mg/L
trans-1,3-Dichloropropene	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Alpha activity	124/145	2.00E-01 - 1.07E+02	-3.11E+01 - 0.00E+00	L	4.21E+00	pCi/L
Beta activity	144/145	1.00E+00 - 1.48E+03	0.00E+00 - 0.00E+00	L	2.73E+01	pCi/L
Neptunium-237	12/27	1.00E-01 - 5.00E-01	-7.00E-01 - 0.00E+00	N	-1.48E-02	pCi/L
Plutonium-238	1/2	5.00E-02 - 5.00E-02	-1.00E-01 --1.00E-01	N	-1.25E-02	pCi/L
Plutonium-239	4/24	1.00E-01 - 2.00E-01	0.00E+00 - 0.00E+00	N	1.04E-02	pCi/L
Plutonium-239/240	0/1		-1.21E-02 --1.21E-02	NT	-6.05E-03	pCi/L
Radium-226	19/22	1.00E-01 - 1.30E+00	-7.00E-01 - 0.00E+00	L	6.56E-01	pCi/L
Radon-222	98/98	2.20E+01 - 3.91E+02		N	8.60E+01	pCi/L
Technetium-99	113/158	5.00E-01 - 1.95E+03	-1.29E+01 - 0.00E+00	L	1.11E+01	pCi/L
Thorium-230	16/26	1.00E-02 - 2.30E+00	-1.41E-01 - 0.00E+00	L	3.15E-01	pCi/L

AREA_CODE=n MEDIA=Other Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	61/83	1.16E-01 - 8.77E+01	6.20E-01 - 1.00E+00	L	2.32E+00	mg/L
Ammonia as Nitrogen	1/3	6.23E+00 - 6.23E+00	3.00E-02 - 3.00E-02	N	1.05E+00	mg/L
Antimony	3/68	2.38E-02 - 6.40E-02	2.00E-02 - 2.50E-01	L	2.07E-02	mg/L
Arsenic	5/103	1.60E-03 - 2.10E-02	1.00E-03 - 5.00E-03	N	2.48E-03	mg/L
Barium	67/103	3.41E-02 - 2.78E-01	5.00E-02 - 2.00E-01	L	9.16E-02	mg/L
Beryllium	6/68	1.90E-03 - 6.28E-02	1.00E-03 - 2.50E-02	L	3.03E-04	mg/L
Cadmium	1/103	1.60E-02 - 1.60E-02	2.00E-03 - 1.00E-01	N	2.21E-02	mg/L
Calcium	65/65	3.94E+00 - 4.39E+02		L	2.87E+01	mg/L
Chloride	63/63	2.70E+00 - 7.74E+01		L	1.36E+01	mg/L
Chlorine, Total Residual	0/1		2.50E-01 - 2.50E-01	NT	1.25E-01	mg/L
Chromium	11/65	2.00E-03 - 9.40E-02	2.00E-03 - 6.00E-02	N	2.49E-02	mg/L
Chromium, hexavalent	0/43		1.00E-02 - 2.50E-01	NT	1.23E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Cobalt	11/68	3.50E-03 - 1.01E+00	3.00E-03 - 1.00E-01	N	4.58E-02	mg/L
Copper	18/67	4.30E-03 - 4.80E-02	2.00E-03 - 1.00E-01	L	9.64E-03	mg/L
Cyanide	0/4		3.00E-03 - 3.00E-03	NT	1.50E-03	mg/L
Fluoride	51/59	1.50E-01 - 2.90E+00	1.00E-01 - 1.00E-01	L	4.89E-01	mg/L
Iron	82/100	1.60E-02 - 1.23E+03	1.00E-02 - 5.00E-01	L	2.29E+01	mg/L
Kjeldahl Nitrogen	3/4	3.50E-01 - 1.38E+00	2.00E+00 - 2.00E+00	N	6.33E-01	mg/L
Lead	14/100	1.60E-03 - 1.78E+00	1.00E-03 - 2.50E-01	N	1.02E-01	mg/L
Magnesium	100/100	1.52E+00 - 1.72E+02		L	2.15E+01	mg/L
Manganese	82/100	7.00E-03 - 6.00E+01	5.00E-03 - 5.00E-02	L	2.03E+00	mg/L
Mercury	2/61	3.00E-04 - 3.80E-03	2.00E-04 - 4.00E-04	N	1.32E-04	mg/L
Molybdenum	0/40		4.00E-02 - 1.00E-01	NT	2.64E-02	mg/L
Nickel	25/103	7.70E-03 - 7.76E-01	5.00E-02 - 1.00E-01	L	3.99E-02	mg/L
Nitrate as Nitrogen	35/60	1.00E+00 - 4.60E+00	1.00E+00 - 1.00E+00	L	1.74E+00	mg/L
Nitrate/Nitrite	2/4	2.10E-01 - 2.20E-01	5.00E-02 - 5.00E-02	N	6.63E-02	mg/L
Orthophosphate	0/3		1.00E-03 - 1.00E-01	NT	2.52E-02	mg/L
Phosphorous	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Potassium	39/97	6.04E-01 - 2.46E+01	2.00E+00 - 1.05E+01	L	5.18E+00	mg/L
Selenium	3/66	1.10E-03 - 4.90E-03	1.00E-03 - 1.50E-02	N	2.37E-03	mg/L
Silica	77/78	6.00E+00 - 5.02E+02	1.00E+01 - 1.00E+01	L	3.51E+01	mg/L
Silver	1/31	2.20E-03 - 2.20E-03	2.00E-03 - 6.00E-02	N	2.22E-02	mg/L
Sodium	100/100	8.18E+00 - 2.05E+02		L	2.83E+01	mg/L
Strontium	30/38	4.07E-01 - 2.33E+00	5.00E-01 - 1.21E+00	N	5.38E-01	mg/L
Sulfate	3/3	1.38E+01 - 1.98E+03		N	3.43E+02	mg/L
Sulfide	2/4	2.40E+00 - 2.40E+00	1.00E+00 - 1.00E+00	N	8.50E-01	mg/L
Tetraoxo-sulfate(1-)	48/48	1.70E+00 - 4.87E+03		L	2.37E+02	mg/L
Thallium	1/45	7.50E-02 - 7.50E-02	1.00E-03 - 4.70E-01	L	7.93E-02	mg/L
Tin	1/4	1.05E-02 - 1.05E-02	1.00E-02 - 1.00E-02	N	5.06E-03	mg/L
Total Phosphate as Phosphorus	1/3	3.40E-01 - 3.40E-01	1.00E-01 - 1.00E-01	N	9.00E-02	mg/L
Uranium	48/103	1.00E-03 - 1.40E-02	1.00E-03 - 1.00E-03	N	2.32E-03	mg/L
Vanadium	33/45	1.70E-03 - 4.98E+00	4.10E-02 - 5.00E-02	L	7.76E-02	mg/L
Zinc	36/68	4.00E-03 - 1.99E+00	5.00E-03 - 2.50E-01	L	2.88E-02	mg/L
1,1,1,2-Tetrachloroethane	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,1-Trichloroethane	3/72	6.00E-03 - 4.40E-02	5.00E-03 - 2.50E-01	N	9.60E-03	mg/L
1,1,2,2-Tetrachloroethane	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,1,2-Trichloroethane	0/72		5.00E-03 - 2.50E-01	NT	9.31E-03	mg/L
1,1-Dichloroethane	11/72	3.00E-03 - 1.40E-01	5.00E-03 - 2.50E-01	N	1.18E-02	mg/L
1,1-Dichloroethene	11/72	1.80E-02 - 4.60E-01	5.00E-03 - 2.50E-01	N	1.80E-02	mg/L
1,2,3-Trichloropropane	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2,4,5-Tetrachlorobenzene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
1,2,4-Trichlorobenzene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,2-Dibromo-3-chloropropane	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dibromoethane	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,2-Dichlorobenzene	0/12		4.00E-03 - 1.00E-02	NT	4.50E-03	mg/L
1,2-Dichloroethane	0/72		5.00E-03 - 2.50E-01	NT	9.31E-03	mg/L
1,2-Dichloroethene	2/10	3.40E-02 - 3.30E-01	5.00E-03 - 5.00E-03	L	1.17E-03	mg/L
1,2-Dichloropropane	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,3,5-Trinitrobenzene	0/5		6.00E-03 - 1.00E-02	NT	4.60E-03	mg/L
1,3-Dichlorobenzene	0/12		4.00E-03 - 1.00E-02	NT	4.50E-03	mg/L
1,3-Dinitrobenzene	0/5		6.00E-03 - 2.00E-02	NT	8.60E-03	mg/L
1,4-Dichlorobenzene	0/12		3.00E-03 - 1.00E-02	NT	4.42E-03	mg/L
1,4-Dioxane	0/5		1.50E-01 - 1.50E-01	NT	7.50E-02	mg/L
1,4-Naphthoquinone	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
1-Naphthalenamine	0/4		1.00E-02 - 5.00E-02	NT	1.00E-02	mg/L
2,3,4,6-Tetrachlorophenol	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
2,4,5-T	0/4		2.00E-04 - 6.00E-04	NT	1.50E-04	mg/L
2,4,5-Trichlorophenol	0/10		1.00E-02 - 5.00E-02	NT	1.10E-02	mg/L
2,4,6-Trichlorophenol	0/10		1.00E-02 - 4.00E-02	NT	6.50E-03	mg/L
2,4-D	0/4		1.00E-03 - 3.60E-03	NT	8.25E-04	mg/L
2,4-Dichlorophenol	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
2,4-Dimethylphenol	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,4-Dinitrophenol	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
2,4-Dinitrotoluene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2,6-Dichlorophenol	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
2,6-Dinitrotoluene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Acetylaminofluorene	0/4		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
2-Amino-4,6-Dinitrotoluene	0/1		2.60E-04 - 2.60E-04	NT	1.30E-04	mg/L
2-Butanone	0/10		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
2-Chloro-1,3-butadiene	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
2-Chloroethyl vinyl ether	0/5		1.00E-02 - 2.00E-02	NT	6.00E-03	mg/L
2-Chloronaphthalene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
2-Chlorophenol	0/10		1.00E-02 - 4.00E-02	NT	6.50E-03	mg/L
2-Hexanone	0/10		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
2-Methyl-4,6-dinitrophenol	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
2-Methylnaphthalene	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
2-Methylphenol	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
2-Methylpyridine	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
2-Naphthalenamine	0/4		1.00E-02 - 5.00E-02	NT	1.00E-02	mg/L
2-Nitrobenzenamine	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
2-Nitrophenol	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
2-Nitrotoluene	0/1		2.50E-04 - 2.50E-04	NT	1.25E-04	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
3,3'-Dichlorobenzidine	0/10		2.00E-02 - 4.00E-02	NT	1.10E-02	mg/L
3,3'-Dimethylbenzidine	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
3-Methylcholanthrene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
3-Methylphenol	0/4		1.00E-02 - 5.00E-02	NT	1.00E-02	mg/L
3-Nitrobenzenamine	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
4,4'-DDD	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
4,4'-DDE	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
4,4'-DDT	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
4-Amino-2,6-Dinitrotoluene	0/1		2.60E-04 - 2.60E-04	NT	1.30E-04	mg/L
4-Aminobiphenyl	0/4		2.00E-02 - 5.00E-02	NT	1.38E-02	mg/L
4-Bromophenyl phenyl ether	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Chloro-3-methylphenol	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
4-Chlorobenzenamine	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
4-Chlorophenyl phenyl ether	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
4-Methyl-2-pentanone	0/10		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
4-Methylphenol	0/10		1.00E-02 - 5.00E-02	NT	7.00E-03	mg/L
4-Nitrobenzenamine	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
4-Nitrophenol	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
4-Nitroquinoline-1-oxide	0/4		4.00E-02 - 4.00E-02	NT	2.00E-02	mg/L
5-(2-Propenyl)-1,3-benzodioxole (Safrole)	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
5-Nitro-o-toluidine	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
7,12-Dimethylbenz(a)anthracene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Acenaphthene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Acenaphthylene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Acetone	1/10	1.00E-01 - 1.00E-01	1.00E-01 - 1.00E-01	N	5.00E-02	mg/L
Acetonitrile	0/5		5.00E-02 - 1.00E-01	NT	3.00E-02	mg/L
Acetophenone	0/4		1.00E-02 - 1.50E-02	NT	5.63E-03	mg/L
Acrolein	0/5		5.00E-02 - 1.00E-01	NT	3.00E-02	mg/L
Acrylonitrile	0/5		5.00E-02 - 1.00E-01	NT	3.00E-02	mg/L
Aldrin	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
Allyl chloride	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Aniline	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
Anthracene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Aramite	0/4		2.00E-02 - 3.00E-02	NT	1.13E-02	mg/L
Azinphos-methyl	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Benz(a)anthracene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzene	0/76		2.00E-03 - 2.50E-01	NT	8.87E-03	mg/L
Benzenemethanol	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzo(a)pyrene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzo(b)fluoranthene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Benzo(ghi)perylene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Benzo(k)fluoranthene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-chloroethoxy)methane	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
Bis(2-chloroethyl) ether	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
Bis(2-chloroisopropyl)ether	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Bis(2-ethylhexyl)phthalate	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
Bromodichloromethane	0/72		5.00E-03 - 2.50E-01	NT	9.31E-03	mg/L
Bromoform	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bromomethane	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Butyl benzyl phthalate	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbazole	0/6		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/10		5.00E-03 - 1.00E-01	NT	7.25E-03	mg/L
Carbon tetrachloride	0/72		5.00E-03 - 2.50E-01	NT	9.31E-03	mg/L
Chlorobenzene	0/14		2.00E-03 - 5.00E-03	NT	2.07E-03	mg/L
Chlorobenzilate	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Chloroethane	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chloroform	0/72		5.00E-03 - 2.50E-01	NT	9.31E-03	mg/L
Chloromethane	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Chrysene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Co-Ral	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Cyclotrimethylenetrinitramine	0/1		8.50E-04 - 8.50E-04	NT	4.25E-04	mg/L
Demeton O and S	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Di-n-butyl phthalate	1/10	1.40E-02 - 1.40E-02	1.00E-02 - 1.00E-02	N	5.20E-03	mg/L
Di-n-octylphthalate	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Diallate	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Diazinon	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Dibenz(a,h)anthracene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibenzofuran	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dibromochloromethane	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dibromomethane	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dichlorodifluoromethane	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Dichlorvos	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Dieldrin	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
Diethyl phthalate	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dimethoate	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Dimethyl phthalate	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
Dimethyl-1,2-dibromo-2,2-dichloroethyl phospate	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Dimethylbenzene	0/76		2.00E-03 - 5.00E-01	NT	1.55E-02	mg/L
Dinoseb	0/4		2.00E-02 - 3.00E-02	NT	1.13E-02	mg/L
Diphenylamine	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Disulfoton	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
Endosulfan I	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
Endosulfan II	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
Endosulfan sulfate	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
Endrin	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
Endrin aldehyde	0/10		1.00E-05 - 3.30E-03	NT	1.74E-04	mg/L
Endrin ketone	0/5		1.00E-05 - 1.00E-05	NT	5.00E-06	mg/L
Ethion	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Ethyl cyanide	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Ethyl methacrylate	0/5		1.00E-02 - 2.00E-02	NT	6.00E-03	mg/L
Ethyl methanesulfonate	0/4		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Ethylbenzene	0/76		2.00E-03 - 2.50E-01	NT	8.87E-03	mg/L
Fensulfothion	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Fenthion	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Fluoranthene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Fluorene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
HMX	0/1		1.00E-03 - 1.00E-03	NT	5.00E-04	mg/L
Heptachlor	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
Heptachlor epoxide	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
Hexachloro-1-propene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachloro-dibenzo[b,e][1,4]dioxin	0/5		9.00E-07 - 2.00E-06	NT	7.60E-07	mg/L
Hexachlorobenzene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorobutadiene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorocyclopentadiene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorodibenzofuran	0/5		9.00E-07 - 1.90E-06	NT	6.60E-07	mg/L
Hexachloroethane	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Hexachlorophene	0/4		5.00E-01 - 5.00E-01	NT	2.50E-01	mg/L
Indeno(1,2,3-cd)pyrene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Iodomethane	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Isobutanol	0/5		5.00E-02 - 1.00E-01	NT	3.00E-02	mg/L
Isodrin	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Isophorone	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
Isosafrole	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Kepone	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Lindane	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
Merphos	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Methacrylonitrile	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Methapyrilene	0/4		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Methoxychlor	0/10		5.00E-05 - 1.70E-02	NT	8.90E-04	mg/L
Methyl methacrylate	0/5		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Methyl methanesulfonate	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
Methyl parathion	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Methylene chloride	9/10	1.00E-03 - 1.10E-02	5.00E-03 - 5.00E-03	N	3.33E-03	mg/L
Mocap	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
N-Nitroso-di-n-butylamine	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
N-Nitroso-di-n-propylamine	0/10		1.00E-02 - 3.00E-02	NT	6.00E-03	mg/L
N-Nitrosodiethylamine	0/4		2.00E-02 - 3.00E-02	NT	1.13E-02	mg/L
N-Nitrosodimethylamine	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
N-Nitrosodiphenylamine	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
N-Nitrosomethylethylamine	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
N-Nitrosomorpholine	0/4		1.00E-02 - 4.00E-02	NT	8.75E-03	mg/L
N-Nitrosopiperidine	0/4		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
N-Nitrosopyrrolidine	0/4		4.00E-02 - 4.00E-02	NT	2.00E-02	mg/L
Naphthalene	1/10	7.00E-02 - 7.00E-02	1.00E-02 - 1.00E-02	N	8.00E-03	mg/L
Nitrobenzene	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
O,O,O-Triethylphosphorothioate	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
PCB-1016	0/10		1.00E-04 - 1.30E-02	NT	1.40E-03	mg/L
PCB-1221	0/10		1.00E-04 - 1.30E-02	NT	1.47E-03	mg/L
PCB-1232	0/10		1.00E-04 - 1.30E-02	NT	1.39E-03	mg/L
PCB-1242	0/10		1.00E-04 - 1.30E-02	NT	1.39E-03	mg/L
PCB-1248	0/10		1.00E-04 - 1.30E-02	NT	1.39E-03	mg/L
PCB-1254	0/10		1.00E-04 - 1.30E-02	NT	1.39E-03	mg/L
PCB-1260	0/10		1.00E-04 - 1.30E-02	NT	1.39E-03	mg/L
Parathion	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
Pentachloro-dibenzo[b,e][1,4]dioxin	0/5		9.00E-07 - 1.50E-06	NT	6.00E-07	mg/L
Pentachlorobenzene	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pentachlorodibenzofuran	0/5		1.00E-06 - 1.20E-06	NT	5.50E-07	mg/L
Pentachloroethane	0/5		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pentachloronitrobenzene	0/4		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Pentachlorophenol	0/10		4.80E-02 - 5.00E-02	NT	2.45E-02	mg/L
Phenacetin	0/4		2.00E-02 - 3.00E-02	NT	1.13E-02	mg/L
Phenanthrene	1/10	2.00E-03 - 2.00E-03	1.00E-02 - 1.00E-02	N	4.60E-03	mg/L
Phenol	0/10		1.00E-02 - 2.00E-02	NT	5.50E-03	mg/L
Phorate	0/4		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Phosdrin	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Polychlorinated biphenyl	0/9		1.70E-04 - 1.70E-04	NT	1.70E-04	mg/L
Pronamide	0/4		1.00E-02 - 2.00E-02	NT	6.25E-03	mg/L
Prothiophos	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Pyrene	0/10		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Pyridine	0/4		1.00E-02 - 5.00E-02	NT	1.00E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Ronnel	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Silvex	0/4		2.00E-04 - 5.00E-04	NT	1.38E-04	mg/L
Styrene	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Sulfotepp	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Sulprofos	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Tetrachloro-dibenzo[b,e][1,4]dioxin	0/5		7.00E-07 - 1.00E-06	NT	4.50E-07	mg/L
Tetrachlorodibenzofuran	0/5		6.00E-07 - 9.00E-07	NT	3.50E-07	mg/L
Tetrachloroethene	0/72		5.00E-03 - 2.50E-01	NT	9.31E-03	mg/L
Tetrachlorovinphos	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Tetryl	0/1		1.00E-03 - 1.00E-03	NT	5.00E-04	mg/L
Thionazin	0/4		2.00E-02 - 2.00E-02	NT	1.00E-02	mg/L
Toluene	0/76		2.00E-03 - 2.50E-01	NT	8.87E-03	mg/L
Toxaphene	0/10		1.00E-04 - 1.70E-01	NT	8.86E-03	mg/L
Trans-1,4-Dichloro-2-butene	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloroethene	22/111	1.00E-03 - 6.00E-01	1.00E-03 - 5.00E-03	N	1.46E-02	mg/L
Trichlorofluoromethane	0/5		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Trichloronate	0/4		1.00E-04 - 1.00E-04	NT	5.00E-05	mg/L
Trinitrotoluene	0/3		6.00E-03 - 6.00E-03	NT	3.00E-03	mg/L
Vinyl acetate	0/6		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Vinyl chloride	1/72	1.50E-02 - 1.50E-02	5.00E-03 - 2.50E-01	N	2.62E-02	mg/L
a,a-Dimethylphenethylamine	0/4		2.00E-02 - 3.00E-02	NT	1.13E-02	mg/L
alpha-BHC	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
alpha-Chlordane	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
beta-BHC	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
cis-1,2-Dichloroethene	32/63	1.40E-02 - 4.20E+00	5.00E-03 - 5.00E-03	L	3.94E-02	mg/L
cis-1,3-Dichloropropene	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
delta-BHC	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
gamma-Chlordane	0/10		5.00E-06 - 1.70E-03	NT	8.73E-05	mg/L
m,p-Xylene	0/5		2.00E-03 - 5.00E-03	NT	1.30E-03	mg/L
m-Nitrotoluene	0/1		2.50E-04 - 2.50E-04	NT	1.25E-04	mg/L
o-Toluidine	0/4		1.00E-02 - 3.00E-02	NT	7.50E-03	mg/L
p-Dimethylaminoazobenzene	0/4		1.00E-02 - 3.00E-01	NT	4.13E-02	mg/L
p-Nitrotoluene	0/1		2.50E-04 - 2.50E-04	NT	1.25E-04	mg/L
p-Phenylenediamine	0/4		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
trans-1,2-Dichloroethene	0/63		5.00E-03 - 2.50E-01	NT	2.06E-02	mg/L
trans-1,3-Dichloropropene	0/10		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Alpha activity	93/121	1.00E-01 - 5.99E+01	-1.13E+01 - 1.04E+01	L	5.90E+00	pCi/L
Beta activity	106/121	1.00E+00 - 1.60E+02	-6.00E+00 - 3.13E+01	L	1.55E+01	pCi/L
Neptunium-237	13/36	1.00E-01 - 8.00E-01	-1.00E+00 - 0.00E+00	L	3.92E-01	pCi/L
Plutonium-238	1/1	1.00E-01 - 1.00E-01		NT	5.00E-02	pCi/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Plutonium-239	7/35	1.00E-01 - 1.00E-01	0.00E+00 - 7.00E-02	L	4.82E-02	pCi/L
Plutonium-242	1/1	1.83E-02 - 1.83E-02		NT	9.15E-03	pCi/L
Radium-226	24/30	1.00E-01 - 9.00E-01	-1.00E+00 - 0.00E+00	L	4.47E-01	pCi/L
Radon-222	58/58	9.00E+00 - 5.29E+03		L	3.30E+02	pCi/L
Technetium-99	87/121	9.17E-01 - 1.88E+02	-1.59E+01 - 9.40E-01	L	9.18E+00	pCi/L
Thorium-228	1/1	7.80E-01 - 7.80E-01		NT	3.90E-01	pCi/L
Thorium-230	30/36	1.00E-01 - 1.60E+00	-5.00E-01 - 0.00E+00	N	2.04E-01	pCi/L
Thorium-232	1/1	6.40E-01 - 6.40E-01		NT	3.20E-01	pCi/L
Uranium-234	11/14	1.80E-01 - 8.44E+00	1.30E-01 - 1.70E-01	L	9.68E-01	pCi/L
Uranium-235	5/11	6.00E-02 - 6.10E-01	3.00E-02 - 1.20E-01	L	1.15E-01	pCi/L
Uranium-238	12/14	1.60E-01 - 8.72E+00	1.20E-01 - 1.90E-01	L	1.06E+00	pCi/L

AREA_CODE=n MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	440/989	2.80E-02 - 1.43E+02	1.50E-02 - 1.00E+00	N	8.50E-01	mg/L
Antimony	6/1E3	1.70E-03 - 2.73E-01	1.30E-03 - 2.50E-01	N	7.46E-02	mg/L
Arsenic	57/1E3	1.80E-03 - 1.40E-01	1.00E-03 - 5.00E-03	N	2.75E-03	mg/L
Barium	1E3/1E3	1.00E-02 - 2.70E+00	3.50E-02 - 7.00E-02	N	9.48E-02	mg/L
Beryllium	43/974	2.00E-04 - 1.40E-02	1.00E-04 - 1.00E-01	N	6.50E-03	mg/L
Bicarbonate	3/3	1.81E+02 - 2.37E+02		N	1.01E+02	mg/L
Boron	34/48	3.00E-02 - 1.54E+00	3.00E-02 - 3.00E-02	L	1.63E-01	mg/L
Cadmium	19/1E3	1.00E-04 - 3.42E-01	2.67E-04 - 3.00E-01	N	8.90E-03	mg/L
Calcium	1E3/1E3	2.88E+00 - 1.34E+02	2.06E+01 - 2.06E+01	N	1.25E+01	mg/L
Carbonate	0/3		1.00E+00 - 1.00E+00	NT	5.00E-01	mg/L
Cerium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	N	4.00E-02	mg/L
Chloride	1E3/1E3	2.70E+00 - 5.86E+02	2.00E+01 - 2.00E+01	N	2.18E+01	mg/L
Chromium	345/1E3	2.40E-03 - 2.51E+01	2.00E-03 - 1.32E+00	N	1.02E-01	mg/L
Chromium, hexavalent	0/26		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Cobalt	49/969	3.40E-03 - 9.00E-02	1.78E-03 - 4.50E-01	N	2.67E-02	mg/L
Copper	114/1E3	4.00E-03 - 1.87E+00	2.00E-03 - 4.50E-01	N	2.36E-02	mg/L
Cyanide	0/30		3.00E-03 - 2.00E-02	NT	7.60E-03	mg/L
Fluoride	718/841	1.00E-01 - 7.20E+00	1.00E-01 - 1.00E+00	N	1.75E-01	mg/L
Gallium	24/48	9.00E-02 - 9.00E-02	9.00E-02 - 9.00E-02	N	4.50E-02	mg/L
Iron	1E3/2E3	1.00E-02 - 7.20E+02	5.00E-03 - 2.88E+00	N	2.59E+00	mg/L
Lead	34/1E3	2.40E-03 - 4.32E-01	1.00E-03 - 2.50E-01	N	4.71E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Lithium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	N	4.00E-02	mg/L
Magnesium	1E3/1E3	1.04E-01 - 4.72E+01		N	4.97E+00	mg/L
Manganese	719/1E3	2.50E-03 - 1.49E+01	5.00E-03 - 1.00E+00	N	1.91E-01	mg/L
Mercury	3/1E3	3.00E-04 - 3.00E-04	2.00E-04 - 4.70E-02	N	2.07E-04	mg/L
Molybdenum	32/509	1.50E-02 - 2.86E-01	4.40E-03 - 1.00E-01	N	2.77E-02	mg/L
Nickel	324/1E3	7.40E-03 - 1.89E+00	4.20E-03 - 1.00E+00	N	5.94E-02	mg/L
Nitrate as Nitrogen	1E3/1E3	6.20E-01 - 3.93E+01	1.00E-01 - 1.00E+00	N	1.05E+00	mg/L
Nitrate/Nitrite	6/6	5.00E-02 - 9.40E+00		N	9.37E-01	mg/L
Potassium	263/1E3	1.10E-01 - 4.41E+01	2.00E+00 - 3.00E+01	N	2.86E+00	mg/L
Selenium	8/1E3	1.00E-03 - 4.76E-01	1.00E-03 - 1.50E-02	N	2.73E-03	mg/L
Silica	568/569	7.00E+00 - 5.20E+01	5.00E+00 - 5.00E+00	N	9.48E+00	mg/L
Silver	18/693	1.00E-03 - 3.90E-01	7.00E-04 - 6.00E-02	N	2.26E-02	mg/L
Sodium	1E3/1E3	3.35E+00 - 2.66E+02	5.00E+00 - 5.00E+00	N	1.71E+01	mg/L
Strontium	57/57	6.50E-02 - 3.33E-01		L	6.27E-02	mg/L
Sulfate	150/167	2.90E+00 - 7.42E+02	5.00E+00 - 1.00E+01	N	1.85E+01	mg/L
Sulfide	0/20		1.00E+00 - 1.00E+01	NT	2.75E+00	mg/L
Tetraoxo-sulfate(1-)	938/969	1.80E+00 - 3.98E+02	2.00E+00 - 5.00E+00	N	9.22E+00	mg/L
Thallium	6/700	7.20E-02 - 2.38E-01	4.67E-04 - 4.70E-01	N	9.40E-02	mg/L
Thorium	24/48	5.00E-02 - 5.00E-02	5.00E-02 - 5.00E-02	N	2.50E-02	mg/L
Tin	4/41	1.80E-02 - 8.00E-01	1.00E-02 - 4.00E+00	L	4.22E-03	mg/L
Titanium	27/48	6.00E-02 - 2.20E-01	6.00E-02 - 6.00E-02	N	3.31E-02	mg/L
Total Phosphate as Phosphorus	15/557	1.70E+00 - 3.49E+01	2.00E+00 - 2.00E+00	N	1.06E+00	mg/L
Uranium	53/1E3	2.90E-04 - 1.90E-01	8.00E-05 - 9.20E-02	N	2.25E-03	mg/L
Vanadium	371/717	1.40E-03 - 9.50E-01	1.00E-03 - 5.00E-01	N	5.54E-02	mg/L
Zinc	351/1E3	5.00E-03 - 5.30E+00	5.00E-03 - 5.00E-01	N	4.34E-02	mg/L
Zirconium	24/48	2.00E-02 - 2.00E-02	2.00E-02 - 2.00E-02	N	1.00E-02	mg/L
1,1,1,2-Tetrachloroethane	0/346		5.00E-05 - 1.30E+01	NT	2.20E-02	mg/L
1,1,1-Trichloroethane	1/2E3	4.00E-03 - 4.00E-03	5.00E-05 - 5.00E+01	N	4.17E-01	mg/L
1,1,2,2-Tetrachloroethane	0/436		5.00E-05 - 1.30E+01	NT	1.80E-02	mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	2/55	8.80E-04 - 5.70E-03	3.60E-04 - 5.00E-03	N	1.95E-03	mg/L
1,1,2-Trichloroethane	1/2E3	2.00E-03 - 2.00E-03	5.00E-05 - 5.00E+01	N	3.62E-01	mg/L
1,1-Dichloroethane	1/2E3	4.10E-03 - 4.10E-03	5.00E-05 - 5.00E+01	N	1.46E-01	mg/L
1,1-Dichloroethene	7/2E3	1.30E-03 - 6.50E-02	5.00E-05 - 5.00E+01	N	1.47E-01	mg/L
1,1-Dichloropropene	0/20		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
1,2,3-Trichloropropane	0/410		5.00E-05 - 1.30E+01	NT	1.94E-02	mg/L
1,2,4,5-Tetrachlorobenzene	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
1,2,4-Trichlorobenzene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
1,2-Dibromo-3-chloropropane	0/310		5.00E-05 - 1.00E-02	NT	2.44E-03	mg/L
1,2-Dibromoethane	0/334		5.00E-05 - 1.30E+01	NT	2.27E-02	mg/L
1,2-Dichlorobenzene	1/359	5.70E-05 - 5.70E-05	5.00E-05 - 2.00E-02	N	2.52E-03	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,2-Dichloroethane	1/2E3	1.10E-03 - 1.10E-03	5.00E-05 - 5.00E+01	N	3.63E-01	mg/L
1,2-Dichloroethene	5/50	1.00E-03 - 1.40E-02	1.00E-03 - 1.25E+00	L	9.03E-04	mg/L
1,2-Dichloropropane	0/372		5.00E-05 - 1.30E+01	NT	2.07E-02	mg/L
1,2-Dimethylbenzene	0/4		1.30E-02 - 1.30E+01	NT	1.71E+00	mg/L
1,3,5-Trimethylbenzene	1/1	2.00E-04 - 2.00E-04		NT	1.00E-04	mg/L
1,3,5-Trinitrobenzene	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
1,3-Dichlorobenzene	0/67		2.40E-04 - 1.00E-01	NT	8.97E-03	mg/L
1,3-Dichloropropane	0/20		3.00E-04 - 3.00E-04	NT	1.50E-04	mg/L
1,3-Dinitrobenzene	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
1,4-Dichlorobenzene	1/359	6.20E-05 - 6.20E-05	5.00E-05 - 2.00E-02	N	2.52E-03	mg/L
1,4-Difluorobenzene	0/13		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1,4-Dioxane	0/22		1.00E-02 - 2.00E-01	NT	4.55E-02	mg/L
1,4-Naphthoquinone	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
1-Naphthalenamine	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
2,2-Dichloropropane	0/20		5.00E-04 - 5.00E-04	NT	2.50E-04	mg/L
2,3,4,6-Tetrachlorophenol	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
2,4,5-T	0/20		2.34E-05 - 1.07E-03	NT	2.73E-04	mg/L
2,4,5-Trichlorophenol	0/35		9.00E-03 - 5.00E-02	NT	7.54E-03	mg/L
2,4,6-Trichlorophenol	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
2,4-D	0/20		4.67E-05 - 1.07E-02	NT	2.69E-03	mg/L
2,4-Dichlorophenol	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
2,4-Dimethylphenol	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
2,4-Dinitrophenol	0/35		9.00E-03 - 5.00E-02	NT	1.64E-02	mg/L
2,4-Dinitrotoluene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
2,6-Dichlorophenol	0/21		9.00E-03 - 1.00E-02	NT	4.98E-03	mg/L
2,6-Dinitrotoluene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
2-Acetylaminofluorene	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
2-Butanone	45/404	2.00E-03 - 1.70E-01	3.40E-03 - 2.50E+01	N	4.32E-02	mg/L
2-Chloro-1,3-butadiene	0/26		1.00E-03 - 1.30E+01	NT	2.64E-01	mg/L
2-Chloroethyl vinyl ether	0/380		1.00E-03 - 2.50E+01	NT	3.79E-02	mg/L
2-Chloronaphthalene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
2-Chlorophenol	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
2-Hexanone	0/436		1.10E-03 - 2.50E+01	NT	3.71E-02	mg/L
2-Methyl-4,6-dinitrophenol	0/35		9.00E-03 - 5.00E-02	NT	1.09E-02	mg/L
2-Methylnaphthalene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
2-Methylphenol	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
2-Methylpyridine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
2-Naphthalenamine	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
2-Nitrobenzenamine	0/35		9.00E-03 - 5.00E-02	NT	1.66E-02	mg/L
2-Nitrophenol	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
2-Propanol	0/3		1.40E-01 - 5.40E+00	NT	1.16E+00	mg/L
3,3'-Dichlorobenzidine	0/35		9.00E-03 - 2.00E-02	NT	7.54E-03	mg/L
3,3'-Dimethylbenzidine	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
3-Methylcholanthrene	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
3-Methylphenol	0/20		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
3-Nitrobenzenamine	0/35		9.00E-03 - 5.00E-02	NT	1.66E-02	mg/L
4,4'-DDD	0/26		1.00E-05 - 1.00E-02	NT	1.95E-03	mg/L
4,4'-DDE	0/26		1.00E-05 - 1.00E-02	NT	1.95E-03	mg/L
4,4'-DDT	0/26		1.00E-05 - 1.00E-02	NT	1.95E-03	mg/L
4-Aminobiphenyl	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
4-Bromofluorobenzene	2/2	9.40E-02 - 9.40E-02		N	4.70E-02	mg/L
4-Bromophenyl phenyl ether	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
4-Chloro-3-methylphenol	0/35		9.00E-03 - 2.00E-02	NT	6.69E-03	mg/L
4-Chlorobenzenamine	0/35		9.00E-03 - 2.00E-02	NT	6.97E-03	mg/L
4-Chlorophenyl phenyl ether	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
4-Methyl-2-pentanone	3/433	2.00E-03 - 1.70E-02	1.10E-03 - 2.50E+01	N	3.85E-02	mg/L
4-Methylphenol	0/35		1.00E-02 - 3.80E-02	NT	6.09E-03	mg/L
4-Nitrobenzenamine	0/35		9.00E-03 - 5.00E-02	NT	1.65E-02	mg/L
4-Nitrophenol	0/35		9.00E-03 - 5.00E-02	NT	1.66E-02	mg/L
4-Nitroquinoline-1-oxide	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
5-(2-Propenyl)-1,3-benzodioxole (Safrole)	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
5-Nitro-o-toluidine	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
7,12-Dimethylbenz(a)anthracene	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Acenaphthene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Acenaphthylene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Acetone	58/406	1.00E-03 - 9.90E-02	1.40E-03 - 2.50E+01	N	4.29E-02	mg/L
Acetonitrile	0/22		3.00E-02 - 6.00E-02	NT	2.64E-02	mg/L
Acetophenone	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Acrolein	0/360		1.00E-03 - 1.30E+02	NT	2.00E-01	mg/L
Acrylonitrile	1/384	1.00E-02 - 1.00E-02	1.00E-03 - 1.30E+02	N	1.93E-01	mg/L
Aldrin	0/26		5.00E-06 - 1.00E-02	NT	1.94E-03	mg/L
Allyl chloride	0/22		5.00E-03 - 1.00E-01	NT	2.64E-02	mg/L
Aniline	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Anthracene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Aramite	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Benz(a)anthracene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Benzene	2/2E3	1.40E-04 - 1.00E-03	5.00E-05 - 5.00E+01	N	1.45E-01	mg/L
Benzenemethanol	0/28		9.00E-03 - 2.00E-02	NT	7.11E-03	mg/L
Benzo(a)pyrene	0/35		1.00E-03 - 2.00E-02	NT	3.97E-03	mg/L
Benzo(b)fluoranthene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Benzo(ghi)perylene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Benzo(k)fluoranthene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Benzoic acid	0/6		5.00E-02 - 5.00E-02	NT	2.50E-02	mg/L
Benzyl Chloride	0/2		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
Bis(2-chloroethoxy)methane	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Bis(2-chloroethyl) ether	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Bis(2-chloroisopropyl) ether	0/3		1.00E-02 - 2.00E-02	NT	8.33E-03	mg/L
Bis(2-chloroisopropyl)ether	0/32		9.00E-03 - 1.00E-02	NT	4.97E-03	mg/L
Bis(2-ethylhexyl)phthalate	7/35	5.00E-04 - 2.80E-02	9.00E-03 - 2.00E-02	N	4.71E-03	mg/L
Bromochloromethane	0/391		5.00E-05 - 5.00E-03	NT	2.25E-03	mg/L
Bromodichloromethane	0/2E3		5.00E-05 - 5.00E+01	NT	3.73E-01	mg/L
Bromoform	0/436		5.00E-05 - 1.30E+01	NT	1.97E-02	mg/L
Bromomethane	3/436	5.50E-05 - 1.00E-03	5.00E-05 - 2.50E+01	N	3.29E-02	mg/L
Butyl benzyl phthalate	1/35	1.00E-03 - 1.00E-03	9.00E-03 - 2.00E-02	N	4.99E-03	mg/L
Carbazole	1/15	1.20E-02 - 1.20E-02	9.00E-03 - 2.00E-02	L	5.32E-03	mg/L
Carbon disulfide	0/432		3.30E-04 - 1.30E+01	NT	2.35E-02	mg/L
Carbon tetrachloride	6/2E3	2.00E-04 - 1.60E-01	5.00E-05 - 5.00E+01	N	3.74E-01	mg/L
Chlordene	0/12		1.00E-03 - 2.00E-03	NT	9.17E-04	mg/L
Chlorobenzene	3/435	4.60E-05 - 2.00E-03	5.00E-05 - 1.30E+01	N	1.81E-02	mg/L
Chlorobenzilate	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Chloroethane	1/448	1.00E-03 - 1.00E-03	5.00E-05 - 2.50E+01	N	3.69E-02	mg/L
Chloroform	16/2E3	4.90E-05 - 1.40E-02	5.00E-05 - 5.00E+01	N	3.74E-01	mg/L
Chloromethane	14/434	5.70E-05 - 2.00E-03	5.00E-05 - 2.50E+01	N	3.30E-02	mg/L
Chrysene	1/35	6.00E-04 - 6.00E-04	9.00E-03 - 2.00E-02	N	5.12E-03	mg/L
Di-n-butyl phthalate	4/35	8.00E-03 - 2.10E-02	1.00E-02 - 2.00E-02	L	7.05E-03	mg/L
Di-n-octylphthalate	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Diallate	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Dibenz(a,h)anthracene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Dibenzofuran	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Dibromochloromethane	0/433		5.00E-05 - 1.30E+01	NT	1.81E-02	mg/L
Dibromomethane	0/410		5.00E-05 - 1.30E+01	NT	1.90E-02	mg/L
Dichlorodifluoromethane	1/410	7.40E-05 - 7.40E-05	5.00E-05 - 1.30E+01	N	1.89E-02	mg/L
Dichloroethene	0/3		5.00E-01 - 5.00E+01	NT	1.68E+01	mg/L
Dieldrin	0/26		1.00E-05 - 1.00E-02	NT	1.95E-03	mg/L
Diethyl phthalate	1/35	1.10E-02 - 1.10E-02	9.00E-03 - 2.00E-02	L	5.12E-03	mg/L
Dimethoate	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Dimethyl phthalate	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Dimethylbenzene	4/2E3	1.00E-03 - 2.20E+00	5.00E-05 - 1.00E+02	N	2.49E-01	mg/L
Dinoseb	0/22		5.36E-03 - 1.00E-02	NT	3.90E-03	mg/L
Diphenylamine	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Disulfoton	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Endosulfan I	0/26		5.00E-06 - 1.00E-02	NT	1.94E-03	mg/L
Endosulfan II	0/26		1.00E-05 - 1.20E-04	NT	3.44E-05	mg/L
Endosulfan sulfate	0/26		1.00E-05 - 1.00E-02	NT	1.95E-03	mg/L
Endrin	0/26		1.00E-05 - 2.00E-04	NT	6.33E-05	mg/L
Endrin aldehyde	0/26		1.00E-05 - 1.00E-02	NT	3.85E-03	mg/L
Endrin ketone	0/5		1.00E-05 - 1.00E-05	NT	5.00E-06	mg/L
Ethane	8/24	1.00E-03 - 1.97E-01	3.00E-02 - 3.00E-02	L	1.62E-02	mg/L
Ethanol	7/340	7.00E-03 - 3.50E-01	5.00E-02 - 1.00E+00	N	1.58E-01	mg/L
Ethyl cyanide	0/26		1.00E-02 - 2.50E+02	NT	5.11E+00	mg/L
Ethyl methacrylate	0/390		1.00E-03 - 1.30E+01	NT	1.99E-02	mg/L
Ethyl methanesulfonate	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Ethylbenzene	2/2E3	1.00E-03 - 8.70E-01	5.00E-05 - 5.00E+01	N	1.45E-01	mg/L
Ethylene	8/24	7.00E-03 - 4.17E+00	3.00E-02 - 3.00E-02	L	2.82E-02	mg/L
Famphur	0/1		9.00E+00 - 9.00E+00	NT	4.50E+00	mg/L
Fluoranthene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Fluorene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Heptachlor	0/26		5.00E-06 - 4.00E-04	NT	8.94E-05	mg/L
Heptachlor epoxide	0/26		5.00E-06 - 2.00E-04	NT	5.09E-05	mg/L
Hexachloro-1-propene	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Hexachlorobenzene	0/35		5.00E-04 - 2.00E-02	NT	2.61E-03	mg/L
Hexachlorobutadiene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Hexachlorocyclopentadiene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Hexachloroethane	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Hexachlorophene	0/2		1.90E-01 - 1.90E-01	NT	9.50E-02	mg/L
Indeno(1,2,3-cd)pyrene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Iodomethane	0/410		1.00E-03 - 1.30E+01	NT	1.89E-02	mg/L
Isobutanol	0/22		5.00E-03 - 2.80E+00	NT	6.48E-01	mg/L
Isodrin	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Isophorone	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Isosafrole	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Kepone	0/22		1.00E-02 - 1.90E-01	NT	1.32E-02	mg/L
Lindane	0/26		5.00E-06 - 2.00E-04	NT	5.09E-05	mg/L
Methacrylonitrile	0/26		5.00E-03 - 1.30E+01	NT	2.67E-01	mg/L
Methapyrilene	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Methoxychlor	0/26		1.00E-04 - 4.00E-02	NT	7.82E-03	mg/L
Methyl methacrylate	0/26		5.00E-03 - 1.30E+01	NT	2.67E-01	mg/L
Methyl methanesulfonate	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Methyl parathion	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Methylene chloride	47/435	4.60E-05 - 1.30E-01	5.00E-05 - 1.30E+01	N	1.93E-02	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
N-Nitroso-di-n-butylamine	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
N-Nitroso-di-n-propylamine	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
N-Nitrosodiethylamine	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
N-Nitrosodimethylamine	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
N-Nitrosodiphenylamine	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
N-Nitrosomethylethylamine	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
N-Nitrosomorpholine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
N-Nitrosopiperidine	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
N-Nitrosopyrrolidine	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Naphthalene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Nitrobenzene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
O,O,O-Triethylphosphorothioate	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
PCB-1016	0/26		1.00E-04 - 1.00E-03	NT	3.38E-04	mg/L
PCB-1221	0/26		1.00E-04 - 2.00E-03	NT	4.21E-04	mg/L
PCB-1232	0/26		1.00E-04 - 1.00E-03	NT	3.35E-04	mg/L
PCB-1242	0/26		1.00E-04 - 1.00E-03	NT	3.35E-04	mg/L
PCB-1248	0/26		1.00E-04 - 1.00E-03	NT	3.35E-04	mg/L
PCB-1254	1/26	9.00E-04 - 9.00E-04	1.00E-04 - 1.00E-03	N	3.46E-04	mg/L
PCB-1260	0/26		1.00E-04 - 1.10E-03	NT	7.19E-04	mg/L
Parathion	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Pentachlorobenzene	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Pentachlorodibenzofuran	0/20		1.00E-08 - 1.00E-08	NT	5.00E-09	mg/L
Pentachloroethane	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Pentachloronitrobenzene	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Pentachlorophenol	0/35		1.00E-03 - 5.00E-02	NT	1.53E-02	mg/L
Phenacetin	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Phenanthrene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Phenol	0/35		1.00E-03 - 2.00E-02	NT	3.97E-03	mg/L
Phorate	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Polychlorinated biphenyl	1/135	1.00E-04 - 1.00E-04	1.00E-04 - 1.70E-04	N	1.13E-04	mg/L
Pronamide	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Pyrene	0/35		9.00E-03 - 2.00E-02	NT	5.26E-03	mg/L
Pyridine	0/3		5.00E-03 - 9.00E+01	NT	1.50E+01	mg/L
Silvex	0/20		4.67E-05 - 1.07E-03	NT	2.79E-04	mg/L
Styrene	0/434		5.00E-05 - 1.30E+01	NT	1.82E-02	mg/L
Sulfotepp	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
Tetrachloroethene	11/2E3	6.90E-05 - 3.20E-01	5.00E-05 - 5.00E+01	N	6.36E-01	mg/L
Thionazin	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
Toluene	18/2E3	4.70E-05 - 1.10E-02	5.00E-05 - 5.00E+01	N	1.45E-01	mg/L
Toxaphene	0/26		1.00E-04 - 5.00E-03	NT	1.03E-03	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Trans-1,4-Dichloro-2-butene	0/376		1.00E-03 - 1.30E+01	NT	2.38E-02	mg/L
Trichloroethene	2E3/3E3	6.50E-05 - 4.60E+02	1.00E-03 - 1.00E+00	N	5.49E+00	mg/L
Trichlorofluoromethane	7/412	5.50E-05 - 2.00E-03	5.00E-05 - 1.30E+01	N	1.89E-02	mg/L
Vinyl acetate	0/426		1.00E-03 - 1.30E+01	NT	2.12E-02	mg/L
Vinyl chloride	3/2E3	1.00E-03 - 6.30E+00	5.00E-05 - 1.00E+02	N	1.37E+00	mg/L
a,a-Dimethylphenethylamine	0/2		9.00E-03 - 9.00E-03	NT	4.50E-03	mg/L
alpha-BHC	0/26		5.00E-06 - 1.00E-02	NT	1.94E-03	mg/L
alpha-Chlordane	0/16		5.00E-06 - 6.00E-05	NT	2.03E-05	mg/L
beta-BHC	0/26		5.00E-06 - 4.00E-02	NT	7.70E-03	mg/L
cis-1,2-Dichloroethene	45/2E3	5.10E-05 - 4.20E+00	5.00E-05 - 5.00E+01	N	7.30E-01	mg/L
cis-1,3-Dichloropropene	0/433		5.00E-05 - 1.30E+01	NT	1.83E-02	mg/L
cis-1,4-Dichloro-2-Butene	0/22		1.00E-03 - 2.00E-02	NT	2.27E-03	mg/L
delta-BHC	0/26		5.00E-06 - 3.00E-02	NT	5.78E-03	mg/L
gamma-Chlordane	0/16		5.00E-06 - 1.00E-03	NT	5.12E-05	mg/L
m,p-Xylene	3/14	4.60E-05 - 1.50E-04	1.00E-04 - 5.00E-03	L	7.04E-05	mg/L
o-Toluidine	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
p-Dimethylaminoazobenzene	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
p-Phenylenediamine	0/22		9.00E-03 - 1.00E-02	NT	4.95E-03	mg/L
trans-1,2-Dichloroethene	8/2E3	5.40E-05 - 1.20E+00	5.00E-05 - 5.00E+01	N	6.99E-01	mg/L
trans-1,3-Dichloropropene	1/436	1.70E-04 - 1.70E-04	5.00E-05 - 1.30E+01	N	1.82E-02	mg/L
Alpha activity	2E3/3E3	7.00E-02 - 1.88E+02	-1.59E+02 - 1.00E+03	N	2.86E+01	pCi/L
Americium-241	16/29	1.00E-02 - 3.50E+00	-1.90E+00 - 2.30E-01	L	4.49E-01	pCi/L
Beta activity	2E3/3E3	4.20E-01 - 9.83E+03	-1.00E+01 - 1.00E+03	N	1.18E+02	pCi/L
Cesium-137	14/44	1.00E-01 - 2.07E+01	-2.70E+00 - 1.87E+04	L	1.30E+00	pCi/L
Cobalt-60	14/19	1.00E-01 - 2.30E+00	-6.00E-01 - 0.00E+00	L	7.93E-01	pCi/L
Neptunium-237	64/106	3.00E-02 - 1.44E+01	-7.34E-01 - 2.04E+00	L	3.47E-01	pCi/L
Plutonium-238	9/13	1.00E-02 - 7.00E-02	-1.40E-01 - 0.00E+00	N	6.54E-03	pCi/L
Plutonium-239	21/86	1.00E-02 - 2.00E-01	-1.60E-01 - 0.00E+00	L	1.07E-01	pCi/L
Plutonium-239/240	5/7	8.87E-04 - 3.06E-02	-3.99E-03 --3.54E-03	L	9.95E-03	pCi/L
Protactinium-234	0/6		-2.80E+01 --9.30E-01	NT	-7.25E+00	pCi/L
Radium-226	60/72	6.00E-02 - 7.39E+02	-1.00E+00 - 0.00E+00	L	1.37E+00	pCi/L
Radon-222	809/810	8.00E-01 - 9.48E+03	0.00E+00 - 0.00E+00	N	1.99E+02	pCi/L
Technetium-99	3E3/4E3	2.00E-01 - 1.67E+04	-1.51E+01 - 2.50E+01	N	1.92E+02	pCi/L
Thorium-230	79/99	2.69E-02 - 4.70E+00	-5.00E-01 - 6.00E-02	L	5.04E-01	pCi/L
Thorium-234	1/1	6.00E-01 - 6.00E-01		NT	3.00E-01	pCi/L
Uranium-234	24/33	3.00E-02 - 2.00E+02	5.00E-02 - 5.00E-01	L	8.38E-01	pCi/L
Uranium-235	0/1			NT		
Uranium-235	10/22	1.00E-02 - 9.96E+00	-1.00E-02 - 8.00E-02	L	6.55E-02	pCi/L
Uranium-235/236	8/10	1.00E-02 - 3.50E-01	0.00E+00 - 0.00E+00	L	8.60E-02	pCi/L
Uranium-238	21/30	1.00E-02 - 2.11E+02	-1.00E-02 - 3.00E-01	L	7.31E-01	pCi/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	166/201	6.80E-02 - 8.00E+01	1.00E-01 - 1.00E+00	L	2.13E+00	mg/L
Ammonia as Nitrogen	2/4	6.00E-02 - 1.60E-01	3.00E-02 - 3.00E-02	N	3.50E-02	mg/L
Antimony	7/177	2.00E-03 - 2.35E-01	1.30E-03 - 2.50E-01	N	4.56E-02	mg/L
Arsenic	81/326	2.30E-03 - 4.53E-01	1.00E-03 - 5.00E-03	N	9.71E-03	mg/L
Barium	185/197	1.80E-02 - 1.19E+00	5.00E-02 - 7.00E-02	L	2.48E-01	mg/L
Beryllium	5/170	2.00E-04 - 1.70E-03	2.00E-04 - 2.50E-02	N	3.54E-03	mg/L
Cadmium	8/336	1.20E-02 - 1.90E-02	2.67E-04 - 1.00E-01	N	7.18E-03	mg/L
Calcium	224/225	1.50E+00 - 3.78E+02	2.00E+00 - 2.00E+00	L	4.60E+01	mg/L
Chloride	240/244	1.47E+00 - 6.29E+02	2.00E+00 - 1.00E+01	L	6.64E+01	mg/L
Chromium	53/329	2.70E-03 - 1.36E+00	1.00E-02 - 6.00E-02	N	2.96E-02	mg/L
Chromium, hexavalent	0/21		1.00E-02 - 2.50E-01	NT	1.88E-02	mg/L
Cobalt	10/168	2.00E-03 - 6.76E-02	5.00E-03 - 1.00E-01	N	2.38E-02	mg/L
Copper	50/194	2.00E-03 - 1.32E+00	8.70E-03 - 1.00E-01	N	3.70E-02	mg/L
Cyanide	2/9	5.00E-03 - 1.00E-02	2.40E-03 - 6.00E-03	L	2.13E-03	mg/L
Fluoride	138/194	1.00E-01 - 8.90E+00	2.00E-02 - 2.00E-01	N	3.36E-01	mg/L
Iron	239/259	1.50E-02 - 3.44E+02	1.00E-02 - 5.00E-01	L	3.35E+00	mg/L
Kjeldahl Nitrogen	3/4	6.78E-01 - 8.95E+00	8.00E+00 - 8.00E+00	N	2.39E+00	mg/L
Lead	15/243	1.80E-03 - 1.38E+00	1.00E-03 - 2.50E-01	N	4.22E-02	mg/L
Magnesium	233/234	5.85E-01 - 9.40E+01	1.00E-01 - 1.00E-01	L	2.06E+01	mg/L
Manganese	180/229	5.00E-03 - 2.70E+01	5.00E-03 - 1.00E-01	N	5.97E-01	mg/L
Mercury	5/226	2.00E-04 - 5.00E-04	2.00E-04 - 4.70E-02	N	4.29E-04	mg/L
Molybdenum	1/133	1.00E-02 - 1.00E-02	4.40E-03 - 1.00E-01	N	2.54E-02	mg/L
Nickel	60/203	8.20E-03 - 2.30E+00	5.00E-02 - 1.00E-01	N	8.71E-02	mg/L
Nitrate	1/1	2.10E+00 - 2.10E+00		NT	1.05E+00	mg/L
Nitrate as Nitrogen	77/227	2.80E-01 - 2.69E+01	1.00E-01 - 1.00E+00	N	6.94E-01	mg/L
Nitrate/Nitrite	7/9	9.90E-03 - 9.38E+00	5.00E-02 - 5.00E-02	L	5.07E-01	mg/L
Orthophosphate	3/3	1.50E-01 - 1.60E-01		N	7.83E-02	mg/L
Phosphorous	0/1		1.00E-01 - 1.00E-01	NT	5.00E-02	mg/L
Potassium	46/220	4.54E-01 - 2.98E+01	1.80E-02 - 1.05E+01	N	2.41E+00	mg/L
Selenium	10/233	1.70E-03 - 1.60E-02	1.00E-03 - 1.50E-02	N	2.51E-03	mg/L
Silica	135/135	9.00E+00 - 7.90E+01		N	1.57E+01	mg/L
Silver	4/65	3.30E-03 - 4.50E-02	2.00E-03 - 6.00E-02	N	1.90E-02	mg/L
Sodium	258/259	5.03E+00 - 2.81E+02	5.00E+00 - 5.00E+00	L	1.01E+02	mg/L
Strontium	9/10	7.46E-01 - 1.64E+00	1.21E+00 - 1.21E+00	L	1.12E+00	mg/L
Sulfate	30/31	5.20E+00 - 2.19E+02	3.00E+01 - 3.00E+01	L	8.57E+01	mg/L
Sulfide	3/4	1.20E+00 - 6.40E+01	1.00E+00 - 1.00E+00	N	8.53E+00	mg/L
Tetraoxo-sulfate(1-)	200/205	5.00E+00 - 6.95E+02	5.00E+00 - 5.00E+00	L	8.03E+01	mg/L
Thallium	3/139	7.30E-03 - 9.10E-02	4.67E-04 - 4.70E-01	N	4.36E-02	mg/L
Tin	1/6	2.60E-02 - 2.60E-02	1.00E-02 - 2.80E-01	N	5.25E-02	mg/L
Total Phosphate as Phosphorus	0/75		1.00E-01 - 2.00E+00	NT	9.64E-01	mg/L
Uranium	77/308	2.80E-04 - 6.40E-01	1.00E-03 - 9.20E-02	N	1.72E-02	mg/L

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Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Vanadium	121/143	1.80E-03 - 7.60E-01	1.00E-03 - 5.00E-02	N	7.12E-02	mg/L
Zinc	114/194	2.70E-03 - 1.88E+00	5.00E-03 - 2.50E-01	N	4.02E-02	mg/L
1,1,1,2-Tetrachloroethane	0/9		1.00E-03 - 1.30E+01	NT	7.24E-01	mg/L
1,1,1-Trichloroethane	2/186	3.00E-03 - 1.60E-02	3.60E-04 - 5.00E+01	N	2.24E-01	mg/L
1,1,2,2-Tetrachloroethane	0/43		1.00E-03 - 1.30E+01	NT	1.53E-01	mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	0/3		3.60E-04 - 3.60E-04	NT	1.80E-04	mg/L
1,1,2-Trichloroethane	0/227		5.30E-04 - 5.00E+01	NT	1.25E+00	mg/L
1,1-Dichloroethane	3/188	1.10E-03 - 1.20E-02	3.70E-04 - 5.00E+01	N	2.23E-01	mg/L
1,1-Dichloroethene	10/205	1.60E-03 - 2.00E-01	4.40E-04 - 5.00E+01	N	2.17E-01	mg/L
1,2,3-Trichloropropane	0/29		1.00E-03 - 1.30E+01	NT	2.28E-01	mg/L
1,2,4,5-Tetrachlorobenzene	0/3		4.30E-03 - 4.30E-03	NT	2.15E-03	mg/L
1,2,4-Trichlorobenzene	0/10		1.10E-03 - 1.00E-02	NT	3.67E-03	mg/L
1,2-Dibromo-3-chloropropane	0/8		1.00E-03 - 5.00E-03	NT	1.50E-03	mg/L
1,2-Dibromoethane	0/9		1.00E-03 - 1.30E+01	NT	7.24E-01	mg/L
1,2-Dichlorobenzene	0/18		3.20E-04 - 1.00E-02	NT	2.64E-03	mg/L
1,2-Dichloroethane	1/233	2.00E-03 - 2.00E-03	2.70E-04 - 5.00E+01	N	1.24E+00	mg/L
1,2-Dichloroethene	2/15	5.00E-03 - 1.40E-02	1.00E-03 - 5.00E-03	L	6.64E-04	mg/L
1,2-Dichloropropane	0/23		2.60E-04 - 1.30E+01	NT	2.84E-01	mg/L
1,2-Dimethylbenzene	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
1,2-Diphenylhydrazine	0/3		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
1,3,5-Trinitrobenzene	0/2		6.00E-03 - 6.00E-03	NT	3.00E-03	mg/L
1,3-Dichlorobenzene	0/17		3.60E-04 - 1.00E-02	NT	2.65E-03	mg/L
1,3-Dinitrobenzene	0/2		6.00E-03 - 6.00E-03	NT	3.00E-03	mg/L
1,4-Dichlorobenzene	0/18		3.20E-04 - 1.00E-02	NT	2.64E-03	mg/L
1,4-Difluorobenzene	0/4		5.00E-03 - 5.00E-03	NT	2.50E-03	mg/L
1-Chloronaphthalene	0/3		2.20E-04 - 2.20E-04	NT	1.10E-04	mg/L
1-Naphthalenamine	0/3		2.60E-04 - 2.60E-04	NT	1.30E-04	mg/L
2,3,4,6-Tetrachlorophenol	0/3		4.40E-04 - 4.40E-04	NT	2.20E-04	mg/L
2,4,5-T	0/1		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
2,4,5-Trichlorophenol	0/10		1.90E-04 - 5.00E-02	NT	5.53E-03	mg/L
2,4,6-Trichlorophenol	0/10		1.70E-04 - 1.00E-02	NT	3.53E-03	mg/L
2,4-D	0/1		1.00E-03 - 1.00E-03	NT	5.00E-04	mg/L
2,4-Dichlorophenol	1/10	4.00E-04 - 4.00E-04	1.60E-04 - 1.00E-02	L	9.05E-03	mg/L
2,4-Dimethylphenol	1/10	4.40E-03 - 4.40E-03	1.10E-04 - 1.00E-02	N	3.73E-03	mg/L
2,4-Dinitrophenol	0/10		1.20E-02 - 5.00E-02	NT	1.88E-02	mg/L
2,4-Dinitrotoluene	0/11		7.00E-05 - 1.00E-02	NT	3.46E-03	mg/L
2,6-Dichlorophenol	0/3		5.00E-04 - 5.00E-04	NT	2.50E-04	mg/L
2,6-Dinitrotoluene	0/11		2.20E-04 - 1.00E-02	NT	3.48E-03	mg/L
2-Butanone	3/42	4.00E-03 - 7.00E-03	3.40E-03 - 2.50E+01	L	3.70E-03	mg/L
2-Chloro-1,3-butadiene	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
2-Chloroethyl vinyl ether	0/29		1.00E-03 - 2.50E+01	NT	4.35E-01	mg/L
2-Chloronaphthalene	0/10		1.20E-04 - 1.00E-02	NT	3.52E-03	mg/L
2-Chlorophenol	0/10		2.70E-04 - 1.00E-02	NT	3.54E-03	mg/L
2-Hexanone	0/43		1.10E-03 - 2.50E+01	NT	3.05E-01	mg/L
2-Methyl-4,6-dinitrophenol	0/10		3.40E-03 - 5.00E-02	NT	1.75E-02	mg/L
2-Methylnaphthalene	0/10		2.90E-04 - 1.00E-02	NT	3.54E-03	mg/L
2-Methylphenol	0/10		2.00E-04 - 1.00E-02	NT	3.53E-03	mg/L
2-Methylpyridine	0/3		3.40E-03 - 3.40E-03	NT	1.70E-03	mg/L
2-Naphthalenamine	0/3		2.90E-04 - 2.90E-04	NT	1.45E-04	mg/L
2-Nitrobenzenamine	0/10		1.10E-04 - 5.00E-02	NT	1.70E-02	mg/L
2-Nitrophenol	0/10		2.40E-04 - 1.00E-02	NT	3.54E-03	mg/L
2-Propanol	0/1		1.40E+02 - 1.40E+02	NT	7.00E+01	mg/L
3,3'-Dichlorobenzidine	0/10		4.00E-03 - 2.00E-02	NT	7.10E-03	mg/L
3-Methylcholanthrene	0/3		1.60E-04 - 1.60E-04	NT	8.00E-05	mg/L
3-Nitrobenzenamine	0/10		1.50E-04 - 5.00E-02	NT	1.70E-02	mg/L
4,4'-DDD	0/9		1.00E-05 - 1.90E-04	NT	3.51E-05	mg/L
4,4'-DDE	0/9		1.00E-05 - 2.20E-04	NT	4.01E-05	mg/L
4,4'-DDT	0/9		1.00E-05 - 1.10E-04	NT	2.17E-05	mg/L
4-Aminobiphenyl	0/3		5.50E-04 - 5.50E-04	NT	2.75E-04	mg/L
4-Bromophenyl phenyl ether	0/10		2.20E-04 - 1.00E-02	NT	3.53E-03	mg/L
4-Chloro-3-methylphenol	0/10		2.80E-04 - 1.00E-02	NT	3.54E-03	mg/L
4-Chlorobenzenamine	0/10		7.70E-04 - 1.00E-02	NT	3.62E-03	mg/L
4-Chlorophenyl phenyl ether	0/10		2.30E-04 - 1.00E-02	NT	3.53E-03	mg/L
4-Methyl-2-pentanone	1/42	1.90E-03 - 1.90E-03	1.10E-03 - 2.50E+01	L	5.53E-02	mg/L
4-Methylphenol	1/10	2.10E-04 - 2.10E-04	1.80E-04 - 1.00E-02	L	9.54E-03	mg/L
4-Nitrobenzenamine	0/10		1.20E-03 - 5.00E-02	NT	1.72E-02	mg/L
4-Nitrophenol	0/10		3.90E-04 - 5.00E-02	NT	1.71E-02	mg/L
7,12-Dimethylbenz(a)anthracene	0/3		5.80E-03 - 5.80E-03	NT	2.90E-03	mg/L
Acenaphthene	0/17		2.10E-04 - 1.00E-02	NT	3.11E-03	mg/L
Acenaphthylene	0/17		1.10E-04 - 1.00E-02	NT	3.10E-03	mg/L
Acetone	5/43	2.00E-03 - 1.50E-02	1.40E-03 - 2.50E+01	L	3.60E-03	mg/L
Acetophenone	0/3		1.20E-04 - 1.20E-04	NT	6.00E-05	mg/L
Acrolein	0/32		1.00E-03 - 1.30E+02	NT	2.06E+00	mg/L
Acrylonitrile	0/32		5.00E-03 - 1.30E+02	NT	2.07E+00	mg/L
Aldrin	0/9		5.00E-06 - 3.50E-04	NT	6.03E-05	mg/L
Aniline	0/3		2.60E-04 - 2.60E-04	NT	1.30E-04	mg/L
Anthracene	0/17		2.40E-04 - 1.00E-02	NT	3.11E-03	mg/L
Azinphos-methyl	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Benz(a)anthracene	0/17		1.90E-04 - 1.00E-02	NT	3.11E-03	mg/L
Benzene	4/269	1.00E-03 - 7.80E-03	3.80E-04 - 5.00E+01	N	1.64E-01	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Benzenemethanol	0/4		2.90E-04 - 1.00E-02	NT	1.36E-03	mg/L
Benzidine	0/3		3.80E-02 - 3.80E-02	NT	1.90E-02	mg/L
Benzo(a)pyrene	0/17		1.50E-04 - 1.00E-02	NT	3.10E-03	mg/L
Benzo(b)fluoranthene	0/17		1.60E-04 - 1.00E-02	NT	3.10E-03	mg/L
Benzo(ghi)perylene	0/17		3.20E-04 - 1.00E-02	NT	3.12E-03	mg/L
Benzo(k)fluoranthene	0/17		1.60E-04 - 1.00E-02	NT	3.10E-03	mg/L
Benzoic acid	0/4		6.60E-03 - 5.00E-02	NT	8.73E-03	mg/L
Bis(2-chloroethoxy)methane	0/10		2.50E-04 - 1.00E-02	NT	3.54E-03	mg/L
Bis(2-chloroethyl) ether	0/10		2.90E-04 - 1.00E-02	NT	3.54E-03	mg/L
Bis(2-chloroisopropyl)ether	0/10		3.50E-04 - 1.00E-02	NT	3.55E-03	mg/L
Bis(2-ethylhexyl)phthalate	1/10	1.00E-03 - 1.00E-03	3.00E-04 - 1.00E-02	L	5.80E-03	mg/L
Bromochloromethane	0/24		1.00E-03 - 5.00E-03	NT	2.17E-03	mg/L
Bromodichloromethane	1/233	9.00E-03 - 9.00E-03	5.00E-04 - 5.00E+01	N	1.33E+00	mg/L
Bromoform	0/42		4.40E-04 - 1.30E+01	NT	1.57E-01	mg/L
Bromomethane	0/43		2.50E-04 - 2.50E+01	NT	2.94E-01	mg/L
Butyl benzyl phthalate	0/10		6.40E-04 - 1.00E-02	NT	3.60E-03	mg/L
Carbazole	0/7		1.00E-02 - 1.00E-02	NT	5.00E-03	mg/L
Carbon disulfide	0/42		3.30E-04 - 1.30E+01	NT	1.70E-01	mg/L
Carbon tetrachloride	0/232		3.50E-04 - 5.00E+01	NT	1.33E+00	mg/L
Chlorobenzene	0/42		4.90E-04 - 1.30E+01	NT	1.57E-01	mg/L
Chloroethane	1/46	8.20E-01 - 8.20E-01	1.00E-03 - 2.50E+01	L	3.11E-02	mg/L
Chloroform	10/236	2.00E-03 - 2.40E-02	4.10E-04 - 5.00E+01	N	1.31E+00	mg/L
Chloromethane	0/43		3.70E-04 - 2.50E+01	NT	2.94E-01	mg/L
Chrysene	0/17		2.10E-04 - 1.00E-02	NT	3.11E-03	mg/L
Co-Ral	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Demeton O and S	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Di-n-butyl phthalate	3/10	4.40E-04 - 9.80E-04	1.00E-02 - 1.00E-02	L	7.51E-04	mg/L
Di-n-octylphthalate	0/10		1.50E-04 - 1.00E-02	NT	3.52E-03	mg/L
Diazinon	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Dibenz(a,h)anthracene	0/17		2.80E-04 - 1.00E-02	NT	3.11E-03	mg/L
Dibenzofuran	0/10		1.10E-04 - 1.00E-02	NT	3.52E-03	mg/L
Dibromochloromethane	1/43	2.00E-03 - 2.00E-03	4.30E-04 - 1.30E+01	L	6.22E-03	mg/L
Dibromomethane	0/29		1.00E-03 - 1.30E+01	NT	2.26E-01	mg/L
Dichlorodifluoromethane	3/29	1.00E-03 - 6.00E-03	1.00E-03 - 1.30E+01	L	1.90E-03	mg/L
Dichloroethene	0/2		5.00E+01 - 5.00E+01	NT	2.50E+01	mg/L
Dichlorvos	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Dieldrin	0/9		1.00E-05 - 2.80E-04	NT	5.01E-05	mg/L
Diethyl phthalate	1/10	8.50E-04 - 8.50E-04	2.30E-04 - 1.00E-02	L	7.17E-03	mg/L
Dimethyl phthalate	0/10		9.00E-05 - 1.00E-02	NT	3.51E-03	mg/L
Dimethyl-1,2-dibromo-2,2-dichloroethyl phospate	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Dimethylbenzene	13/269	7.20E-03 - 2.80E+00	1.00E-03 - 1.00E+02	N	2.87E-01	mg/L
Disulfoton	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Endosulfan I	0/6		5.00E-06 - 1.00E-05	NT	3.00E-06	mg/L
Endosulfan II	0/6		1.00E-05 - 1.10E-05	NT	5.08E-06	mg/L
Endosulfan sulfate	0/6		1.00E-05 - 1.10E-05	NT	5.08E-06	mg/L
Endrin	0/6		1.00E-05 - 1.10E-05	NT	5.08E-06	mg/L
Endrin aldehyde	0/6		1.00E-05 - 1.10E-05	NT	5.08E-06	mg/L
Endrin ketone	0/5		1.00E-05 - 1.10E-05	NT	5.10E-06	mg/L
Ethane	3/5	1.28E-01 - 3.03E-01	3.00E-02 - 3.00E-02	N	6.87E-02	mg/L
Ethanol	3/28	7.00E-03 - 2.40E-02	5.00E-02 - 1.00E+00	L	1.88E-02	mg/L
Ethion	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Ethyl cyanide	0/1		2.50E+02 - 2.50E+02	NT	1.25E+02	mg/L
Ethyl methacrylate	0/29		1.00E-03 - 1.30E+01	NT	2.27E-01	mg/L
Ethyl methanesulfonate	0/3		1.50E-03 - 1.50E-03	NT	7.50E-04	mg/L
Ethylbenzene	15/270	8.70E-04 - 1.50E+00	4.40E-04 - 5.00E+01	N	1.77E-01	mg/L
Ethylene	3/5	2.24E+00 - 3.96E+00	3.00E-02 - 3.00E-02	N	9.18E-01	mg/L
Fensulfothion	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Fenthion	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Fluoranthene	0/17		2.30E-04 - 1.00E-02	NT	3.11E-03	mg/L
Fluorene	1/17	7.00E-03 - 7.00E-03	2.20E-04 - 1.00E-02	N	3.17E-03	mg/L
Heptachlor	0/9		5.00E-06 - 2.50E-04	NT	4.37E-05	mg/L
Heptachlor epoxide	0/6		5.00E-06 - 1.00E-05	NT	3.00E-06	mg/L
Hexachloro-dibenzo[b,e][1,4]dioxin	0/1		1.60E-06 - 1.60E-06	NT	8.00E-07	mg/L
Hexachlorobenzene	0/10		2.10E-04 - 1.00E-02	NT	3.53E-03	mg/L
Hexachlorobutadiene	0/10		3.00E-04 - 1.00E-02	NT	3.55E-03	mg/L
Hexachlorocyclopentadiene	0/10		1.70E-04 - 1.00E-02	NT	3.53E-03	mg/L
Hexachlorodibenzofuran	0/1		8.00E-07 - 8.00E-07	NT	4.00E-07	mg/L
Hexachloroethane	0/10		3.50E-04 - 1.00E-02	NT	3.55E-03	mg/L
Indeno(1,2,3-cd)pyrene	0/17		2.20E-04 - 1.00E-02	NT	3.11E-03	mg/L
Iodomethane	0/29		1.00E-03 - 1.30E+01	NT	2.26E-01	mg/L
Isophorone	1/10	6.60E-03 - 6.60E-03	2.20E-04 - 1.00E-02	N	3.85E-03	mg/L
Lindane	0/9		5.00E-06 - 2.40E-04	NT	4.20E-05	mg/L
Merphos	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Methacrylonitrile	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Methoxychlor	0/9		1.00E-05 - 1.60E-04	NT	5.02E-05	mg/L
Methyl methacrylate	0/1		1.30E+01 - 1.30E+01	NT	6.50E+00	mg/L
Methyl methanesulfonate	0/3		2.40E-04 - 2.40E-04	NT	1.20E-04	mg/L
Methyl parathion	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Methylene chloride	16/42	1.00E-03 - 1.80E-02	3.50E-04 - 1.30E+01	L	2.99E-03	mg/L
Mocap	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
N-Nitroso-di-n-propylamine	0/10		2.70E-04 - 1.00E-02	NT	3.54E-03	mg/L
N-Nitrosodimethylamine	0/3		2.30E-04 - 2.30E-04	NT	1.15E-04	mg/L
N-Nitrosodiphenylamine	0/10		1.20E-04 - 1.00E-02	NT	3.52E-03	mg/L
N-Nitrosopiperidine	0/3		1.30E-03 - 1.30E-03	NT	6.50E-04	mg/L
Naphthalene	1/17	4.70E-02 - 4.70E-02	2.90E-04 - 1.00E-02	L	6.35E-03	mg/L
Nitrobenzene	0/11		3.60E-04 - 1.00E-02	NT	3.50E-03	mg/L
PCB-1016	0/9		1.00E-05 - 4.10E-04	NT	1.95E-04	mg/L
PCB-1221	0/9		2.00E-04 - 2.27E-04	NT	2.10E-04	mg/L
PCB-1232	0/9		1.00E-05 - 1.50E-04	NT	1.08E-04	mg/L
PCB-1242	0/9		1.00E-05 - 6.70E-04	NT	2.82E-04	mg/L
PCB-1248	0/9		1.00E-05 - 2.90E-04	NT	1.55E-04	mg/L
PCB-1254	0/9		1.00E-05 - 1.14E-04	NT	6.36E-05	mg/L
PCB-1260	0/9		1.00E-05 - 1.14E-04	NT	6.66E-05	mg/L
Pentachloro-dibenzo[b,e][1,4]dioxin	0/1		1.50E-06 - 1.50E-06	NT	7.50E-07	mg/L
Pentachlorobenzene	0/3		2.00E-03 - 2.00E-03	NT	1.00E-03	mg/L
Pentachlorodibenzofuran	0/1		1.40E-06 - 1.40E-06	NT	7.00E-07	mg/L
Pentachloronitrobenzene	0/3		4.70E-03 - 4.70E-03	NT	2.35E-03	mg/L
Pentachlorophenol	0/10		2.40E-04 - 5.00E-02	NT	1.70E-02	mg/L
Phenacetin	0/3		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Phenanthrene	1/17	5.00E-03 - 5.00E-03	2.10E-04 - 1.00E-02	N	3.11E-03	mg/L
Phenol	0/10		6.20E-04 - 1.00E-02	NT	3.59E-03	mg/L
Phorate	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Phosdrin	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Polychlorinated biphenyl	0/37		1.00E-04 - 1.70E-04	NT	1.06E-04	mg/L
Pronamide	0/3		5.30E-03 - 5.30E-03	NT	2.65E-03	mg/L
Prothiophos	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Pyrene	0/17		2.50E-04 - 1.00E-02	NT	3.11E-03	mg/L
Pyridine	0/3		4.70E-04 - 4.70E-04	NT	2.35E-04	mg/L
Ronnel	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Silvex	0/1		2.00E-04 - 2.00E-04	NT	1.00E-04	mg/L
Styrene	0/43		4.00E-04 - 1.30E+01	NT	1.54E-01	mg/L
Sulprofos	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Tetrachloro-dibenzo[b,e][1,4]dioxin	0/1		1.10E-06 - 1.10E-06	NT	5.50E-07	mg/L
Tetrachlorodibenzofuran	0/1		7.00E-07 - 7.00E-07	NT	3.50E-07	mg/L
Tetrachloroethene	0/211		3.50E-04 - 5.00E+01	NT	1.47E+00	mg/L
Tetrachlorovinphos	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Toluene	1/268	1.80E-02 - 1.80E-02	4.40E-04 - 5.00E+01	N	1.64E-01	mg/L
Toxaphene	0/6		5.00E-04 - 1.13E-03	NT	4.69E-04	mg/L
Trans-1,4-Dichloro-2-butene	0/29		1.00E-03 - 1.30E+01	NT	2.39E-01	mg/L
Trichloroethene	327/623	1.00E-03 - 3.10E+03	1.00E-03 - 1.00E-01	N	1.57E+01	mg/L

Table 2.5 Data summary for all analytes (continued)

AREA_CODE=n MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Trichlorofluoromethane	0/29		1.00E-03 - 1.30E+01	NT	2.26E-01	mg/L
Trichloronate	0/1		1.10E-04 - 1.10E-04	NT	5.50E-05	mg/L
Trinitrotoluene	0/2		6.00E-03 - 6.00E-03	NT	3.00E-03	mg/L
Vinyl acetate	0/34		1.00E-03 - 1.30E+01	NT	2.02E-01	mg/L
Vinyl chloride	34/249	4.20E-02 - 5.00E+00	1.00E-03 - 1.00E+02	N	5.13E+00	mg/L
a,a-Dimethylphenethylamine	0/3		4.10E-03 - 4.10E-03	NT	2.05E-03	mg/L
alpha-BHC	0/9		5.00E-06 - 2.10E-04	NT	3.70E-05	mg/L
alpha-Chlordane	0/6		5.00E-06 - 1.00E-05	NT	3.42E-06	mg/L
beta-BHC	0/9		5.00E-06 - 5.40E-04	NT	9.20E-05	mg/L
cis-1,2-Dichloroethene	58/218	6.70E-04 - 4.90E+00	4.70E-04 - 5.00E+01	N	2.72E+00	mg/L
cis-1,3-Dichloropropene	0/42		4.00E-04 - 1.30E+01	NT	1.57E-01	mg/L
delta-BHC	0/9		5.00E-06 - 2.20E-03	NT	3.69E-04	mg/L
gamma-Chlordane	0/6		5.00E-06 - 5.00E-05	NT	6.75E-06	mg/L
p-Dimethylaminoazobenzene	0/3		1.20E-02 - 1.20E-02	NT	6.00E-03	mg/L
trans-1,2-Dichloroethene	3/237	3.40E-03 - 5.00E-01	4.80E-04 - 5.00E+01	N	2.21E+00	mg/L
trans-1,3-Dichloropropene	0/43		4.70E-04 - 1.30E+01	NT	1.54E-01	mg/L
Alpha activity	405/489	1.00E-01 - 3.49E+02	-1.07E+01 - 1.00E+03	N	3.69E+01	pCi/L
Americium-241	2/9	1.90E-01 - 3.40E-01	-2.60E+00 - 0.00E+00	L	2.94E-01	pCi/L
Beta activity	450/489	1.00E+00 - 1.26E+03	-9.00E+00 - 1.00E+03	N	5.49E+01	pCi/L
Cesium-137	3/13	2.00E-01 - 9.00E-01	-1.20E+00 - 1.86E+01	L	5.19E-01	pCi/L
Cobalt-60	6/7	1.00E-01 - 1.40E+00	-4.00E-01 --4.00E-01	N	3.57E-01	pCi/L
Neptunium-237	12/23	1.00E-02 - 2.37E+00	-5.00E-01 - 8.00E-02	L	3.27E-01	pCi/L
Plutonium-238	3/4	8.00E-02 - 1.10E-01	0.00E+00 - 0.00E+00	N	3.63E-02	pCi/L
Plutonium-239	6/20	1.00E-02 - 7.60E-01	-2.31E-01 - 9.00E-02	L	1.69E-01	pCi/L
Plutonium-239/240	1/1	2.07E-02 - 2.07E-02		NT	1.04E-02	pCi/L
Plutonium-242	0/2		1.00E-02 - 7.00E-02	NT	2.00E-02	pCi/L
Protactinium-234	0/2		1.30E+01 - 2.70E+01	NT	1.00E+01	pCi/L
Radium-226	9/15	3.00E-01 - 1.60E+00	-9.00E-01 - 0.00E+00	L	6.63E-01	pCi/L
Radon-222	79/79	1.20E+01 - 2.05E+03		L	3.24E+02	pCi/L
Technetium-99	583/651	1.00E+00 - 1.01E+03	-9.40E+00 - 5.53E+02	N	1.31E+02	pCi/L
Thorium-228	2/2	3.40E-01 - 6.40E-01		N	2.45E-01	pCi/L
Thorium-230	16/22	8.00E-02 - 8.00E-01	-2.68E-01 - 0.00E+00	N	1.68E-01	pCi/L
Thorium-232	2/2	1.80E-01 - 4.90E-01		N	1.68E-01	pCi/L
Uranium-234	14/16	1.50E-01 - 1.84E+01	3.00E-01 - 3.00E-01	L	2.19E+00	pCi/L
Uranium-235	6/9	9.12E-02 - 1.22E+00	1.52E-02 - 1.72E-02	L	2.42E-01	pCi/L
Uranium-235/236	4/5	1.00E-02 - 8.00E-02	-1.88E-01 --1.88E-01	N	-1.16E-02	pCi/L
Uranium-238	13/14	8.00E-02 - 4.19E+01	2.10E-01 - 2.10E-01	L	4.28E+00	pCi/L

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Table 2.6 Data summary for detected analytes

AREA_CODE=a MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	28/42	9.96E-02 - 1.38E+02	1.00E-01 - 6.30E-01	L	6.19E-01	mg/L
Arsenic	2/46	2.38E-03 - 4.60E-02	1.11E-03 - 5.00E-03	N	2.79E-03	mg/L
Barium	46/46	3.00E-02 - 8.50E-01		L	1.15E-01	mg/L
Beryllium	2/46	3.33E-04 - 1.11E-03	2.22E-04 - 1.00E-01	L	3.95E-04	mg/L
Cadmium	1/46	5.56E-04 - 5.56E-04	2.67E-04 - 3.00E-01	L	1.10E-02	mg/L
Calcium	46/46	1.54E+01 - 4.74E+01		N	1.47E+01	mg/L
Chloride	42/42	3.68E+01 - 8.76E+01		N	3.55E+01	mg/L
Chromium	9/46	1.69E-02 - 1.30E+00	6.56E-03 - 6.00E-02	L	2.30E-02	mg/L
Cobalt	1/46	2.56E-02 - 2.56E-02	1.78E-03 - 3.50E-01	N	2.58E-02	mg/L
Fluoride	28/42	1.00E-01 - 7.20E+00	1.00E-01 - 1.00E-01	L	2.15E-01	mg/L
Iron	37/45	1.80E-02 - 7.20E+02	1.00E-02 - 3.60E-01	L	1.10E+00	mg/L
Magnesium	46/46	6.60E+00 - 2.41E+01		L	6.04E+00	mg/L
Manganese	37/46	6.00E-03 - 7.75E+00	5.00E-03 - 2.00E-02	L	8.72E-02	mg/L
Nickel	5/46	9.67E-03 - 1.12E-01	5.00E-02 - 1.00E+00	L	2.19E-02	mg/L
Nitrate as Nitrogen	35/42	1.20E+00 - 1.28E+01	1.00E+00 - 1.00E+00	L	2.57E+00	mg/L
Potassium	22/45	9.57E-01 - 4.13E+00	2.00E+00 - 3.00E+01	L	2.60E+00	mg/L
Selenium	1/9	1.84E-03 - 1.84E-03	1.44E-03 - 7.22E-03	N	2.05E-03	mg/L
Silica	7/7	1.50E+01 - 2.30E+01		N	9.71E+00	mg/L
Sodium	46/46	2.91E+01 - 8.00E+01		N	2.27E+01	mg/L
Tetraoxo-sulfate(1-)	42/42	1.00E+01 - 7.42E+01		N	1.85E+01	mg/L
Thallium	1/42	2.38E-01 - 2.38E-01	4.67E-04 - 4.70E-01	L	1.26E-01	mg/L
Uranium	3/28	2.90E-04 - 4.00E-03	8.00E-05 - 1.00E-03	L	9.77E-05	mg/L
Vanadium	36/42	5.44E-03 - 9.50E-01	4.00E-03 - 5.00E-02	L	1.09E-01	mg/L
Zinc	18/46	7.00E-03 - 1.00E+00	5.00E-03 - 3.00E-02	L	1.16E-02	mg/L
1,1-Dichloroethene	1/17	2.40E-02 - 2.40E-02	5.00E-02 - 5.00E+01	L	1.02E+01	mg/L
Carbon tetrachloride	2/50	1.20E-01 - 1.60E-01	1.30E-02 - 5.00E+01	L	4.49E-02	mg/L
Chloroform	1/50	2.00E-03 - 2.00E-03	5.00E-02 - 5.00E+01	L	4.41E+01	mg/L
Tetrachloroethene	4/74	2.70E-02 - 2.30E-01	5.00E-02 - 5.00E+01	N	1.30E+01	mg/L
Trichloroethene	94/94	2.10E-01 - 4.60E+02		L	3.66E+02	mg/L
cis-1,2-Dichloroethene	4/46	4.00E-03 - 2.20E-01	5.00E-02 - 5.00E+01	L	3.77E-02	mg/L
trans-1,2-Dichloroethene	2/46	2.90E-03 - 1.20E+00	5.00E-02 - 5.00E+01	L	1.64E-02	mg/L
Alpha activity	60/79	2.00E-01 - 6.59E+01	-1.59E+02 - 1.00E+03	L	6.24E+00	pCi/L
Americium-241	3/4	1.00E-02 - 7.00E-02	2.30E-01 - 2.30E-01	N	4.13E-02	pCi/L
Beta activity	69/79	3.75E+00 - 9.83E+03	1.00E+03 - 1.00E+03	L	2.94E+02	pCi/L
Cesium-137	3/5	1.01E+00 - 1.29E+01	4.80E-01 - 2.91E+01	N	5.46E+00	pCi/L
Neptunium-237	6/8	1.00E-01 - 1.44E+01	0.00E+00 - 2.04E+00	L	2.09E+00	pCi/L
Plutonium-239	2/8	2.00E-02 - 9.00E-02	-1.00E-02 - 0.00E+00	L	6.18E-02	pCi/L
Radon-222	4/4	2.78E+02 - 6.04E+02		N	2.39E+02	pCi/L
Technetium-99	85/88	2.00E+00 - 1.67E+04	-7.20E+00 - 0.00E+00	L	3.45E+02	pCi/L
Thorium-230	7/8	7.00E-02 - 1.10E+00	6.00E-02 - 6.00E-02	L	4.42E-01	pCi/L
Uranium-234	3/4	3.00E-02 - 1.50E-01	5.00E-02 - 5.00E-02	N	8.00E-02	pCi/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=a MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Uranium-235	2/4	1.00E-02 - 2.00E-02	-1.00E-02 - 0.00E+00	N	5.00E-03	pCi/L
Uranium-238	3/4	1.00E-02 - 5.00E-02	-1.00E-02 --1.00E-02	N	1.75E-02	pCi/L

AREA_CODE=a MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	14/14	1.31E-01 - 1.28E+01		L	9.55E-01	mg/L
Antimony	1/15	2.79E-02 - 2.79E-02	6.00E-02 - 1.85E-01	L	3.28E-02	mg/L
Arsenic	1/15	8.00E-03 - 8.00E-03	1.11E-03 - 5.00E-03	N	2.47E-03	mg/L
Barium	15/15	4.50E-02 - 1.98E-01		L	3.87E-02	mg/L
Beryllium	1/15	5.56E-04 - 5.56E-04	4.00E-03 - 1.50E-02	L	2.79E-03	mg/L
Calcium	15/15	1.49E+01 - 5.75E+01		L	1.14E+01	mg/L
Chloride	14/14	1.90E+01 - 1.56E+02		L	2.36E+01	mg/L
Chromium	1/16	1.42E-02 - 1.42E-02	5.00E-02 - 6.00E-02	N	2.42E-02	mg/L
Cobalt	1/15	2.00E-03 - 2.00E-03	4.50E-02 - 5.00E-02	N	2.32E-02	mg/L
Copper	1/15	1.00E-02 - 1.00E-02	1.00E-02 - 2.50E-02	N	5.50E-03	mg/L
Fluoride	4/13	1.00E-01 - 1.70E-01	1.00E-01 - 1.00E-01	L	9.97E-02	mg/L
Iron	15/15	1.90E-02 - 5.43E+00		L	1.08E+00	mg/L
Lead	2/4	3.69E-03 - 6.90E-02	5.00E-02 - 2.50E-01	N	4.66E-02	mg/L
Magnesium	15/15	5.63E+00 - 1.93E+01		L	4.36E+00	mg/L
Manganese	14/15	9.00E-03 - 1.13E-01	5.00E-03 - 5.00E-03	L	3.89E-02	mg/L
Nickel	2/15	2.03E-02 - 4.15E-01	5.00E-02 - 5.00E-02	L	1.27E-02	mg/L
Nitrate as Nitrogen	6/14	1.00E+00 - 1.90E+00	1.00E+00 - 1.00E+00	L	1.15E+00	mg/L
Potassium	2/14	2.28E+00 - 2.95E+00	2.00E+00 - 2.00E+00	L	1.56E+00	mg/L
Silica	3/3	1.70E+01 - 3.80E+01		N	1.35E+01	mg/L
Sodium	15/15	5.12E+01 - 1.26E+02		L	3.73E+01	mg/L
Tetraoxo-sulfate(1-)	14/14	8.70E+00 - 1.36E+02		N	5.51E+01	mg/L
Uranium	2/6	2.80E-04 - 3.10E-02	1.00E-03 - 1.00E-03	N	5.88E-03	mg/L
Vanadium	10/14	1.91E-02 - 1.57E-01	5.00E-02 - 5.00E-02	L	7.32E-02	mg/L
Zinc	6/15	8.00E-03 - 5.50E-02	5.00E-03 - 8.00E-03	L	9.54E-03	mg/L
1,1-Dichloroethene	1/16	1.60E-03 - 1.60E-03	4.00E-03 - 5.00E+01	L	1.68E+01	mg/L
Bis(2-ethylhexyl)phthalate	1/1	1.00E-03 - 1.00E-03		NT	5.00E-04	mg/L
Chloroform	1/16	1.30E-02 - 1.30E-02	5.00E-02 - 5.00E+01	N	1.88E+01	mg/L
Trichloroethene	34/36	2.30E-03 - 7.80E+02	4.00E-03 - 4.00E-03	L	1.94E+01	mg/L
cis-1,2-Dichloroethene	1/25	1.30E-01 - 1.30E-01	4.00E-03 - 5.00E+01	L	2.49E+03	mg/L
trans-1,2-Dichloroethene	2/25	3.40E-03 - 5.00E-01	4.00E-03 - 5.00E+01	L	1.45E-03	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=a MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Alpha activity	28/31	1.41E-01 - 4.22E+01	-4.00E+00 - 0.00E+00	L	9.11E+00	pCi/L
Beta activity	31/31	1.00E+00 - 6.72E+02		L	5.98E+01	pCi/L
Neptunium-237	2/2	3.00E-01 - 9.00E-01		N	3.00E-01	pCi/L
Plutonium-239	1/2	1.00E-01 - 1.00E-01	0.00E+00 - 0.00E+00	N	2.50E-02	pCi/L
Radon-222	1/1	4.61E+02 - 4.61E+02		NT	2.31E+02	pCi/L
Technetium-99	20/22	2.30E+01 - 1.20E+02	0.00E+00 - 3.60E+00	N	6.09E+01	pCi/L
Thorium-230	2/2	2.00E-01 - 7.00E-01		N	2.25E-01	pCi/L

AREA_CODE=b MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	2/35	6.50E-01 - 1.50E+00	6.25E-01 - 1.00E+00	L	3.06E-01	mg/L
Antimony	1/13	1.85E-01 - 1.85E-01	1.85E-01 - 2.50E-01	N	1.00E-01	mg/L
Barium	4/5	8.40E-02 - 1.70E-01	7.00E-02 - 7.00E-02	N	5.74E-02	mg/L
Calcium	35/35	1.17E+01 - 2.76E+01		L	8.57E+00	mg/L
Chloride	32/32	5.40E+00 - 5.51E+01		L	3.97E+00	mg/L
Fluoride	14/14	1.40E-01 - 1.70E-01		N	1.56E-01	mg/L
Iron	34/35	5.14E+00 - 1.66E+01	3.00E-01 - 3.00E-01	N	5.98E+00	mg/L
Magnesium	35/35	5.60E+00 - 1.23E+01		N	4.09E+00	mg/L
Manganese	34/35	2.07E-01 - 9.11E-01	2.00E-02 - 2.00E-02	N	3.48E-01	mg/L
Nitrate as Nitrogen	1/32	5.60E+00 - 5.60E+00	1.00E+00 - 1.00E+00	N	5.72E-01	mg/L
Potassium	16/32	5.02E+00 - 5.58E+00	5.00E+00 - 1.05E+01	L	5.28E+00	mg/L
Silica	26/26	5.00E+00 - 2.70E+01		N	7.10E+00	mg/L
Sodium	35/35	2.08E+01 - 3.81E+01		L	1.46E+01	mg/L
Tetraoxo-sulfate(1-)	17/31	1.40E+00 - 1.72E+01	5.00E+00 - 5.00E+00	L	7.01E+00	mg/L
Vanadium	1/1	4.00E-02 - 4.00E-02		NT	2.00E-02	mg/L
Zinc	2/5	4.50E-02 - 8.00E-02	1.00E-01 - 2.50E-01	N	5.75E-02	mg/L
Trichloroethene	4/43	1.00E-03 - 9.60E+00	1.00E-03 - 5.00E-03	N	2.24E-01	mg/L
Alpha activity	28/35	2.00E-01 - 7.30E+00	-3.11E+01 --2.00E-01	L	2.71E+00	pCi/L
Beta activity	34/35	1.00E+00 - 1.48E+03	0.00E+00 - 0.00E+00	L	1.73E+01	pCi/L
Neptunium-237	2/3	1.00E-01 - 4.00E-01	-3.00E-01 --3.00E-01	N	3.33E-02	pCi/L
Plutonium-238	1/2	5.00E-02 - 5.00E-02	-1.00E-01 --1.00E-01	N	-1.25E-02	pCi/L
Radium-226	2/3	7.00E-01 - 8.60E-01	0.00E+00 - 0.00E+00	N	2.60E-01	pCi/L
Radon-222	31/31	2.20E+01 - 2.91E+02		N	6.20E+01	pCi/L
Technetium-99	28/43	5.00E-01 - 1.95E+03	-1.20E+01 - 0.00E+00	L	1.43E+01	pCi/L
Thorium-230	1/2	1.00E-02 - 1.00E-02	-1.41E-01 --1.41E-01	N	-3.28E-02	pCi/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=b MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	106/298	1.25E-01 - 1.43E+02	1.50E-02 - 1.00E+00	N	1.09E+00	mg/L
Arsenic	28/399	5.00E-03 - 1.40E-01	2.60E-03 - 5.00E-03	N	3.03E-03	mg/L
Barium	99/105	2.64E-02 - 2.20E+00	7.00E-02 - 7.00E-02	L	1.96E-01	mg/L
Beryllium	9/111	3.00E-04 - 1.40E-02	2.00E-04 - 2.50E-02	N	5.86E-03	mg/L
Cadmium	3/411	1.00E-02 - 2.13E-01	3.00E-04 - 1.00E-01	N	7.72E-03	mg/L
Calcium	340/340	1.06E+01 - 4.87E+01		L	1.24E+01	mg/L
Chloride	318/318	7.60E+00 - 5.86E+02		N	2.29E+01	mg/L
Chromium	50/411	2.50E-03 - 8.89E-01	1.00E-02 - 6.00E-02	N	3.11E-02	mg/L
Cobalt	3/105	6.10E-03 - 9.00E-02	2.40E-03 - 1.00E-01	N	2.51E-02	mg/L
Copper	15/114	1.10E-02 - 8.10E-02	2.10E-03 - 1.00E-01	N	1.67E-02	mg/L
Fluoride	115/185	1.00E-01 - 7.10E-01	1.00E-01 - 1.00E+00	N	1.43E-01	mg/L
Iron	244/343	3.20E-02 - 4.18E+02	1.00E-02 - 5.00E-01	N	3.62E+00	mg/L
Lead	8/370	5.00E-03 - 4.32E-01	1.70E-03 - 2.50E-01	N	3.80E-02	mg/L
Magnesium	343/343	3.30E+00 - 2.88E+01		L	4.96E+00	mg/L
Manganese	218/334	2.50E-03 - 8.20E+00	5.00E-03 - 1.00E-01	N	3.37E-01	mg/L
Mercury	1/359	3.00E-04 - 3.00E-04	2.00E-04 - 4.70E-02	N	3.83E-04	mg/L
Molybdenum	3/81	1.50E-02 - 2.50E-02	4.40E-03 - 1.00E-01	N	2.88E-02	mg/L
Nickel	57/117	1.40E-02 - 5.70E-01	4.20E-03 - 1.00E-01	L	1.12E-01	mg/L
Nitrate as Nitrogen	201/304	1.00E+00 - 3.93E+01	1.00E+00 - 1.00E+00	N	1.50E+00	mg/L
Nitrate/Nitrite	6/6	5.00E-02 - 9.40E+00		N	9.37E-01	mg/L
Potassium	25/309	1.10E-01 - 2.44E+01	2.00E+00 - 1.05E+01	N	3.08E+00	mg/L
Selenium	1/369	4.76E-01 - 4.76E-01	3.80E-03 - 1.50E-02	N	3.15E-03	mg/L
Silica	188/188	1.10E+01 - 4.50E+01		L	9.91E+00	mg/L
Silver	1/55	5.70E-03 - 5.70E-03	4.10E-03 - 6.00E-02	N	2.58E-02	mg/L
Sodium	342/342	8.70E+00 - 1.62E+02		N	1.32E+01	mg/L
Sulfate	27/27	2.90E+00 - 4.20E+01		L	7.23E+00	mg/L
Tetraoxo-sulfate(1-)	291/292	6.00E+00 - 2.24E+02	2.00E+00 - 2.00E+00	N	6.72E+00	mg/L
Tin	3/13	1.80E-02 - 8.00E-01	1.70E-02 - 2.80E-01	L	4.02E-02	mg/L
Total Phosphate as Phosphorus	12/260	1.70E+00 - 3.49E+01	2.00E+00 - 2.00E+00	N	1.13E+00	mg/L
Uranium	17/416	1.00E-03 - 1.90E-01	1.00E-03 - 9.20E-02	N	4.92E-03	mg/L
Vanadium	48/63	2.50E-03 - 2.10E-01	1.70E-03 - 2.50E-01	N	3.45E-02	mg/L
Zinc	44/116	6.00E-03 - 2.29E-01	5.00E-03 - 2.50E-01	L	2.12E-02	mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	2/4	8.80E-04 - 5.70E-03	3.60E-04 - 3.60E-04	N	9.13E-04	mg/L
1,1,2-Trichloroethane	1/446	2.00E-03 - 2.00E-03	5.00E-03 - 5.00E+00	N	2.87E-01	mg/L
1,1-Dichloroethane	1/420	4.10E-03 - 4.10E-03	5.00E-03 - 5.00E+00	N	2.84E-01	mg/L
1,1-Dichloroethene	1/419	1.30E-03 - 1.30E-03	5.00E-03 - 5.00E+00	N	2.85E-01	mg/L
1,2-Dichloroethane	1/449	1.10E-03 - 1.10E-03	1.00E-03 - 5.00E+00	N	2.86E-01	mg/L
4-Methyl-2-pentanone	1/9	2.50E-03 - 2.50E-03	1.10E-03 - 5.00E-02	L	2.50E-02	mg/L
Acetone	4/11	5.40E-03 - 2.30E-02	1.40E-03 - 1.00E-01	L	8.79E-03	mg/L
Carbon tetrachloride	2/450	1.20E-02 - 1.60E-02	5.00E-03 - 5.00E+00	N	2.87E-01	mg/L
Chlorobenzene	1/9	2.00E-03 - 2.00E-03	4.90E-04 - 5.00E-03	L	1.58E-03	mg/L

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Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=b MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Chloroform	3/448	1.00E-03 - 1.40E-02	5.00E-03 - 5.00E+00	N	2.87E-01	mg/L
Di-n-butyl phthalate	1/1	8.00E-03 - 8.00E-03		NT	4.00E-03	mg/L
Ethane	8/11	1.00E-03 - 1.97E-01	3.00E-02 - 3.00E-02	L	3.42E-02	mg/L
Ethylene	8/11	7.00E-03 - 4.17E+00	3.00E-02 - 3.00E-02	L	1.71E-01	mg/L
Methylene chloride	1/9	5.00E-03 - 5.00E-03	3.50E-04 - 5.00E-03	N	1.47E-03	mg/L
Tetrachloroethene	2/449	1.90E-03 - 3.20E-01	5.00E-03 - 5.00E+00	N	2.88E-01	mg/L
Toluene	3/424	1.00E-03 - 1.10E-02	5.00E-03 - 5.00E+00	N	2.79E-01	mg/L
Trichloroethene	495/791	7.00E-04 - 3.00E+01	1.00E-03 - 1.00E+00	N	2.17E+00	mg/L
Vinyl chloride	2/462	2.50E+00 - 6.30E+00	1.30E-03 - 1.00E+01	N	9.86E-01	mg/L
cis-1,2-Dichloroethene	11/457	1.10E-03 - 4.20E+00	4.70E-04 - 5.00E+00	N	5.71E-01	mg/L
trans-1,2-Dichloroethene	2/458	4.90E-04 - 3.80E-03	4.80E-04 - 5.00E+00	N	5.69E-01	mg/L
Alpha activity	329/529	7.00E-02 - 5.59E+01	-8.47E+01 - 1.00E+03	N	5.59E+01	pCi/L
Americium-241	9/15	1.00E-01 - 3.50E+00	-8.00E-01 --4.00E-01	L	6.45E-01	pCi/L
Beta activity	463/529	1.00E+00 - 5.29E+03	-1.00E+01 - 1.00E+03	N	3.08E+02	pCi/L
Cesium-137	3/26	3.00E-01 - 8.00E-01	-2.70E+00 - 1.87E+04	L	4.86E-01	pCi/L
Cobalt-60	7/9	2.00E-01 - 2.30E+00	-6.00E-01 --2.00E-01	L	9.93E-01	pCi/L
Neptunium-237	19/35	3.00E-02 - 5.00E-01	-7.34E-01 --1.12E-02	L	1.97E-01	pCi/L
Plutonium-238	9/13	1.00E-02 - 7.00E-02	-1.40E-01 - 0.00E+00	N	6.54E-03	pCi/L
Plutonium-239	9/15	1.00E-02 - 1.30E-01	-1.26E-01 - 0.00E+00	L	7.62E-02	pCi/L
Plutonium-239/240	5/7	8.87E-04 - 3.06E-02	-3.99E-03 --3.54E-03	L	9.95E-03	pCi/L
Radium-226	27/31	6.00E-02 - 7.39E+02	0.00E+00 - 0.00E+00	L	2.92E+00	pCi/L
Radon-222	247/247	1.10E+01 - 2.23E+03		N	1.12E+02	pCi/L
Technetium-99	933/1E3	2.00E-01 - 5.80E+03	-1.00E+01 - 0.00E+00	N	3.73E+02	pCi/L
Thorium-230	22/29	2.69E-02 - 4.70E+00	-5.00E-01 --2.49E-02	L	5.17E-01	pCi/L
Uranium-234	15/21	1.70E-01 - 2.00E+02	3.00E-01 - 5.00E-01	L	1.49E+00	pCi/L
Uranium-235	4/12	9.00E-02 - 9.96E+00	1.52E-02 - 2.16E-02	L	2.63E-02	pCi/L
Uranium-235/236	8/10	1.00E-02 - 3.50E-01	0.00E+00 - 0.00E+00	L	8.60E-02	pCi/L
Uranium-238	14/18	1.00E-02 - 2.11E+02	0.00E+00 - 3.00E-01	L	1.51E+00	pCi/L

AREA_CODE=b MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	68/88	6.80E-02 - 5.41E+01	1.00E-01 - 1.00E+00	L	1.85E+00	mg/L
Arsenic	61/196	5.00E-03 - 4.53E-01	2.60E-03 - 5.00E-03	N	1.42E-02	mg/L
Barium	64/65	4.20E-02 - 5.85E-01	5.00E-02 - 5.00E-02	N	1.57E-01	mg/L
Beryllium	3/67	2.00E-04 - 4.00E-04	2.00E-04 - 2.50E-02	N	3.91E-03	mg/L

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Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=b MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Cadmium	5/200	1.40E-02 - 1.80E-02	3.00E-04 - 1.00E-01	N	5.68E-03	mg/L
Calcium	105/105	7.55E+00 - 1.05E+02		L	2.24E+01	mg/L
Chloride	104/105	4.20E+00 - 6.29E+02	2.00E+00 - 2.00E+00	L	1.26E+02	mg/L
Chromium	36/200	1.50E-02 - 1.36E+00	1.00E-02 - 6.00E-02	N	3.16E-02	mg/L
Cobalt	1/65	7.50E-03 - 7.50E-03	5.00E-03 - 1.00E-01	N	2.37E-02	mg/L
Copper	3/68	1.00E-02 - 2.20E-02	8.70E-03 - 1.00E-01	N	9.00E-03	mg/L
Fluoride	58/78	1.00E-01 - 2.40E+00	1.00E-01 - 1.00E-01	L	2.23E-01	mg/L
Iron	90/102	1.50E-02 - 3.44E+02	2.50E-01 - 5.00E-01	L	2.37E+00	mg/L
Lead	1/150	1.80E-03 - 1.80E-03	1.70E-03 - 2.50E-01	N	2.94E-02	mg/L
Magnesium	105/105	3.89E+00 - 5.30E+01		L	1.07E+01	mg/L
Manganese	76/100	1.00E-02 - 8.73E-01	2.00E-02 - 1.00E-01	L	1.98E-01	mg/L
Mercury	1/148	3.00E-04 - 3.00E-04	2.00E-04 - 4.70E-02	N	5.99E-04	mg/L
Molybdenum	1/58	1.00E-02 - 1.00E-02	4.40E-03 - 1.00E-01	N	2.49E-02	mg/L
Nickel	38/68	4.60E-02 - 2.30E+00	5.00E-02 - 1.00E-01	L	2.08E-01	mg/L
Nitrate as Nitrogen	20/97	1.00E+00 - 5.70E+00	1.00E+00 - 1.00E+00	N	5.97E-01	mg/L
Nitrate/Nitrite	5/5	9.90E-03 - 2.10E+00		N	3.29E-01	mg/L
Potassium	7/99	4.54E-01 - 9.34E+00	1.80E-02 - 1.05E+01	N	2.09E+00	mg/L
Selenium	4/150	6.00E-03 - 1.60E-02	3.80E-03 - 5.00E-03	N	2.55E-03	mg/L
Silica	41/41	1.80E+01 - 7.90E+01		L	1.91E+01	mg/L
Silver	1/14	5.00E-03 - 5.00E-03	4.50E-03 - 6.00E-02	N	2.34E-02	mg/L
Sodium	105/105	2.20E+01 - 2.81E+02		L	6.42E+01	mg/L
Sulfate	14/14	5.20E+00 - 2.19E+02		L	6.54E+01	mg/L
Tetraoxo-sulfate(1-)	90/91	5.00E+00 - 4.90E+02	5.00E+00 - 5.00E+00	L	8.01E+01	mg/L
Thallium	2/53	7.30E-03 - 9.10E-02	3.70E-03 - 4.70E-01	L	5.30E-03	mg/L
Tin	1/4	2.60E-02 - 2.60E-02	1.70E-02 - 2.80E-01	N	4.25E-02	mg/L
Uranium	18/165	1.00E-03 - 1.10E-01	1.00E-03 - 9.20E-02	N	5.69E-03	mg/L
Vanadium	50/56	1.80E-03 - 5.04E-01	1.70E-03 - 5.00E-02	N	8.35E-02	mg/L
Zinc	36/68	5.00E-03 - 8.00E-02	5.00E-03 - 2.50E-01	L	1.54E-02	mg/L
1,1-Dichloroethane	2/75	1.10E-03 - 1.20E-02	3.70E-04 - 5.00E-01	L	6.76E-04	mg/L
1,1-Dichloroethene	2/74	2.20E-03 - 2.90E-03	4.40E-04 - 5.00E-01	L	1.27E-03	mg/L
1,2-Dichloroethene	1/3	1.40E-02 - 1.40E-02	5.00E-03 - 5.00E-03	N	4.00E-03	mg/L
2,4-Dichlorophenol	1/3	4.00E-04 - 4.00E-04	1.60E-04 - 1.60E-04	N	1.20E-04	mg/L
2,4-Dimethylphenol	1/3	4.40E-03 - 4.40E-03	1.10E-04 - 1.10E-04	N	7.70E-04	mg/L
4-Methyl-2-pentanone	1/6	1.90E-03 - 1.90E-03	1.10E-03 - 5.00E-02	N	1.28E-02	mg/L
4-Methylphenol	1/3	2.10E-04 - 2.10E-04	1.80E-04 - 1.80E-04	N	9.50E-05	mg/L
Acetone	1/7	5.20E-03 - 5.20E-03	1.40E-03 - 1.00E-01	L	8.67E-02	mg/L
Benzene	1/71	7.80E-03 - 7.80E-03	3.80E-04 - 5.00E-01	L	3.82E-02	mg/L
Chloroethane	1/9	8.20E-01 - 8.20E-01	1.40E-03 - 2.50E-02	L	3.43E-02	mg/L
Di-n-butyl phthalate	3/3	4.40E-04 - 9.80E-04		N	3.37E-04	mg/L
Diethyl phthalate	1/3	8.50E-04 - 8.50E-04	2.30E-04 - 2.30E-04	N	2.18E-04	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=b MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Dimethylbenzene	1/72	7.20E-03 - 7.20E-03	1.30E-03 - 1.00E+00	L	5.76E-02	mg/L
Ethane	3/4	1.28E-01 - 3.03E-01	3.00E-02 - 3.00E-02	N	8.21E-02	mg/L
Ethylbenzene	1/72	8.70E-04 - 8.70E-04	4.40E-04 - 5.00E-01	L	3.79E-02	mg/L
Ethylene	3/4	2.24E+00 - 3.96E+00	3.00E-02 - 3.00E-02	N	1.14E+00	mg/L
Isophorone	1/3	6.60E-03 - 6.60E-03	2.20E-04 - 2.20E-04	N	1.17E-03	mg/L
Toluene	1/72	1.80E-02 - 1.80E-02	4.40E-04 - 5.00E-01	L	3.72E-02	mg/L
Trichloroethene	218/291	1.00E-03 - 3.10E+03	1.00E-03 - 1.00E-02	N	1.09E+01	mg/L
Vinyl chloride	34/113	4.20E-02 - 5.00E+00	1.30E-03 - 1.00E+00	L	2.52E-02	mg/L
cis-1,2-Dichloroethene	55/109	6.70E-04 - 4.90E+00	4.70E-04 - 5.00E-02	N	8.92E-01	mg/L
trans-1,2-Dichloroethene	1/109	5.10E-03 - 5.10E-03	4.80E-04 - 5.00E-01	N	1.54E-01	mg/L
Alpha activity	133/175	2.00E-01 - 3.00E+01	-1.00E+01 - 1.00E+03	N	6.48E+01	pCi/L
Americium-241	2/5	1.90E-01 - 3.40E-01	-2.60E+00 - 0.00E+00	N	-3.97E-01	pCi/L
Beta activity	148/175	1.00E+00 - 1.26E+03	-9.00E+00 - 1.00E+03	L	4.11E+01	pCi/L
Cobalt-60	2/3	1.00E-01 - 1.20E+00	-4.00E-01 --4.00E-01	N	1.50E-01	pCi/L
Neptunium-237	7/12	1.00E-02 - 4.00E-01	-4.00E-01 --1.00E-01	N	-7.38E-03	pCi/L
Plutonium-238	1/2	8.00E-02 - 8.00E-02	0.00E+00 - 0.00E+00	N	2.00E-02	pCi/L
Plutonium-239	4/9	1.00E-02 - 7.60E-01	-2.31E-01 - 0.00E+00	L	2.79E-01	pCi/L
Plutonium-239/240	1/1	2.07E-02 - 2.07E-02		NT	1.04E-02	pCi/L
Radium-226	2/5	3.70E-01 - 6.00E-01	0.00E+00 - 0.00E+00	N	9.70E-02	pCi/L
Radon-222	38/38	1.20E+01 - 2.05E+03		N	4.60E+02	pCi/L
Technetium-99	313/333	1.00E+00 - 8.78E+02	-4.20E+00 - 5.53E+02	N	2.09E+02	pCi/L
Thorium-230	9/11	8.00E-02 - 8.00E-01	-2.68E-01 - 0.00E+00	N	1.96E-01	pCi/L
Uranium-234	9/11	3.40E-01 - 1.44E+01	3.00E-01 - 3.00E-01	L	1.84E+00	pCi/L
Uranium-235	5/8	9.12E-02 - 9.10E-01	1.52E-02 - 1.72E-02	L	1.63E-01	pCi/L
Uranium-235/236	4/5	1.00E-02 - 8.00E-02	-1.88E-01 --1.88E-01	N	-1.16E-02	pCi/L
Uranium-238	9/9	8.00E-02 - 3.48E+01		L	1.83E+01	pCi/L

AREA_CODE=c MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	9/16	2.76E-01 - 2.16E+01	1.00E-01 - 1.00E+00	L	1.59E+00	mg/L
Barium	32/33	3.50E-02 - 3.60E-01	7.00E-02 - 7.00E-02	N	1.04E-01	mg/L
Calcium	33/33	1.56E+01 - 3.99E+01		N	1.31E+01	mg/L
Chloride	33/33	2.20E+01 - 1.20E+02		N	2.84E+01	mg/L
Chromium	11/33	7.10E-02 - 8.62E+00	5.00E-02 - 6.00E-02	L	7.23E-02	mg/L
Copper	5/33	2.60E-02 - 1.31E-01	1.00E-02 - 1.00E-01	L	8.86E-03	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=c MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Fluoride	28/32	1.00E-01 - 2.40E-01	1.00E-01 - 1.00E-01	N	1.67E-01	mg/L
Iron	25/33	2.10E-01 - 6.64E+01	1.00E-02 - 3.60E-01	L	3.44E+00	mg/L
Magnesium	33/33	3.26E+00 - 1.43E+01		N	4.92E+00	mg/L
Manganese	27/33	1.10E-02 - 1.09E+00	2.00E-02 - 1.00E-01	L	1.94E-01	mg/L
Molybdenum	2/16	8.00E-02 - 1.00E-01	5.00E-02 - 1.00E-01	N	3.22E-02	mg/L
Nickel	10/33	1.10E-01 - 6.73E-01	5.00E-02 - 1.00E-01	L	9.02E-02	mg/L
Nitrate as Nitrogen	20/33	1.00E+00 - 3.00E+00	1.00E+00 - 1.00E+00	L	1.40E+00	mg/L
Potassium	5/30	2.90E+00 - 8.33E+00	2.00E+00 - 1.05E+01	L	2.87E+00	mg/L
Silica	16/16	1.10E+01 - 3.60E+01		L	1.06E+01	mg/L
Sodium	33/33	2.68E+01 - 8.74E+01		L	2.62E+01	mg/L
Sulfate	4/4	1.75E+01 - 3.35E+01		N	1.27E+01	mg/L
Tetraoxo-sulfate(1-)	29/29	3.80E+00 - 1.43E+02		L	1.35E+01	mg/L
Uranium	2/58	1.00E-03 - 1.00E-03	1.00E-03 - 1.00E-03	N	1.00E-03	mg/L
Vanadium	8/10	5.30E-02 - 1.31E-01	5.00E-02 - 5.00E-02	L	8.71E-02	mg/L
Zinc	11/33	1.10E-02 - 1.30E-01	5.00E-03 - 2.50E-01	L	2.01E-02	mg/L
1,1-Dichloroethene	2/72	8.00E-03 - 6.50E-02	5.00E-03 - 5.00E-01	L	4.48E-04	mg/L
Chloroform	2/72	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-01	L	5.28E-02	mg/L
Trichloroethene	78/112	1.00E-03 - 1.50E+00	1.00E-03 - 1.00E-03	N	3.50E-01	mg/L
cis-1,2-Dichloroethene	2/72	5.00E-03 - 9.80E-03	5.00E-03 - 5.00E-01	L	2.54E-03	mg/L
Alpha activity	91/111	1.00E-01 - 1.92E+01	-5.30E+00 --2.00E-01	L	3.06E+00	pCi/L
Beta activity	110/111	2.00E+00 - 2.02E+03	0.00E+00 - 0.00E+00	N	5.73E+01	pCi/L
Radon-222	16/16	2.36E+02 - 6.59E+03		L	4.69E+02	pCi/L
Technetium-99	108/113	1.00E+00 - 3.15E+03	-3.00E+00 - 0.00E+00	N	1.55E+02	pCi/L

AREA_CODE=c MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	6/6	2.94E-01 - 5.92E+00		N	9.61E-01	mg/L
Barium	6/6	6.40E-02 - 1.61E-01		N	5.02E-02	mg/L
Calcium	6/6	1.17E+01 - 3.45E+01		N	9.72E+00	mg/L
Chloride	5/5	1.00E+01 - 6.10E+01		N	1.13E+01	mg/L
Iron	6/6	1.39E-01 - 6.44E+00		N	9.26E-01	mg/L
Magnesium	6/6	4.08E+00 - 1.32E+01		N	3.48E+00	mg/L
Manganese	6/6	2.00E-02 - 3.22E-01		N	7.56E-02	mg/L
Nitrate as Nitrogen	2/5	1.20E+00 - 1.20E+00	1.00E+00 - 1.00E+00	N	5.40E-01	mg/L
Potassium	1/6	2.44E+00 - 2.44E+00	2.00E+00 - 2.00E+00	N	1.04E+00	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=c MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Silica	5/5	2.30E+01 - 6.40E+01		N	1.99E+01	mg/L
Sodium	6/6	2.07E+01 - 9.14E+01		N	2.59E+01	mg/L
Tetraoxo-sulfate(1-)	5/5	8.00E+00 - 1.28E+02		N	3.32E+01	mg/L
Uranium	2/10	1.00E-03 - 4.00E-03	1.00E-03 - 1.00E-03	N	1.30E-03	mg/L
Vanadium	4/6	5.60E-02 - 7.10E-02	5.00E-02 - 5.00E-02	N	2.95E-02	mg/L
Zinc	5/6	6.00E-03 - 6.90E-02	5.00E-03 - 5.00E-03	N	1.24E-02	mg/L
Benzene	1/7	1.00E-03 - 1.00E-03	5.00E-03 - 5.00E-03	N	2.21E-03	mg/L
Chloroform	6/8	5.00E-03 - 1.70E-02	5.00E-03 - 5.00E-03	L	8.46E-03	mg/L
Trichloroethene	5/22	1.00E-03 - 9.40E-02	1.00E-03 - 1.00E-03	L	4.39E-04	mg/L
Alpha activity	20/23	4.00E-01 - 1.33E+01	-3.10E+00 - 0.00E+00	L	4.14E+00	pCi/L
Beta activity	23/23	3.00E+00 - 9.50E+01		L	2.10E+01	pCi/L
Technetium-99	23/23	2.00E+00 - 9.40E+01		N	4.68E+01	pCi/L

AREA_CODE=d MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	5/9	1.08E-01 - 2.10E-01	1.00E-01 - 7.50E-01	L	1.70E-01	mg/L
Barium	13/13	1.32E-01 - 1.68E-01		N	7.62E-02	mg/L
Calcium	13/13	1.71E+01 - 2.18E+01		N	9.88E+00	mg/L
Chloride	13/13	6.90E+00 - 1.10E+01		L	4.15E+00	mg/L
Copper	2/13	1.60E-02 - 2.00E-02	1.00E-02 - 1.00E-01	L	1.07E-02	mg/L
Fluoride	11/11	1.60E-01 - 1.80E-01		N	1.73E-01	mg/L
Iron	13/13	2.34E+00 - 1.02E+01		L	3.01E+00	mg/L
Magnesium	13/13	6.40E+00 - 7.51E+00		L	3.41E+00	mg/L
Manganese	13/13	3.14E-01 - 5.14E-01		N	2.13E-01	mg/L
Potassium	9/12	4.37E+00 - 1.23E+01	1.05E+01 - 1.05E+01	N	4.08E+00	mg/L
Silica	9/9	2.30E+01 - 3.40E+01		L	1.41E+01	mg/L
Sodium	13/13	1.50E+01 - 2.10E+01		N	9.10E+00	mg/L
Tetraoxo-sulfate(1-)	10/10	2.50E+01 - 2.89E+01		N	1.36E+01	mg/L
Thallium	1/7	1.02E+00 - 1.02E+00	5.60E-02 - 4.70E-01	L	1.26E-01	mg/L
Vanadium	4/7	5.10E-02 - 6.60E-02	5.00E-02 - 5.00E-02	L	5.36E-02	mg/L
Zinc	12/13	3.70E-02 - 1.90E-01	2.50E-01 - 2.50E-01	L	1.10E-01	mg/L
Trichloroethene	1/15	3.00E-03 - 3.00E-03	1.00E-03 - 5.00E-03	L	1.35E-03	mg/L
Alpha activity	13/15	1.80E+00 - 6.70E+00	-7.00E-01 - 0.00E+00	N	1.38E+00	pCi/L
Beta activity	15/15	1.00E+00 - 4.70E+01		L	7.48E+00	pCi/L
Neptunium-237	4/7	1.00E-01 - 4.00E-01	-1.00E-01 - 0.00E+00	N	6.43E-02	pCi/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=d MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Plutonium-239	1/7	1.00E-01 - 1.00E-01	0.00E+00 - 0.00E+00	N	7.14E-03	pCi/L
Radium-226	6/6	1.00E-01 - 8.00E-01		N	2.17E-01	pCi/L
Radon-222	13/13	3.70E+01 - 1.45E+02		N	4.30E+01	pCi/L
Technetium-99	11/15	2.00E+00 - 2.30E+01	-7.00E+00 - 0.00E+00	L	1.15E+01	pCi/L
Thorium-230	5/7	1.00E-01 - 8.00E-01	0.00E+00 - 0.00E+00	L	3.74E-01	pCi/L

AREA_CODE=d MEDIA=Other Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Methylene chloride	1/1	5.00E-03 - 5.00E-03		NT	2.50E-03	mg/L

AREA_CODE=d MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	34/39	6.59E-02 - 1.33E+01	1.00E-01 - 7.50E-01	L	8.35E-01	mg/L
Arsenic	4/98	2.50E-03 - 1.20E-01	1.00E-03 - 5.00E-03	N	3.00E-03	mg/L
Barium	65/68	1.00E-02 - 6.86E-01	5.00E-02 - 7.00E-02	L	2.11E-01	mg/L
Beryllium	1/65	1.20E-03 - 1.20E-03	3.00E-04 - 2.50E-02	L	5.45E-03	mg/L
Cadmium	2/100	2.40E-03 - 3.70E-03	2.00E-03 - 1.00E-01	L	1.83E-03	mg/L
Calcium	66/66	2.88E+00 - 4.67E+01		L	1.05E+01	mg/L
Chloride	59/59	2.90E+00 - 1.73E+02		L	2.27E+01	mg/L
Chromium	15/95	2.40E-03 - 4.60E-01	2.00E-03 - 6.00E-02	N	3.02E-02	mg/L
Cobalt	7/65	4.60E-03 - 4.50E-02	2.40E-03 - 1.00E-01	N	2.23E-02	mg/L
Copper	6/67	4.10E-03 - 2.50E-02	2.00E-03 - 1.00E-01	L	4.46E-03	mg/L
Fluoride	39/58	1.00E-01 - 5.20E-01	1.00E-01 - 1.00E-01	N	1.39E-01	mg/L
Iron	54/69	2.60E-02 - 1.98E+01	1.00E-02 - 3.60E-01	L	1.40E+00	mg/L
Lead	13/88	2.40E-03 - 2.50E-01	1.00E-03 - 2.50E-01	N	5.84E-02	mg/L
Magnesium	69/69	8.79E-01 - 4.72E+01		L	4.80E+00	mg/L
Manganese	63/69	8.00E-03 - 6.32E+00	5.00E-03 - 5.00E-02	L	7.22E-01	mg/L
Nickel	22/70	7.40E-03 - 3.27E-01	4.20E-03 - 1.00E-01	L	4.89E-02	mg/L
Nitrate as Nitrogen	17/59	1.00E+00 - 2.20E+00	1.00E+00 - 1.00E+00	N	5.65E-01	mg/L
Potassium	25/61	1.25E+00 - 1.70E+01	2.00E+00 - 1.05E+01	L	3.06E+00	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=d MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Selenium	3/87	1.00E-03 - 4.90E-03	1.00E-03 - 1.50E-02	N	2.51E-03	mg/L
Silica	32/32	1.20E+01 - 4.40E+01		L	1.09E+01	mg/L
Silver	1/37	2.60E-03 - 2.60E-03	2.00E-03 - 6.00E-02	L	3.13E-02	mg/L
Sodium	69/69	3.71E+00 - 2.66E+02		L	1.14E+01	mg/L
Strontium	3/3	3.20E-01 - 3.33E-01		N	1.62E-01	mg/L
Tetraoxo-sulfate(1-)	37/54	1.80E+00 - 2.00E+01	5.00E+00 - 5.00E+00	L	7.06E+00	mg/L
Tin	1/1	8.00E-01 - 8.00E-01		NT	4.00E-01	mg/L
Uranium	6/120	1.00E-03 - 2.00E-02	1.00E-03 - 1.00E-02	N	1.79E-03	mg/L
Vanadium	17/35	1.40E-03 - 4.36E-01	1.00E-03 - 5.00E-02	L	3.26E-02	mg/L
Zinc	27/67	5.00E-03 - 8.28E-02	5.00E-03 - 2.50E-01	L	1.54E-02	mg/L
Bis(2-ethylhexyl)phthalate	2/7	1.00E-03 - 2.00E-03	9.00E-03 - 1.00E-02	L	1.68E-03	mg/L
Butyl benzyl phthalate	1/7	1.00E-03 - 1.00E-03	9.00E-03 - 1.00E-02	N	4.29E-03	mg/L
Di-n-butyl phthalate	1/7	2.10E-02 - 2.10E-02	1.00E-02 - 1.00E-02	N	5.79E-03	mg/L
Dimethylbenzene	1/114	2.20E+00 - 2.20E+00	5.00E-03 - 5.00E+00	N	4.08E-02	mg/L
Ethylbenzene	1/114	8.70E-01 - 8.70E-01	5.00E-03 - 2.50E+00	N	2.03E-02	mg/L
Methylene chloride	7/9	4.00E-03 - 1.30E-01	5.00E-03 - 5.00E-03	L	1.81E-02	mg/L
Tetrachloroethene	1/95	5.00E-03 - 5.00E-03	5.00E-03 - 2.50E+00	N	1.93E-02	mg/L
Trichloroethene	149/204	1.00E-03 - 2.30E+01	1.00E-03 - 5.00E-03	N	5.12E-01	mg/L
cis-1,2-Dichloroethene	8/95	1.80E-03 - 2.90E-02	5.00E-03 - 5.00E+00	N	8.92E-02	mg/L
Alpha activity	126/166	1.00E-01 - 1.13E+01	-4.70E+00 - 1.00E+03	N	2.81E+01	pCi/L
Americium-241	1/2	5.00E-01 - 5.00E-01	-1.30E+00 --1.30E+00	N	-2.00E-01	pCi/L
Beta activity	152/166	1.00E+00 - 1.00E+03	-3.00E+00 - 1.00E+03	N	3.45E+01	pCi/L
Cesium-137	3/4	1.00E-01 - 2.07E+01	1.81E+01 - 1.81E+01	N	4.97E+00	pCi/L
Cobalt-60	1/2	2.00E-01 - 2.00E-01	-3.00E-01 --3.00E-01	N	-2.50E-02	pCi/L
Neptunium-237	11/15	1.00E-01 - 5.00E-01	-3.00E-01 --2.00E-01	L	2.80E-01	pCi/L
Plutonium-239	1/15	2.00E-01 - 2.00E-01	0.00E+00 - 0.00E+00	N	6.67E-03	pCi/L
Radium-226	13/14	1.00E-01 - 2.00E+00	0.00E+00 - 0.00E+00	L	6.78E-01	pCi/L
Radon-222	44/44	7.10E+01 - 9.48E+03		L	2.99E+02	pCi/L
Technetium-99	168/214	4.00E-01 - 3.67E+02	-7.90E+00 - 8.80E-01	L	1.99E+01	pCi/L
Thorium-230	12/15	1.00E-01 - 1.00E+00	-3.00E-01 - 0.00E+00	N	1.53E-01	pCi/L
Uranium-234	6/7	3.44E-02 - 2.90E+00	9.00E-02 - 9.00E-02	L	3.89E-01	pCi/L
Uranium-235	4/6	4.00E-02 - 2.48E-01	3.00E-02 - 8.00E-02	N	1.08E-01	pCi/L
Uranium-238	4/7	9.00E-02 - 6.69E+00	7.00E-02 - 1.20E-01	L	3.54E-01	pCi/L

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Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=d MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	41/43	1.12E-01 - 6.24E+01	1.00E-01 - 1.00E+00	L	2.99E+00	mg/L
Ammonia as Nitrogen	2/4	6.00E-02 - 1.60E-01	3.00E-02 - 3.00E-02	N	3.50E-02	mg/L
Antimony	2/39	2.48E-02 - 2.57E-02	2.00E-02 - 1.85E-01	L	2.09E-02	mg/L
Arsenic	7/46	2.30E-03 - 2.20E-02	1.00E-03 - 5.00E-03	L	1.83E-03	mg/L
Barium	41/48	1.80E-02 - 8.88E-01	5.00E-02 - 7.00E-02	L	1.98E-01	mg/L
Beryllium	1/39	1.70E-03 - 1.70E-03	1.00E-03 - 1.50E-02	L	2.96E-03	mg/L
Cadmium	1/48	1.20E-02 - 1.20E-02	2.00E-03 - 1.00E-01	L	1.25E-02	mg/L
Calcium	38/38	1.50E+00 - 3.78E+02		L	3.12E+01	mg/L
Chloride	38/38	5.38E+00 - 3.10E+02		L	4.32E+01	mg/L
Chromium	9/40	2.70E-03 - 1.30E-01	5.00E-02 - 6.00E-02	N	2.53E-02	mg/L
Cobalt	7/39	4.40E-03 - 6.76E-02	4.50E-02 - 5.00E-02	N	2.24E-02	mg/L
Copper	12/38	2.00E-03 - 3.30E-02	1.00E-02 - 2.50E-02	L	8.57E-03	mg/L
Cyanide	2/5	5.00E-03 - 1.00E-02	3.00E-03 - 3.00E-03	N	2.40E-03	mg/L
Fluoride	23/38	1.00E-01 - 4.50E-01	2.00E-02 - 2.00E-01	L	1.74E-01	mg/L
Iron	47/47	5.90E-02 - 7.54E+01		L	2.80E+01	mg/L
Kjeldahl Nitrogen	3/4	6.78E-01 - 8.95E+00	8.00E+00 - 8.00E+00	N	2.39E+00	mg/L
Lead	7/39	3.30E-03 - 1.38E+00	1.00E-03 - 2.50E-01	L	1.05E-02	mg/L
Magnesium	47/47	5.85E-01 - 9.40E+01		L	1.46E+01	mg/L
Manganese	47/47	8.00E-03 - 2.70E+01		L	1.01E+01	mg/L
Mercury	1/28	2.00E-04 - 2.00E-04	2.00E-04 - 3.00E-04	N	1.02E-04	mg/L
Nickel	8/48	8.20E-03 - 9.30E-02	5.00E-02 - 1.00E-01	N	3.09E-02	mg/L
Nitrate as Nitrogen	12/34	1.20E+00 - 2.69E+01	1.00E+00 - 1.00E+00	L	1.16E+00	mg/L
Nitrate/Nitrite	2/4	1.30E-01 - 9.38E+00	5.00E-02 - 5.00E-02	N	1.20E+00	mg/L
Orthophosphate	3/3	1.50E-01 - 1.60E-01		N	7.83E-02	mg/L
Potassium	22/46	7.76E-01 - 2.98E+01	2.00E+00 - 2.00E+00	L	4.42E+00	mg/L
Selenium	5/29	1.70E-03 - 8.70E-03	1.00E-03 - 1.50E-02	L	1.96E-03	mg/L
Silica	38/38	9.00E+00 - 6.70E+01		L	1.17E+01	mg/L
Silver	2/11	3.30E-03 - 4.40E-03	2.00E-03 - 6.00E-02	L	2.40E-03	mg/L
Sodium	47/47	5.03E+00 - 2.79E+02		L	3.42E+01	mg/L
Strontium	9/10	7.46E-01 - 1.64E+00	1.21E+00 - 1.21E+00	L	1.12E+00	mg/L
Sulfate	3/4	1.20E+01 - 5.90E+01	3.00E+01 - 3.00E+01	N	1.51E+01	mg/L
Sulfide	3/4	1.20E+00 - 6.40E+01	1.00E+00 - 1.00E+00	N	8.53E+00	mg/L
Tetraoxo-sulfate(1-)	29/33	5.00E+00 - 6.95E+02	5.00E+00 - 5.00E+00	L	6.30E+01	mg/L
Uranium	19/45	1.00E-03 - 1.30E-01	1.00E-03 - 1.00E-03	N	2.48E-02	mg/L

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Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=d MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Vanadium	30/34	2.20E-03 - 7.11E-01	1.00E-03 - 5.00E-02	L	1.27E-01	mg/L
Zinc	19/39	2.70E-03 - 9.90E-02	5.00E-03 - 3.00E-02	L	1.43E-02	mg/L
1,1,1-Trichloroethane	2/24	3.00E-03 - 1.60E-02	5.00E-03 - 5.00E-01	L	1.86E-03	mg/L
1,1-Dichloroethane	1/23	8.00E-03 - 8.00E-03	5.00E-03 - 5.00E-01	L	6.84E-03	mg/L
1,1-Dichloroethene	7/29	7.00E-03 - 2.00E-01	5.00E-03 - 5.00E-01	L	3.35E-03	mg/L
1,2-Dichloroethane	1/23	2.00E-03 - 2.00E-03	5.00E-03 - 5.00E-01	L	6.68E-03	mg/L
1,2-Dichloroethene	1/7	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-03	N	2.50E-03	mg/L
Benzene	1/98	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-01	N	3.28E-02	mg/L
Dimethylbenzene	12/98	2.00E-01 - 2.80E+00	5.00E-03 - 5.00E-01	N	9.72E-02	mg/L
Ethylbenzene	14/99	3.20E-02 - 1.50E+00	5.00E-03 - 1.00E-01	N	6.99E-02	mg/L
Fluorene	1/12	7.00E-03 - 7.00E-03	5.00E-03 - 1.00E-02	L	3.86E-03	mg/L
Methylene chloride	6/6	5.00E-03 - 1.80E-02		N	3.92E-03	mg/L
Naphthalene	1/12	4.70E-02 - 4.70E-02	5.00E-03 - 1.00E-02	L	5.23E-03	mg/L
Phenanthrene	1/12	5.00E-03 - 5.00E-03	5.00E-03 - 1.00E-02	N	3.75E-03	mg/L
Trichloroethene	57/121	1.00E-03 - 9.80E+01	1.00E-03 - 1.00E-01	N	2.95E+00	mg/L
cis-1,2-Dichloroethene	2/18	8.00E-03 - 9.00E-03	5.00E-03 - 5.00E-01	L	2.98E-03	mg/L
Alpha activity	107/115	2.00E-01 - 5.75E+01	-5.00E+00 - 6.53E+00	L	7.60E+00	pCi/L
Beta activity	112/115	1.00E+00 - 1.00E+03	0.00E+00 - 1.15E+01	L	5.23E+01	pCi/L
Neptunium-237	1/2	2.37E+00 - 2.37E+00	8.00E-02 - 8.00E-02	N	6.13E-01	pCi/L
Plutonium-238	2/2	1.00E-01 - 1.10E-01		N	5.25E-02	pCi/L
Radon-222	5/5	1.35E+02 - 5.12E+02		N	1.58E+02	pCi/L
Technetium-99	103/118	1.00E+00 - 1.01E+03	-7.00E+00 - 7.50E-01	L	4.71E+01	pCi/L
Thorium-228	2/2	3.40E-01 - 6.40E-01		N	2.45E-01	pCi/L
Thorium-230	2/2	3.70E-01 - 6.90E-01		N	2.65E-01	pCi/L
Thorium-232	2/2	1.80E-01 - 4.90E-01		N	1.68E-01	pCi/L
Uranium-234	5/5	1.50E-01 - 1.84E+01		N	4.60E+00	pCi/L
Uranium-235	1/1	1.22E+00 - 1.22E+00		NT	1.22E+00	pCi/L
Uranium-238	4/5	4.50E-01 - 4.19E+01	2.10E-01 - 2.10E-01	N	9.35E+00	pCi/L

AREA_CODE=e MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	6/40	2.08E+00 - 9.04E+01	6.25E-01 - 1.00E+00	L	8.98E-02	mg/L
Arsenic	2/11	7.30E-03 - 3.60E-02	5.00E-03 - 5.00E-03	L	2.22E-03	mg/L
Barium	6/11	9.20E-02 - 6.70E-01	5.00E-02 - 7.00E-02	L	1.40E-01	mg/L
Beryllium	1/11	1.70E-02 - 1.70E-02	4.00E-03 - 2.50E-02	N	8.23E-03	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=e MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Cadmium	1/11	2.10E-02 - 2.10E-02	1.00E-02 - 1.00E-01	L	2.61E-02	mg/L
Calcium	41/41	4.20E+00 - 1.18E+02		L	4.08E+00	mg/L
Chloride	38/38	1.45E+01 - 2.42E+01		N	1.09E+01	mg/L
Chromium	2/9	5.60E-02 - 2.32E-01	5.00E-02 - 6.00E-02	L	3.82E-02	mg/L
Cobalt	1/11	1.21E-01 - 1.21E-01	4.50E-02 - 1.00E-01	L	3.18E-02	mg/L
Copper	3/11	1.30E-02 - 1.63E-01	2.50E-02 - 1.00E-01	L	2.47E-02	mg/L
Fluoride	20/20	1.40E-01 - 3.90E-01		N	2.85E-01	mg/L
Iron	41/41	5.04E+00 - 1.79E+02		L	1.33E+01	mg/L
Magnesium	41/41	2.14E+00 - 6.46E+01		L	2.20E+00	mg/L
Manganese	41/41	3.57E-01 - 3.91E+00		L	4.66E-01	mg/L
Nickel	2/11	1.07E-01 - 1.09E-01	5.00E-02 - 1.00E-01	N	4.85E-02	mg/L
Nitrate as Nitrogen	1/38	1.00E+00 - 1.00E+00	1.00E+00 - 1.00E+00	N	5.00E-01	mg/L
Potassium	27/40	4.54E+00 - 8.61E+01	5.00E+00 - 1.05E+01	L	1.27E+01	mg/L
Silica	30/30	1.10E+01 - 5.80E+01		N	1.87E+01	mg/L
Sodium	41/41	1.49E+01 - 7.65E+01		L	9.68E+00	mg/L
Sulfate	2/2	1.90E+01 - 1.17E+03		N	2.97E+02	mg/L
Tetraoxo-sulfate(1-)	36/36	9.60E+00 - 1.97E+01		N	8.48E+00	mg/L
Thallium	1/4	1.23E-01 - 1.23E-01	6.00E-02 - 4.70E-01	N	8.91E-02	mg/L
Total Phosphate as Phosphorus	1/35	5.20E+00 - 5.20E+00	2.00E+00 - 2.00E+00	N	1.05E+00	mg/L
Uranium	2/11	2.00E-03 - 1.80E-02	1.00E-03 - 1.00E-03	L	3.02E-04	mg/L
Vanadium	3/4	5.70E-02 - 8.36E-01	4.00E-02 - 4.00E-02	N	2.05E-01	mg/L
Zinc	8/11	2.60E-02 - 5.64E-01	1.00E-01 - 2.50E-01	L	9.88E-02	mg/L
Trichloroethene	5/52	2.00E-03 - 7.00E-03	1.00E-03 - 1.00E-02	N	1.46E-03	mg/L
Alpha activity	43/48	5.00E-01 - 1.07E+02	-1.80E+01 - -1.70E+00	L	5.20E+00	pCi/L
Beta activity	48/48	7.00E+00 - 2.36E+02		L	2.11E+01	pCi/L
Radon-222	31/31	1.43E+02 - 3.91E+02		N	1.29E+02	pCi/L
Technetium-99	40/53	1.00E+00 - 5.30E+01	-1.29E+01 - 0.00E+00	L	9.41E+00	pCi/L
Thorium-230	1/1	1.00E-01 - 1.00E-01		NT	5.00E-02	pCi/L

AREA_CODE=e MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	94/348	1.04E-01 - 4.81E+01	3.00E-02 - 1.00E+00	N	5.14E-01	mg/L
Arsenic	1/158	7.00E-03 - 7.00E-03	5.00E-03 - 5.00E-03	N	2.51E-03	mg/L
Barium	158/159	2.10E-02 - 4.98E-01	7.00E-02 - 7.00E-02	L	1.78E-01	mg/L
Beryllium	3/158	5.00E-03 - 6.00E-03	4.00E-03 - 2.50E-02	N	5.52E-03	mg/L

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Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=e MEDIA=RGA Groundwater
(continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Cadmium	2/159	1.00E-02 - 2.40E-02	1.00E-02 - 1.00E-01	N	1.41E-02	mg/L
Calcium	374/374	4.63E+00 - 7.82E+01		N	1.11E+01	mg/L
Chloride	345/345	6.00E+00 - 4.99E+01		N	1.64E+01	mg/L
Chromium	11/161	5.00E-02 - 1.12E-01	5.00E-02 - 6.00E-02	N	2.76E-02	mg/L
Cobalt	2/159	5.40E-02 - 8.10E-02	4.50E-02 - 1.00E-01	N	2.57E-02	mg/L
Copper	29/159	1.00E-02 - 1.87E+00	1.00E-02 - 1.00E-01	N	2.65E-02	mg/L
Fluoride	217/222	1.00E-01 - 6.50E-01	1.00E-01 - 1.00E-01	N	1.53E-01	mg/L
Iron	226/378	3.40E-02 - 2.91E+02	2.00E-01 - 5.00E-01	N	1.95E+00	mg/L
Lead	1/69	6.00E-02 - 6.00E-02	5.00E-02 - 2.50E-01	N	1.16E-01	mg/L
Magnesium	376/376	1.93E+00 - 1.42E+01		N	4.44E+00	mg/L
Manganese	158/375	1.10E-02 - 5.93E+00	5.00E-03 - 1.00E-01	N	5.22E-02	mg/L
Molybdenum	1/129	6.60E-02 - 6.60E-02	5.00E-02 - 1.00E-01	N	2.83E-02	mg/L
Nickel	21/160	3.30E-02 - 2.59E-01	1.00E-02 - 1.00E-01	N	4.01E-02	mg/L
Nitrate as Nitrogen	328/346	1.00E+00 - 1.42E+01	1.00E-01 - 1.00E+00	N	1.11E+00	mg/L
Potassium	44/353	1.40E+00 - 4.41E+01	2.00E+00 - 1.05E+01	N	3.09E+00	mg/L
Silica	207/208	8.00E+00 - 3.50E+01	5.00E+00 - 5.00E+00	N	8.59E+00	mg/L
Silver	1/59	3.90E-01 - 3.90E-01	5.00E-02 - 6.00E-02	N	3.14E-02	mg/L
Sodium	376/376	5.56E+00 - 6.30E+01		N	1.47E+01	mg/L
Sulfate	21/22	6.50E+00 - 3.56E+02	5.00E+00 - 5.00E+00	L	2.74E+01	mg/L
Tetraoxo-sulfate(1-)	323/323	3.00E+00 - 5.00E+01		N	8.67E+00	mg/L
Thallium	2/99	7.20E-02 - 1.00E-01	5.60E-02 - 4.70E-01	N	7.17E-02	mg/L
Total Phosphate as Phosphorus	3/248	2.20E+00 - 2.80E+00	2.00E+00 - 2.00E+00	N	1.00E+00	mg/L
Uranium	8/132	1.00E-03 - 1.20E-02	1.00E-03 - 1.00E-03	N	1.14E-03	mg/L
Vanadium	74/102	4.50E-02 - 2.76E-01	4.00E-02 - 2.50E-01	L	7.62E-02	mg/L
Zinc	69/161	7.00E-03 - 4.00E-01	5.00E-03 - 2.50E-01	L	2.67E-02	mg/L
2-Butanone	2/2	1.60E-02 - 1.70E-01		N	4.65E-02	mg/L
Acetone	1/1	1.40E-02 - 1.40E-02		NT	7.00E-03	mg/L
Dimethylbenzene	1/350	6.00E-03 - 6.00E-03	5.00E-03 - 1.00E+00	N	7.52E-02	mg/L
Trichloroethene	439/472	1.00E-03 - 1.67E+02	1.00E-03 - 1.00E-02	N	8.11E-01	mg/L
trans-1,2-Dichloroethene	1/422	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-01	N	7.56E-02	mg/L
Alpha activity	390/532	1.00E-01 - 1.88E+02	-6.18E+01 - 1.00E+03	L	4.84E+00	pCi/L
Beta activity	530/532	1.00E+00 - 1.81E+03	-4.00E+00 - -2.00E+00	N	1.66E+02	pCi/L
Cobalt-60	1/1	8.00E-01 - 8.00E-01		NT	4.00E-01	pCi/L
Neptunium-237	8/14	1.00E-01 - 5.00E-01	-3.00E-01 - 0.00E+00	N	1.07E-02	pCi/L
Plutonium-239	3/14	1.00E-01 - 1.00E-01	0.00E+00 - 0.00E+00	N	1.07E-02	pCi/L
Radium-226	1/1	2.00E-01 - 2.00E-01		NT	1.00E-01	pCi/L
Radon-222	255/255	5.10E+01 - 8.61E+02		N	1.95E+02	pCi/L
Technetium-99	526/547	1.00E+00 - 2.11E+03	-1.00E+00 - 2.50E+01	N	4.28E+02	pCi/L
Thorium-230	11/14	1.00E-01 - 1.60E+00	-4.00E-01 - 0.00E+00	N	2.14E-01	pCi/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=e MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	16/28	4.07E-01 - 8.00E+01	7.50E-01 - 1.00E+00	L	2.31E+00	mg/L
Arsenic	1/6	8.00E-03 - 8.00E-03	5.00E-03 - 5.00E-03	N	2.75E-03	mg/L
Barium	6/6	2.83E-01 - 1.01E+00		N	3.01E-01	mg/L
Calcium	27/28	1.55E+01 - 6.92E+01	2.00E+00 - 2.00E+00	L	2.40E+01	mg/L
Chloride	22/22	6.80E+00 - 2.13E+02		L	7.99E+00	mg/L
Chromium	1/6	1.30E-01 - 1.30E-01	5.00E-02 - 6.00E-02	N	3.25E-02	mg/L
Copper	1/6	1.00E-01 - 1.00E-01	1.00E-02 - 1.00E-01	N	3.50E-02	mg/L
Fluoride	5/5	3.70E-01 - 5.50E-01		N	4.68E-01	mg/L
Iron	23/28	3.37E-01 - 6.80E+01	2.00E-01 - 3.00E-01	L	2.59E+00	mg/L
Magnesium	27/28	6.10E+00 - 3.10E+01	1.00E-01 - 1.00E-01	N	4.38E+00	mg/L
Manganese	5/28	5.00E-02 - 1.60E-01	5.00E-02 - 1.00E-01	L	4.16E-02	mg/L
Nickel	2/6	1.45E-01 - 5.35E-01	1.00E-01 - 1.00E-01	N	9.00E-02	mg/L
Nitrate as Nitrogen	1/22	1.00E+00 - 1.00E+00	1.00E+00 - 1.00E+00	N	5.00E-01	mg/L
Potassium	2/28	2.20E+00 - 3.05E+00	5.00E+00 - 1.05E+01	L	2.81E+00	mg/L
Silica	26/26	2.80E+01 - 4.30E+01		N	1.84E+01	mg/L
Sodium	27/28	4.77E+01 - 1.45E+02	5.00E+00 - 5.00E+00	N	3.38E+01	mg/L
Sulfate	1/1	3.42E+01 - 3.42E+01		NT	1.71E+01	mg/L
Tetraoxo-sulfate(1-)	21/21	1.50E+01 - 4.16E+01		N	1.64E+01	mg/L
Uranium	4/5	1.00E-03 - 4.00E-03	1.00E-03 - 1.00E-03	N	2.20E-03	mg/L
Vanadium	3/3	1.95E-01 - 7.60E-01		N	2.05E-01	mg/L
Zinc	2/5	1.60E-02 - 1.60E-01	1.00E-01 - 2.50E-01	N	6.26E-02	mg/L
Trichloroethene	3/34	2.00E-03 - 4.00E-03	1.00E-03 - 1.00E-02	L	1.96E-04	mg/L
Alpha activity	33/34	1.00E-01 - 1.43E+01	-4.30E+00 --4.30E+00	L	4.07E+00	pCi/L
Beta activity	31/34	1.00E+00 - 4.00E+01	-3.00E+00 - 0.00E+00	L	1.18E+01	pCi/L
Radon-222	21/21	4.00E+01 - 2.53E+02		N	7.39E+01	pCi/L
Technetium-99	24/34	1.00E+00 - 1.80E+01	-9.40E+00 - 0.00E+00	N	5.32E+00	pCi/L

AREA_CODE=f MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	2/4	2.65E-01 - 3.93E-01	6.25E-01 - 7.50E-01	N	2.54E-01	mg/L
Barium	5/6	2.59E-01 - 3.54E-01	7.00E-02 - 7.00E-02	N	1.32E-01	mg/L
Calcium	6/6	1.92E+01 - 2.26E+01		N	1.03E+01	mg/L
Chloride	6/6	2.60E+00 - 5.00E+00		N	1.81E+00	mg/L
Fluoride	5/5	2.20E-01 - 2.70E-01		N	2.40E-01	mg/L
Iron	6/6	2.95E+00 - 1.04E+01		N	3.05E+00	mg/L
Magnesium	6/6	5.31E+00 - 6.20E+00		N	2.91E+00	mg/L

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Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=f MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Manganese	6/6	2.40E-01 - 3.50E-01		N	1.56E-01	mg/L
Potassium	5/5	1.75E+01 - 3.11E+01		N	1.11E+01	mg/L
Silica	4/4	1.60E+01 - 2.50E+01		N	1.00E+01	mg/L
Sodium	6/6	2.28E+01 - 2.92E+01		N	1.25E+01	mg/L
Tetraoxo-sulfate(1-)	6/6	6.90E+00 - 8.00E+00		N	3.70E+00	mg/L
Zinc	3/6	1.00E-02 - 3.40E-01	3.00E-02 - 2.50E-01	N	5.60E-02	mg/L
Alpha activity	13/13	1.00E+00 - 1.75E+01		L	2.79E+00	pCi/L
Beta activity	13/13	2.20E+01 - 2.34E+02		L	2.60E+01	pCi/L
Radon-222	4/4	1.73E+02 - 2.67E+02		N	1.14E+02	pCi/L
Technetium-99	9/13	1.00E+00 - 2.00E+01	-9.70E+00 - 0.00E+00	N	6.48E+00	pCi/L

AREA_CODE=f MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	48/93	1.11E-01 - 4.63E+01	6.20E-01 - 1.00E+00	L	4.44E-01	mg/L
Arsenic	1/104	1.28E-02 - 1.28E-02	5.00E-03 - 5.00E-03	N	2.54E-03	mg/L
Barium	97/98	6.60E-02 - 2.70E+00	5.00E-02 - 5.00E-02	L	2.60E-01	mg/L
Cadmium	3/106	1.00E-02 - 3.42E-01	1.00E-02 - 1.00E-01	N	2.51E-02	mg/L
Calcium	106/106	1.70E+01 - 7.00E+01		L	1.68E+01	mg/L
Chloride	105/105	2.70E+00 - 1.23E+02		N	4.01E+01	mg/L
Chromium	42/91	5.40E-02 - 9.16E-01	5.00E-02 - 6.00E-02	N	7.01E-02	mg/L
Copper	6/106	1.00E-02 - 3.78E-01	1.00E-02 - 1.00E-01	N	2.54E-02	mg/L
Fluoride	88/90	1.10E-01 - 2.30E-01	1.00E-01 - 1.80E-01	L	1.64E-01	mg/L
Iron	88/108	1.10E-02 - 7.44E+01	1.00E-02 - 3.60E-01	L	9.67E-01	mg/L
Magnesium	106/106	5.34E+00 - 2.27E+01		L	6.61E+00	mg/L
Manganese	58/106	5.00E-03 - 2.21E+00	5.00E-03 - 1.00E+00	L	5.01E-02	mg/L
Nickel	35/106	3.10E-02 - 4.48E-01	5.00E-02 - 1.00E-01	L	7.57E-02	mg/L
Nitrate as Nitrogen	82/97	1.00E+00 - 2.90E+00	1.00E+00 - 1.00E+00	L	1.70E+00	mg/L
Potassium	54/102	2.10E+00 - 1.97E+01	2.00E+00 - 1.05E+01	N	2.94E+00	mg/L
Silica	55/55	1.10E+01 - 5.20E+01		L	9.62E+00	mg/L
Sodium	105/106	2.91E+01 - 7.86E+01	5.00E+00 - 5.00E+00	N	2.26E+01	mg/L
Sulfate	21/22	5.00E+00 - 6.76E+01	5.00E+00 - 5.00E+00	L	1.48E+01	mg/L
Tetraoxo-sulfate(1-)	79/83	5.00E+00 - 1.60E+02	5.00E+00 - 5.00E+00	L	3.40E+01	mg/L
Uranium	1/70	3.00E-03 - 3.00E-03	1.00E-03 - 1.00E-03	N	1.03E-03	mg/L
Vanadium	43/45	5.50E-02 - 2.36E-01	5.00E-02 - 5.00E-02	N	6.80E-02	mg/L
Zinc	29/106	5.00E-03 - 3.82E-01	5.00E-03 - 2.50E-01	L	1.34E-02	mg/L

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Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=f MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,1-Dichloroethene	3/148	1.60E-03 - 2.00E-02	5.00E-03 - 5.00E+00	L	2.77E-03	mg/L
1,2-Dichloroethene	1/6	1.40E-02 - 1.40E-02	1.00E-02 - 5.00E-02	N	1.41E-02	mg/L
Bis(2-ethylhexyl)phthalate	1/1	2.80E-02 - 2.80E-02		NT	1.40E-02	mg/L
Carbon tetrachloride	2/175	2.00E-04 - 6.00E-04	5.00E-03 - 5.00E+00	L	4.56E-04	mg/L
Diethyl phthalate	1/1	1.10E-02 - 1.10E-02		NT	5.50E-03	mg/L
Trichloroethene	206/214	4.00E-03 - 2.40E+00	1.00E-03 - 3.10E-01	N	6.82E-01	mg/L
cis-1,2-Dichloroethene	6/170	7.00E-04 - 2.20E-02	5.00E-03 - 5.00E+00	L	3.89E-03	mg/L
trans-1,2-Dichloroethene	1/170	1.00E-04 - 1.00E-04	5.00E-03 - 5.00E+00	L	2.52E-01	mg/L
Alpha activity	154/218	1.00E-01 - 2.71E+01	-8.10E+00 - 1.00E+03	N	2.38E+01	pCi/L
Beta activity	205/218	1.00E+00 - 1.59E+02	-3.00E+00 - 1.00E+03	N	2.49E+01	pCi/L
Neptunium-237	5/6	1.00E-01 - 7.00E-01	0.00E+00 - 0.00E+00	N	1.08E-01	pCi/L
Plutonium-239	2/6	1.00E-01 - 2.00E-01	0.00E+00 - 0.00E+00	N	2.50E-02	pCi/L
Radon-222	13/13	2.57E+02 - 8.48E+02		L	2.28E+02	pCi/L
Technetium-99	176/222	8.00E-01 - 1.68E+02	-1.10E+01 - 2.50E+01	L	1.28E+01	pCi/L
Thorium-230	5/6	1.00E-01 - 6.00E-01	-3.00E-01 --3.00E-01	N	1.25E-01	pCi/L

AREA_CODE=f MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	2/2	5.23E+00 - 7.57E+00		N	3.20E+00	mg/L
Barium	3/3	1.60E-01 - 2.22E-01		N	9.48E-02	mg/L
Calcium	3/3	2.05E+01 - 2.27E+01		N	1.07E+01	mg/L
Chloride	3/3	1.13E+01 - 1.50E+01		N	6.72E+00	mg/L
Copper	2/3	1.00E-01 - 1.82E-01	1.00E-02 - 1.00E-02	N	4.87E-02	mg/L
Fluoride	3/3	2.40E-01 - 2.80E-01		N	2.63E-01	mg/L
Iron	3/3	4.60E+00 - 7.36E+00		N	2.84E+00	mg/L
Magnesium	3/3	8.51E+00 - 1.00E+01		N	4.55E+00	mg/L
Manganese	3/3	3.00E-02 - 1.25E-01		N	3.10E-02	mg/L
Nitrate as Nitrogen	2/3	1.10E+00 - 1.10E+00	1.00E+00 - 1.00E+00	N	5.33E-01	mg/L
Potassium	1/2	2.16E+00 - 2.16E+00	2.00E+00 - 2.00E+00	N	1.04E+00	mg/L
Silica	2/2	3.30E+01 - 3.80E+01		N	1.78E+01	mg/L
Sodium	3/3	4.54E+01 - 5.83E+01		N	2.69E+01	mg/L
Tetraoxo-sulfate(1-)	3/3	2.10E+01 - 4.96E+01		N	1.81E+01	mg/L
Vanadium	2/2	7.80E-02 - 8.10E-02		N	3.98E-02	mg/L
Zinc	3/3	1.60E-02 - 1.00E-01		N	2.33E-02	mg/L
Trichloroethene	1/8	2.00E-03 - 2.00E-03	1.00E-03 - 1.00E-03	N	1.13E-03	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=f MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Alpha activity	7/8	2.00E-01 - 1.15E+01	-6.40E+00 --6.40E+00	L	3.69E+00	pCi/L
Beta activity	8/8	4.00E+00 - 1.40E+01		N	4.25E+00	pCi/L
Radon-222	1/1	4.71E+02 - 4.71E+02		NT	2.36E+02	pCi/L
Technetium-99	4/8	2.10E+01 - 7.70E+01	0.00E+00 - 0.00E+00	L	4.11E+01	pCi/L

AREA_CODE=g MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	5/9	1.02E-01 - 2.16E-01	1.00E-01 - 7.50E-01	L	1.75E-01	mg/L
Arsenic	1/9	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-03	N	2.50E-03	mg/L
Barium	9/9	7.20E-02 - 1.11E-01		L	4.23E-02	mg/L
Calcium	9/9	8.43E+00 - 3.26E+01		L	9.18E+00	mg/L
Chloride	9/9	1.00E+01 - 1.30E+01		L	5.63E+00	mg/L
Copper	1/9	1.30E-02 - 1.30E-02	1.00E-02 - 1.00E-01	L	1.11E-02	mg/L
Fluoride	7/7	1.70E-01 - 2.10E-01		L	1.84E-01	mg/L
Iron	9/9	8.94E+00 - 1.64E+01		N	6.34E+00	mg/L
Magnesium	9/9	4.68E+00 - 7.79E+00		N	3.08E+00	mg/L
Manganese	9/9	5.11E-01 - 7.14E-01		L	3.03E-01	mg/L
Mercury	1/7	4.50E-03 - 4.50E-03	2.00E-04 - 2.00E-04	N	4.07E-04	mg/L
Nitrate as Nitrogen	1/9	1.30E+00 - 1.30E+00	1.00E+00 - 1.00E+00	N	5.17E-01	mg/L
Potassium	8/9	4.75E+00 - 1.39E+01	1.05E+01 - 1.05E+01	L	9.93E+00	mg/L
Silica	9/9	8.73E+00 - 3.00E+01		N	1.02E+01	mg/L
Sodium	9/9	2.19E+01 - 2.90E+01		L	1.29E+01	mg/L
Tetraoxo-sulfate(1-)	6/6	1.09E+01 - 1.70E+01		N	6.60E+00	mg/L
Vanadium	4/7	5.30E-02 - 6.40E-02	5.00E-02 - 5.00E-02	L	5.47E-02	mg/L
Zinc	4/9	5.00E-03 - 3.30E-02	5.00E-03 - 2.50E-01	L	1.41E-02	mg/L
Alpha activity	9/10	9.00E-01 - 6.90E+00	-1.60E+00 --1.60E+00	N	1.55E+00	pCi/L
Beta activity	10/10	1.00E+01 - 2.50E+01		L	7.62E+00	pCi/L
Neptunium-237	4/7	1.00E-01 - 5.00E-01	-4.00E-01 --1.00E-01	N	2.86E-02	pCi/L
Plutonium-239	2/7	1.00E-01 - 2.00E-01	0.00E+00 - 0.00E+00	L	1.68E-01	pCi/L
Radium-226	5/6	3.00E-01 - 1.30E+00	-7.00E-01 --7.00E-01	N	1.92E-01	pCi/L
Radon-222	9/9	6.70E+01 - 1.78E+02		L	5.38E+01	pCi/L
Technetium-99	6/10	4.00E+00 - 1.30E+01	0.00E+00 - 0.00E+00	L	7.88E+00	pCi/L
Thorium-230	4/7	1.00E-01 - 5.00E-01	-1.00E-01 - 0.00E+00	N	5.71E-02	pCi/L

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Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=g MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	25/31	1.23E-01 - 1.10E+01	6.20E-01 - 1.00E+00	L	1.00E+00	mg/L
Arsenic	1/36	5.20E-03 - 5.20E-03	5.00E-03 - 5.00E-03	N	2.50E-03	mg/L
Barium	35/36	8.80E-02 - 2.00E-01	7.00E-02 - 7.00E-02	N	6.55E-02	mg/L
Cadmium	1/36	1.20E-02 - 1.20E-02	1.00E-02 - 1.00E-01	L	1.09E-02	mg/L
Calcium	36/36	1.28E+01 - 3.19E+01		N	1.04E+01	mg/L
Chloride	33/33	1.20E+01 - 5.50E+01		N	1.82E+01	mg/L
Chromium	9/31	5.30E-02 - 9.26E-01	5.00E-02 - 6.00E-02	L	4.75E-02	mg/L
Copper	8/36	1.00E-02 - 1.20E-01	1.00E-02 - 1.00E-01	L	9.30E-03	mg/L
Fluoride	26/26	1.20E-01 - 2.70E-01		L	1.67E-01	mg/L
Iron	32/36	6.70E-02 - 1.88E+01	3.55E-01 - 3.60E-01	L	1.97E+00	mg/L
Lead	4/25	5.10E-02 - 1.29E-01	5.00E-02 - 2.50E-01	L	4.07E-02	mg/L
Magnesium	36/36	4.81E+00 - 1.08E+01		N	4.22E+00	mg/L
Manganese	24/36	5.00E-03 - 4.09E-01	5.00E-03 - 1.00E-01	L	3.96E-02	mg/L
Nickel	10/35	5.10E-02 - 1.66E+00	5.00E-02 - 1.00E-01	L	5.86E-02	mg/L
Nitrate as Nitrogen	32/33	1.60E+00 - 4.10E+00	1.00E+00 - 1.00E+00	N	1.29E+00	mg/L
Potassium	15/35	2.02E+00 - 5.51E+00	2.00E+00 - 1.05E+01	L	2.64E+00	mg/L
Silica	30/30	7.68E+00 - 3.00E+01		N	9.68E+00	mg/L
Sodium	34/34	1.33E+01 - 3.69E+01		N	1.40E+01	mg/L
Tetraoxo-sulfate(1-)	24/24	4.00E+00 - 1.10E+01		N	4.19E+00	mg/L
Uranium	1/69	2.00E-03 - 2.00E-03	1.00E-03 - 1.00E-03	N	1.01E-03	mg/L
Vanadium	21/26	5.00E-02 - 1.23E-01	4.00E-02 - 5.00E-02	L	7.62E-02	mg/L
Zinc	17/36	5.00E-03 - 5.30E+00	5.00E-03 - 2.50E-01	L	2.68E-02	mg/L
Trichloroethene	2/48	1.00E-03 - 1.00E-03	1.00E-03 - 5.00E-03	N	1.25E-03	mg/L
Alpha activity	147/205	1.00E-01 - 1.13E+01	-9.60E+00 - 1.00E+03	L	2.61E+00	pCi/L
Beta activity	174/205	1.00E+00 - 3.60E+01	-4.00E+00 - 1.00E+03	N	7.41E+00	pCi/L
Neptunium-237	11/21	1.00E-01 - 8.00E-01	-4.00E-01 - 0.00E+00	N	4.29E-02	pCi/L
Plutonium-239	4/21	1.00E-01 - 1.00E-01	0.00E+00 - 0.00E+00	N	9.52E-03	pCi/L
Radium-226	11/18	2.00E-01 - 1.30E+00	-1.00E+00 - 0.00E+00	L	5.50E-01	pCi/L
Radon-222	138/138	5.50E+01 - 1.97E+03		L	2.81E+02	pCi/L
Technetium-99	59/583	1.00E+00 - 2.90E+01	-3.90E+00 - 2.50E+01	N	2.24E+01	pCi/L
Thorium-230	17/21	1.00E-01 - 1.10E+00	0.00E+00 - 0.00E+00	N	2.10E-01	pCi/L

AREA_CODE=g MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	8/9	1.06E-01 - 2.22E+00	6.20E-01 - 6.20E-01	L	5.25E-01	mg/L
Barium	8/9	4.00E-02 - 6.20E-02	7.00E-02 - 7.00E-02	N	2.66E-02	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=g MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Calcium	9/9	5.36E+00 - 4.80E+01		L	1.02E+01	mg/L
Chloride	8/9	7.00E+00 - 6.88E+01	2.00E+00 - 2.00E+00	L	2.66E+01	mg/L
Chromium	2/9	7.00E-02 - 1.18E-01	5.00E-02 - 6.00E-02	L	4.17E-02	mg/L
Copper	2/9	1.00E-02 - 1.50E-02	1.00E-02 - 2.50E-02	L	9.32E-03	mg/L
Fluoride	6/8	1.00E-01 - 1.50E-01	1.00E-01 - 1.00E-01	L	1.24E-01	mg/L
Iron	6/9	1.60E-02 - 1.70E+00	1.00E-02 - 3.60E-01	L	2.08E-01	mg/L
Magnesium	9/9	2.75E+00 - 1.70E+01		L	3.98E+00	mg/L
Manganese	9/9	5.00E-03 - 1.50E+00		L	1.67E-01	mg/L
Nitrate as Nitrogen	6/9	2.80E+00 - 7.80E+00	1.00E+00 - 1.00E+00	N	2.03E+00	mg/L
Potassium	3/9	2.45E+00 - 8.10E+00	2.00E+00 - 2.00E+00	L	2.18E+00	mg/L
Silica	9/9	1.50E+01 - 3.00E+01		N	1.18E+01	mg/L
Sodium	9/9	7.56E+00 - 5.50E+01		L	1.29E+01	mg/L
Tetraoxo-sulfate(1-)	6/6	3.10E+01 - 2.38E+02		N	4.58E+01	mg/L
Vanadium	4/9	5.40E-02 - 1.40E-01	5.00E-02 - 5.00E-02	L	6.60E-02	mg/L
Zinc	4/9	7.00E-03 - 6.20E-02	5.00E-03 - 3.00E-02	L	1.21E-02	mg/L
Alpha activity	6/12	9.00E-01 - 4.70E+00	-3.10E+00 - 1.00E+03	L	2.88E+00	pCi/L
Beta activity	11/12	3.00E+00 - 3.30E+01	1.00E+03 - 1.00E+03	L	1.32E+01	pCi/L
Neptunium-237	2/7	2.00E-01 - 2.00E-01	-5.00E-01 - 0.00E+00	N	-5.71E-02	pCi/L
Plutonium-239	1/7	2.00E-01 - 2.00E-01	0.00E+00 - 0.00E+00	N	1.43E-02	pCi/L
Radium-226	4/6	4.00E-01 - 1.60E+00	-9.00E-01 - -8.00E-01	N	1.17E-01	pCi/L
Radon-222	7/7	3.72E+02 - 6.95E+02		L	2.65E+02	pCi/L
Technetium-99	11/11	5.00E+00 - 3.80E+01		N	1.99E+01	pCi/L
Thorium-230	3/7	3.00E-01 - 4.00E-01	0.00E+00 - 0.00E+00	N	7.86E-02	pCi/L

AREA_CODE=h MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	6/9	1.14E-01 - 3.44E-01	6.25E-01 - 7.50E-01	L	2.41E-01	mg/L
Barium	9/10	1.46E-01 - 1.71E-01	7.00E-02 - 7.00E-02	N	7.36E-02	mg/L
Calcium	10/10	2.41E+01 - 2.98E+01		L	1.33E+01	mg/L
Chloride	10/10	8.80E+00 - 1.10E+01		L	4.86E+00	mg/L
Fluoride	9/9	2.10E-01 - 3.30E-01		N	2.98E-01	mg/L
Iron	10/10	1.68E+00 - 6.14E+00		L	1.55E+00	mg/L
Magnesium	10/10	7.84E+00 - 9.76E+00		N	4.48E+00	mg/L
Manganese	10/10	8.20E-02 - 1.41E-01		N	5.65E-02	mg/L
Nitrate as Nitrogen	1/10	1.40E+00 - 1.40E+00	1.00E+00 - 1.00E+00	N	5.20E-01	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=h MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Potassium	9/10	5.80E+00 - 1.44E+01	1.05E+01 - 1.05E+01	L	9.23E+00	mg/L
Silica	9/9	1.60E+01 - 3.60E+01		N	1.46E+01	mg/L
Sodium	10/10	1.41E+01 - 1.72E+01		L	7.64E+00	mg/L
Tetraoxo-sulfate(1-)	8/8	1.00E+01 - 1.40E+01		L	5.57E+00	mg/L
Vanadium	6/7	5.20E-02 - 9.70E-02	5.00E-02 - 5.00E-02	N	3.59E-02	mg/L
Zinc	4/10	6.00E-03 - 1.90E-02	5.00E-03 - 2.50E-01	L	1.04E-02	mg/L
Alpha activity	9/12	9.00E-01 - 1.89E+01	-3.30E+00 --1.20E+00	L	5.55E+00	pCi/L
Beta activity	12/12	3.00E+00 - 3.10E+01		N	7.41E+00	pCi/L
Neptunium-237	2/7	1.00E-01 - 2.00E-01	-7.00E-01 --1.00E-01	L	1.68E-01	pCi/L
Plutonium-239	1/7	1.00E-01 - 1.00E-01	0.00E+00 - 0.00E+00	N	7.14E-03	pCi/L
Radium-226	6/7	2.00E-01 - 1.30E+00	-6.00E-01 --6.00E-01	L	7.01E-01	pCi/L
Radon-222	9/9	1.30E+02 - 3.33E+02		N	1.09E+02	pCi/L
Technetium-99	9/12	1.00E+00 - 2.10E+01	0.00E+00 - 0.00E+00	L	8.10E+00	pCi/L
Thorium-230	4/7	1.00E-01 - 2.30E+00	0.00E+00 - 0.00E+00	L	5.62E-01	pCi/L

AREA_CODE=h MEDIA=Other Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	24/28	1.16E-01 - 1.41E+00	6.20E-01 - 6.30E-01	L	3.32E-01	mg/L
Antimony	1/28	6.40E-02 - 6.40E-02	6.00E-02 - 1.85E-01	L	3.82E-02	mg/L
Barium	25/28	3.80E-02 - 1.47E-01	7.00E-02 - 2.00E-01	N	4.98E-02	mg/L
Calcium	28/28	7.99E+00 - 1.91E+01		N	7.39E+00	mg/L
Chloride	28/28	5.00E+00 - 5.90E+01		N	1.71E+01	mg/L
Chromium	1/28	9.40E-02 - 9.40E-02	1.00E-02 - 6.00E-02	N	2.58E-02	mg/L
Copper	5/27	1.20E-02 - 4.80E-02	1.00E-02 - 2.50E-02	L	7.38E-03	mg/L
Fluoride	27/27	1.50E-01 - 2.90E+00		L	8.44E-01	mg/L
Iron	21/28	1.60E-02 - 3.83E+00	1.00E-02 - 3.60E-01	L	2.42E-01	mg/L
Magnesium	28/28	2.85E+00 - 7.12E+00		N	2.79E+00	mg/L
Manganese	12/28	7.00E-03 - 6.02E+00	5.00E-03 - 2.00E-02	L	1.27E-02	mg/L
Mercury	1/26	3.80E-03 - 3.80E-03	2.00E-04 - 2.00E-04	N	1.69E-04	mg/L
Nickel	2/28	5.60E-02 - 7.20E-02	5.00E-02 - 1.00E-01	L	3.31E-02	mg/L
Nitrate as Nitrogen	25/28	1.10E+00 - 4.60E+00	1.00E+00 - 1.00E+00	L	2.48E+00	mg/L
Potassium	1/28	3.88E+00 - 3.88E+00	2.00E+00 - 2.00E+00	N	1.03E+00	mg/L
Silica	28/28	6.00E+00 - 2.20E+01		N	7.57E+00	mg/L
Sodium	28/28	5.06E+01 - 8.97E+01		L	3.36E+01	mg/L
Tetraoxo-sulfate(1-)	19/19	6.00E+00 - 4.88E+01		L	9.55E+00	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=h MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Thallium	1/28	7.50E-02 - 7.50E-02	1.00E-02 - 4.70E-01	L	5.35E-02	mg/L
Vanadium	18/28	5.10E-02 - 4.98E+00	4.10E-02 - 5.00E-02	L	8.08E-02	mg/L
Zinc	13/28	6.00E-03 - 3.80E-02	5.00E-03 - 3.00E-02	L	1.30E-02	mg/L
Alpha activity	21/28	4.00E-01 - 7.40E+00	-6.70E+00 --2.00E-01	L	2.56E+00	pCi/L
Beta activity	28/28	1.00E+00 - 1.30E+01		L	2.56E+00	pCi/L
Neptunium-237	10/28	1.00E-01 - 8.00E-01	-1.00E+00 - 0.00E+00	L	3.47E-01	pCi/L
Plutonium-239	6/27	1.00E-01 - 1.00E-01	0.00E+00 - 0.00E+00	N	1.11E-02	pCi/L
Radium-226	19/24	1.00E-01 - 9.00E-01	-1.00E+00 - 0.00E+00	L	4.25E-01	pCi/L
Radon-222	28/28	3.20E+02 - 5.29E+03		L	3.46E+02	pCi/L
Technetium-99	20/28	2.00E+00 - 2.20E+01	0.00E+00 - 0.00E+00	L	1.18E+01	pCi/L
Thorium-230	23/28	1.00E-01 - 1.60E+00	-5.00E-01 - 0.00E+00	N	2.20E-01	pCi/L

AREA_CODE=h MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	6/8	1.51E-01 - 2.31E+00	6.25E-01 - 7.50E-01	L	1.10E+00	mg/L
Arsenic	1/10	7.00E-03 - 7.00E-03	5.00E-03 - 5.00E-03	N	2.60E-03	mg/L
Barium	10/11	3.00E-02 - 2.82E-01	7.00E-02 - 7.00E-02	N	7.26E-02	mg/L
Calcium	11/11	1.43E+01 - 5.65E+01		L	1.44E+01	mg/L
Chloride	9/9	4.70E+01 - 1.09E+02		N	3.58E+01	mg/L
Chromium	3/8	6.20E-02 - 2.32E-01	5.00E-02 - 6.00E-02	L	6.62E-02	mg/L
Copper	2/11	3.50E-02 - 5.30E-02	1.00E-02 - 1.00E-01	L	9.52E-03	mg/L
Fluoride	7/7	2.10E-01 - 2.60E-01		N	2.36E-01	mg/L
Iron	10/11	3.00E-02 - 4.68E+01	3.55E-01 - 3.55E-01	L	2.33E+00	mg/L
Magnesium	11/11	6.51E+00 - 1.87E+01		L	5.75E+00	mg/L
Manganese	9/11	5.00E-03 - 1.42E-01	5.00E-03 - 2.00E-02	N	3.16E-02	mg/L
Nickel	2/11	5.00E-02 - 6.50E-02	5.00E-02 - 1.00E-01	L	5.04E-02	mg/L
Nitrate as Nitrogen	9/9	2.20E+00 - 3.83E+01		L	4.28E+00	mg/L
Potassium	1/11	2.20E+00 - 2.20E+00	2.00E+00 - 1.05E+01	L	2.04E+00	mg/L
Silica	7/7	1.30E+01 - 2.00E+01		N	8.50E+00	mg/L
Sodium	10/10	3.71E+01 - 6.96E+01		L	2.67E+01	mg/L
Tetraoxo-sulfate(1-)	9/9	5.00E+00 - 2.26E+01		N	6.74E+00	mg/L
Uranium	2/24	2.00E-03 - 1.60E-02	1.00E-03 - 1.00E-03	L	4.54E-05	mg/L
Vanadium	4/5	6.40E-02 - 1.47E-01	5.00E-02 - 5.00E-02	N	4.76E-02	mg/L
Zinc	4/11	8.00E-03 - 4.40E-02	5.00E-03 - 2.50E-01	L	1.16E-02	mg/L
Trichloroethene	2/28	1.00E-03 - 3.00E-03	1.00E-03 - 1.00E-03	N	1.07E-03	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=h MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
cis-1,2-Dichloroethene	1/10	2.40E-03 - 2.40E-03	5.00E-03 - 5.00E-03	N	4.74E-03	mg/L
Alpha activity	125/173	1.00E-01 - 3.14E+01	-1.05E+01 - 1.00E+03	L	2.26E+00	pCi/L
Beta activity	147/173	4.20E-01 - 5.70E+01	-7.00E+00 - 1.00E+03	L	7.60E+00	pCi/L
Radon-222	57/57	8.00E-01 - 1.06E+03		N	1.42E+02	pCi/L
Technetium-99	97/415	2.00E-01 - 3.40E+01	-1.51E+01 - 2.50E+01	N	1.79E+01	pCi/L

AREA_CODE=h MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	2/2	2.41E-01 - 1.64E+00		N	4.70E-01	mg/L
Barium	3/3	9.30E-02 - 1.12E-01		N	5.08E-02	mg/L
Calcium	3/3	2.25E+01 - 2.63E+01		N	1.24E+01	mg/L
Chloride	3/3	2.03E+01 - 3.30E+01		N	1.36E+01	mg/L
Fluoride	3/3	2.10E-01 - 2.30E-01		N	2.20E-01	mg/L
Iron	3/3	2.34E-01 - 2.01E+00		N	6.81E-01	mg/L
Magnesium	3/3	8.40E+00 - 9.45E+00		N	4.47E+00	mg/L
Manganese	3/3	3.70E-02 - 7.80E-02		N	2.58E-02	mg/L
Nickel	3/3	2.40E-01 - 5.70E-01		N	1.82E-01	mg/L
Nitrate as Nitrogen	3/3	1.20E+00 - 2.80E+00		N	9.33E-01	mg/L
Potassium	2/3	3.11E+00 - 5.14E+00	1.05E+01 - 1.05E+01	N	3.13E+00	mg/L
Silica	2/2	2.40E+01 - 3.90E+01		N	1.58E+01	mg/L
Sodium	3/3	4.46E+01 - 4.52E+01		N	2.25E+01	mg/L
Tetraoxo-sulfate(1-)	3/3	1.50E+01 - 4.10E+01		N	1.34E+01	mg/L
Vanadium	2/2	8.00E-02 - 8.00E-02		N	4.00E-02	mg/L
Zinc	1/3	1.80E-02 - 1.80E-02	5.00E-03 - 3.00E-02	N	8.83E-03	mg/L
Alpha activity	8/11	1.10E+00 - 5.40E+00	-4.50E+00 - 1.00E+03	L	3.03E+00	pCi/L
Beta activity	11/11	3.00E+00 - 1.50E+01		L	3.91E+00	pCi/L
Radon-222	1/1	2.68E+02 - 2.68E+02		NT	1.34E+02	pCi/L
Technetium-99	8/11	3.00E+00 - 2.20E+01	0.00E+00 - 0.00E+00	N	9.73E+00	pCi/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=i MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	2/2	2.04E-01 - 3.84E-01		N	1.47E-01	mg/L
Barium	3/3	1.10E-01 - 1.45E-01		N	6.57E-02	mg/L
Calcium	3/3	3.84E+01 - 4.10E+01		N	1.97E+01	mg/L
Chloride	3/3	1.37E+01 - 3.10E+01		N	1.01E+01	mg/L
Fluoride	3/3	2.10E-01 - 2.50E-01		N	2.30E-01	mg/L
Iron	2/3	2.22E-01 - 4.01E-01	3.60E-01 - 3.60E-01	N	1.64E-01	mg/L
Magnesium	3/3	1.53E+01 - 1.76E+01		N	8.23E+00	mg/L
Manganese	3/3	1.80E-01 - 9.83E-01		N	3.48E-01	mg/L
Nitrate as Nitrogen	1/3	2.30E+00 - 2.30E+00	1.00E+00 - 1.00E+00	N	7.17E-01	mg/L
Potassium	3/3	3.82E+00 - 1.14E+01		N	3.22E+00	mg/L
Silica	2/2	2.60E+01 - 2.80E+01		N	1.35E+01	mg/L
Sodium	3/3	2.25E+01 - 2.44E+01		N	1.17E+01	mg/L
Tetraoxo-sulfate(1-)	3/3	1.30E+01 - 1.80E+01		N	7.97E+00	mg/L
Uranium	1/7	1.00E-03 - 1.00E-03	1.00E-03 - 1.00E-03	N	1.00E-03	mg/L
Vanadium	1/2	1.87E-01 - 1.87E-01	5.00E-02 - 5.00E-02	N	5.93E-02	mg/L
Alpha activity	7/10	7.00E-01 - 4.10E+00	-3.60E+00 --4.90E-01	L	2.13E+00	pCi/L
Beta activity	10/10	4.00E+00 - 2.10E+01		L	5.57E+00	pCi/L
Radon-222	1/1	6.40E+01 - 6.40E+01		NT	3.20E+01	pCi/L
Technetium-99	8/10	3.00E+00 - 2.20E+01	-2.00E+00 - 0.00E+00	L	9.73E+00	pCi/L

AREA_CODE=i MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	86/110	2.80E-02 - 4.85E+01	2.00E-02 - 6.20E-01	L	8.09E-01	mg/L
Antimony	6/412	1.70E-03 - 2.73E-01	1.30E-03 - 2.50E-01	N	7.88E-02	mg/L
Arsenic	17/476	1.80E-03 - 3.60E-02	5.00E-03 - 5.00E-03	N	2.62E-03	mg/L
Barium	454/476	2.40E-02 - 1.66E+00	3.50E-02 - 7.00E-02	N	9.64E-02	mg/L
Beryllium	28/412	2.00E-04 - 8.00E-03	1.00E-04 - 2.50E-02	N	7.54E-03	mg/L
Bicarbonate	3/3	1.81E+02 - 2.37E+02		N	1.01E+02	mg/L
Boron	34/48	3.00E-02 - 1.54E+00	3.00E-02 - 3.00E-02	L	1.63E-01	mg/L
Cadmium	7/483	1.00E-04 - 1.80E-02	5.00E-04 - 2.50E-02	N	3.73E-03	mg/L
Calcium	147/148	5.79E+00 - 6.85E+01	2.06E+01 - 2.06E+01	L	2.89E+01	mg/L
Cerium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	N	4.00E-02	mg/L
Chloride	480/483	9.00E+00 - 1.62E+02	2.00E+01 - 2.00E+01	N	1.95E+01	mg/L
Chromium	195/488	3.10E-03 - 2.51E+01	2.00E-03 - 1.32E+00	N	2.07E-01	mg/L
Cobalt	36/412	3.40E-03 - 8.40E-02	5.00E-03 - 1.00E-01	N	2.74E-02	mg/L
Copper	42/478	4.00E-03 - 3.10E-01	4.00E-03 - 1.00E-01	N	2.83E-02	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=i MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Fluoride	169/175	1.00E-01 - 7.10E-01	1.00E-01 - 1.00E-01	L	2.01E-01	mg/L
Gallium	24/48	9.00E-02 - 9.00E-02	9.00E-02 - 9.00E-02	N	4.50E-02	mg/L
Iron	419/484	1.00E-02 - 1.69E+02	5.00E-03 - 2.88E+00	L	2.54E+00	mg/L
Lead	8/445	4.00E-03 - 1.26E-01	3.00E-03 - 2.50E-01	N	2.88E-02	mg/L
Lithium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	N	4.00E-02	mg/L
Magnesium	148/148	1.31E+00 - 3.49E+01		N	5.12E+00	mg/L
Manganese	121/148	7.00E-03 - 1.49E+01	5.00E-03 - 2.00E-02	L	1.05E-01	mg/L
Mercury	2/434	3.00E-04 - 3.00E-04	2.00E-04 - 2.00E-03	N	1.21E-04	mg/L
Molybdenum	24/87	3.00E-02 - 3.00E-02	3.00E-02 - 5.50E-02	N	1.96E-02	mg/L
Nickel	161/478	1.00E-02 - 1.89E+00	1.00E-02 - 1.00E-01	N	6.74E-02	mg/L
Nitrate as Nitrogen	391/477	6.20E-01 - 4.80E+00	1.00E+00 - 1.00E+00	N	7.73E-01	mg/L
Potassium	69/133	1.39E+00 - 2.21E+01	2.00E+00 - 1.05E+01	N	2.17E+00	mg/L
Selenium	3/444	5.00E-03 - 9.00E-03	1.40E-03 - 1.00E-02	N	2.50E-03	mg/L
Silica	22/22	9.00E+00 - 3.40E+01		N	1.09E+01	mg/L
Silver	15/437	1.00E-03 - 9.70E-02	7.00E-04 - 6.00E-02	N	2.05E-02	mg/L
Sodium	477/477	1.99E+01 - 7.64E+01		L	2.04E+01	mg/L
Strontium	54/54	6.50E-02 - 1.70E-01		L	5.77E-02	mg/L
Sulfate	73/88	5.40E+00 - 2.21E+02	5.00E+00 - 1.00E+01	L	3.13E+01	mg/L
Tetraoxo-sulfate(1-)	104/113	5.00E+00 - 3.98E+02	5.00E+00 - 5.00E+00	N	1.18E+01	mg/L
Thorium	24/48	5.00E-02 - 5.00E-02	5.00E-02 - 5.00E-02	N	2.50E-02	mg/L
Titanium	27/48	6.00E-02 - 2.20E-01	6.00E-02 - 6.00E-02	N	3.31E-02	mg/L
Uranium	13/506	1.00E-03 - 2.40E-02	1.00E-03 - 1.00E-03	N	1.07E-03	mg/L
Vanadium	117/385	4.00E-03 - 4.28E-01	5.00E-03 - 5.00E-01	N	6.69E-02	mg/L
Zinc	128/476	5.00E-03 - 4.60E-01	5.00E-03 - 5.00E-01	N	5.22E-02	mg/L
Zirconium	24/48	2.00E-02 - 2.00E-02	2.00E-02 - 2.00E-02	N	1.00E-02	mg/L
1,1,1-Trichloroethane	1/508	4.00E-03 - 4.00E-03	5.00E-05 - 1.00E-02	N	2.39E-03	mg/L
1,2-Dichlorobenzene	1/342	5.70E-05 - 5.70E-05	5.00E-05 - 2.00E-02	N	2.44E-03	mg/L
1,2-Dichloroethene	4/23	1.00E-03 - 2.00E-03	1.00E-03 - 1.00E-02	L	9.49E-04	mg/L
1,3,5-Trimethylbenzene	1/1	2.00E-04 - 2.00E-04		NT	1.00E-04	mg/L
1,4-Dichlorobenzene	1/342	6.20E-05 - 6.20E-05	5.00E-05 - 2.00E-02	N	2.44E-03	mg/L
2-Butanone	42/372	2.00E-03 - 5.10E-02	5.00E-03 - 1.00E-01	N	7.53E-03	mg/L
4-Bromofluorobenzene	2/2	9.40E-02 - 9.40E-02		N	4.70E-02	mg/L
4-Methyl-2-pentanone	2/404	2.00E-03 - 1.70E-02	2.00E-03 - 1.00E-01	N	7.01E-03	mg/L
Acetone	53/372	1.00E-03 - 9.90E-02	2.00E-03 - 1.00E-01	N	7.06E-03	mg/L
Acrylonitrile	1/378	1.00E-02 - 1.00E-02	1.00E-03 - 2.00E-01	N	1.51E-02	mg/L
Benzene	2/505	1.40E-04 - 1.00E-03	5.00E-05 - 5.00E-03	N	2.30E-03	mg/L
Bis(2-ethylhexyl)phthalate	4/22	5.00E-04 - 9.00E-03	1.00E-02 - 2.00E-02	N	4.57E-03	mg/L
Bromomethane	3/404	5.50E-05 - 1.00E-03	5.00E-05 - 1.00E-02	N	2.53E-03	mg/L
Carbazole	1/2	1.20E-02 - 1.20E-02	1.00E-02 - 1.00E-02	N	5.50E-03	mg/L
Chlorobenzene	2/404	4.60E-05 - 1.00E-03	5.00E-05 - 1.00E-02	N	2.36E-03	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=i MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Chloroethane	1/404	1.00E-03 - 1.00E-03	5.00E-05 - 1.00E-02	N	2.61E-03	mg/L
Chloroform	10/524	4.90E-05 - 2.00E-03	5.00E-05 - 5.00E-03	N	2.34E-03	mg/L
Chloromethane	14/404	5.70E-05 - 2.00E-03	5.00E-05 - 1.50E-02	N	2.59E-03	mg/L
Chrysene	1/22	6.00E-04 - 6.00E-04	1.00E-02 - 2.00E-02	N	5.01E-03	mg/L
Di-n-butyl phthalate	2/22	1.00E-02 - 1.00E-02	1.00E-02 - 2.00E-02	N	5.23E-03	mg/L
Dichlorodifluoromethane	1/404	7.40E-05 - 7.40E-05	5.00E-05 - 5.00E-03	N	2.25E-03	mg/L
Dimethylbenzene	2/505	1.00E-03 - 3.00E-03	5.00E-05 - 1.50E-02	N	3.14E-03	mg/L
Ethanol	7/340	7.00E-03 - 3.50E-01	5.00E-02 - 1.00E+00	N	1.58E-01	mg/L
Ethylbenzene	1/505	1.00E-03 - 1.00E-03	5.00E-05 - 1.00E-02	N	2.39E-03	mg/L
Methylene chloride	39/404	4.60E-05 - 1.80E-02	5.00E-05 - 1.00E-02	N	3.43E-03	mg/L
PCB-1254	1/20	9.00E-04 - 9.00E-04	1.00E-04 - 5.90E-04	N	3.27E-04	mg/L
Polychlorinated biphenyl	1/87	1.00E-04 - 1.00E-04	1.00E-04 - 1.70E-04	N	1.01E-04	mg/L
Tetrachloroethene	4/460	6.90E-05 - 2.00E-03	5.00E-05 - 1.00E-02	N	2.37E-03	mg/L
Toluene	15/505	4.70E-05 - 9.00E-03	5.00E-05 - 5.00E-03	N	2.33E-03	mg/L
Trichloroethene	317/611	6.50E-05 - 4.70E-02	1.00E-03 - 1.00E-02	N	3.66E-03	mg/L
Trichlorofluoromethane	7/404	5.50E-05 - 2.00E-03	5.00E-05 - 1.00E-02	N	2.37E-03	mg/L
Vinyl chloride	1/526	1.00E-03 - 1.00E-03	5.00E-05 - 1.00E-02	N	3.38E-03	mg/L
cis-1,2-Dichloroethene	13/451	5.10E-05 - 2.00E-03	5.00E-05 - 7.00E-02	N	6.07E-03	mg/L
m,p-Xylene	3/12	4.60E-05 - 1.50E-04	1.00E-04 - 1.00E-04	N	4.80E-05	mg/L
trans-1,2-Dichloroethene	2/516	5.40E-05 - 2.00E-03	5.00E-05 - 1.00E-01	N	6.51E-03	mg/L
trans-1,3-Dichloropropene	1/404	1.70E-04 - 1.70E-04	5.00E-05 - 1.00E-02	N	2.53E-03	mg/L
Alpha activity	424/612	1.00E-01 - 3.13E+01	-4.40E+01 - 1.00E+03	N	4.68E+01	pCi/L
Americium-241	3/7	1.00E-01 - 8.00E-01	-1.90E+00 --3.00E-01	N	-1.64E-01	pCi/L
Beta activity	608/642	1.00E+00 - 1.35E+03	-3.00E+00 - 1.00E+03	N	4.17E+01	pCi/L
Cesium-137	5/7	1.00E-01 - 6.00E-01	-4.00E-01 - 0.00E+00	N	9.29E-02	pCi/L
Cobalt-60	5/7	1.00E-01 - 1.20E+00	-4.00E-01 - 0.00E+00	N	1.71E-01	pCi/L
Neptunium-237	2/3	1.00E-01 - 5.00E-01	-9.41E-04 --9.41E-04	N	9.98E-02	pCi/L
Radium-226	8/8	2.00E-01 - 9.00E-01		N	2.44E-01	pCi/L
Radon-222	30/30	2.08E+02 - 9.30E+02		L	2.52E+02	pCi/L
Technetium-99	496/671	1.00E+00 - 1.40E+03	-8.00E+00 - 2.50E+01	L	4.41E+01	pCi/L
Thorium-230	2/2	3.00E-01 - 4.00E-01		N	1.75E-01	pCi/L
Thorium-234	1/1	6.00E-01 - 6.00E-01		NT	3.00E-01	pCi/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=i MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	9/9	5.49E-01 - 1.32E+01		L	2.29E+00	mg/L
Antimony	4/22	2.00E-03 - 2.35E-01	1.30E-03 - 1.85E-01	L	4.16E-03	mg/L
Arsenic	11/42	5.40E-03 - 5.70E-02	5.00E-03 - 5.00E-03	L	4.22E-03	mg/L
Barium	39/42	3.80E-02 - 1.19E+00	7.00E-02 - 7.00E-02	L	2.35E-01	mg/L
Cadmium	2/46	1.80E-02 - 1.90E-02	1.00E-02 - 2.50E-02	N	6.00E-03	mg/L
Calcium	18/18	1.48E+01 - 1.28E+02		L	3.43E+01	mg/L
Chloride	43/45	1.47E+00 - 9.79E+01	2.00E+00 - 1.00E+01	L	2.37E+01	mg/L
Chromium	4/46	5.40E-02 - 1.46E-01	5.00E-02 - 6.00E-02	N	2.68E-02	mg/L
Cobalt	1/22	6.60E-02 - 6.60E-02	4.50E-02 - 5.00E-02	L	2.48E-02	mg/L
Copper	29/46	1.20E-02 - 1.32E+00	1.00E-02 - 2.50E-02	L	1.44E-01	mg/L
Fluoride	36/41	2.20E-01 - 8.90E+00	1.00E-01 - 1.00E-01	L	6.63E-01	mg/L
Iron	46/46	6.90E-02 - 6.06E+01		L	3.12E+00	mg/L
Lead	5/37	5.70E-02 - 2.35E-01	5.00E-02 - 2.50E-01	L	2.52E-02	mg/L
Magnesium	18/18	5.27E+00 - 4.37E+01		L	9.80E+00	mg/L
Manganese	17/18	2.20E-02 - 8.06E+00	5.00E-03 - 5.00E-03	L	5.85E-01	mg/L
Mercury	3/33	4.00E-04 - 5.00E-04	2.00E-04 - 2.00E-04	N	1.11E-04	mg/L
Nickel	7/45	7.60E-02 - 5.95E-01	5.00E-02 - 1.00E-01	L	1.79E-02	mg/L
Nitrate	1/1	2.10E+00 - 2.10E+00		NT	1.05E+00	mg/L
Nitrate as Nitrogen	25/40	2.80E-01 - 2.30E+00	1.00E-01 - 1.00E+00	N	4.81E-01	mg/L
Potassium	6/13	2.08E+00 - 1.36E+01	2.00E+00 - 1.05E+01	N	3.29E+00	mg/L
Selenium	1/37	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-03	N	2.50E-03	mg/L
Silica	9/9	1.10E+01 - 3.50E+01		N	1.12E+01	mg/L
Silver	1/33	4.50E-02 - 4.50E-02	3.00E-02 - 6.00E-02	L	1.74E-02	mg/L
Sodium	43/43	1.68E+01 - 1.49E+02		N	3.09E+01	mg/L
Sulfate	12/12	1.60E+01 - 1.90E+02		L	4.97E+01	mg/L
Tetraoxo-sulfate(1-)	29/29	6.20E+00 - 3.76E+02		L	6.50E+01	mg/L
Thallium	1/17	8.20E-03 - 8.20E-03	1.50E-03 - 6.00E-02	L	2.60E-02	mg/L
Uranium	32/59	1.00E-03 - 6.40E-01	1.00E-03 - 1.00E-03	L	5.58E-03	mg/L
Vanadium	16/17	5.00E-02 - 4.33E-01	5.00E-02 - 5.00E-02	L	2.18E-01	mg/L
Zinc	38/46	6.00E-03 - 1.88E+00	5.00E-03 - 3.00E-02	L	1.71E-01	mg/L
2-Butanone	3/28	4.00E-03 - 7.00E-03	5.00E-03 - 1.00E-01	L	4.59E-03	mg/L
Acetone	4/28	2.00E-03 - 1.50E-02	5.00E-03 - 1.00E-01	L	4.80E-03	mg/L
Benzene	1/48	5.00E-03 - 5.00E-03	1.00E-03 - 5.00E-03	N	2.33E-03	mg/L
Bromodichloromethane	1/49	9.00E-03 - 9.00E-03	1.00E-03 - 5.00E-03	N	2.38E-03	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=i MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Chloroform	3/50	2.00E-03 - 2.40E-02	1.00E-03 - 5.00E-03	N	2.50E-03	mg/L
Dibromochloromethane	1/29	2.00E-03 - 2.00E-03	1.00E-03 - 5.00E-03	N	2.17E-03	mg/L
Dichlorodifluoromethane	3/28	1.00E-03 - 6.00E-03	1.00E-03 - 5.00E-03	N	2.34E-03	mg/L
Ethanol	3/28	7.00E-03 - 2.40E-02	5.00E-02 - 1.00E+00	L	1.88E-02	mg/L
Methylene chloride	10/28	1.00E-03 - 1.30E-02	1.00E-03 - 1.00E-02	L	3.12E-03	mg/L
Trichloroethene	9/89	1.00E-03 - 5.60E-02	1.00E-03 - 1.00E-03	N	2.20E-03	mg/L
Alpha activity	63/80	2.00E-01 - 3.49E+02	-1.07E+01 - 1.00E+03	L	1.25E+01	pCi/L
Beta activity	75/80	1.00E+00 - 1.00E+03	-4.00E+00 - 1.00E+03	L	3.60E+01	pCi/L
Cesium-137	3/4	2.00E-01 - 9.00E-01	-7.00E-01 --7.00E-01	N	8.75E-02	pCi/L
Cobalt-60	4/4	7.00E-01 - 1.40E+00		N	5.13E-01	pCi/L
Radium-226	3/4	3.00E-01 - 7.00E-01	0.00E+00 - 0.00E+00	N	1.63E-01	pCi/L
Radon-222	5/5	2.88E+02 - 5.19E+02		N	1.91E+02	pCi/L
Technetium-99	77/91	1.00E+00 - 3.39E+02	-4.00E+00 - 0.00E+00	L	2.77E+01	pCi/L

AREA_CODE=j MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	2/2	2.16E-01 - 2.04E+00		N	5.64E-01	mg/L
Arsenic	1/2	8.54E-02 - 8.54E-02	5.00E-03 - 5.00E-03	N	2.26E-02	mg/L
Barium	2/2	6.80E-02 - 1.27E-01		N	4.88E-02	mg/L
Calcium	2/2	2.91E+01 - 5.51E+01		N	2.11E+01	mg/L
Chloride	2/2	1.00E+01 - 3.40E+01		N	1.10E+01	mg/L
Fluoride	2/2	1.30E-01 - 1.60E-01		N	1.45E-01	mg/L
Iron	1/2	1.22E-01 - 1.22E-01	1.00E-02 - 1.00E-02	N	3.30E-02	mg/L
Magnesium	2/2	1.31E+00 - 9.50E+00		N	2.70E+00	mg/L
Manganese	2/2	8.80E-02 - 3.02E+00		N	7.77E-01	mg/L
Molybdenum	1/2	3.15E-01 - 3.15E-01	5.00E-02 - 5.00E-02	N	9.13E-02	mg/L
Potassium	1/2	8.88E+00 - 8.88E+00	2.00E+00 - 2.00E+00	N	2.72E+00	mg/L
Silica	2/2	2.00E+00 - 1.70E+01		N	4.75E+00	mg/L
Sodium	2/2	1.52E+01 - 2.63E+01		N	1.04E+01	mg/L
Sulfate	2/2	2.60E+01 - 1.56E+02		N	4.55E+01	mg/L
Thallium	1/2	1.03E-01 - 1.03E-01	6.00E-02 - 6.00E-02	N	4.08E-02	mg/L
Uranium	1/2	1.00E-03 - 1.00E-03	1.00E-03 - 1.00E-03	N	1.00E-03	mg/L
Vanadium	2/2	1.01E-01 - 1.07E-01		N	5.20E-02	mg/L
Alpha activity	2/2	8.00E-01 - 1.00E+00		N	4.50E-01	pCi/L
Beta activity	2/2	6.00E+00 - 4.30E+01		N	1.23E+01	pCi/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=j MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Technetium-99	2/2	1.30E+01 - 1.60E+01		N	1.45E+01	pCi/L
Thorium-230	1/2	1.00E-01 - 1.00E-01	0.00E+00 - 0.00E+00	N	2.50E-02	pCi/L

AREA_CODE=j MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	4/4	1.12E+00 - 7.84E+00		N	1.48E+00	mg/L
Arsenic	2/4	6.10E-03 - 9.10E-03	5.00E-03 - 5.00E-03	N	3.15E-03	mg/L
Barium	4/4	3.60E-02 - 1.11E-01		N	3.11E-02	mg/L
Calcium	4/4	1.22E+01 - 1.34E+02		N	3.92E+01	mg/L
Chloride	4/4	5.00E+00 - 1.80E+01		N	5.63E+00	mg/L
Copper	1/4	1.10E-02 - 1.10E-02	1.00E-02 - 1.00E-02	N	5.13E-03	mg/L
Fluoride	1/4	1.80E-01 - 1.80E-01	1.00E-01 - 1.00E-01	N	1.20E-01	mg/L
Iron	4/4	2.10E-02 - 1.03E+01		N	2.09E+00	mg/L
Magnesium	4/4	1.04E-01 - 1.81E+01		N	2.94E+00	mg/L
Manganese	4/4	4.40E-02 - 5.55E+00		N	8.10E-01	mg/L
Molybdenum	2/4	5.00E-02 - 2.86E-01	5.00E-02 - 5.00E-02	N	5.45E-02	mg/L
Nickel	1/4	5.20E-02 - 5.20E-02	5.00E-02 - 5.00E-02	N	2.53E-02	mg/L
Nitrate as Nitrogen	1/4	3.40E+00 - 3.40E+00	1.00E+00 - 1.00E+00	N	8.00E-01	mg/L
Potassium	3/4	3.21E+00 - 1.94E+01	2.00E+00 - 2.00E+00	N	4.49E+00	mg/L
Silica	4/4	7.00E+00 - 3.20E+01		N	7.50E+00	mg/L
Sodium	4/4	3.35E+00 - 2.26E+01		N	6.54E+00	mg/L
Sulfate	4/4	3.20E+01 - 7.42E+02		N	1.93E+02	mg/L
Thallium	3/4	9.50E-02 - 1.35E-01	6.00E-02 - 6.00E-02	N	5.23E-02	mg/L
Vanadium	3/4	7.10E-02 - 1.92E-01	5.00E-02 - 5.00E-02	N	5.69E-02	mg/L
Zinc	4/4	1.20E-02 - 4.10E-02		N	1.24E-02	mg/L
2-Butanone	1/1	1.60E-02 - 1.60E-02		NT	8.00E-03	mg/L
Alpha activity	4/4	2.00E-01 - 2.20E+00		N	4.50E-01	pCi/L
Beta activity	4/4	1.00E+00 - 4.30E+01		N	9.63E+00	pCi/L
Neptunium-237	2/4	1.00E-01 - 4.00E-01	-2.00E-01 - 1.00E-01	N	2.50E-02	pCi/L
Technetium-99	4/4	1.20E+01 - 1.90E+01		N	1.63E+01	pCi/L
Thorium-230	3/4	1.00E-01 - 2.00E-01	0.00E+00 - 0.00E+00	N	6.25E-02	pCi/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=k MEDIA=Other Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	37/55	2.14E-01 - 8.77E+01	6.25E-01 - 1.00E+00	L	4.86E+00	mg/L
Ammonia as Nitrogen	1/3	6.23E+00 - 6.23E+00	3.00E-02 - 3.00E-02	N	1.05E+00	mg/L
Antimony	2/40	2.38E-02 - 5.23E-02	2.00E-02 - 2.50E-01	N	6.86E-02	mg/L
Arsenic	5/75	1.60E-03 - 2.10E-02	1.00E-03 - 5.00E-03	N	2.48E-03	mg/L
Barium	42/75	3.41E-02 - 2.78E-01	5.00E-02 - 7.00E-02	L	8.41E-02	mg/L
Beryllium	6/40	1.90E-03 - 6.28E-02	1.00E-03 - 2.50E-02	L	1.12E-03	mg/L
Cadmium	1/75	1.60E-02 - 1.60E-02	2.00E-03 - 1.00E-01	L	3.65E-02	mg/L
Calcium	37/37	3.94E+00 - 4.39E+02		L	6.32E+01	mg/L
Chloride	35/35	2.70E+00 - 7.74E+01		L	9.28E+00	mg/L
Chromium	10/37	2.00E-03 - 8.50E-02	2.00E-03 - 6.00E-02	N	2.42E-02	mg/L
Cobalt	11/40	3.50E-03 - 1.01E+00	3.00E-03 - 1.00E-01	L	2.06E-02	mg/L
Copper	13/40	4.30E-03 - 3.40E-02	2.00E-03 - 1.00E-01	L	1.14E-02	mg/L
Fluoride	24/32	1.60E-01 - 6.40E-01	1.00E-01 - 1.00E-01	L	3.02E-01	mg/L
Iron	61/72	2.38E-01 - 1.23E+03	2.00E-01 - 5.00E-01	L	7.91E+01	mg/L
Kjeldahl Nitrogen	3/4	3.50E-01 - 1.38E+00	2.00E+00 - 2.00E+00	N	6.33E-01	mg/L
Lead	14/72	1.60E-03 - 1.78E+00	1.00E-03 - 2.50E-01	N	1.26E-01	mg/L
Magnesium	72/72	1.52E+00 - 1.72E+02		L	3.17E+01	mg/L
Manganese	70/72	3.20E-02 - 6.00E+01	2.00E-02 - 5.00E-02	L	6.59E+00	mg/L
Mercury	1/35	3.00E-04 - 3.00E-04	2.00E-04 - 4.00E-04	L	1.04E-04	mg/L
Nickel	23/75	7.70E-03 - 7.76E-01	5.00E-02 - 1.00E-01	L	6.12E-02	mg/L
Nitrate as Nitrogen	10/32	1.00E+00 - 3.80E+00	1.00E+00 - 1.00E+00	L	1.03E+00	mg/L
Nitrate/Nitrite	2/4	2.10E-01 - 2.20E-01	5.00E-02 - 5.00E-02	N	6.63E-02	mg/L
Potassium	38/69	6.04E-01 - 2.46E+01	2.00E+00 - 1.05E+01	N	5.61E+00	mg/L
Selenium	3/38	1.10E-03 - 4.90E-03	1.00E-03 - 5.00E-03	L	1.08E-03	mg/L
Silica	49/50	1.00E+01 - 5.02E+02	1.00E+01 - 1.00E+01	L	4.65E+01	mg/L
Silver	1/31	2.20E-03 - 2.20E-03	2.00E-03 - 6.00E-02	N	2.22E-02	mg/L
Sodium	72/72	8.18E+00 - 2.05E+02		L	2.56E+01	mg/L
Strontium	30/38	4.07E-01 - 2.33E+00	5.00E-01 - 1.21E+00	N	5.38E-01	mg/L
Sulfate	3/3	1.38E+01 - 1.98E+03		N	3.43E+02	mg/L
Sulfide	2/4	2.40E+00 - 2.40E+00	1.00E+00 - 1.00E+00	N	8.50E-01	mg/L
Tetraoxo-sulfate(1-)	29/29	1.70E+00 - 4.87E+03		L	8.46E+02	mg/L
Tin	1/4	1.05E-02 - 1.05E-02	1.00E-02 - 1.00E-02	N	5.06E-03	mg/L
Total Phosphate as Phosphorus	1/3	3.40E-01 - 3.40E-01	1.00E-01 - 1.00E-01	N	9.00E-02	mg/L
Uranium	48/77	1.00E-03 - 1.40E-02	1.00E-03 - 1.00E-03	N	2.77E-03	mg/L
Vanadium	15/17	1.70E-03 - 3.07E-01	5.00E-02 - 5.00E-02	L	7.43E-02	mg/L
Zinc	23/40	4.00E-03 - 1.99E+00	5.00E-03 - 2.50E-01	L	5.14E-02	mg/L
1,1,1-Trichloroethane	3/70	6.00E-03 - 4.40E-02	5.00E-03 - 2.50E-01	N	9.80E-03	mg/L
1,1-Dichloroethane	11/70	3.00E-03 - 1.40E-01	5.00E-03 - 2.50E-01	N	1.21E-02	mg/L
1,1-Dichloroethene	11/70	1.80E-02 - 4.60E-01	5.00E-03 - 2.50E-01	N	1.84E-02	mg/L
1,2-Dichloroethene	2/9	3.40E-02 - 3.30E-01	5.00E-03 - 5.00E-03	L	1.78E-03	mg/L
Acetone	1/9	1.00E-01 - 1.00E-01	1.00E-01 - 1.00E-01	N	5.00E-02	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=k MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Di-n-butyl phthalate	1/10	1.40E-02 - 1.40E-02	1.00E-02 - 1.00E-02	N	5.20E-03	mg/L
Methylene chloride	8/9	1.00E-03 - 1.10E-02	5.00E-03 - 5.00E-03	N	3.42E-03	mg/L
Naphthalene	1/10	7.00E-02 - 7.00E-02	1.00E-02 - 1.00E-02	N	8.00E-03	mg/L
Phenanthrene	1/10	2.00E-03 - 2.00E-03	1.00E-02 - 1.00E-02	N	4.60E-03	mg/L
Trichloroethene	22/81	1.00E-03 - 6.00E-01	1.00E-03 - 5.00E-03	N	1.96E-02	mg/L
Vinyl chloride	1/70	1.50E-02 - 1.50E-02	5.00E-03 - 2.50E-01	N	2.66E-02	mg/L
cis-1,2-Dichloroethene	32/62	1.40E-02 - 4.20E+00	5.00E-03 - 5.00E-03	L	4.17E-02	mg/L
Alpha activity	72/93	1.00E-01 - 5.99E+01	-1.13E+01 - 1.04E+01	L	7.14E+00	pCi/L
Beta activity	78/93	1.00E+00 - 1.60E+02	-6.00E+00 - 3.13E+01	L	2.00E+01	pCi/L
Neptunium-237	3/8	4.00E-01 - 5.50E-01	-1.00E-01 - 0.00E+00	N	7.19E-02	pCi/L
Plutonium-238	1/1	1.00E-01 - 1.00E-01		NT	5.00E-02	pCi/L
Plutonium-239	1/8	1.00E-01 - 1.00E-01	0.00E+00 - 7.00E-02	L	4.32E-02	pCi/L
Plutonium-242	1/1	1.83E-02 - 1.83E-02		NT	9.15E-03	pCi/L
Radium-226	5/6	2.00E-01 - 8.00E-01	0.00E+00 - 0.00E+00	N	1.92E-01	pCi/L
Radon-222	30/30	9.00E+00 - 1.31E+03		L	2.74E+02	pCi/L
Technetium-99	67/93	9.17E-01 - 1.88E+02	-1.59E+01 - 9.40E-01	L	8.35E+00	pCi/L
Thorium-228	1/1	7.80E-01 - 7.80E-01		NT	3.90E-01	pCi/L
Thorium-230	7/8	1.00E-01 - 7.90E-01	-3.00E-01 --3.00E-01	N	1.49E-01	pCi/L
Thorium-232	1/1	6.40E-01 - 6.40E-01		NT	3.20E-01	pCi/L
Uranium-234	11/14	1.80E-01 - 8.44E+00	1.30E-01 - 1.70E-01	L	9.68E-01	pCi/L
Uranium-235	5/11	6.00E-02 - 6.10E-01	3.00E-02 - 1.20E-01	L	1.15E-01	pCi/L
Uranium-238	12/14	1.60E-01 - 8.72E+00	1.20E-01 - 1.90E-01	L	1.06E+00	pCi/L

AREA_CODE=k MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Alpha activity	25/27	3.00E-01 - 6.00E+00	-2.30E+00 --4.00E-01	N	1.33E+00	pCi/L
Beta activity	25/27	2.00E+00 - 1.20E+01	0.00E+00 - 1.00E+03	L	5.48E+00	pCi/L
Radon-222	5/6	3.80E+01 - 5.76E+02	0.00E+00 - 0.00E+00	N	8.99E+01	pCi/L
Technetium-99	8/31	6.00E+00 - 2.10E+01	0.00E+00 - 2.50E+01	N	2.12E+01	pCi/L

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Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=1 MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	7/44	1.08E-01 - 1.50E+00	1.00E-01 - 1.00E+00	N	3.49E-01	mg/L
Antimony	1/26	1.85E-01 - 1.85E-01	6.00E-02 - 2.50E-01	N	8.30E-02	mg/L
Barium	17/18	8.40E-02 - 1.70E-01	7.00E-02 - 7.00E-02	N	7.10E-02	mg/L
Calcium	48/48	1.17E+01 - 2.76E+01		N	8.92E+00	mg/L
Chloride	45/45	5.40E+00 - 5.51E+01		L	4.03E+00	mg/L
Copper	2/18	1.60E-02 - 2.00E-02	1.00E-02 - 1.00E-01	L	1.06E-02	mg/L
Fluoride	25/25	1.40E-01 - 1.80E-01		N	1.63E-01	mg/L
Iron	47/48	2.34E+00 - 1.66E+01	3.00E-01 - 3.00E-01	N	5.17E+00	mg/L
Magnesium	48/48	5.60E+00 - 1.23E+01		L	3.90E+00	mg/L
Manganese	47/48	2.07E-01 - 9.11E-01	2.00E-02 - 2.00E-02	N	3.11E-01	mg/L
Nitrate as Nitrogen	1/45	5.60E+00 - 5.60E+00	1.00E+00 - 1.00E+00	N	5.51E-01	mg/L
Potassium	25/44	4.37E+00 - 1.23E+01	5.00E+00 - 1.05E+01	L	6.14E+00	mg/L
Silica	35/35	5.00E+00 - 3.40E+01		L	9.00E+00	mg/L
Sodium	48/48	1.50E+01 - 3.81E+01		L	1.31E+01	mg/L
Tetraoxo-sulfate(1-)	27/41	1.40E+00 - 2.89E+01	5.00E+00 - 5.00E+00	L	1.22E+01	mg/L
Thallium	1/8	1.02E+00 - 1.02E+00	5.60E-02 - 4.70E-01	L	1.51E-01	mg/L
Vanadium	5/8	4.00E-02 - 6.60E-02	5.00E-02 - 5.00E-02	L	5.21E-02	mg/L
Zinc	14/18	3.70E-02 - 1.90E-01	1.00E-01 - 2.50E-01	L	1.00E-01	mg/L
Trichloroethene	5/58	1.00E-03 - 9.60E+00	1.00E-03 - 5.00E-03	N	1.67E-01	mg/L
Alpha activity	41/50	2.00E-01 - 7.30E+00	-3.11E+01 - 0.00E+00	L	3.08E+00	pCi/L
Beta activity	49/50	1.00E+00 - 1.48E+03	0.00E+00 - 0.00E+00	L	1.69E+01	pCi/L
Neptunium-237	6/10	1.00E-01 - 4.00E-01	-3.00E-01 - 0.00E+00	N	5.50E-02	pCi/L
Plutonium-238	1/2	5.00E-02 - 5.00E-02	-1.00E-01 --1.00E-01	N	-1.25E-02	pCi/L
Plutonium-239	1/7	1.00E-01 - 1.00E-01	0.00E+00 - 0.00E+00	N	7.14E-03	pCi/L
Radium-226	8/9	1.00E-01 - 8.60E-01	0.00E+00 - 0.00E+00	N	2.31E-01	pCi/L
Radon-222	44/44	2.20E+01 - 2.91E+02		L	5.76E+01	pCi/L
Technetium-99	39/58	5.00E-01 - 1.95E+03	-1.20E+01 - 0.00E+00	L	1.38E+01	pCi/L
Thorium-230	6/9	1.00E-02 - 8.00E-01	-1.41E-01 - 0.00E+00	L	2.95E-01	pCi/L

AREA_CODE=1 MEDIA=Other Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Methylene chloride	1/1	5.00E-03 - 5.00E-03		NT	2.50E-03	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=1 MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	177/395	6.59E-02 - 1.43E+02	1.50E-02 - 1.00E+00	N	1.16E+00	mg/L
Arsenic	34/576	2.38E-03 - 1.40E-01	1.00E-03 - 5.00E-03	N	2.97E-03	mg/L
Barium	242/252	1.00E-02 - 2.20E+00	5.00E-02 - 7.00E-02	L	2.18E-01	mg/L
Beryllium	12/255	3.00E-04 - 1.40E-02	2.00E-04 - 1.00E-01	N	5.47E-03	mg/L
Cadmium	6/590	5.56E-04 - 2.13E-01	2.67E-04 - 3.00E-01	N	8.55E-03	mg/L
Calcium	485/485	2.88E+00 - 4.87E+01		N	1.24E+01	mg/L
Chloride	452/452	2.90E+00 - 5.86E+02		N	2.42E+01	mg/L
Chromium	85/585	2.40E-03 - 8.62E+00	2.00E-03 - 6.00E-02	N	4.37E-02	mg/L
Cobalt	11/249	4.60E-03 - 9.00E-02	1.78E-03 - 3.50E-01	N	2.45E-02	mg/L
Copper	26/260	4.10E-03 - 1.31E-01	2.00E-03 - 4.50E-01	N	1.42E-02	mg/L
Fluoride	210/317	1.00E-01 - 7.20E+00	1.00E-01 - 1.00E+00	N	1.93E-01	mg/L
Iron	360/490	1.80E-02 - 7.20E+02	1.00E-02 - 5.00E-01	N	3.69E+00	mg/L
Lead	21/490	2.40E-03 - 4.32E-01	1.00E-03 - 2.50E-01	N	4.62E-02	mg/L
Magnesium	491/491	8.79E-01 - 4.72E+01		N	5.02E+00	mg/L
Manganese	345/482	2.50E-03 - 8.20E+00	5.00E-03 - 1.00E-01	N	3.45E-01	mg/L
Mercury	1/472	3.00E-04 - 3.00E-04	2.00E-04 - 4.70E-02	N	3.18E-04	mg/L
Molybdenum	5/165	1.50E-02 - 1.00E-01	4.40E-03 - 1.00E-01	N	2.78E-02	mg/L
Nickel	94/266	7.40E-03 - 6.73E-01	4.20E-03 - 1.00E+00	N	5.74E-02	mg/L
Nitrate as Nitrogen	273/438	1.00E+00 - 3.93E+01	1.00E+00 - 1.00E+00	N	1.28E+00	mg/L
Nitrate/Nitrite	6/6	5.00E-02 - 9.40E+00		N	9.37E-01	mg/L
Potassium	77/445	1.10E-01 - 2.44E+01	2.00E+00 - 3.00E+01	N	2.95E+00	mg/L
Selenium	5/489	1.00E-03 - 4.76E-01	1.00E-03 - 1.50E-02	N	2.99E-03	mg/L
Silica	243/243	1.10E+01 - 4.50E+01		L	1.01E+01	mg/L
Silver	2/124	2.60E-03 - 5.70E-03	2.00E-03 - 6.00E-02	N	2.47E-02	mg/L
Sodium	490/490	3.71E+00 - 2.66E+02		L	1.46E+01	mg/L
Strontium	3/3	3.20E-01 - 3.33E-01		N	1.62E-01	mg/L
Sulfate	31/31	2.90E+00 - 4.20E+01		L	8.00E+00	mg/L
Tetraoxo-sulfate(1-)	399/417	1.80E+00 - 2.24E+02	2.00E+00 - 5.00E+00	N	8.02E+00	mg/L
Thallium	1/143	2.38E-01 - 2.38E-01	4.67E-04 - 4.70E-01	N	6.15E-02	mg/L
Tin	4/14	1.80E-02 - 8.00E-01	1.70E-02 - 2.80E-01	L	6.35E-02	mg/L
Total Phosphate as Phosphorus	12/268	1.70E+00 - 3.49E+01	2.00E+00 - 2.00E+00	N	1.12E+00	mg/L
Uranium	28/622	2.90E-04 - 1.90E-01	8.00E-05 - 9.20E-02	N	3.78E-03	mg/L
Vanadium	109/150	1.40E-03 - 9.50E-01	1.00E-03 - 2.50E-01	N	3.85E-02	mg/L
Zinc	100/262	5.00E-03 - 1.00E+00	5.00E-03 - 2.50E-01	N	2.33E-02	mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	2/4	8.80E-04 - 5.70E-03	3.60E-04 - 3.60E-04	N	9.13E-04	mg/L
1,1,2-Trichloroethane	1/659	2.00E-03 - 2.00E-03	5.00E-03 - 5.00E+01	N	9.32E-01	mg/L
1,1-Dichloroethane	1/602	4.10E-03 - 4.10E-03	5.00E-03 - 5.00E+01	N	3.35E-01	mg/L
1,1-Dichloroethene	4/604	1.30E-03 - 6.50E-02	5.00E-03 - 5.00E+01	N	3.39E-01	mg/L
1,2-Dichloroethane	1/667	1.10E-03 - 1.10E-03	1.00E-03 - 5.00E+01	N	9.33E-01	mg/L
4-Methyl-2-pentanone	1/22	2.50E-03 - 2.50E-03	1.10E-03 - 2.50E+01	L	2.21E-01	mg/L
Acetone	4/24	5.40E-03 - 2.30E-02	1.40E-03 - 2.50E+01	L	8.19E-03	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=1 MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Bis(2-ethylhexyl)phthalate	2/12	1.00E-03 - 2.00E-03	9.00E-03 - 1.00E-02	N	4.21E-03	mg/L
Butyl benzyl phthalate	1/12	1.00E-03 - 1.00E-03	9.00E-03 - 1.00E-02	N	4.54E-03	mg/L
Carbon tetrachloride	4/668	1.20E-02 - 1.60E-01	5.00E-03 - 5.00E+01	N	9.62E-01	mg/L
Chlorobenzene	1/22	2.00E-03 - 2.00E-03	4.90E-04 - 1.30E+01	L	5.20E-02	mg/L
Chloroform	6/666	1.00E-03 - 1.40E-02	5.00E-03 - 5.00E+01	N	9.64E-01	mg/L
Di-n-butyl phthalate	2/12	8.00E-03 - 2.10E-02	1.00E-02 - 1.00E-02	L	6.95E-03	mg/L
Dimethylbenzene	1/627	2.20E+00 - 2.20E+00	5.00E-03 - 1.00E+02	N	5.60E-01	mg/L
Ethane	8/15	1.00E-03 - 1.97E-01	3.00E-02 - 3.00E-02	L	2.49E-02	mg/L
Ethylbenzene	1/628	8.70E-01 - 8.70E-01	5.00E-03 - 5.00E+01	N	3.22E-01	mg/L
Ethylene	8/15	7.00E-03 - 4.17E+00	3.00E-02 - 3.00E-02	L	8.38E-02	mg/L
Methylene chloride	8/22	4.00E-03 - 1.30E-01	3.50E-04 - 1.30E+01	L	3.85E-03	mg/L
Tetrachloroethene	7/689	1.90E-03 - 3.20E-01	5.00E-03 - 5.00E+01	N	1.59E+00	mg/L
Toluene	3/628	1.00E-03 - 1.10E-02	5.00E-03 - 5.00E+01	N	3.21E-01	mg/L
Trichloroethene	816/1E3	7.00E-04 - 4.60E+02	1.00E-03 - 1.00E+00	N	1.14E+01	mg/L
Vinyl chloride	2/680	2.50E+00 - 6.30E+00	1.30E-03 - 1.00E+02	N	3.53E+00	mg/L
cis-1,2-Dichloroethene	25/670	1.10E-03 - 4.20E+00	4.70E-04 - 5.00E+01	N	1.77E+00	mg/L
trans-1,2-Dichloroethene	4/666	4.90E-04 - 1.20E+00	4.80E-04 - 5.00E+01	N	1.77E+00	mg/L
Alpha activity	606/885	7.00E-02 - 6.59E+01	-1.59E+02 - 1.00E+03	N	4.45E+01	pCi/L
Americium-241	13/21	1.00E-02 - 3.50E+00	-1.30E+00 - 2.30E-01	L	4.02E-01	pCi/L
Beta activity	794/885	1.00E+00 - 9.83E+03	-1.00E+01 - 1.00E+03	N	2.19E+02	pCi/L
Cesium-137	9/36	1.00E-01 - 2.07E+01	-2.70E+00 - 1.87E+04	L	1.72E+00	pCi/L
Cobalt-60	8/11	2.00E-01 - 2.30E+00	-6.00E-01 - 2.00E-01	L	8.75E-01	pCi/L
Neptunium-237	36/58	3.00E-02 - 1.44E+01	-7.34E-01 - 2.04E+00	L	3.94E-01	pCi/L
Plutonium-238	9/13	1.00E-02 - 7.00E-02	-1.40E-01 - 0.00E+00	N	6.54E-03	pCi/L
Plutonium-239	12/38	1.00E-02 - 2.00E-01	-1.26E-01 - 0.00E+00	L	8.51E-02	pCi/L
Plutonium-239/240	5/7	8.87E-04 - 3.06E-02	-3.99E-03 - 3.54E-03	L	9.95E-03	pCi/L
Radium-226	40/45	6.00E-02 - 7.39E+02	0.00E+00 - 0.00E+00	L	1.96E+00	pCi/L
Radon-222	311/311	1.10E+01 - 9.48E+03		N	1.77E+02	pCi/L
Technetium-99	1E3/2E3	2.00E-01 - 1.67E+04	-1.00E+01 - 8.80E-01	N	3.12E+02	pCi/L
Thorium-230	41/52	2.69E-02 - 4.70E+00	-5.00E-01 - 6.00E-02	L	4.78E-01	pCi/L
Uranium-234	24/32	3.00E-02 - 2.00E+02	5.00E-02 - 5.00E-01	L	8.38E-01	pCi/L
Uranium-235	10/22	1.00E-02 - 9.96E+00	-1.00E-02 - 8.00E-02	L	6.55E-02	pCi/L
Uranium-235/236	8/10	1.00E-02 - 3.50E-01	0.00E+00 - 0.00E+00	L	8.60E-02	pCi/L
Uranium-238	21/29	1.00E-02 - 2.11E+02	-1.00E-02 - 3.00E-01	L	7.31E-01	pCi/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	129/151	6.80E-02 - 6.24E+01	1.00E-01 - 1.00E+00	L	2.10E+00	mg/L
Ammonia as Nitrogen	2/4	6.00E-02 - 1.60E-01	3.00E-02 - 3.00E-02	N	3.50E-02	mg/L
Antimony	3/133	2.48E-02 - 2.79E-02	2.40E-03 - 2.50E-01	N	4.50E-02	mg/L
Arsenic	69/263	2.30E-03 - 4.53E-01	1.00E-03 - 5.00E-03	N	1.13E-02	mg/L
Barium	126/134	1.80E-02 - 8.88E-01	5.00E-02 - 7.00E-02	L	2.57E-01	mg/L
Beryllium	5/127	2.00E-04 - 1.70E-03	2.00E-04 - 2.50E-02	N	3.36E-03	mg/L
Cadmium	6/269	1.20E-02 - 1.80E-02	2.67E-04 - 1.00E-01	N	6.94E-03	mg/L
Calcium	164/164	1.50E+00 - 3.78E+02		L	2.25E+01	mg/L
Chloride	161/162	4.20E+00 - 6.29E+02	2.00E+00 - 2.00E+00	L	1.03E+02	mg/L
Chromium	46/262	2.70E-03 - 1.36E+00	1.00E-02 - 6.00E-02	N	3.00E-02	mg/L
Cobalt	9/125	2.00E-03 - 6.76E-02	5.00E-03 - 1.00E-01	N	2.33E-02	mg/L
Copper	16/127	2.00E-03 - 3.30E-02	8.70E-03 - 1.00E-01	N	7.59E-03	mg/L
Cyanide	2/9	5.00E-03 - 1.00E-02	2.40E-03 - 6.00E-03	L	2.13E-03	mg/L
Fluoride	85/134	1.00E-01 - 2.40E+00	2.00E-02 - 2.00E-01	N	1.96E-01	mg/L
Iron	158/170	1.50E-02 - 3.44E+02	2.50E-01 - 5.00E-01	L	3.59E+00	mg/L
Kjeldahl Nitrogen	3/4	6.78E-01 - 8.95E+00	8.00E+00 - 8.00E+00	N	2.39E+00	mg/L
Lead	10/193	1.80E-03 - 1.38E+00	1.00E-03 - 2.50E-01	N	3.94E-02	mg/L
Magnesium	173/173	5.85E-01 - 9.40E+01		L	1.07E+01	mg/L
Manganese	143/168	8.00E-03 - 2.70E+01	5.00E-03 - 1.00E-01	L	3.93E-01	mg/L
Mercury	2/180	2.00E-04 - 3.00E-04	2.00E-04 - 4.70E-02	N	5.11E-04	mg/L
Molybdenum	1/105	1.00E-02 - 1.00E-02	4.40E-03 - 1.00E-01	N	2.49E-02	mg/L
Nickel	48/137	8.20E-03 - 2.30E+00	5.00E-02 - 1.00E-01	N	1.05E-01	mg/L
Nitrate as Nitrogen	40/150	1.00E+00 - 2.69E+01	1.00E+00 - 1.00E+00	N	6.98E-01	mg/L
Nitrate/Nitrite	7/9	9.90E-03 - 9.38E+00	5.00E-02 - 5.00E-02	L	5.07E-01	mg/L
Orthophosphate	3/3	1.50E-01 - 1.60E-01		N	7.83E-02	mg/L
Potassium	32/165	4.54E-01 - 2.98E+01	1.80E-02 - 1.05E+01	N	2.34E+00	mg/L
Selenium	9/183	1.70E-03 - 1.60E-02	1.00E-03 - 1.50E-02	N	2.52E-03	mg/L
Silica	87/87	9.00E+00 - 7.90E+01		L	1.58E+01	mg/L
Silver	3/27	3.30E-03 - 5.00E-03	2.00E-03 - 6.00E-02	L	2.77E-03	mg/L
Sodium	173/173	5.03E+00 - 2.81E+02		L	5.33E+01	mg/L
Strontium	9/10	7.46E-01 - 1.64E+00	1.21E+00 - 1.21E+00	L	1.12E+00	mg/L
Sulfate	17/18	5.20E+00 - 2.19E+02	3.00E+01 - 3.00E+01	L	7.68E+01	mg/L
Sulfide	3/4	1.20E+00 - 6.40E+01	1.00E+00 - 1.00E+00	N	8.53E+00	mg/L
Tetraoxo-sulfate(1-)	138/143	5.00E+00 - 6.95E+02	5.00E+00 - 5.00E+00	L	8.23E+01	mg/L
Thallium	2/108	7.30E-03 - 9.10E-02	4.67E-04 - 4.70E-01	N	4.58E-02	mg/L
Tin	1/5	2.60E-02 - 2.60E-02	1.00E-02 - 2.80E-01	N	3.50E-02	mg/L
Uranium	41/226	2.80E-04 - 1.30E-01	1.00E-03 - 9.20E-02	N	9.31E-03	mg/L
Vanadium	94/110	1.80E-03 - 7.11E-01	1.00E-03 - 5.00E-02	N	6.75E-02	mg/L
Zinc	66/128	2.70E-03 - 9.90E-02	5.00E-03 - 2.50E-01	L	1.49E-02	mg/L
1,1,1-Trichloroethane	2/106	3.00E-03 - 1.60E-02	3.60E-04 - 5.00E+01	N	3.91E-01	mg/L
1,1-Dichloroethane	3/108	1.10E-03 - 1.20E-02	3.70E-04 - 5.00E+01	N	3.86E-01	mg/L

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Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
1,1-Dichloroethene	10/125	1.60E-03 - 2.00E-01	4.40E-04 - 5.00E+01	N	3.55E-01	mg/L
1,2-Dichloroethane	1/152	2.00E-03 - 2.00E-03	2.70E-04 - 5.00E+01	N	1.90E+00	mg/L
1,2-Dichloroethene	2/10	5.00E-03 - 1.40E-02	5.00E-03 - 5.00E-03	N	2.95E-03	mg/L
2,4-Dichlorophenol	1/10	4.00E-04 - 4.00E-04	1.60E-04 - 1.00E-02	L	9.05E-03	mg/L
2,4-Dimethylphenol	1/10	4.40E-03 - 4.40E-03	1.10E-04 - 1.00E-02	N	3.73E-03	mg/L
4-Methyl-2-pentanone	1/13	1.90E-03 - 1.90E-03	1.10E-03 - 2.50E+01	L	4.27E-01	mg/L
4-Methylphenol	1/10	2.10E-04 - 2.10E-04	1.80E-04 - 1.00E-02	L	9.54E-03	mg/L
Acetone	1/14	5.20E-03 - 5.20E-03	1.40E-03 - 2.50E+01	L	5.43E-01	mg/L
Benzene	3/189	1.00E-03 - 7.80E-03	3.80E-04 - 5.00E+01	N	2.32E-01	mg/L
Bis(2-ethylhexyl)phthalate	1/10	1.00E-03 - 1.00E-03	3.00E-04 - 1.00E-02	L	5.80E-03	mg/L
Chloroethane	1/17	8.20E-01 - 8.20E-01	1.40E-03 - 2.50E+01	L	7.15E-01	mg/L
Chloroform	7/153	5.00E-03 - 1.70E-02	4.10E-04 - 5.00E+01	N	2.02E+00	mg/L
Di-n-butyl phthalate	3/10	4.40E-04 - 9.80E-04	1.00E-02 - 1.00E-02	L	7.51E-04	mg/L
Diethyl phthalate	1/10	8.50E-04 - 8.50E-04	2.30E-04 - 1.00E-02	L	7.17E-03	mg/L
Dimethylbenzene	13/189	7.20E-03 - 2.80E+00	1.30E-03 - 1.00E+02	N	4.07E-01	mg/L
Ethane	3/5	1.28E-01 - 3.03E-01	3.00E-02 - 3.00E-02	N	6.87E-02	mg/L
Ethylbenzene	15/190	8.70E-04 - 1.50E+00	4.40E-04 - 5.00E+01	N	2.50E-01	mg/L
Ethylene	3/5	2.24E+00 - 3.96E+00	3.00E-02 - 3.00E-02	N	9.18E-01	mg/L
Fluorene	1/17	7.00E-03 - 7.00E-03	2.20E-04 - 1.00E-02	N	3.17E-03	mg/L
Isophorone	1/10	6.60E-03 - 6.60E-03	2.20E-04 - 1.00E-02	N	3.85E-03	mg/L
Methylene chloride	6/13	5.00E-03 - 1.80E-02	3.50E-04 - 1.30E+01	L	3.49E-03	mg/L
Naphthalene	1/17	4.70E-02 - 4.70E-02	2.90E-04 - 1.00E-02	L	6.35E-03	mg/L
Phenanthrene	1/17	5.00E-03 - 5.00E-03	2.10E-04 - 1.00E-02	N	3.11E-03	mg/L
Toluene	1/188	1.80E-02 - 1.80E-02	4.40E-04 - 5.00E+01	N	2.33E-01	mg/L
Trichloroethene	314/470	1.00E-03 - 3.10E+03	1.00E-03 - 1.00E-01	N	2.08E+01	mg/L
Vinyl chloride	34/168	4.20E-02 - 5.00E+00	1.30E-03 - 1.00E+02	N	7.60E+00	mg/L
cis-1,2-Dichloroethene	58/158	6.70E-04 - 4.90E+00	4.70E-04 - 5.00E+01	N	3.74E+00	mg/L
trans-1,2-Dichloroethene	3/157	3.40E-03 - 5.00E-01	4.80E-04 - 5.00E+01	N	3.33E+00	mg/L
Alpha activity	288/344	1.41E-01 - 5.75E+01	-1.00E+01 - 1.00E+03	N	3.49E+01	pCi/L
Americium-241	2/5	1.90E-01 - 3.40E-01	-2.60E+00 - 0.00E+00	N	-3.97E-01	pCi/L
Beta activity	314/344	1.00E+00 - 1.26E+03	-9.00E+00 - 1.00E+03	L	4.98E+01	pCi/L
Cobalt-60	2/3	1.00E-01 - 1.20E+00	-4.00E-01 - -4.00E-01	N	1.50E-01	pCi/L
Neptunium-237	10/16	1.00E-02 - 2.37E+00	-4.00E-01 - 8.00E-02	L	3.33E-01	pCi/L
Plutonium-238	3/4	8.00E-02 - 1.10E-01	0.00E+00 - 0.00E+00	N	3.63E-02	pCi/L
Plutonium-239	5/13	1.00E-02 - 7.60E-01	-2.31E-01 - 9.00E-02	L	1.50E-01	pCi/L
Plutonium-239/240	1/1	2.07E-02 - 2.07E-02		NT	1.04E-02	pCi/L
Radium-226	2/5	3.70E-01 - 6.00E-01	0.00E+00 - 0.00E+00	N	9.70E-02	pCi/L
Radon-222	44/44	1.20E+01 - 2.05E+03		N	4.20E+02	pCi/L
Technetium-99	459/496	1.00E+00 - 1.01E+03	-7.00E+00 - 5.53E+02	N	1.66E+02	pCi/L
Thorium-228	2/2	3.40E-01 - 6.40E-01		N	2.45E-01	pCi/L

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Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Thorium-230	13/15	8.00E-02 - 8.00E-01	-2.68E-01 - 0.00E+00	N	2.09E-01	pCi/L
Thorium-232	2/2	1.80E-01 - 4.90E-01		N	1.68E-01	pCi/L
Uranium-234	14/16	1.50E-01 - 1.84E+01	3.00E-01 - 3.00E-01	L	2.19E+00	pCi/L
Uranium-235	6/9	9.12E-02 - 1.22E+00	1.52E-02 - 1.72E-02	L	2.42E-01	pCi/L
Uranium-235/236	4/5	1.00E-02 - 8.00E-02	-1.88E-01 --1.88E-01	N	-1.16E-02	pCi/L
Uranium-238	13/14	8.00E-02 - 4.19E+01	2.10E-01 - 2.10E-01	L	4.28E+00	pCi/L

AREA_CODE=m MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	23/66	1.02E-01 - 9.04E+01	1.00E-01 - 1.00E+00	L	4.19E-01	mg/L
Arsenic	4/41	5.00E-03 - 8.54E-02	5.00E-03 - 5.00E-03	N	3.89E-03	mg/L
Barium	34/41	6.80E-02 - 6.70E-01	5.00E-02 - 7.00E-02	L	1.65E-01	mg/L
Beryllium	1/41	1.70E-02 - 1.70E-02	4.00E-03 - 2.50E-02	N	5.82E-03	mg/L
Cadmium	1/41	2.10E-02 - 2.10E-02	1.00E-02 - 1.00E-01	L	1.44E-02	mg/L
Calcium	71/71	4.20E+00 - 1.18E+02		L	8.06E+00	mg/L
Chloride	68/68	2.60E+00 - 3.40E+01		N	8.46E+00	mg/L
Chromium	2/33	5.60E-02 - 2.32E-01	5.00E-02 - 6.00E-02	L	7.93E-03	mg/L
Cobalt	1/41	1.21E-01 - 1.21E-01	4.50E-02 - 1.00E-01	L	2.80E-02	mg/L
Copper	4/41	1.30E-02 - 1.63E-01	1.00E-02 - 1.00E-01	L	3.85E-03	mg/L
Fluoride	46/46	1.30E-01 - 3.90E-01		N	2.58E-01	mg/L
Iron	69/71	1.22E-01 - 1.79E+02	1.00E-02 - 3.60E-01	L	2.18E+01	mg/L
Magnesium	71/71	1.31E+00 - 6.46E+01		L	3.01E+00	mg/L
Manganese	71/71	8.20E-02 - 3.91E+00		L	3.97E-01	mg/L
Mercury	1/24	4.50E-03 - 4.50E-03	2.00E-04 - 2.00E-04	N	1.90E-04	mg/L
Molybdenum	1/36	3.15E-01 - 3.15E-01	5.00E-02 - 1.00E-01	L	3.24E-02	mg/L
Nickel	2/41	1.07E-01 - 1.09E-01	5.00E-02 - 1.00E-01	N	3.86E-02	mg/L
Nitrate as Nitrogen	4/68	1.00E+00 - 2.30E+00	1.00E+00 - 1.00E+00	N	5.15E-01	mg/L
Potassium	53/69	3.82E+00 - 8.61E+01	2.00E+00 - 1.05E+01	L	1.25E+01	mg/L
Silica	56/56	2.00E+00 - 5.80E+01		N	1.54E+01	mg/L
Sodium	71/71	1.41E+01 - 7.65E+01		L	1.01E+01	mg/L
Sulfate	4/4	1.90E+01 - 1.17E+03		N	1.71E+02	mg/L
Tetraoxo-sulfate(1-)	59/59	6.90E+00 - 1.97E+01		N	7.38E+00	mg/L
Thallium	2/24	1.03E-01 - 1.23E-01	5.60E-02 - 4.70E-01	L	2.35E-02	mg/L
Total Phosphate as Phosphorus	1/35	5.20E+00 - 5.20E+00	2.00E+00 - 2.00E+00	N	1.05E+00	mg/L
Uranium	4/49	1.00E-03 - 1.80E-02	1.00E-03 - 1.00E-03	N	1.37E-03	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=m MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Vanadium	16/24	5.20E-02 - 8.36E-01	4.00E-02 - 5.00E-02	L	1.03E-01	mg/L
Zinc	19/41	5.00E-03 - 5.64E-01	5.00E-03 - 2.50E-01	L	2.37E-02	mg/L
Trichloroethene	5/96	2.00E-03 - 7.00E-03	1.00E-03 - 1.00E-02	N	1.29E-03	mg/L
Alpha activity	83/95	5.00E-01 - 1.07E+02	-1.80E+01 --4.90E-01	L	4.83E+00	pCi/L
Beta activity	95/95	3.00E+00 - 2.36E+02		L	1.62E+01	pCi/L
Neptunium-237	6/17	1.00E-01 - 5.00E-01	-7.00E-01 --1.00E-01	N	-5.59E-02	pCi/L
Plutonium-239	3/17	1.00E-01 - 2.00E-01	0.00E+00 - 0.00E+00	N	1.18E-02	pCi/L
Radium-226	11/13	2.00E-01 - 1.30E+00	-7.00E-01 --6.00E-01	L	6.87E-01	pCi/L
Radon-222	54/54	6.40E+01 - 3.91E+02		N	1.10E+02	pCi/L
Technetium-99	74/100	1.00E+00 - 5.30E+01	-1.29E+01 - 0.00E+00	L	9.75E+00	pCi/L
Thorium-230	10/17	1.00E-01 - 2.30E+00	-1.00E-01 - 0.00E+00	L	3.20E-01	pCi/L

AREA_CODE=m MEDIA=Other Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	61/83	1.16E-01 - 8.77E+01	6.20E-01 - 1.00E+00	L	2.32E+00	mg/L
Ammonia as Nitrogen	1/3	6.23E+00 - 6.23E+00	3.00E-02 - 3.00E-02	N	1.05E+00	mg/L
Antimony	3/68	2.38E-02 - 6.40E-02	2.00E-02 - 2.50E-01	L	2.07E-02	mg/L
Arsenic	5/103	1.60E-03 - 2.10E-02	1.00E-03 - 5.00E-03	N	2.48E-03	mg/L
Barium	67/103	3.41E-02 - 2.78E-01	5.00E-02 - 2.00E-01	L	9.16E-02	mg/L
Beryllium	6/68	1.90E-03 - 6.28E-02	1.00E-03 - 2.50E-02	L	3.03E-04	mg/L
Cadmium	1/103	1.60E-02 - 1.60E-02	2.00E-03 - 1.00E-01	N	2.21E-02	mg/L
Calcium	65/65	3.94E+00 - 4.39E+02		L	2.87E+01	mg/L
Chloride	63/63	2.70E+00 - 7.74E+01		L	1.36E+01	mg/L
Chromium	11/65	2.00E-03 - 9.40E-02	2.00E-03 - 6.00E-02	N	2.49E-02	mg/L
Cobalt	11/68	3.50E-03 - 1.01E+00	3.00E-03 - 1.00E-01	N	4.58E-02	mg/L
Copper	18/67	4.30E-03 - 4.80E-02	2.00E-03 - 1.00E-01	L	9.64E-03	mg/L
Fluoride	51/59	1.50E-01 - 2.90E+00	1.00E-01 - 1.00E-01	L	4.89E-01	mg/L
Iron	82/100	1.60E-02 - 1.23E+03	1.00E-02 - 5.00E-01	L	2.29E+01	mg/L
Kjeldahl Nitrogen	3/4	3.50E-01 - 1.38E+00	2.00E+00 - 2.00E+00	N	6.33E-01	mg/L
Lead	14/100	1.60E-03 - 1.78E+00	1.00E-03 - 2.50E-01	N	1.02E-01	mg/L
Magnesium	100/100	1.52E+00 - 1.72E+02		L	2.15E+01	mg/L
Manganese	82/100	7.00E-03 - 6.00E+01	5.00E-03 - 5.00E-02	L	2.03E+00	mg/L
Mercury	2/61	3.00E-04 - 3.80E-03	2.00E-04 - 4.00E-04	N	1.32E-04	mg/L
Nickel	25/103	7.70E-03 - 7.76E-01	5.00E-02 - 1.00E-01	L	3.99E-02	mg/L
Nitrate as Nitrogen	35/60	1.00E+00 - 4.60E+00	1.00E+00 - 1.00E+00	L	1.74E+00	mg/L

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Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Nitrate/Nitrite	2/4	2.10E-01 - 2.20E-01	5.00E-02 - 5.00E-02	N	6.63E-02	mg/L
Potassium	39/97	6.04E-01 - 2.46E+01	2.00E+00 - 1.05E+01	L	5.18E+00	mg/L
Selenium	3/66	1.10E-03 - 4.90E-03	1.00E-03 - 1.50E-02	N	2.37E-03	mg/L
Silica	77/78	6.00E+00 - 5.02E+02	1.00E+01 - 1.00E+01	L	3.51E+01	mg/L
Silver	1/31	2.20E-03 - 2.20E-03	2.00E-03 - 6.00E-02	N	2.22E-02	mg/L
Sodium	100/100	8.18E+00 - 2.05E+02		L	2.83E+01	mg/L
Strontium	30/38	4.07E-01 - 2.33E+00	5.00E-01 - 1.21E+00	N	5.38E-01	mg/L
Sulfate	3/3	1.38E+01 - 1.98E+03		N	3.43E+02	mg/L
Sulfide	2/4	2.40E+00 - 2.40E+00	1.00E+00 - 1.00E+00	N	8.50E-01	mg/L
Tetraoxo-sulfate(1-)	48/48	1.70E+00 - 4.87E+03		L	2.37E+02	mg/L
Thallium	1/45	7.50E-02 - 7.50E-02	1.00E-03 - 4.70E-01	L	7.93E-02	mg/L
Tin	1/4	1.05E-02 - 1.05E-02	1.00E-02 - 1.00E-02	N	5.06E-03	mg/L
Total Phosphate as Phosphorus	1/3	3.40E-01 - 3.40E-01	1.00E-01 - 1.00E-01	N	9.00E-02	mg/L
Uranium	48/103	1.00E-03 - 1.40E-02	1.00E-03 - 1.00E-03	N	2.32E-03	mg/L
Vanadium	33/45	1.70E-03 - 4.98E+00	4.10E-02 - 5.00E-02	L	7.76E-02	mg/L
Zinc	36/68	4.00E-03 - 1.99E+00	5.00E-03 - 2.50E-01	L	2.88E-02	mg/L
1,1,1-Trichloroethane	3/71	6.00E-03 - 4.40E-02	5.00E-03 - 2.50E-01	N	9.70E-03	mg/L
1,1-Dichloroethane	11/71	3.00E-03 - 1.40E-01	5.00E-03 - 2.50E-01	N	1.20E-02	mg/L
1,1-Dichloroethene	11/71	1.80E-02 - 4.60E-01	5.00E-03 - 2.50E-01	N	1.82E-02	mg/L
1,2-Dichloroethene	2/9	3.40E-02 - 3.30E-01	5.00E-03 - 5.00E-03	L	1.78E-03	mg/L
Acetone	1/9	1.00E-01 - 1.00E-01	1.00E-01 - 1.00E-01	N	5.00E-02	mg/L
Di-n-butyl phthalate	1/10	1.40E-02 - 1.40E-02	1.00E-02 - 1.00E-02	N	5.20E-03	mg/L
Methylene chloride	8/9	1.00E-03 - 1.10E-02	5.00E-03 - 5.00E-03	N	3.42E-03	mg/L
Naphthalene	1/10	7.00E-02 - 7.00E-02	1.00E-02 - 1.00E-02	N	8.00E-03	mg/L
Phenanthrene	1/10	2.00E-03 - 2.00E-03	1.00E-02 - 1.00E-02	N	4.60E-03	mg/L
Trichloroethene	22/110	1.00E-03 - 6.00E-01	1.00E-03 - 5.00E-03	N	1.47E-02	mg/L
Vinyl chloride	1/71	1.50E-02 - 1.50E-02	5.00E-03 - 2.50E-01	N	2.64E-02	mg/L
cis-1,2-Dichloroethene	32/63	1.40E-02 - 4.20E+00	5.00E-03 - 5.00E-03	L	3.94E-02	mg/L
Alpha activity	93/121	1.00E-01 - 5.99E+01	-1.13E+01 - 1.04E+01	L	5.90E+00	pCi/L
Beta activity	106/121	1.00E+00 - 1.60E+02	-6.00E+00 - 3.13E+01	L	1.55E+01	pCi/L
Neptunium-237	13/36	1.00E-01 - 8.00E-01	-1.00E+00 - 0.00E+00	L	3.92E-01	pCi/L
Plutonium-238	1/1	1.00E-01 - 1.00E-01		NT	5.00E-02	pCi/L
Plutonium-239	7/35	1.00E-01 - 1.00E-01	0.00E+00 - 7.00E-02	L	4.82E-02	pCi/L
Plutonium-242	1/1	1.83E-02 - 1.83E-02		NT	9.15E-03	pCi/L
Radium-226	24/30	1.00E-01 - 9.00E-01	-1.00E+00 - 0.00E+00	L	4.47E-01	pCi/L
Radon-222	58/58	9.00E+00 - 5.29E+03		L	3.30E+02	pCi/L
Technetium-99	87/121	9.17E-01 - 1.88E+02	-1.59E+01 - 9.40E-01	L	9.18E+00	pCi/L
Thorium-228	1/1	7.80E-01 - 7.80E-01		NT	3.90E-01	pCi/L
Thorium-230	30/36	1.00E-01 - 1.60E+00	-5.00E-01 - 0.00E+00	N	2.04E-01	pCi/L
Thorium-232	1/1	6.40E-01 - 6.40E-01		NT	3.20E-01	pCi/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Uranium-234	11/14	1.80E-01 - 8.44E+00	1.30E-01 - 1.70E-01	L	9.68E-01	pCi/L
Uranium-235	5/11	6.00E-02 - 6.10E-01	3.00E-02 - 1.20E-01	L	1.15E-01	pCi/L
Uranium-238	12/14	1.60E-01 - 8.72E+00	1.20E-01 - 1.90E-01	L	1.06E+00	pCi/L

AREA_CODE=m MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	263/594	2.80E-02 - 4.85E+01	2.00E-02 - 1.00E+00	N	6.42E-01	mg/L
Antimony	6/782	1.70E-03 - 2.73E-01	1.30E-03 - 2.50E-01	N	7.61E-02	mg/L
Arsenic	23/788	1.80E-03 - 3.60E-02	5.00E-03 - 5.00E-03	N	2.58E-03	mg/L
Barium	758/784	2.10E-02 - 2.70E+00	3.50E-02 - 7.00E-02	N	9.39E-02	mg/L
Beryllium	31/719	2.00E-04 - 8.00E-03	1.00E-04 - 2.50E-02	N	6.87E-03	mg/L
Bicarbonate	3/3	1.81E+02 - 2.37E+02		N	1.01E+02	mg/L
Boron	34/48	3.00E-02 - 1.54E+00	3.00E-02 - 3.00E-02	L	1.63E-01	mg/L
Cadmium	13/799	1.00E-04 - 3.42E-01	5.00E-04 - 1.00E-01	N	9.16E-03	mg/L
Calcium	678/679	4.63E+00 - 1.34E+02	2.06E+01 - 2.06E+01	N	1.25E+01	mg/L
Cerium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	N	4.00E-02	mg/L
Chloride	976/979	2.70E+00 - 1.62E+02	2.00E+01 - 2.00E+01	N	2.07E+01	mg/L
Chromium	260/783	3.10E-03 - 2.51E+01	2.00E-03 - 1.32E+00	N	1.45E-01	mg/L
Cobalt	38/720	3.40E-03 - 8.40E-02	5.00E-03 - 4.50E-01	N	2.75E-02	mg/L
Copper	88/794	4.00E-03 - 1.87E+00	4.00E-03 - 1.00E-01	N	2.66E-02	mg/L
Fluoride	508/524	1.00E-01 - 7.10E-01	1.00E-01 - 1.80E-01	N	1.64E-01	mg/L
Gallium	24/48	9.00E-02 - 9.00E-02	9.00E-02 - 9.00E-02	N	4.50E-02	mg/L
Iron	779/1E3	1.00E-02 - 2.91E+02	5.00E-03 - 2.88E+00	N	2.06E+00	mg/L
Lead	13/588	4.00E-03 - 1.29E-01	3.00E-03 - 2.50E-01	N	4.79E-02	mg/L
Lithium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	N	4.00E-02	mg/L
Magnesium	681/681	1.04E-01 - 3.49E+01		N	4.92E+00	mg/L
Manganese	374/680	5.00E-03 - 1.49E+01	5.00E-03 - 1.00E+00	N	8.16E-02	mg/L
Mercury	2/576	3.00E-04 - 3.00E-04	2.00E-04 - 2.00E-03	N	1.16E-04	mg/L
Molybdenum	27/344	3.00E-02 - 2.86E-01	3.00E-02 - 1.00E-01	N	2.76E-02	mg/L
Nickel	230/794	1.00E-02 - 1.89E+00	1.00E-02 - 1.00E-01	N	6.01E-02	mg/L
Nitrate as Nitrogen	843/966	6.20E-01 - 3.83E+01	1.00E-01 - 1.00E+00	N	9.46E-01	mg/L
Potassium	186/638	1.39E+00 - 4.41E+01	2.00E+00 - 1.05E+01	N	2.79E+00	mg/L
Selenium	3/602	5.00E-03 - 9.00E-03	1.40E-03 - 1.50E-02	N	2.52E-03	mg/L
Silica	325/326	7.00E+00 - 5.20E+01	5.00E+00 - 5.00E+00	N	9.01E+00	mg/L
Silver	16/569	1.00E-03 - 3.90E-01	7.00E-04 - 6.00E-02	N	2.22E-02	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=m MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Sodium	1E3/1E3	3.35E+00 - 7.86E+01	5.00E+00 - 5.00E+00	N	1.83E+01	mg/L
Strontium	54/54	6.50E-02 - 1.70E-01		L	5.77E-02	mg/L
Sulfate	119/136	5.00E+00 - 7.42E+02	5.00E+00 - 1.00E+01	N	2.10E+01	mg/L
Tetraoxo-sulfate(1-)	539/552	3.00E+00 - 3.98E+02	5.00E+00 - 5.00E+00	N	1.01E+01	mg/L
Thallium	5/557	7.20E-02 - 1.35E-01	1.50E-03 - 4.70E-01	N	1.02E-01	mg/L
Thorium	24/48	5.00E-02 - 5.00E-02	5.00E-02 - 5.00E-02	N	2.50E-02	mg/L
Titanium	27/48	6.00E-02 - 2.20E-01	6.00E-02 - 6.00E-02	N	3.31E-02	mg/L
Total Phosphate as Phosphorus	3/289	2.20E+00 - 2.80E+00	2.00E+00 - 2.00E+00	N	1.00E+00	mg/L
Uranium	25/823	1.00E-03 - 2.40E-02	1.00E-03 - 1.00E-03	N	1.09E-03	mg/L
Vanadium	262/567	4.00E-03 - 4.28E-01	5.00E-03 - 5.00E-01	N	5.99E-02	mg/L
Zinc	251/794	5.00E-03 - 5.30E+00	5.00E-03 - 5.00E-01	N	5.00E-02	mg/L
Zirconium	24/48	2.00E-02 - 2.00E-02	2.00E-02 - 2.00E-02	N	1.00E-02	mg/L
1,1,1-Trichloroethane	1/1E3	4.00E-03 - 4.00E-03	5.00E-05 - 5.00E+00	N	3.60E-02	mg/L
1,1-Dichloroethene	3/1E3	1.60E-03 - 2.00E-02	5.00E-05 - 5.00E+00	N	3.59E-02	mg/L
1,2-Dichlorobenzene	1/343	5.70E-05 - 5.70E-05	5.00E-05 - 2.00E-02	N	2.46E-03	mg/L
1,2-Dichloroethene	5/36	1.00E-03 - 1.40E-02	1.00E-03 - 5.00E-02	L	9.52E-04	mg/L
1,3,5-Trimethylbenzene	1/1	2.00E-04 - 2.00E-04		NT	1.00E-04	mg/L
1,4-Dichlorobenzene	1/343	6.20E-05 - 6.20E-05	5.00E-05 - 2.00E-02	N	2.46E-03	mg/L
2-Butanone	45/382	2.00E-03 - 1.70E-01	5.00E-03 - 5.00E-01	N	9.69E-03	mg/L
4-Bromofluorobenzene	2/2	9.40E-02 - 9.40E-02		N	4.70E-02	mg/L
4-Methyl-2-pentanone	2/411	2.00E-03 - 1.70E-02	2.00E-03 - 2.50E-01	N	7.86E-03	mg/L
Acetone	54/382	1.00E-03 - 9.90E-02	2.00E-03 - 5.00E-01	N	9.38E-03	mg/L
Acrylonitrile	1/378	1.00E-02 - 1.00E-02	1.00E-03 - 2.00E-01	N	1.51E-02	mg/L
Benzene	2/1E3	1.40E-04 - 1.00E-03	5.00E-05 - 5.00E+00	N	3.63E-02	mg/L
Bis(2-ethylhexyl)phthalate	5/23	5.00E-04 - 2.80E-02	1.00E-02 - 2.00E-02	N	4.98E-03	mg/L
Bromomethane	3/413	5.50E-05 - 1.00E-03	5.00E-05 - 5.00E-02	N	2.70E-03	mg/L
Carbazole	1/3	1.20E-02 - 1.20E-02	1.00E-02 - 2.00E-02	N	7.00E-03	mg/L
Carbon tetrachloride	2/1E3	2.00E-04 - 6.00E-04	5.00E-05 - 5.00E+00	N	3.34E-02	mg/L
Chlorobenzene	2/413	4.60E-05 - 1.00E-03	5.00E-05 - 2.50E-02	N	2.42E-03	mg/L
Chloroethane	1/418	1.00E-03 - 1.00E-03	5.00E-05 - 1.00E-01	N	2.87E-03	mg/L
Chloroform	10/1E3	4.90E-05 - 2.00E-03	5.00E-05 - 5.00E+00	N	3.34E-02	mg/L
Chloromethane	14/411	5.70E-05 - 2.00E-03	5.00E-05 - 5.00E-02	N	2.74E-03	mg/L
Chrysene	1/23	6.00E-04 - 6.00E-04	1.00E-02 - 2.00E-02	N	5.23E-03	mg/L
Di-n-butyl phthalate	2/23	1.00E-02 - 1.00E-02	1.00E-02 - 2.00E-02	N	5.43E-03	mg/L
Dichlorodifluoromethane	1/404	7.40E-05 - 7.40E-05	5.00E-05 - 5.00E-03	N	2.25E-03	mg/L
Diethyl phthalate	1/23	1.10E-02 - 1.10E-02	1.00E-02 - 2.00E-02	L	5.23E-03	mg/L
Dimethylbenzene	3/1E3	1.00E-03 - 6.00E-03	5.00E-05 - 1.00E+01	N	5.75E-02	mg/L
Ethanol	7/340	7.00E-03 - 3.50E-01	5.00E-02 - 1.00E+00	N	1.58E-01	mg/L
Ethylbenzene	1/1E3	1.00E-03 - 1.00E-03	5.00E-05 - 5.00E+00	N	3.63E-02	mg/L
Methylene chloride	39/413	4.60E-05 - 1.80E-02	5.00E-05 - 2.50E-02	N	3.47E-03	mg/L

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Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=m MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
PCB-1254	1/20	9.00E-04 - 9.00E-04	1.00E-04 - 5.90E-04	N	3.27E-04	mg/L
Polychlorinated biphenyl	1/99	1.00E-04 - 1.00E-04	1.00E-04 - 1.70E-04	N	1.04E-04	mg/L
Tetrachloroethene	4/1E3	6.90E-05 - 2.00E-03	5.00E-05 - 5.00E+00	N	3.53E-02	mg/L
Toluene	15/1E3	4.70E-05 - 9.00E-03	5.00E-05 - 5.00E+00	N	3.63E-02	mg/L
Trichloroethene	966/1E3	6.50E-05 - 1.67E+02	1.00E-03 - 3.10E-01	N	3.85E-01	mg/L
Trichlorofluoromethane	7/404	5.50E-05 - 2.00E-03	5.00E-05 - 1.00E-02	N	2.37E-03	mg/L
Vinyl chloride	1/1E3	1.00E-03 - 1.00E-03	5.00E-05 - 1.00E+01	N	1.04E-01	mg/L
cis-1,2-Dichloroethene	20/1E3	5.10E-05 - 2.20E-02	5.00E-05 - 5.00E+00	N	7.62E-02	mg/L
m,p-Xylene	3/12	4.60E-05 - 1.50E-04	1.00E-04 - 1.00E-04	N	4.80E-05	mg/L
trans-1,2-Dichloroethene	4/1E3	5.40E-05 - 5.00E-03	5.00E-05 - 5.00E+00	N	7.26E-02	mg/L
trans-1,3-Dichloropropene	1/413	1.70E-04 - 1.70E-04	5.00E-05 - 2.50E-02	N	2.59E-03	mg/L
Alpha activity	1E3/2E3	1.00E-01 - 1.88E+02	-6.18E+01 - 1.00E+03	N	2.07E+01	pCi/L
Americium-241	3/8	1.00E-01 - 8.00E-01	-1.90E+00 - -3.00E-01	N	-2.06E-01	pCi/L
Beta activity	2E3/2E3	4.20E-01 - 1.81E+03	-7.00E+00 - 1.00E+03	N	6.86E+01	pCi/L
Cesium-137	5/8	1.00E-01 - 6.00E-01	-4.00E-01 - 0.00E+00	L	3.93E-01	pCi/L
Cobalt-60	6/8	1.00E-01 - 1.20E+00	-4.00E-01 - 0.00E+00	N	2.00E-01	pCi/L
Neptunium-237	28/48	1.00E-01 - 8.00E-01	-4.00E-01 - 0.00E+00	N	4.37E-02	pCi/L
Plutonium-239	9/48	1.00E-01 - 2.00E-01	-1.60E-01 - 0.00E+00	L	1.20E-01	pCi/L
Radium-226	20/27	2.00E-01 - 1.30E+00	-1.00E+00 - 0.00E+00	L	5.37E-01	pCi/L
Radon-222	498/499	8.00E-01 - 1.97E+03	0.00E+00 - 0.00E+00	N	2.14E+02	pCi/L
Technetium-99	1E3/2E3	2.00E-01 - 2.11E+03	-1.51E+01 - 2.50E+01	N	1.18E+02	pCi/L
Thorium-230	38/47	1.00E-01 - 1.60E+00	-4.00E-01 - 0.00E+00	N	1.86E-01	pCi/L
Thorium-234	1/1	6.00E-01 - 6.00E-01		NT	3.00E-01	pCi/L

AREA_CODE=m MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	37/50	1.06E-01 - 8.00E+01	6.20E-01 - 1.00E+00	L	2.26E+00	mg/L
Antimony	4/44	2.00E-03 - 2.35E-01	1.30E-03 - 2.50E-01	N	4.75E-02	mg/L
Arsenic	12/63	5.40E-03 - 5.70E-02	5.00E-03 - 5.00E-03	N	3.29E-03	mg/L
Barium	59/63	3.80E-02 - 1.19E+00	7.00E-02 - 7.00E-02	L	2.30E-01	mg/L
Cadmium	2/67	1.80E-02 - 1.90E-02	1.00E-02 - 1.00E-01	N	8.15E-03	mg/L
Calcium	60/61	5.36E+00 - 1.28E+02	2.00E+00 - 2.00E+00	L	3.75E+01	mg/L
Chloride	79/82	1.47E+00 - 2.13E+02	2.00E+00 - 1.00E+01	L	2.19E+01	mg/L
Chromium	7/67	5.40E-02 - 1.46E-01	5.00E-02 - 6.00E-02	N	2.78E-02	mg/L
Cobalt	1/43	6.60E-02 - 6.60E-02	4.50E-02 - 1.00E-01	N	2.53E-02	mg/L

526789

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=m MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Copper	34/67	1.00E-02 - 1.32E+00	1.00E-02 - 1.00E-01	L	6.99E-02	mg/L
Fluoride	53/60	1.00E-01 - 8.90E+00	1.00E-01 - 1.00E-01	L	5.21E-01	mg/L
Iron	81/89	1.60E-02 - 6.80E+01	1.00E-02 - 3.60E-01	L	2.93E+00	mg/L
Lead	5/50	5.70E-02 - 2.35E-01	5.00E-02 - 2.50E-01	L	2.12E-02	mg/L
Magnesium	60/61	2.75E+00 - 4.37E+01	1.00E-01 - 1.00E-01	L	1.37E+01	mg/L
Manganese	37/61	5.00E-03 - 8.06E+00	5.00E-03 - 1.00E-01	L	1.34E-01	mg/L
Mercury	3/46	4.00E-04 - 5.00E-04	2.00E-04 - 2.00E-04	N	1.08E-04	mg/L
Nickel	12/66	7.60E-02 - 5.95E-01	5.00E-02 - 1.00E-01	N	4.96E-02	mg/L
Nitrate	1/1	2.10E+00 - 2.10E+00		NT	1.05E+00	mg/L
Nitrate as Nitrogen	37/77	2.80E-01 - 7.80E+00	1.00E-01 - 1.00E+00	L	9.77E-01	mg/L
Potassium	14/55	2.08E+00 - 1.36E+01	2.00E+00 - 1.05E+01	L	2.80E+00	mg/L
Selenium	1/50	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-03	N	2.50E-03	mg/L
Silica	48/48	1.10E+01 - 4.30E+01		N	1.57E+01	mg/L
Silver	1/38	4.50E-02 - 4.50E-02	3.00E-02 - 6.00E-02	N	1.89E-02	mg/L
Sodium	85/86	7.56E+00 - 1.49E+02	5.00E+00 - 5.00E+00	N	2.95E+01	mg/L
Sulfate	13/13	1.60E+01 - 1.90E+02		L	4.64E+01	mg/L
Tetraoxo-sulfate(1-)	62/62	6.20E+00 - 3.76E+02		L	3.63E+01	mg/L
Thallium	1/31	8.20E-03 - 8.20E-03	1.50E-03 - 4.70E-01	L	5.00E-02	mg/L
Uranium	36/82	1.00E-03 - 6.40E-01	1.00E-03 - 1.00E-03	N	3.91E-02	mg/L
Vanadium	27/33	5.00E-02 - 7.60E-01	5.00E-02 - 5.00E-02	L	1.72E-01	mg/L
Zinc	48/66	6.00E-03 - 1.88E+00	5.00E-03 - 2.50E-01	L	1.02E-01	mg/L
2-Butanone	3/29	4.00E-03 - 7.00E-03	5.00E-03 - 1.00E-01	L	4.59E-03	mg/L
Acetone	4/29	2.00E-03 - 1.50E-02	5.00E-03 - 1.00E-01	L	4.80E-03	mg/L
Benzene	1/80	5.00E-03 - 5.00E-03	1.00E-03 - 5.00E-02	N	2.68E-03	mg/L
Bromodichloromethane	1/82	9.00E-03 - 9.00E-03	1.00E-03 - 5.00E-01	N	5.72E-03	mg/L
Chloroform	3/83	2.00E-03 - 2.40E-02	1.00E-03 - 5.00E-01	N	5.75E-03	mg/L
Dibromochloromethane	1/30	2.00E-03 - 2.00E-03	1.00E-03 - 5.00E-03	N	2.18E-03	mg/L
Dichlorodifluoromethane	3/28	1.00E-03 - 6.00E-03	1.00E-03 - 5.00E-03	N	2.34E-03	mg/L
Ethanol	3/28	7.00E-03 - 2.40E-02	5.00E-02 - 1.00E+00	L	1.88E-02	mg/L
Methylene chloride	10/29	1.00E-03 - 1.30E-02	1.00E-03 - 1.00E-02	L	3.08E-03	mg/L
Trichloroethene	13/153	1.00E-03 - 5.60E-02	1.00E-03 - 1.00E-01	N	2.48E-03	mg/L
Alpha activity	117/145	1.00E-01 - 3.49E+02	-1.07E+01 - 1.00E+03	N	4.18E+01	pCi/L
Beta activity	136/145	1.00E+00 - 1.00E+03	-4.00E+00 - 1.00E+03	N	3.09E+01	pCi/L
Cesium-137	3/4	2.00E-01 - 9.00E-01	-7.00E-01 --7.00E-01	N	8.75E-02	pCi/L
Cobalt-60	4/4	7.00E-01 - 1.40E+00		N	5.13E-01	pCi/L
Neptunium-237	2/7	2.00E-01 - 2.00E-01	-5.00E-01 - 0.00E+00	N	-5.71E-02	pCi/L
Plutonium-239	1/7	2.00E-01 - 2.00E-01	0.00E+00 - 0.00E+00	N	1.43E-02	pCi/L
Radium-226	7/10	3.00E-01 - 1.60E+00	-9.00E-01 - 0.00E+00	L	6.97E-01	pCi/L
Radon-222	35/35	4.00E+01 - 6.95E+02		L	1.37E+02	pCi/L
Technetium-99	124/155	1.00E+00 - 3.39E+02	-9.40E+00 - 0.00E+00	L	2.27E+01	pCi/L

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Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=m MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Thorium-230	3/7	3.00E-01 - 4.00E-01	0.00E+00 - 0.00E+00	N	7.86E-02	pCi/L

AREA_CODE=n MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	30/110	1.02E-01 - 9.04E+01	1.00E-01 - 1.00E+00	N	8.57E-01	mg/L
Antimony	1/76	1.85E-01 - 1.85E-01	6.00E-02 - 2.50E-01	N	7.50E-02	mg/L
Arsenic	4/59	5.00E-03 - 8.54E-02	5.00E-03 - 5.00E-03	N	3.46E-03	mg/L
Barium	51/59	6.80E-02 - 6.70E-01	5.00E-02 - 7.00E-02	L	1.65E-01	mg/L
Beryllium	1/59	1.70E-02 - 1.70E-02	4.00E-03 - 2.50E-02	N	6.06E-03	mg/L
Cadmium	1/59	2.10E-02 - 2.10E-02	1.00E-02 - 1.00E-01	L	1.54E-02	mg/L
Calcium	119/119	4.20E+00 - 1.18E+02		L	8.59E+00	mg/L
Chloride	113/113	2.60E+00 - 5.51E+01		L	6.80E+00	mg/L
Chromium	2/49	5.60E-02 - 2.32E-01	5.00E-02 - 6.00E-02	N	2.88E-02	mg/L
Cobalt	1/59	1.21E-01 - 1.21E-01	4.50E-02 - 1.00E-01	N	2.77E-02	mg/L
Copper	6/59	1.30E-02 - 1.63E-01	1.00E-02 - 1.00E-01	L	5.37E-03	mg/L
Fluoride	71/71	1.30E-01 - 3.90E-01		L	2.24E-01	mg/L
Iron	116/119	1.22E-01 - 1.79E+02	1.00E-02 - 3.60E-01	N	7.61E+00	mg/L
Magnesium	119/119	1.31E+00 - 6.46E+01		L	3.41E+00	mg/L
Manganese	118/119	8.20E-02 - 3.91E+00	2.00E-02 - 2.00E-02	N	3.46E-01	mg/L
Mercury	1/41	4.50E-03 - 4.50E-03	2.00E-04 - 2.00E-04	N	1.52E-04	mg/L
Molybdenum	1/50	3.15E-01 - 3.15E-01	5.00E-02 - 1.00E-01	L	3.20E-02	mg/L
Nickel	2/59	1.07E-01 - 1.09E-01	5.00E-02 - 1.00E-01	N	3.95E-02	mg/L
Nitrate as Nitrogen	5/113	1.00E+00 - 5.60E+00	1.00E+00 - 1.00E+00	N	5.29E-01	mg/L
Potassium	78/113	3.82E+00 - 8.61E+01	2.00E+00 - 1.05E+01	N	5.45E+00	mg/L
Silica	91/91	2.00E+00 - 5.80E+01		N	1.29E+01	mg/L
Sodium	119/119	1.41E+01 - 7.65E+01		L	1.13E+01	mg/L
Sulfate	4/5	1.90E+01 - 1.17E+03	5.00E+00 - 5.00E+00	N	1.37E+02	mg/L
Tetraoxo-sulfate(1-)	86/100	1.40E+00 - 2.89E+01	5.00E+00 - 5.00E+00	N	6.93E+00	mg/L
Thallium	3/32	1.03E-01 - 1.02E+00	5.60E-02 - 4.70E-01	L	8.48E-03	mg/L
Total Phosphate as Phosphorus	1/70	5.20E+00 - 5.20E+00	2.00E+00 - 2.00E+00	N	1.02E+00	mg/L
Uranium	4/68	1.00E-03 - 1.80E-02	1.00E-03 - 1.00E-03	N	1.26E-03	mg/L
Vanadium	21/32	4.00E-02 - 8.36E-01	4.00E-02 - 5.00E-02	L	8.85E-02	mg/L
Zinc	33/59	5.00E-03 - 5.64E-01	5.00E-03 - 2.50E-01	L	4.36E-02	mg/L
Trichloroethene	10/154	1.00E-03 - 9.60E+00	1.00E-03 - 1.00E-02	N	6.36E-02	mg/L
Alpha activity	124/145	2.00E-01 - 1.07E+02	-3.11E+01 - 0.00E+00	L	4.21E+00	pCi/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=n MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Beta activity	144/145	1.00E+00 - 1.48E+03	0.00E+00 - 0.00E+00	L	2.73E+01	pCi/L
Neptunium-237	12/27	1.00E-01 - 5.00E-01	-7.00E-01 - 0.00E+00	N	-1.48E-02	pCi/L
Plutonium-238	1/2	5.00E-02 - 5.00E-02	-1.00E-01 - 1.00E-01	N	-1.25E-02	pCi/L
Plutonium-239	4/24	1.00E-01 - 2.00E-01	0.00E+00 - 0.00E+00	N	1.04E-02	pCi/L
Radium-226	19/22	1.00E-01 - 1.30E+00	-7.00E-01 - 0.00E+00	L	6.56E-01	pCi/L
Radon-222	98/98	2.20E+01 - 3.91E+02		N	8.60E+01	pCi/L
Technetium-99	113/158	5.00E-01 - 1.95E+03	-1.29E+01 - 0.00E+00	L	1.11E+01	pCi/L
Thorium-230	16/26	1.00E-02 - 2.30E+00	-1.41E-01 - 0.00E+00	L	3.15E-01	pCi/L

AREA_CODE=n MEDIA=Other Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	61/83	1.16E-01 - 8.77E+01	6.20E-01 - 1.00E+00	L	2.32E+00	mg/L
Ammonia as Nitrogen	1/3	6.23E+00 - 6.23E+00	3.00E-02 - 3.00E-02	N	1.05E+00	mg/L
Antimony	3/68	2.38E-02 - 6.40E-02	2.00E-02 - 2.50E-01	L	2.07E-02	mg/L
Arsenic	5/103	1.60E-03 - 2.10E-02	1.00E-03 - 5.00E-03	N	2.48E-03	mg/L
Barium	67/103	3.41E-02 - 2.78E-01	5.00E-02 - 2.00E-01	L	9.16E-02	mg/L
Beryllium	6/68	1.90E-03 - 6.28E-02	1.00E-03 - 2.50E-02	L	3.03E-04	mg/L
Cadmium	1/103	1.60E-02 - 1.60E-02	2.00E-03 - 1.00E-01	N	2.21E-02	mg/L
Calcium	65/65	3.94E+00 - 4.39E+02		L	2.87E+01	mg/L
Chloride	63/63	2.70E+00 - 7.74E+01		L	1.36E+01	mg/L
Chromium	11/65	2.00E-03 - 9.40E-02	2.00E-03 - 6.00E-02	N	2.49E-02	mg/L
Cobalt	11/68	3.50E-03 - 1.01E+00	3.00E-03 - 1.00E-01	N	4.58E-02	mg/L
Copper	18/67	4.30E-03 - 4.80E-02	2.00E-03 - 1.00E-01	L	9.64E-03	mg/L
Fluoride	51/59	1.50E-01 - 2.90E+00	1.00E-01 - 1.00E-01	L	4.89E-01	mg/L
Iron	82/100	1.60E-02 - 1.23E+03	1.00E-02 - 5.00E-01	L	2.29E+01	mg/L
Kjeldahl Nitrogen	3/4	3.50E-01 - 1.38E+00	2.00E+00 - 2.00E+00	N	6.33E-01	mg/L
Lead	14/100	1.60E-03 - 1.78E+00	1.00E-03 - 2.50E-01	N	1.02E-01	mg/L
Magnesium	100/100	1.52E+00 - 1.72E+02		L	2.15E+01	mg/L
Manganese	82/100	7.00E-03 - 6.00E+01	5.00E-03 - 5.00E-02	L	2.03E+00	mg/L
Mercury	2/61	3.00E-04 - 3.80E-03	2.00E-04 - 4.00E-04	N	1.32E-04	mg/L
Nickel	25/103	7.70E-03 - 7.76E-01	5.00E-02 - 1.00E-01	L	3.99E-02	mg/L
Nitrate as Nitrogen	35/60	1.00E+00 - 4.60E+00	1.00E+00 - 1.00E+00	L	1.74E+00	mg/L
Nitrate/Nitrite	2/4	2.10E-01 - 2.20E-01	5.00E-02 - 5.00E-02	N	6.63E-02	mg/L
Potassium	39/97	6.04E-01 - 2.46E+01	2.00E+00 - 1.05E+01	L	5.18E+00	mg/L
Selenium	3/66	1.10E-03 - 4.90E-03	1.00E-03 - 1.50E-02	N	2.37E-03	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=n MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Silica	77/78	6.00E+00 - 5.02E+02	1.00E+01 - 1.00E+01	L	3.51E+01	mg/L
Silver	1/31	2.20E-03 - 2.20E-03	2.00E-03 - 6.00E-02	N	2.22E-02	mg/L
Sodium	100/100	8.18E+00 - 2.05E+02		L	2.83E+01	mg/L
Strontium	30/38	4.07E-01 - 2.33E+00	5.00E-01 - 1.21E+00	N	5.38E-01	mg/L
Sulfate	3/3	1.38E+01 - 1.98E+03		N	3.43E+02	mg/L
Sulfide	2/4	2.40E+00 - 2.40E+00	1.00E+00 - 1.00E+00	N	8.50E-01	mg/L
Tetraoxo-sulfate(1-)	48/48	1.70E+00 - 4.87E+03		L	2.37E+02	mg/L
Thallium	1/45	7.50E-02 - 7.50E-02	1.00E-03 - 4.70E-01	L	7.93E-02	mg/L
Tin	1/4	1.05E-02 - 1.05E-02	1.00E-02 - 1.00E-02	N	5.06E-03	mg/L
Total Phosphate as Phosphorus	1/3	3.40E-01 - 3.40E-01	1.00E-01 - 1.00E-01	N	9.00E-02	mg/L
Uranium	48/103	1.00E-03 - 1.40E-02	1.00E-03 - 1.00E-03	N	2.32E-03	mg/L
Vanadium	33/45	1.70E-03 - 4.98E+00	4.10E-02 - 5.00E-02	L	7.76E-02	mg/L
Zinc	36/68	4.00E-03 - 1.99E+00	5.00E-03 - 2.50E-01	L	2.88E-02	mg/L
1,1,1-Trichloroethane	3/72	6.00E-03 - 4.40E-02	5.00E-03 - 2.50E-01	N	9.60E-03	mg/L
1,1-Dichloroethane	11/72	3.00E-03 - 1.40E-01	5.00E-03 - 2.50E-01	N	1.18E-02	mg/L
1,1-Dichloroethene	11/72	1.80E-02 - 4.60E-01	5.00E-03 - 2.50E-01	N	1.80E-02	mg/L
1,2-Dichloroethene	2/10	3.40E-02 - 3.30E-01	5.00E-03 - 5.00E-03	L	1.17E-03	mg/L
Acetone	1/10	1.00E-01 - 1.00E-01	1.00E-01 - 1.00E-01	N	5.00E-02	mg/L
Di-n-butyl phthalate	1/10	1.40E-02 - 1.40E-02	1.00E-02 - 1.00E-02	N	5.20E-03	mg/L
Methylene chloride	9/10	1.00E-03 - 1.10E-02	5.00E-03 - 5.00E-03	N	3.33E-03	mg/L
Naphthalene	1/10	7.00E-02 - 7.00E-02	1.00E-02 - 1.00E-02	N	8.00E-03	mg/L
Phenanthrene	1/10	2.00E-03 - 2.00E-03	1.00E-02 - 1.00E-02	N	4.60E-03	mg/L
Trichloroethene	22/111	1.00E-03 - 6.00E-01	1.00E-03 - 5.00E-03	N	1.46E-02	mg/L
Vinyl chloride	1/72	1.50E-02 - 1.50E-02	5.00E-03 - 2.50E-01	N	2.62E-02	mg/L
cis-1,2-Dichloroethene	32/63	1.40E-02 - 4.20E+00	5.00E-03 - 5.00E-03	L	3.94E-02	mg/L
Alpha activity	93/121	1.00E-01 - 5.99E+01	-1.13E+01 - 1.04E+01	L	5.90E+00	pCi/L
Beta activity	106/121	1.00E+00 - 1.60E+02	-6.00E+00 - 3.13E+01	L	1.55E+01	pCi/L
Neptunium-237	13/36	1.00E-01 - 8.00E-01	-1.00E+00 - 0.00E+00	L	3.92E-01	pCi/L
Plutonium-238	1/1	1.00E-01 - 1.00E-01		NT	5.00E-02	pCi/L
Plutonium-239	7/35	1.00E-01 - 1.00E-01	0.00E+00 - 7.00E-02	L	4.82E-02	pCi/L
Plutonium-242	1/1	1.83E-02 - 1.83E-02		NT	9.15E-03	pCi/L
Radium-226	24/30	1.00E-01 - 9.00E-01	-1.00E+00 - 0.00E+00	L	4.47E-01	pCi/L
Radon-222	58/58	9.00E+00 - 5.29E+03		L	3.30E+02	pCi/L
Technetium-99	87/121	9.17E-01 - 1.88E+02	-1.59E+01 - 9.40E-01	L	9.18E+00	pCi/L
Thorium-228	1/1	7.80E-01 - 7.80E-01		NT	3.90E-01	pCi/L
Thorium-230	30/36	1.00E-01 - 1.60E+00	-5.00E-01 - 0.00E+00	N	2.04E-01	pCi/L
Thorium-232	1/1	6.40E-01 - 6.40E-01		NT	3.20E-01	pCi/L
Uranium-234	11/14	1.80E-01 - 8.44E+00	1.30E-01 - 1.70E-01	L	9.68E-01	pCi/L
Uranium-235	5/11	6.00E-02 - 6.10E-01	3.00E-02 - 1.20E-01	L	1.15E-01	pCi/L
Uranium-238	12/14	1.60E-01 - 8.72E+00	1.20E-01 - 1.90E-01	L	1.06E+00	pCi/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=n MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	440/989	2.80E-02 - 1.43E+02	1.50E-02 - 1.00E+00	N	8.50E-01	mg/L
Antimony	6/1E3	1.70E-03 - 2.73E-01	1.30E-03 - 2.50E-01	N	7.46E-02	mg/L
Arsenic	57/1E3	1.80E-03 - 1.40E-01	1.00E-03 - 5.00E-03	N	2.75E-03	mg/L
Barium	1E3/1E3	1.00E-02 - 2.70E+00	3.50E-02 - 7.00E-02	N	9.48E-02	mg/L
Beryllium	43/974	2.00E-04 - 1.40E-02	1.00E-04 - 1.00E-01	N	6.50E-03	mg/L
Bicarbonate	3/3	1.81E+02 - 2.37E+02		N	1.01E+02	mg/L
Boron	34/48	3.00E-02 - 1.54E+00	3.00E-02 - 3.00E-02	L	1.63E-01	mg/L
Cadmium	19/1E3	1.00E-04 - 3.42E-01	2.67E-04 - 3.00E-01	N	8.90E-03	mg/L
Calcium	1E3/1E3	2.88E+00 - 1.34E+02	2.06E+01 - 2.06E+01	N	1.25E+01	mg/L
Cerium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	N	4.00E-02	mg/L
Chloride	1E3/1E3	2.70E+00 - 5.86E+02	2.00E+01 - 2.00E+01	N	2.18E+01	mg/L
Chromium	345/1E3	2.40E-03 - 2.51E+01	2.00E-03 - 1.32E+00	N	1.02E-01	mg/L
Cobalt	49/969	3.40E-03 - 9.00E-02	1.78E-03 - 4.50E-01	N	2.67E-02	mg/L
Copper	114/1E3	4.00E-03 - 1.87E+00	2.00E-03 - 4.50E-01	N	2.36E-02	mg/L
Fluoride	718/841	1.00E-01 - 7.20E+00	1.00E-01 - 1.00E+00	N	1.75E-01	mg/L
Gallium	24/48	9.00E-02 - 9.00E-02	9.00E-02 - 9.00E-02	N	4.50E-02	mg/L
Iron	1E3/2E3	1.00E-02 - 7.20E+02	5.00E-03 - 2.88E+00	N	2.59E+00	mg/L
Lead	34/1E3	2.40E-03 - 4.32E-01	1.00E-03 - 2.50E-01	N	4.71E-02	mg/L
Lithium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	N	4.00E-02	mg/L
Magnesium	1E3/1E3	1.04E-01 - 4.72E+01		N	4.97E+00	mg/L
Manganese	719/1E3	2.50E-03 - 1.49E+01	5.00E-03 - 1.00E+00	N	1.91E-01	mg/L
Mercury	3/1E3	3.00E-04 - 3.00E-04	2.00E-04 - 4.70E-02	N	2.07E-04	mg/L
Molybdenum	32/509	1.50E-02 - 2.86E-01	4.40E-03 - 1.00E-01	N	2.77E-02	mg/L
Nickel	324/1E3	7.40E-03 - 1.89E+00	4.20E-03 - 1.00E+00	N	5.94E-02	mg/L
Nitrate as Nitrogen	1E3/1E3	6.20E-01 - 3.93E+01	1.00E-01 - 1.00E+00	N	1.05E+00	mg/L
Nitrate/Nitrite	6/6	5.00E-02 - 9.40E+00		N	9.37E-01	mg/L
Potassium	263/1E3	1.10E-01 - 4.41E+01	2.00E+00 - 3.00E+01	N	2.86E+00	mg/L
Selenium	8/1E3	1.00E-03 - 4.76E-01	1.00E-03 - 1.50E-02	N	2.73E-03	mg/L
Silica	568/569	7.00E+00 - 5.20E+01	5.00E+00 - 5.00E+00	N	9.48E+00	mg/L
Silver	18/693	1.00E-03 - 3.90E-01	7.00E-04 - 6.00E-02	N	2.26E-02	mg/L
Sodium	1E3/1E3	3.35E+00 - 2.66E+02	5.00E+00 - 5.00E+00	N	1.71E+01	mg/L
Strontium	57/57	6.50E-02 - 3.33E-01		L	6.27E-02	mg/L
Sulfate	150/167	2.90E+00 - 7.42E+02	5.00E+00 - 1.00E+01	N	1.85E+01	mg/L
Tetraoxo-sulfate(1-)	938/969	1.80E+00 - 3.98E+02	2.00E+00 - 5.00E+00	N	9.22E+00	mg/L
Thallium	6/700	7.20E-02 - 2.38E-01	4.67E-04 - 4.70E-01	N	9.40E-02	mg/L
Thorium	24/48	5.00E-02 - 5.00E-02	5.00E-02 - 5.00E-02	N	2.50E-02	mg/L
Tin	4/41	1.80E-02 - 8.00E-01	1.00E-02 - 4.00E+00	L	4.22E-03	mg/L
Titanium	27/48	6.00E-02 - 2.20E-01	6.00E-02 - 6.00E-02	N	3.31E-02	mg/L
Total Phosphate as Phosphorus	15/557	1.70E+00 - 3.49E+01	2.00E+00 - 2.00E+00	N	1.06E+00	mg/L
Uranium	53/1E3	2.90E-04 - 1.90E-01	8.00E-05 - 9.20E-02	N	2.25E-03	mg/L
Vanadium	371/717	1.40E-03 - 9.50E-01	1.00E-03 - 5.00E-01	N	5.54E-02	mg/L

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Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Zinc	351/1E3	5.00E-03 - 5.30E+00	5.00E-03 - 5.00E-01	N	4.34E-02	mg/L
Zirconium	24/48	2.00E-02 - 2.00E-02	2.00E-02 - 2.00E-02	N	1.00E-02	mg/L
1,1,1-Trichloroethane	1/2E3	4.00E-03 - 4.00E-03	5.00E-05 - 5.00E+01	N	4.17E-01	mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	2/55	8.80E-04 - 5.70E-03	3.60E-04 - 5.00E-03	N	1.95E-03	mg/L
1,1,2-Trichloroethane	1/2E3	2.00E-03 - 2.00E-03	5.00E-05 - 5.00E+01	N	3.62E-01	mg/L
1,1-Dichloroethane	1/2E3	4.10E-03 - 4.10E-03	5.00E-05 - 5.00E+01	N	1.46E-01	mg/L
1,1-Dichloroethene	7/2E3	1.30E-03 - 6.50E-02	5.00E-05 - 5.00E+01	N	1.47E-01	mg/L
1,2-Dichlorobenzene	1/359	5.70E-05 - 5.70E-05	5.00E-05 - 2.00E-02	N	2.52E-03	mg/L
1,2-Dichloroethane	1/2E3	1.10E-03 - 1.10E-03	5.00E-05 - 5.00E+01	N	3.63E-01	mg/L
1,2-Dichloroethene	5/50	1.00E-03 - 1.40E-02	1.00E-03 - 1.25E+00	L	9.03E-04	mg/L
1,3,5-Trimethylbenzene	1/1	2.00E-04 - 2.00E-04		NT	1.00E-04	mg/L
1,4-Dichlorobenzene	1/359	6.20E-05 - 6.20E-05	5.00E-05 - 2.00E-02	N	2.52E-03	mg/L
2-Butanone	45/404	2.00E-03 - 1.70E-01	3.40E-03 - 2.50E+01	N	4.32E-02	mg/L
4-Bromofluorobenzene	2/2	9.40E-02 - 9.40E-02		N	4.70E-02	mg/L
4-Methyl-2-pentanone	3/433	2.00E-03 - 1.70E-02	1.10E-03 - 2.50E+01	N	3.85E-02	mg/L
Acetone	58/406	1.00E-03 - 9.90E-02	1.40E-03 - 2.50E+01	N	4.29E-02	mg/L
Acrylonitrile	1/384	1.00E-02 - 1.00E-02	1.00E-03 - 1.30E+02	N	1.93E-01	mg/L
Benzene	2/2E3	1.40E-04 - 1.00E-03	5.00E-05 - 5.00E+01	N	1.45E-01	mg/L
Bis(2-ethylhexyl)phthalate	7/35	5.00E-04 - 2.80E-02	9.00E-03 - 2.00E-02	N	4.71E-03	mg/L
Bromomethane	3/436	5.50E-05 - 1.00E-03	5.00E-05 - 2.50E+01	N	3.29E-02	mg/L
Butyl benzyl phthalate	1/35	1.00E-03 - 1.00E-03	9.00E-03 - 2.00E-02	N	4.99E-03	mg/L
Carbazole	1/15	1.20E-02 - 1.20E-02	9.00E-03 - 2.00E-02	L	5.32E-03	mg/L
Carbon tetrachloride	6/2E3	2.00E-04 - 1.60E-01	5.00E-05 - 5.00E+01	N	3.74E-01	mg/L
Chlorobenzene	3/435	4.60E-05 - 2.00E-03	5.00E-05 - 1.30E+01	N	1.81E-02	mg/L
Chloroethane	1/448	1.00E-03 - 1.00E-03	5.00E-05 - 2.50E+01	N	3.69E-02	mg/L
Chloroform	16/2E3	4.90E-05 - 1.40E-02	5.00E-05 - 5.00E+01	N	3.74E-01	mg/L
Chloromethane	14/434	5.70E-05 - 2.00E-03	5.00E-05 - 2.50E+01	N	3.30E-02	mg/L
Chrysene	1/35	6.00E-04 - 6.00E-04	9.00E-03 - 2.00E-02	N	5.12E-03	mg/L
Di-n-butyl phthalate	4/35	8.00E-03 - 2.10E-02	1.00E-02 - 2.00E-02	L	7.05E-03	mg/L
Dichlorodifluoromethane	1/410	7.40E-05 - 7.40E-05	5.00E-05 - 1.30E+01	N	1.89E-02	mg/L
Diethyl phthalate	1/35	1.10E-02 - 1.10E-02	9.00E-03 - 2.00E-02	L	5.12E-03	mg/L
Dimethylbenzene	4/2E3	1.00E-03 - 2.20E+00	5.00E-05 - 1.00E+02	N	2.49E-01	mg/L
Ethane	8/24	1.00E-03 - 1.97E-01	3.00E-02 - 3.00E-02	L	1.62E-02	mg/L
Ethanol	7/340	7.00E-03 - 3.50E-01	5.00E-02 - 1.00E+00	N	1.58E-01	mg/L
Ethylbenzene	2/2E3	1.00E-03 - 8.70E-01	5.00E-05 - 5.00E+01	N	1.45E-01	mg/L
Ethylene	8/24	7.00E-03 - 4.17E+00	3.00E-02 - 3.00E-02	L	2.82E-02	mg/L
Methylene chloride	47/435	4.60E-05 - 1.30E-01	5.00E-05 - 1.30E+01	N	1.93E-02	mg/L
PCB-1254	1/26	9.00E-04 - 9.00E-04	1.00E-04 - 1.00E-03	N	3.46E-04	mg/L
Polychlorinated biphenyl	1/135	1.00E-04 - 1.00E-04	1.00E-04 - 1.70E-04	N	1.13E-04	mg/L
Tetrachloroethene	11/2E3	6.90E-05 - 3.20E-01	5.00E-05 - 5.00E+01	N	6.36E-01	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Toluene	18/2E3	4.70E-05 - 1.10E-02	5.00E-05 - 5.00E+01	N	1.45E-01	mg/L
Trichloroethene	2E3/3E3	6.50E-05 - 4.60E+02	1.00E-03 - 1.00E+00	N	5.49E+00	mg/L
Trichlorofluoromethane	7/412	5.50E-05 - 2.00E-03	5.00E-05 - 1.30E+01	N	1.89E-02	mg/L
Vinyl chloride	3/2E3	1.00E-03 - 6.30E+00	5.00E-05 - 1.00E+02	N	1.37E+00	mg/L
cis-1,2-Dichloroethene	45/2E3	5.10E-05 - 4.20E+00	5.00E-05 - 5.00E+01	N	7.30E-01	mg/L
m,p-Xylene	3/14	4.60E-05 - 1.50E-04	1.00E-04 - 5.00E-03	L	7.04E-05	mg/L
trans-1,2-Dichloroethene	8/2E3	5.40E-05 - 1.20E+00	5.00E-05 - 5.00E+01	N	6.99E-01	mg/L
trans-1,3-Dichloropropene	1/436	1.70E-04 - 1.70E-04	5.00E-05 - 1.30E+01	N	1.82E-02	mg/L
Alpha activity	2E3/3E3	7.00E-02 - 1.88E+02	-1.59E+02 - 1.00E+03	N	2.86E+01	pCi/L
Americium-241	16/29	1.00E-02 - 3.50E+00	-1.90E+00 - 2.30E-01	L	4.49E-01	pCi/L
Beta activity	2E3/3E3	4.20E-01 - 9.83E+03	-1.00E+01 - 1.00E+03	N	1.18E+02	pCi/L
Cesium-137	14/44	1.00E-01 - 2.07E+01	-2.70E+00 - 1.87E+04	L	1.30E+00	pCi/L
Cobalt-60	14/19	1.00E-01 - 2.30E+00	-6.00E-01 - 0.00E+00	L	7.93E-01	pCi/L
Neptunium-237	64/106	3.00E-02 - 1.44E+01	-7.34E-01 - 2.04E+00	L	3.47E-01	pCi/L
Plutonium-238	9/13	1.00E-02 - 7.00E-02	-1.40E-01 - 0.00E+00	N	6.54E-03	pCi/L
Plutonium-239	21/86	1.00E-02 - 2.00E-01	-1.60E-01 - 0.00E+00	L	1.07E-01	pCi/L
Plutonium-239/240	5/7	8.87E-04 - 3.06E-02	-3.99E-03 --3.54E-03	L	9.95E-03	pCi/L
Radium-226	60/72	6.00E-02 - 7.39E+02	-1.00E+00 - 0.00E+00	L	1.37E+00	pCi/L
Radon-222	809/810	8.00E-01 - 9.48E+03	0.00E+00 - 0.00E+00	N	1.99E+02	pCi/L
Technetium-99	3E3/4E3	2.00E-01 - 1.67E+04	-1.51E+01 - 2.50E+01	N	1.92E+02	pCi/L
Thorium-230	79/99	2.69E-02 - 4.70E+00	-5.00E-01 - 6.00E-02	L	5.04E-01	pCi/L
Thorium-234	1/1	6.00E-01 - 6.00E-01		NT	3.00E-01	pCi/L
Uranium-234	24/33	3.00E-02 - 2.00E+02	5.00E-02 - 5.00E-01	L	8.38E-01	pCi/L
Uranium-235	10/22	1.00E-02 - 9.96E+00	-1.00E-02 - 8.00E-02	L	6.55E-02	pCi/L
Uranium-235/236	8/10	1.00E-02 - 3.50E-01	0.00E+00 - 0.00E+00	L	8.60E-02	pCi/L
Uranium-238	21/30	1.00E-02 - 2.11E+02	-1.00E-02 - 3.00E-01	L	7.31E-01	pCi/L

AREA_CODE=n MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Aluminum	166/201	6.80E-02 - 8.00E+01	1.00E-01 - 1.00E+00	L	2.13E+00	mg/L
Ammonia as Nitrogen	2/4	6.00E-02 - 1.60E-01	3.00E-02 - 3.00E-02	N	3.50E-02	mg/L
Antimony	7/177	2.00E-03 - 2.35E-01	1.30E-03 - 2.50E-01	N	4.56E-02	mg/L
Arsenic	81/326	2.30E-03 - 4.53E-01	1.00E-03 - 5.00E-03	N	9.71E-03	mg/L
Barium	185/197	1.80E-02 - 1.19E+00	5.00E-02 - 7.00E-02	L	2.48E-01	mg/L
Beryllium	5/170	2.00E-04 - 1.70E-03	2.00E-04 - 2.50E-02	N	3.54E-03	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=n MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Cadmium	8/336	1.20E-02 - 1.90E-02	2.67E-04 - 1.00E-01	N	7.18E-03	mg/L
Calcium	224/225	1.50E+00 - 3.78E+02	2.00E+00 - 2.00E+00	L	4.60E+01	mg/L
Chloride	240/244	1.47E+00 - 6.29E+02	2.00E+00 - 1.00E+01	L	6.64E+01	mg/L
Chromium	53/329	2.70E-03 - 1.36E+00	1.00E-02 - 6.00E-02	N	2.96E-02	mg/L
Cobalt	10/168	2.00E-03 - 6.76E-02	5.00E-03 - 1.00E-01	N	2.38E-02	mg/L
Copper	50/194	2.00E-03 - 1.32E+00	8.70E-03 - 1.00E-01	N	3.70E-02	mg/L
Cyanide	2/9	5.00E-03 - 1.00E-02	2.40E-03 - 6.00E-03	L	2.13E-03	mg/L
Fluoride	138/194	1.00E-01 - 8.90E+00	2.00E-02 - 2.00E-01	N	3.36E-01	mg/L
Iron	239/259	1.50E-02 - 3.44E+02	1.00E-02 - 5.00E-01	L	3.35E+00	mg/L
Kjeldahl Nitrogen	3/4	6.78E-01 - 8.95E+00	8.00E+00 - 8.00E+00	N	2.39E+00	mg/L
Lead	15/243	1.80E-03 - 1.38E+00	1.00E-03 - 2.50E-01	N	4.22E-02	mg/L
Magnesium	233/234	5.85E-01 - 9.40E+01	1.00E-01 - 1.00E-01	L	2.06E+01	mg/L
Manganese	180/229	5.00E-03 - 2.70E+01	5.00E-03 - 1.00E-01	N	5.97E-01	mg/L
Mercury	5/226	2.00E-04 - 5.00E-04	2.00E-04 - 4.70E-02	N	4.29E-04	mg/L
Molybdenum	1/133	1.00E-02 - 1.00E-02	4.40E-03 - 1.00E-01	N	2.54E-02	mg/L
Nickel	60/203	8.20E-03 - 2.30E+00	5.00E-02 - 1.00E-01	N	8.71E-02	mg/L
Nitrate	1/1	2.10E+00 - 2.10E+00		NT	1.05E+00	mg/L
Nitrate as Nitrogen	77/227	2.80E-01 - 2.69E+01	1.00E-01 - 1.00E+00	N	6.94E-01	mg/L
Nitrate/Nitrite	7/9	9.90E-03 - 9.38E+00	5.00E-02 - 5.00E-02	L	5.07E-01	mg/L
Orthophosphate	3/3	1.50E-01 - 1.60E-01		N	7.83E-02	mg/L
Potassium	46/220	4.54E-01 - 2.98E+01	1.80E-02 - 1.05E+01	N	2.41E+00	mg/L
Selenium	10/233	1.70E-03 - 1.60E-02	1.00E-03 - 1.50E-02	N	2.51E-03	mg/L
Silica	135/135	9.00E+00 - 7.90E+01		N	1.57E+01	mg/L
Silver	4/65	3.30E-03 - 4.50E-02	2.00E-03 - 6.00E-02	N	1.90E-02	mg/L
Sodium	258/259	5.03E+00 - 2.81E+02	5.00E+00 - 5.00E+00	L	1.01E+02	mg/L
Strontium	9/10	7.46E-01 - 1.64E+00	1.21E+00 - 1.21E+00	L	1.12E+00	mg/L
Sulfate	30/31	5.20E+00 - 2.19E+02	3.00E+01 - 3.00E+01	L	8.57E+01	mg/L
Sulfide	3/4	1.20E+00 - 6.40E+01	1.00E+00 - 1.00E+00	N	8.53E+00	mg/L
Tetraoxo-sulfate(1-)	200/205	5.00E+00 - 6.95E+02	5.00E+00 - 5.00E+00	L	8.03E+01	mg/L
Thallium	3/139	7.30E-03 - 9.10E-02	4.67E-04 - 4.70E-01	N	4.36E-02	mg/L
Tin	1/6	2.60E-02 - 2.60E-02	1.00E-02 - 2.80E-01	N	5.25E-02	mg/L
Uranium	77/308	2.80E-04 - 6.40E-01	1.00E-03 - 9.20E-02	N	1.72E-02	mg/L
Vanadium	121/143	1.80E-03 - 7.60E-01	1.00E-03 - 5.00E-02	N	7.12E-02	mg/L
Zinc	114/194	2.70E-03 - 1.88E+00	5.00E-03 - 2.50E-01	N	4.02E-02	mg/L
1,1,1-Trichloroethane	2/186	3.00E-03 - 1.60E-02	3.60E-04 - 5.00E+01	N	2.24E-01	mg/L
1,1-Dichloroethane	3/188	1.10E-03 - 1.20E-02	3.70E-04 - 5.00E+01	N	2.23E-01	mg/L
1,1-Dichloroethene	10/205	1.60E-03 - 2.00E-01	4.40E-04 - 5.00E+01	N	2.17E-01	mg/L
1,2-Dichloroethane	1/233	2.00E-03 - 2.00E-03	2.70E-04 - 5.00E+01	N	1.24E+00	mg/L
1,2-Dichloroethene	2/15	5.00E-03 - 1.40E-02	1.00E-03 - 5.00E-03	L	6.64E-04	mg/L
2,4-Dichlorophenol	1/10	4.00E-04 - 4.00E-04	1.60E-04 - 1.00E-02	L	9.05E-03	mg/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=n MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
2,4-Dimethylphenol	1/10	4.40E-03 - 4.40E-03	1.10E-04 - 1.00E-02	N	3.73E-03	mg/L
2-Butanone	3/42	4.00E-03 - 7.00E-03	3.40E-03 - 2.50E+01	L	3.70E-03	mg/L
4-Methyl-2-pentanone	1/42	1.90E-03 - 1.90E-03	1.10E-03 - 2.50E+01	L	5.53E-02	mg/L
4-Methylphenol	1/10	2.10E-04 - 2.10E-04	1.80E-04 - 1.00E-02	L	9.54E-03	mg/L
Acetone	5/43	2.00E-03 - 1.50E-02	1.40E-03 - 2.50E+01	L	3.60E-03	mg/L
Benzene	4/269	1.00E-03 - 7.80E-03	3.80E-04 - 5.00E+01	N	1.64E-01	mg/L
Bis(2-ethylhexyl)phthalate	1/10	1.00E-03 - 1.00E-03	3.00E-04 - 1.00E-02	L	5.80E-03	mg/L
Bromodichloromethane	1/233	9.00E-03 - 9.00E-03	5.00E-04 - 5.00E+01	N	1.33E+00	mg/L
Chloroethane	1/46	8.20E-01 - 8.20E-01	1.00E-03 - 2.50E+01	L	3.11E-02	mg/L
Chloroform	10/236	2.00E-03 - 2.40E-02	4.10E-04 - 5.00E+01	N	1.31E+00	mg/L
Di-n-butyl phthalate	3/10	4.40E-04 - 9.80E-04	1.00E-02 - 1.00E-02	L	7.51E-04	mg/L
Dibromochloromethane	1/43	2.00E-03 - 2.00E-03	4.30E-04 - 1.30E+01	L	6.22E-03	mg/L
Dichlorodifluoromethane	3/29	1.00E-03 - 6.00E-03	1.00E-03 - 1.30E+01	L	1.90E-03	mg/L
Diethyl phthalate	1/10	8.50E-04 - 8.50E-04	2.30E-04 - 1.00E-02	L	7.17E-03	mg/L
Dimethylbenzene	13/269	7.20E-03 - 2.80E+00	1.00E-03 - 1.00E+02	N	2.87E-01	mg/L
Ethane	3/5	1.28E-01 - 3.03E-01	3.00E-02 - 3.00E-02	N	6.87E-02	mg/L
Ethanol	3/28	7.00E-03 - 2.40E-02	5.00E-02 - 1.00E+00	L	1.88E-02	mg/L
Ethylbenzene	15/270	8.70E-04 - 1.50E+00	4.40E-04 - 5.00E+01	N	1.77E-01	mg/L
Ethylene	3/5	2.24E+00 - 3.96E+00	3.00E-02 - 3.00E-02	N	9.18E-01	mg/L
Fluorene	1/17	7.00E-03 - 7.00E-03	2.20E-04 - 1.00E-02	N	3.17E-03	mg/L
Isophorone	1/10	6.60E-03 - 6.60E-03	2.20E-04 - 1.00E-02	N	3.85E-03	mg/L
Methylene chloride	16/42	1.00E-03 - 1.80E-02	3.50E-04 - 1.30E+01	L	2.99E-03	mg/L
Naphthalene	1/17	4.70E-02 - 4.70E-02	2.90E-04 - 1.00E-02	L	6.35E-03	mg/L
Phenanthrene	1/17	5.00E-03 - 5.00E-03	2.10E-04 - 1.00E-02	N	3.11E-03	mg/L
Toluene	1/268	1.80E-02 - 1.80E-02	4.40E-04 - 5.00E+01	N	1.64E-01	mg/L
Trichloroethene	327/623	1.00E-03 - 3.10E+03	1.00E-03 - 1.00E-01	N	1.57E+01	mg/L
Vinyl chloride	34/249	4.20E-02 - 5.00E+00	1.00E-03 - 1.00E+02	N	5.13E+00	mg/L
cis-1,2-Dichloroethene	58/218	6.70E-04 - 4.90E+00	4.70E-04 - 5.00E+01	N	2.72E+00	mg/L
trans-1,2-Dichloroethene	3/237	3.40E-03 - 5.00E-01	4.80E-04 - 5.00E+01	N	2.21E+00	mg/L
Alpha activity	405/489	1.00E-01 - 3.49E+02	-1.07E+01 - 1.00E+03	N	3.69E+01	pCi/L
Americium-241	2/9	1.90E-01 - 3.40E-01	-2.60E+00 - 0.00E+00	L	2.94E-01	pCi/L
Beta activity	450/489	1.00E+00 - 1.26E+03	-9.00E+00 - 1.00E+03	N	5.49E+01	pCi/L
Cesium-137	3/13	2.00E-01 - 9.00E-01	-1.20E+00 - 1.86E+01	L	5.19E-01	pCi/L
Cobalt-60	6/7	1.00E-01 - 1.40E+00	-4.00E-01 - -4.00E-01	N	3.57E-01	pCi/L
Neptunium-237	12/23	1.00E-02 - 2.37E+00	-5.00E-01 - 8.00E-02	L	3.27E-01	pCi/L
Plutonium-238	3/4	8.00E-02 - 1.10E-01	0.00E+00 - 0.00E+00	N	3.63E-02	pCi/L
Plutonium-239	6/20	1.00E-02 - 7.60E-01	-2.31E-01 - 9.00E-02	L	1.69E-01	pCi/L
Plutonium-239/240	1/1	2.07E-02 - 2.07E-02		NT	1.04E-02	pCi/L
Radium-226	9/15	3.00E-01 - 1.60E+00	-9.00E-01 - 0.00E+00	L	6.63E-01	pCi/L
Radon-222	79/79	1.20E+01 - 2.05E+03		L	3.24E+02	pCi/L

Table 2.6 Data summary for detected analytes (continued)

AREA_CODE=n MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Detected Range	Nondetected Range	Distribution	Arithmetic Mean	Units
Technetium-99	583/651	1.00E+00 - 1.01E+03	-9.40E+00 - 5.53E+02	N	1.31E+02	pCi/L
Thorium-228	2/2	3.40E-01 - 6.40E-01		N	2.45E-01	pCi/L
Thorium-230	16/22	8.00E-02 - 8.00E-01	-2.68E-01 - 0.00E+00	N	1.68E-01	pCi/L
Thorium-232	2/2	1.80E-01 - 4.90E-01		N	1.68E-01	pCi/L
Uranium-234	14/16	1.50E-01 - 1.84E+01	3.00E-01 - 3.00E-01	L	2.19E+00	pCi/L
Uranium-235	6/9	9.12E-02 - 1.22E+00	1.52E-02 - 1.72E-02	L	2.42E-01	pCi/L
Uranium-235/236	4/5	1.00E-02 - 8.00E-02	-1.88E-01 --1.88E-01	N	-1.16E-02	pCi/L
Uranium-238	13/14	8.00E-02 - 4.19E+01	2.10E-01 - 2.10E-01	L	4.28E+00	pCi/L

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Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria

AREA_CODE=a MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	28/42	1.38E+02	1.5E+00		Yes		mg/L
Arsenic	2/46	4.60E-02	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	46/46	8.50E-01	1.0E-01		Yes		mg/L
Beryllium	2/46	1.11E-03	2.6E-03	1.0E-06	No	Yes	mg/L
Cadmium	1/46	5.56E-04	6.6E-04		No		mg/L
Calcium	46/46	4.74E+01					mg/L
Chloride	42/42	8.76E+01					mg/L
Chromium	9/46	1.30E+00	4.2E-03		Yes		mg/L
Cobalt	1/46	2.56E-02	9.1E-02		No		mg/L
Fluoride	28/42	7.20E+00	9.1E-02		Yes		mg/L
Iron	37/45	7.20E+02	4.5E-01		Yes		mg/L
Magnesium	46/46	2.41E+01					mg/L
Manganese	37/46	7.75E+00	6.7E-02		Yes		mg/L
Nickel	5/46	1.12E-01	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	35/42	1.28E+01	2.4E+00		Yes		mg/L
Potassium	22/45	4.13E+00					mg/L
Selenium	1/9	1.84E-03	7.5E-03		No		mg/L
Silica	7/7	2.30E+01					mg/L
Sodium	46/46	8.00E+01					mg/L
Tetraoxo-sulfate(1-)	42/42	7.42E+01					mg/L
Thallium	1/42	2.38E-01					mg/L
Uranium	3/28	4.00E-03	4.5E-03		No		mg/L
Vanadium	36/42	9.50E-01	9.3E-03		Yes		mg/L
Zinc	18/46	1.00E+00	4.5E-01		Yes		mg/L
1,1-Dichloroethene	1/17	2.40E-02	1.8E-03	9.3E-07	Yes	Yes	mg/L
Carbon tetrachloride	2/50	1.60E-01	1.2E-04	1.5E-05	Yes	Yes	mg/L
Chloroform	1/50	2.00E-03	2.0E-03	1.5E-05	No	Yes	mg/L
Tetrachloroethene	4/74	2.30E-01	7.9E-03	5.7E-05	Yes	Yes	mg/L
Trichloroethene	94/94	4.60E+02	1.2E-03	1.4E-04	Yes	Yes	mg/L
cis-1,2-Dichloroethene	4/46	2.20E-01	2.0E-03		Yes		mg/L
trans-1,2-Dichloroethene	2/46	1.20E+00	4.0E-03		Yes		mg/L
Alpha activity	60/79	6.59E+01					pCi/L
Americium-241	3/4	7.00E-02		1.2E-01		No	pCi/L
Beta activity	69/79	9.83E+03					pCi/L
Cesium-137	3/5	1.29E+01		1.2E+00		Yes	pCi/L
Neptunium-237	6/8	1.44E+01		1.3E-01		Yes	pCi/L
Plutonium-239	2/8	9.00E-02		1.2E-01		No	pCi/L
Radon-222	4/4	6.04E+02		1.4E+00		Yes	pCi/L
Technetium-99	85/88	1.67E+04		2.8E+01		Yes	pCi/L
Thorium-230	7/8	1.10E+00		1.0E+00		Yes	pCi/L

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=a MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Uranium-234	3/4	1.50E-01		8.7E-01		No	pCi/L
Uranium-235	2/4	2.00E-02		8.2E-01		No	pCi/L
Uranium-238	3/4	5.00E-02		6.2E-01		No	pCi/L

AREA_CODE=a MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	14/14	1.28E+01	1.5E+00		Yes		mg/L
Antimony	1/15	2.79E-02	5.6E-04		Yes		mg/L
Arsenic	1/15	8.00E-03	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	15/15	1.98E-01	1.0E-01		Yes		mg/L
Beryllium	1/15	5.56E-04	2.6E-03	1.0E-06	No	Yes	mg/L
Calcium	15/15	5.75E+01					mg/L
Chloride	14/14	1.56E+02					mg/L
Chromium	1/16	1.42E-02	4.2E-03		Yes		mg/L
Cobalt	1/15	2.00E-03	9.1E-02		No		mg/L
Copper	1/15	1.00E-02	6.0E-02		No		mg/L
Fluoride	4/13	1.70E-01	9.1E-02		Yes		mg/L
Iron	15/15	5.43E+00	4.5E-01		Yes		mg/L
Lead	2/4	6.90E-02	1.5E-07		Yes		mg/L
Magnesium	15/15	1.93E+01					mg/L
Manganese	14/15	1.13E-01	6.7E-02		Yes		mg/L
Nickel	2/15	4.15E-01	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	6/14	1.90E+00	2.4E+00		No		mg/L
Potassium	2/14	2.95E+00					mg/L
Silica	3/3	3.80E+01					mg/L
Sodium	15/15	1.26E+02					mg/L
Tetraoxo-sulfate(1-)	14/14	1.36E+02					mg/L
Uranium	2/6	3.10E-02	4.5E-03		Yes		mg/L
Vanadium	10/14	1.57E-01	9.3E-03		Yes		mg/L
Zinc	6/15	5.50E-02	4.5E-01		No		mg/L
1,1-Dichloroethene	1/16	1.60E-03	1.8E-03	9.3E-07	No	Yes	mg/L
Bis(2-ethylhexyl)phthalate	1/1	1.00E-03	2.6E-02	3.1E-04	No	Yes	mg/L
Chloroform	1/16	1.30E-02	2.0E-03	1.5E-05	Yes	Yes	mg/L
Trichloroethene	34/36	7.80E+02	1.2E-03	1.4E-04	Yes	Yes	mg/L

526801

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=a MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
cis-1,2-Dichloroethene	1/25	1.30E-01	2.0E-03		Yes		mg/L
trans-1,2-Dichloroethene	2/25	5.00E-01	4.0E-03		Yes		mg/L
Alpha activity	28/31	4.22E+01					pCi/L
Beta activity	31/31	6.72E+02					pCi/L
Neptunium-237	2/2	9.00E-01		1.3E-01		Yes	pCi/L
Plutonium-239	1/2	1.00E-01		1.2E-01		No	pCi/L
Radon-222	1/1	4.61E+02		1.4E+00		Yes	pCi/L
Technetium-99	20/22	1.20E+02		2.8E+01		Yes	pCi/L
Thorium-230	2/2	7.00E-01		1.0E+00		No	pCi/L

AREA_CODE=b MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	2/35	1.50E+00	1.5E+00		Yes		mg/L
Antimony	1/13	1.85E-01	5.6E-04		Yes		mg/L
Barium	4/5	1.70E-01	1.0E-01		Yes		mg/L
Calcium	35/35	2.76E+01					mg/L
Chloride	32/32	5.51E+01					mg/L
Fluoride	14/14	1.70E-01	9.1E-02		Yes		mg/L
Iron	34/35	1.66E+01	4.5E-01		Yes		mg/L
Magnesium	35/35	1.23E+01					mg/L
Manganese	34/35	9.11E-01	6.7E-02		Yes		mg/L
Nitrate as Nitrogen	1/32	5.60E+00	2.4E+00		Yes		mg/L
Potassium	16/32	5.58E+00					mg/L
Silica	26/26	2.70E+01					mg/L
Sodium	35/35	3.81E+01					mg/L
Tetraoxo-sulfate(1-)	17/31	1.72E+01					mg/L
Vanadium	1/1	4.00E-02	9.3E-03		Yes		mg/L
Zinc	2/5	8.00E-02	4.5E-01		No		mg/L
Trichloroethene	4/43	9.60E+00	1.2E-03	1.4E-04	Yes	Yes	mg/L
Alpha activity	28/35	7.30E+00					pCi/L
Beta activity	34/35	1.48E+03					pCi/L
Neptunium-237	2/3	4.00E-01		1.3E-01		Yes	pCi/L
Plutonium-238	1/2	5.00E-02		1.3E-01		No	pCi/L
Radium-226	2/3	8.60E-01		1.3E-01		Yes	pCi/L

526802

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=b MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Radon-222	31/31	2.91E+02		1.4E+00		Yes	pCi/L
Technetium-99	28/43	1.95E+03		2.8E+01		Yes	pCi/L
Thorium-230	1/2	1.00E-02		1.0E+00		No	pCi/L

AREA_CODE=b MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	106/298	1.43E+02	1.5E+00		Yes		mg/L
Arsenic	28/399	1.40E-01	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	99/105	2.20E+00	1.0E-01		Yes		mg/L
Beryllium	9/111	1.40E-02	2.6E-03	1.0E-06	Yes	Yes	mg/L
Cadmium	3/411	2.13E-01	6.6E-04		Yes		mg/L
Calcium	340/340	4.87E+01					mg/L
Chloride	318/318	5.86E+02					mg/L
Chromium	50/411	8.89E-01	4.2E-03		Yes		mg/L
Cobalt	3/105	9.00E-02	9.1E-02		No		mg/L
Copper	15/114	8.10E-02	6.0E-02		Yes		mg/L
Fluoride	115/185	7.10E-01	9.1E-02		Yes		mg/L
Iron	244/343	4.18E+02	4.5E-01		Yes		mg/L
Lead	8/370	4.32E-01	1.5E-07		Yes		mg/L
Magnesium	343/343	2.88E+01					mg/L
Manganese	218/334	8.20E+00	6.7E-02		Yes		mg/L
Mercury	1/359	3.00E-04	4.4E-04		No		mg/L
Molybdenum	3/81	2.50E-02	7.5E-03		Yes		mg/L
Nickel	57/117	5.70E-01	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	201/304	3.93E+01	2.4E+00		Yes		mg/L
Nitrate/Nitrite	6/6	9.40E+00	2.4E+00		Yes		mg/L
Potassium	25/309	2.44E+01					mg/L
Selenium	1/369	4.76E-01	7.5E-03		Yes		mg/L
Silica	188/188	4.50E+01					mg/L
Silver	1/55	5.70E-03	7.5E-03		No		mg/L
Sodium	342/342	1.62E+02					mg/L
Sulfate	27/27	4.20E+01					mg/L
Tetraoxo-sulfate(1-)	291/292	2.24E+02					mg/L
Tin	3/13	8.00E-01	8.9E-01		No		mg/L

528803

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=b MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Total Phosphate as Phosphorus	12/260	3.49E+01	3.0E-05		Yes		mg/L
Uranium	17/416	1.90E-01	4.5E-03		Yes		mg/L
Vanadium	48/63	2.10E-01	9.3E-03		Yes		mg/L
Zinc	44/116	2.29E-01	4.5E-01		No		mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	2/4	5.70E-03	1.9E+00		No		mg/L
1,1,2-Trichloroethane	1/446	2.00E-03	8.1E-04	1.8E-05	Yes	Yes	mg/L
1,1-Dichloroethane	1/420	4.10E-03	2.7E-02		No		mg/L
1,1-Dichloroethene	1/419	1.30E-03	1.8E-03	9.3E-07	No	Yes	mg/L
1,2-Dichloroethane	1/449	1.10E-03	6.7E-04	1.1E-05	Yes	Yes	mg/L
4-Methyl-2-pentanone	1/9	2.50E-03	5.1E-03		No		mg/L
Acetone	4/11	2.30E-02	2.0E-02		Yes		mg/L
Carbon tetrachloride	2/450	1.60E-02	1.2E-04	1.5E-05	Yes	Yes	mg/L
Chlorobenzene	1/9	2.00E-03	1.3E-03		Yes		mg/L
Chloroform	3/448	1.40E-02	2.0E-03	1.5E-05	Yes	Yes	mg/L
Di-n-butyl phthalate	1/1	8.00E-03	1.3E-01		No		mg/L
Ethane	8/11	1.97E-01					mg/L
Ethylene	8/11	4.17E+00					mg/L
Methylene chloride	1/9	5.00E-03	6.2E-02	3.6E-04	No	Yes	mg/L
Tetrachloroethene	2/449	3.20E-01	7.9E-03	5.7E-05	Yes	Yes	mg/L
Toluene	3/424	1.10E-02	2.4E-02		No		mg/L
Trichloroethene	495/791	3.00E+01	1.2E-03	1.4E-04	Yes	Yes	mg/L
Vinyl chloride	2/462	6.30E+00		1.7E-06		Yes	mg/L
cis-1,2-Dichloroethene	11/457	4.20E+00	2.0E-03		Yes		mg/L
trans-1,2-Dichloroethene	2/458	3.80E-03	4.0E-03		No		mg/L
Alpha activity	329/529	5.59E+01					pCi/L
Americium-241	9/15	3.50E+00		1.2E-01		Yes	pCi/L
Beta activity	463/529	5.29E+03					pCi/L
Cesium-137	3/26	8.00E-01		1.2E+00		No	pCi/L
Cobalt-60	7/9	2.30E+00		2.0E+00		Yes	pCi/L
Neptunium-237	19/35	5.00E-01		1.3E-01		Yes	pCi/L
Plutonium-238	9/13	7.00E-02		1.3E-01		No	pCi/L
Plutonium-239	9/15	1.30E-01		1.2E-01		Yes	pCi/L
Plutonium-239/240	5/7	3.06E-02		1.2E-01		No	pCi/L
Radium-226	27/31	7.39E+02		1.3E-01		Yes	pCi/L
Radon-222	247/247	2.23E+03		1.4E+00		Yes	pCi/L
Technetium-99	933/1E3	5.80E+03		2.8E+01		Yes	pCi/L
Thorium-230	22/29	4.70E+00		1.0E+00		Yes	pCi/L
Uranium-234	15/21	2.00E+02		8.7E-01		Yes	pCi/L
Uranium-235	4/12	9.96E+00		8.2E-01		Yes	pCi/L

526804

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=b MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Uranium-235/236	8/10	3.50E-01		8.2E-01		No	pCi/L
Uranium-238	14/18	2.11E+02		6.2E-01		Yes	pCi/L

AREA_CODE=b MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	68/88	5.41E+01	1.5E+00		Yes		mg/L
Arsenic	61/196	4.53E-01	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	64/65	5.85E-01	1.0E-01		Yes		mg/L
Beryllium	3/67	4.00E-04	2.6E-03	1.0E-06	No	Yes	mg/L
Cadmium	5/200	1.80E-02	6.6E-04		Yes		mg/L
Calcium	105/105	1.05E+02					mg/L
Chloride	104/105	6.29E+02					mg/L
Chromium	36/200	1.36E+00	4.2E-03		Yes		mg/L
Cobalt	1/65	7.50E-03	9.1E-02		No		mg/L
Copper	3/68	2.20E-02	6.0E-02		No		mg/L
Fluoride	58/78	2.40E+00	9.1E-02		Yes		mg/L
Iron	90/102	3.44E+02	4.5E-01		Yes		mg/L
Lead	1/150	1.80E-03	1.5E-07		Yes		mg/L
Magnesium	105/105	5.30E+01					mg/L
Manganese	76/100	8.73E-01	6.7E-02		Yes		mg/L
Mercury	1/148	3.00E-04	4.4E-04		No		mg/L
Molybdenum	1/58	1.00E-02	7.5E-03		Yes		mg/L
Nickel	38/68	2.30E+00	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	20/97	5.70E+00	2.4E+00		Yes		mg/L
Nitrate/Nitrite	5/5	2.10E+00	2.4E+00		No		mg/L
Potassium	7/99	9.34E+00					mg/L
Selenium	4/150	1.60E-02	7.5E-03		Yes		mg/L
Silica	41/41	7.90E+01					mg/L
Silver	1/14	5.00E-03	7.5E-03		No		mg/L
Sodium	105/105	2.81E+02					mg/L
Sulfate	14/14	2.19E+02					mg/L
Tetraoxo-sulfate(1-)	90/91	4.90E+02					mg/L
Thallium	2/53	9.10E-02					mg/L
Tin	1/4	2.60E-02	8.9E-01		No		mg/L

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=b MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Uranium	18/165	1.10E-01	4.5E-03		Yes		mg/L
Vanadium	50/56	5.04E-01	9.3E-03		Yes		mg/L
Zinc	36/68	8.00E-02	4.5E-01		No		mg/L
1,1-Dichloroethane	2/75	1.20E-02	2.7E-02		No		mg/L
1,1-Dichloroethene	2/74	2.90E-03	1.8E-03	9.3E-07	Yes	Yes	mg/L
1,2-Dichloroethene	1/3	1.40E-02	1.8E-03		Yes		mg/L
2,4-Dichlorophenol	1/3	4.00E-04	4.1E-03		No		mg/L
2,4-Dimethylphenol	1/3	4.40E-03	3.9E-03		Yes		mg/L
4-Methyl-2-pentanone	1/6	1.90E-03	5.1E-03		No		mg/L
4-Methylphenol	1/3	2.10E-04	7.3E-03		No		mg/L
Acetone	1/7	5.20E-03	2.0E-02		No		mg/L
Benzene	1/71	7.80E-03	4.0E-04	3.5E-05	Yes	Yes	mg/L
Chloroethane	1/9	8.20E-01	3.1E-01		Yes		mg/L
Di-n-butyl phthalate	3/3	9.80E-04	1.3E-01		No		mg/L
Diethyl phthalate	1/3	8.50E-04	1.2E+00		No		mg/L
Dimethylbenzene	1/72	7.20E-03	4.0E-01		No		mg/L
Ethane	3/4	3.03E-01					mg/L
Ethylbenzene	1/72	8.70E-04	4.5E-02		No		mg/L
Ethylene	3/4	3.96E+00					mg/L
Isophorone	1/3	6.60E-03	3.0E-01	5.5E-03	No	Yes	mg/L
Toluene	1/72	1.80E-02	2.4E-02		No		mg/L
Trichloroethene	218/291	3.10E+03	1.2E-03	1.4E-04	Yes	Yes	mg/L
Vinyl chloride	34/113	5.00E+00		1.7E-06		Yes	mg/L
cis-1,2-Dichloroethene	55/109	4.90E+00	2.0E-03		Yes		mg/L
trans-1,2-Dichloroethene	1/109	5.10E-03	4.0E-03		Yes		mg/L
Alpha activity	133/175	3.00E+01					pCi/L
Americium-241	2/5	3.40E-01		1.2E-01		Yes	pCi/L
Beta activity	148/175	1.26E+03					pCi/L
Cobalt-60	2/3	1.20E+00		2.0E+00		No	pCi/L
Neptunium-237	7/12	4.00E-01		1.3E-01		Yes	pCi/L
Plutonium-238	1/2	8.00E-02		1.3E-01		No	pCi/L
Plutonium-239	4/9	7.60E-01		1.2E-01		Yes	pCi/L
Plutonium-239/240	1/1	2.07E-02		1.2E-01		No	pCi/L
Radium-226	2/5	6.00E-01		1.3E-01		Yes	pCi/L
Radon-222	38/38	2.05E+03		1.4E+00		Yes	pCi/L
Technetium-99	313/333	8.78E+02		2.8E+01		Yes	pCi/L
Thorium-230	9/11	8.00E-01		1.0E+00		No	pCi/L
Uranium-234	9/11	1.44E+01		8.7E-01		Yes	pCi/L
Uranium-235	5/8	9.10E-01		8.2E-01		Yes	pCi/L

525806

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=b MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Uranium-235/236	4/5	8.00E-02		8.2E-01		No	pCi/L
Uranium-238	9/9	3.48E+01		6.2E-01		Yes	pCi/L

AREA_CODE=c MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	9/16	2.16E+01	1.5E+00		Yes		mg/L
Barium	32/33	3.60E-01	1.0E-01		Yes		mg/L
Calcium	33/33	3.99E+01					mg/L
Chloride	33/33	1.20E+02					mg/L
Chromium	11/33	8.62E+00	4.2E-03		Yes		mg/L
Copper	5/33	1.31E-01	6.0E-02		Yes		mg/L
Fluoride	28/32	2.40E-01	9.1E-02		Yes		mg/L
Iron	25/33	6.64E+01	4.5E-01		Yes		mg/L
Magnesium	33/33	1.43E+01					mg/L
Manganese	27/33	1.09E+00	6.7E-02		Yes		mg/L
Molybdenum	2/16	1.00E-01	7.5E-03		Yes		mg/L
Nickel	10/33	6.73E-01	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	20/33	3.00E+00	2.4E+00		Yes		mg/L
Potassium	5/30	8.33E+00					mg/L
Silica	16/16	3.60E+01					mg/L
Sodium	33/33	8.74E+01					mg/L
Sulfate	4/4	3.35E+01					mg/L
Tetraoxo-sulfate(1-)	29/29	1.43E+02					mg/L
Uranium	2/58	1.00E-03	4.5E-03		No		mg/L
Vanadium	8/10	1.31E-01	9.3E-03		Yes		mg/L
Zinc	11/33	1.30E-01	4.5E-01		No		mg/L
1,1-Dichloroethene	2/72	6.50E-02	1.8E-03	9.3E-07	Yes	Yes	mg/L
Chloroform	2/72	5.00E-03	2.0E-03	1.5E-05	Yes	Yes	mg/L
Trichloroethene	78/112	1.50E+00	1.2E-03	1.4E-04	Yes	Yes	mg/L
cis-1,2-Dichloroethene	2/72	9.80E-03	2.0E-03		Yes		mg/L
Alpha activity	91/111	1.92E+01					pCi/L
Beta activity	110/111	2.02E+03					pCi/L
Radon-222	16/16	6.59E+03		1.4E+00		Yes	pCi/L
Technetium-99	108/113	3.15E+03		2.8E+01		Yes	pCi/L

526807

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=c MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	6/6	5.92E+00	1.5E+00		Yes		mg/L
Barium	6/6	1.61E-01	1.0E-01		Yes		mg/L
Calcium	6/6	3.45E+01					mg/L
Chloride	5/5	6.10E+01					mg/L
Iron	6/6	6.44E+00	4.5E-01		Yes		mg/L
Magnesium	6/6	1.32E+01					mg/L
Manganese	6/6	3.22E-01	6.7E-02		Yes		mg/L
Nitrate as Nitrogen	2/5	1.20E+00	2.4E+00		No		mg/L
Potassium	1/6	2.44E+00					mg/L
Silica	5/5	6.40E+01					mg/L
Sodium	6/6	9.14E+01					mg/L
Tetraoxo-sulfate(1-)	5/5	1.28E+02					mg/L
Uranium	2/10	4.00E-03	4.5E-03		No		mg/L
Vanadium	4/6	7.10E-02	9.3E-03		Yes		mg/L
Zinc	5/6	6.90E-02	4.5E-01		No		mg/L
Benzene	1/7	1.00E-03	4.0E-04	3.5E-05	Yes	Yes	mg/L
Chloroform	6/8	1.70E-02	2.0E-03	1.5E-05	Yes	Yes	mg/L
Trichloroethene	5/22	9.40E-02	1.2E-03	1.4E-04	Yes	Yes	mg/L
Alpha activity	20/23	1.33E+01					pCi/L
Beta activity	23/23	9.50E+01					pCi/L
Technetium-99	23/23	9.40E+01		2.8E+01		Yes	pCi/L

AREA_CODE=d MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	5/9	2.10E-01	1.5E+00		No		mg/L
Barium	13/13	1.68E-01	1.0E-01		Yes		mg/L
Calcium	13/13	2.18E+01					mg/L
Chloride	13/13	1.10E+01					mg/L
Copper	2/13	2.00E-02	6.0E-02		No		mg/L
Fluoride	11/11	1.80E-01	9.1E-02		Yes		mg/L
Iron	13/13	1.02E+01	4.5E-01		Yes		mg/L
Magnesium	13/13	7.51E+00					mg/L
Manganese	13/13	5.14E-01	6.7E-02		Yes		mg/L
Potassium	9/12	1.23E+01					mg/L
Silica	9/9	3.40E+01					mg/L

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Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=d MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Sodium	13/13	2.10E+01					mg/L
Tetraoxo-sulfate(1-)	10/10	2.89E+01					mg/L
Thallium	1/7	1.02E+00					mg/L
Vanadium	4/7	6.60E-02	9.3E-03		Yes		mg/L
Zinc	12/13	1.90E-01	4.5E-01		No		mg/L
Trichloroethene	1/15	3.00E-03	1.2E-03	1.4E-04	Yes	Yes	mg/L
Alpha activity	13/15	6.70E+00					pCi/L
Beta activity	15/15	4.70E+01					pCi/L
Neptunium-237	4/7	4.00E-01		1.3E-01		Yes	pCi/L
Plutonium-239	1/7	1.00E-01		1.2E-01		No	pCi/L
Radium-226	6/6	8.00E-01		1.3E-01		Yes	pCi/L
Radon-222	13/13	1.45E+02		1.4E+00		Yes	pCi/L
Technetium-99	11/15	2.30E+01		2.8E+01		No	pCi/L
Thorium-230	5/7	8.00E-01		1.0E+00		No	pCi/L

AREA_CODE=d MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Methylene chloride	1/1	5.00E-03	6.2E-02	3.6E-04	No	Yes	mg/L

AREA_CODE=d MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	34/39	1.33E+01	1.5E+00		Yes		mg/L
Arsenic	4/98	1.20E-01	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	65/68	6.86E-01	1.0E-01		Yes		mg/L
Beryllium	1/65	1.20E-03	2.6E-03	1.0E-06	No	Yes	mg/L
Cadmium	2/100	3.70E-03	6.6E-04		Yes		mg/L
Calcium	66/66	4.67E+01					mg/L
Chloride	59/59	1.73E+02					mg/L
Chromium	15/95	4.60E-01	4.2E-03		Yes		mg/L

5268809

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=d MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Cobalt	7/65	4.50E-02	9.1E-02		No		mg/L
Copper	6/67	2.50E-02	6.0E-02		No		mg/L
Fluoride	39/58	5.20E-01	9.1E-02		Yes		mg/L
Iron	54/69	1.98E+01	4.5E-01		Yes		mg/L
Lead	13/88	2.50E-01	1.5E-07		Yes		mg/L
Magnesium	69/69	4.72E+01					mg/L
Manganese	63/69	6.32E+00	6.7E-02		Yes		mg/L
Nickel	22/70	3.27E-01	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	17/59	2.20E+00	2.4E+00		No		mg/L
Potassium	25/61	1.70E+01					mg/L
Selenium	3/87	4.90E-03	7.5E-03		No		mg/L
Silica	32/32	4.40E+01					mg/L
Silver	1/37	2.60E-03	7.5E-03		No		mg/L
Sodium	69/69	2.66E+02					mg/L
Strontium	3/3	3.33E-01	9.0E-01		No		mg/L
Tetraoxo-sulfate(1-)	37/54	2.00E+01					mg/L
Tin	1/1	8.00E-01	8.9E-01		No		mg/L
Uranium	6/120	2.00E-02	4.5E-03		Yes		mg/L
Vanadium	17/35	4.36E-01	9.3E-03		Yes		mg/L
Zinc	27/67	8.28E-02	4.5E-01		No		mg/L
Bis(2-ethylhexyl)phthalate	2/7	2.00E-03	2.6E-02	3.1E-04	No	Yes	mg/L
Butyl benzyl phthalate	1/7	1.00E-03	2.6E-01		No		mg/L
Di-n-butyl phthalate	1/7	2.10E-02	1.3E-01		No		mg/L
Dimethylbenzene	1/114	2.20E+00	4.0E-01		Yes		mg/L
Ethylbenzene	1/114	8.70E-01	4.5E-02		Yes		mg/L
Methylene chloride	7/9	1.30E-01	6.2E-02	3.6E-04	Yes	Yes	mg/L
Tetrachloroethene	1/95	5.00E-03	7.9E-03	5.7E-05	No	Yes	mg/L
Trichloroethene	149/204	2.30E+01	1.2E-03	1.4E-04	Yes	Yes	mg/L
cis-1,2-Dichloroethene	8/95	2.90E-02	2.0E-03		Yes		mg/L
Alpha activity	126/166	1.13E+01					pCi/L
Americium-241	1/2	5.00E-01		1.2E-01		Yes	pCi/L
Beta activity	152/166	1.00E+03					pCi/L
Cesium-137	3/4	2.07E+01		1.2E+00		Yes	pCi/L
Cobalt-60	1/2	2.00E-01		2.0E+00		No	pCi/L
Neptunium-237	11/15	5.00E-01		1.3E-01		Yes	pCi/L
Plutonium-239	1/15	2.00E-01		1.2E-01		Yes	pCi/L
Radium-226	13/14	2.00E+00		1.3E-01		Yes	pCi/L
Radon-222	44/44	9.48E+03		1.4E+00		Yes	pCi/L
Technetium-99	168/214	3.67E+02		2.8E+01		Yes	pCi/L

5268140

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=d MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Thorium-230	12/15	1.00E+00		1.0E+00		No	pCi/L
Uranium-234	6/7	2.90E+00		8.7E-01		Yes	pCi/L
Uranium-235	4/6	2.48E-01		8.2E-01		No	pCi/L
Uranium-238	4/7	6.69E+00		6.2E-01		Yes	pCi/L

AREA_CODE=d MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	41/43	6.24E+01	1.5E+00		Yes		mg/L
Ammonia as Nitrogen	2/4	1.60E-01					mg/L
Antimony	2/39	2.57E-02	5.6E-04		Yes		mg/L
Arsenic	7/46	2.20E-02	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	41/48	8.88E-01	1.0E-01		Yes		mg/L
Beryllium	1/39	1.70E-03	2.6E-03	1.0E-06	No	Yes	mg/L
Cadmium	1/48	1.20E-02	6.6E-04		Yes		mg/L
Calcium	38/38	3.78E+02					mg/L
Chloride	38/38	3.10E+02					mg/L
Chromium	9/40	1.30E-01	4.2E-03		Yes		mg/L
Cobalt	7/39	6.76E-02	9.1E-02		No		mg/L
Copper	12/38	3.30E-02	6.0E-02		No		mg/L
Cyanide	2/5	1.00E-02	2.8E-02		No		mg/L
Fluoride	23/38	4.50E-01	9.1E-02		Yes		mg/L
Iron	47/47	7.54E+01	4.5E-01		Yes		mg/L
Kjeldahl Nitrogen	3/4	8.95E+00					mg/L
Lead	7/39	1.38E+00	1.5E-07		Yes		mg/L
Magnesium	47/47	9.40E+01					mg/L
Manganese	47/47	2.70E+01	6.7E-02		Yes		mg/L
Mercury	1/28	2.00E-04	4.4E-04		No		mg/L
Nickel	8/48	9.30E-02	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	12/34	2.69E+01	2.4E+00		Yes		mg/L
Nitrate/Nitrite	2/4	9.38E+00	2.4E+00		Yes		mg/L
Orthophosphate	3/3	1.60E-01					mg/L
Potassium	22/46	2.98E+01					mg/L
Selenium	5/29	8.70E-03	7.5E-03		Yes		mg/L
Silica	38/38	6.70E+01					mg/L

526811

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=d MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Silver	2/11	4.40E-03	7.5E-03		No		mg/L
Sodium	47/47	2.79E+02					mg/L
Strontium	9/10	1.64E+00	9.0E-01		Yes		mg/L
Sulfate	3/4	5.90E+01					mg/L
Sulfide	3/4	6.40E+01					mg/L
Tetraoxo-sulfate(1-)	29/33	6.95E+02					mg/L
Uranium	19/45	1.30E-01	4.5E-03		Yes		mg/L
Vanadium	30/34	7.11E-01	9.3E-03		Yes		mg/L
Zinc	19/39	9.90E-02	4.5E-01		No		mg/L
1,1,1-Trichloroethane	2/24	1.60E-02	5.4E-02		No		mg/L
1,1-Dichloroethane	1/23	8.00E-03	2.7E-02		No		mg/L
1,1-Dichloroethene	7/29	2.00E-01	1.8E-03	9.3E-07	Yes	Yes	mg/L
1,2-Dichloroethane	1/23	2.00E-03	6.7E-04	1.1E-05	Yes	Yes	mg/L
1,2-Dichloroethene	1/7	5.00E-03	1.8E-03		Yes		mg/L
Benzene	1/98	5.00E-03	4.0E-04	3.5E-05	Yes	Yes	mg/L
Dimethylbenzene	12/98	2.80E+00	4.0E-01		Yes		mg/L
Ethylbenzene	14/99	1.50E+00	4.5E-02		Yes		mg/L
Fluorene	1/12	7.00E-03	7.4E-03		No		mg/L
Methylene chloride	6/6	1.80E-02	6.2E-02	3.6E-04	No	Yes	mg/L
Naphthalene	1/12	4.70E-02	2.0E-04		Yes		mg/L
Phenanthrene	1/12	5.00E-03					mg/L
Trichloroethene	57/121	9.80E+01	1.2E-03	1.4E-04	Yes	Yes	mg/L
cis-1,2-Dichloroethene	2/18	9.00E-03	2.0E-03		Yes		mg/L
Alpha activity	107/115	5.75E+01					pCi/L
Beta activity	112/115	1.00E+03					pCi/L
Neptunium-237	1/2	2.37E+00		1.3E-01		Yes	pCi/L
Plutonium-238	2/2	1.10E-01		1.3E-01		No	pCi/L
Radon-222	5/5	5.12E+02		1.4E+00		Yes	pCi/L
Technetium-99	103/118	1.01E+03		2.8E+01		Yes	pCi/L
Thorium-228	2/2	6.40E-01		1.7E-01		Yes	pCi/L
Thorium-230	2/2	6.90E-01		1.0E+00		No	pCi/L
Thorium-232	2/2	4.90E-01		1.2E+00		No	pCi/L
Uranium-234	5/5	1.84E+01		8.7E-01		Yes	pCi/L
Uranium-235	1/1	1.22E+00		8.2E-01		Yes	pCi/L
Uranium-238	4/5	4.19E+01		6.2E-01		Yes	pCi/L

529842

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=e MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	6/40	9.04E+01	1.5E+00		Yes		mg/L
Arsenic	2/11	3.60E-02	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	6/11	6.70E-01	1.0E-01		Yes		mg/L
Beryllium	1/11	1.70E-02	2.6E-03	1.0E-06	Yes	Yes	mg/L
Cadmium	1/11	2.10E-02	6.6E-04		Yes		mg/L
Calcium	41/41	1.18E+02					mg/L
Chloride	38/38	2.42E+01					mg/L
Chromium	2/9	2.32E-01	4.2E-03		Yes		mg/L
Cobalt	1/11	1.21E-01	9.1E-02		Yes		mg/L
Copper	3/11	1.63E-01	6.0E-02		Yes		mg/L
Fluoride	20/20	3.90E-01	9.1E-02		Yes		mg/L
Iron	41/41	1.79E+02	4.5E-01		Yes		mg/L
Magnesium	41/41	6.46E+01					mg/L
Manganese	41/41	3.91E+00	6.7E-02		Yes		mg/L
Nickel	2/11	1.09E-01	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	1/38	1.00E+00	2.4E+00		No		mg/L
Potassium	27/40	8.61E+01					mg/L
Silica	30/30	5.80E+01					mg/L
Sodium	41/41	7.65E+01					mg/L
Sulfate	2/2	1.17E+03					mg/L
Tetraoxo-sulfate(1-)	36/36	1.97E+01					mg/L
Thallium	1/4	1.23E-01					mg/L
Total Phosphate as Phosphorus	1/35	5.20E+00	3.0E-05		Yes		mg/L
Uranium	2/11	1.80E-02	4.5E-03		Yes		mg/L
Vanadium	3/4	8.36E-01	9.3E-03		Yes		mg/L
Zinc	8/11	5.64E-01	4.5E-01		Yes		mg/L
Trichloroethene	5/52	7.00E-03	1.2E-03	1.4E-04	Yes	Yes	mg/L
Alpha activity	43/48	1.07E+02					pCi/L
Beta activity	48/48	2.36E+02					pCi/L
Radon-222	31/31	3.91E+02		1.4E+00		Yes	pCi/L
Technetium-99	40/53	5.30E+01		2.8E+01		Yes	pCi/L
Thorium-230	1/1	1.00E-01		1.0E+00		No	pCi/L

526813

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=e MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	94/348	4.81E+01	1.5E+00		Yes		mg/L
Arsenic	1/158	7.00E-03	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	158/159	4.98E-01	1.0E-01		Yes		mg/L
Beryllium	3/158	6.00E-03	2.6E-03	1.0E-06	Yes	Yes	mg/L
Cadmium	2/159	2.40E-02	6.6E-04		Yes		mg/L
Calcium	374/374	7.82E+01					mg/L
Chloride	345/345	4.99E+01					mg/L
Chromium	11/161	1.12E-01	4.2E-03		Yes		mg/L
Cobalt	2/159	8.10E-02	9.1E-02		No		mg/L
Copper	29/159	1.87E+00	6.0E-02		Yes		mg/L
Fluoride	217/222	6.50E-01	9.1E-02		Yes		mg/L
Iron	226/378	2.91E+02	4.5E-01		Yes		mg/L
Lead	1/69	6.00E-02	1.5E-07		Yes		mg/L
Magnesium	376/376	1.42E+01					mg/L
Manganese	158/375	5.93E+00	6.7E-02		Yes		mg/L
Molybdenum	1/129	6.60E-02	7.5E-03		Yes		mg/L
Nickel	21/160	2.59E-01	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	328/346	1.42E+01	2.4E+00		Yes		mg/L
Potassium	44/353	4.41E+01					mg/L
Silica	207/208	3.50E+01					mg/L
Silver	1/59	3.90E-01	7.5E-03		Yes		mg/L
Sodium	376/376	6.30E+01					mg/L
Sulfate	21/22	3.56E+02					mg/L
Tetraoxo-sulfate(1-)	323/323	5.00E+01					mg/L
Thallium	2/99	1.00E-01					mg/L
Total Phosphate as Phosphorus	3/248	2.80E+00	3.0E-05		Yes		mg/L
Uranium	8/132	1.20E-02	4.5E-03		Yes		mg/L
Vanadium	74/102	2.76E-01	9.3E-03		Yes		mg/L
Zinc	69/161	4.00E-01	4.5E-01		No		mg/L
2-Butanone	2/2	1.70E-01	6.2E-02		Yes		mg/L
Acetone	1/1	1.40E-02	2.0E-02		No		mg/L
Dimethylbenzene	1/350	6.00E-03	4.0E-01		No		mg/L
Trichloroethene	439/472	1.67E+02	1.2E-03	1.4E-04	Yes	Yes	mg/L

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=e MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
trans-1,2-Dichloroethene	1/422	5.00E-03	4.0E-03		Yes		mg/L
Alpha activity	390/532	1.88E+02					pCi/L
Beta activity	530/532	1.81E+03					pCi/L
Cobalt-60	1/1	8.00E-01		2.0E+00		No	pCi/L
Neptunium-237	8/14	5.00E-01		1.3E-01		Yes	pCi/L
Plutonium-239	3/14	1.00E-01		1.2E-01		No	pCi/L
Radium-226	1/1	2.00E-01		1.3E-01		Yes	pCi/L
Radon-222	255/255	8.61E+02		1.4E+00		Yes	pCi/L
Technetium-99	526/547	2.11E+03		2.8E+01		Yes	pCi/L
Thorium-230	11/14	1.60E+00		1.0E+00		Yes	pCi/L

AREA_CODE=e MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	16/28	8.00E+01	1.5E+00		Yes		mg/L
Arsenic	1/6	8.00E-03	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	6/6	1.01E+00	1.0E-01		Yes		mg/L
Calcium	27/28	6.92E+01					mg/L
Chloride	22/22	2.13E+02					mg/L
Chromium	1/6	1.30E-01	4.2E-03		Yes		mg/L
Copper	1/6	1.00E-01	6.0E-02		Yes		mg/L
Fluoride	5/5	5.50E-01	9.1E-02		Yes		mg/L
Iron	23/28	6.80E+01	4.5E-01		Yes		mg/L
Magnesium	27/28	3.10E+01					mg/L
Manganese	5/28	1.60E-01	6.7E-02		Yes		mg/L
Nickel	2/6	5.35E-01	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	1/22	1.00E+00	2.4E+00		No		mg/L
Potassium	2/28	3.05E+00					mg/L
Silica	26/26	4.30E+01					mg/L
Sodium	27/28	1.45E+02					mg/L
Sulfate	1/1	3.42E+01					mg/L
Tetraoxo-sulfate(1-)	21/21	4.16E+01					mg/L
Uranium	4/5	4.00E-03	4.5E-03		No		mg/L
Vanadium	3/3	7.60E-01	9.3E-03		Yes		mg/L
Zinc	2/5	1.60E-01	4.5E-01		No		mg/L

526915

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=e MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Trichloroethene	3/34	4.00E-03	1.2E-03	1.4E-04	Yes	Yes	mg/L
Alpha activity	33/34	1.43E+01					pCi/L
Beta activity	31/34	4.00E+01					pCi/L
Radon-222	21/21	2.53E+02		1.4E+00		Yes	pCi/L
Technetium-99	24/34	1.80E+01		2.8E+01		No	pCi/L

AREA_CODE=f MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	2/4	3.93E-01	1.5E+00		No		mg/L
Barium	5/6	3.54E-01	1.0E-01		Yes		mg/L
Calcium	6/6	2.26E+01					mg/L
Chloride	6/6	5.00E+00					mg/L
Fluoride	5/5	2.70E-01	9.1E-02		Yes		mg/L
Iron	6/6	1.04E+01	4.5E-01		Yes		mg/L
Magnesium	6/6	6.20E+00					mg/L
Manganese	6/6	3.50E-01	6.7E-02		Yes		mg/L
Potassium	5/5	3.11E+01					mg/L
Silica	4/4	2.50E+01					mg/L
Sodium	6/6	2.92E+01					mg/L
Tetraoxo-sulfate(1-)	6/6	8.00E+00					mg/L
Zinc	3/6	3.40E-01	4.5E-01		No		mg/L
Alpha activity	13/13	1.75E+01					pCi/L
Beta activity	13/13	2.34E+02					pCi/L
Radon-222	4/4	2.67E+02		1.4E+00		Yes	pCi/L
Technetium-99	9/13	2.00E+01		2.8E+01		No	pCi/L

AREA_CODE=f MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	48/93	4.63E+01	1.5E+00		Yes		mg/L

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=f MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Arsenic	1/104	1.28E-02	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	97/98	2.70E+00	1.0E-01		Yes		mg/L
Cadmium	3/106	3.42E-01	6.6E-04		Yes		mg/L
Calcium	106/106	7.00E+01					mg/L
Chloride	105/105	1.23E+02					mg/L
Chromium	42/91	9.16E-01	4.2E-03		Yes		mg/L
Copper	6/106	3.78E-01	6.0E-02		Yes		mg/L
Fluoride	88/90	2.30E-01	9.1E-02		Yes		mg/L
Iron	88/108	7.44E+01	4.5E-01		Yes		mg/L
Magnesium	106/106	2.27E+01					mg/L
Manganese	58/106	2.21E+00	6.7E-02		Yes		mg/L
Nickel	35/106	4.48E-01	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	82/97	2.90E+00	2.4E+00		Yes		mg/L
Potassium	54/102	1.97E+01					mg/L
Silica	55/55	5.20E+01					mg/L
Sodium	105/106	7.86E+01					mg/L
Sulfate	21/22	6.76E+01					mg/L
Tetraoxo-sulfate(1-)	79/83	1.60E+02					mg/L
Uranium	1/70	3.00E-03	4.5E-03		No		mg/L
Vanadium	43/45	2.36E-01	9.3E-03		Yes		mg/L
Zinc	29/106	3.82E-01	4.5E-01		No		mg/L
1,1-Dichloroethene	3/148	2.00E-02	1.8E-03	9.3E-07	Yes	Yes	mg/L
1,2-Dichloroethene	1/6	1.40E-02	1.8E-03		Yes		mg/L
Bis(2-ethylhexyl)phthalate	1/1	2.80E-02	2.6E-02	3.1E-04	Yes	Yes	mg/L
Carbon tetrachloride	2/175	6.00E-04	1.2E-04	1.5E-05	Yes	Yes	mg/L
Diethyl phthalate	1/1	1.10E-02	1.2E+00		No		mg/L
Trichloroethene	206/214	2.40E+00	1.2E-03	1.4E-04	Yes	Yes	mg/L
cis-1,2-Dichloroethene	6/170	2.20E-02	2.0E-03		Yes		mg/L
trans-1,2-Dichloroethene	1/170	1.00E-04	4.0E-03		No		mg/L
Alpha activity	154/218	2.71E+01					pCi/L
Beta activity	205/218	1.59E+02					pCi/L
Neptunium-237	5/6	7.00E-01		1.3E-01		Yes	pCi/L
Plutonium-239	2/6	2.00E-01		1.2E-01		Yes	pCi/L
Radon-222	13/13	8.48E+02		1.4E+00		Yes	pCi/L
Technetium-99	176/222	1.68E+02		2.8E+01		Yes	pCi/L
Thorium-230	5/6	6.00E-01		1.0E+00		No	pCi/L

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Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=f MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	2/2	7.57E+00	1.5E+00		Yes		mg/L
Barium	3/3	2.22E-01	1.0E-01		Yes		mg/L
Calcium	3/3	2.27E+01					mg/L
Chloride	3/3	1.50E+01					mg/L
Copper	2/3	1.82E-01	6.0E-02		Yes		mg/L
Fluoride	3/3	2.80E-01	9.1E-02		Yes		mg/L
Iron	3/3	7.36E+00	4.5E-01		Yes		mg/L
Magnesium	3/3	1.00E+01					mg/L
Manganese	3/3	1.25E-01	6.7E-02		Yes		mg/L
Nitrate as Nitrogen	2/3	1.10E+00	2.4E+00		No		mg/L
Potassium	1/2	2.16E+00					mg/L
Silica	2/2	3.80E+01					mg/L
Sodium	3/3	5.83E+01					mg/L
Tetraoxo-sulfate(1-)	3/3	4.96E+01					mg/L
Vanadium	2/2	8.10E-02	9.3E-03		Yes		mg/L
Zinc	3/3	1.00E-01	4.5E-01		No		mg/L
Trichloroethene	1/8	2.00E-03	1.2E-03	1.4E-04	Yes	Yes	mg/L
Alpha activity	7/8	1.15E+01					pCi/L
Beta activity	8/8	1.40E+01					pCi/L
Radon-222	1/1	4.71E+02		1.4E+00		Yes	pCi/L
Technetium-99	4/8	7.70E+01		2.8E+01		Yes	pCi/L

AREA_CODE=g MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	5/9	2.16E-01	1.5E+00		No		mg/L
Arsenic	1/9	5.00E-03	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	9/9	1.11E-01	1.0E-01		Yes		mg/L
Calcium	9/9	3.26E+01					mg/L
Chloride	9/9	1.30E+01					mg/L
Copper	1/9	1.30E-02	6.0E-02		No		mg/L
Fluoride	7/7	2.10E-01	9.1E-02		Yes		mg/L
Iron	9/9	1.64E+01	4.5E-01		Yes		mg/L
Magnesium	9/9	7.79E+00					mg/L
Manganese	9/9	7.14E-01	6.7E-02		Yes		mg/L
Mercury	1/7	4.50E-03	4.4E-04		Yes		mg/L

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=g MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Nitrate as Nitrogen	1/9	1.30E+00	2.4E+00		No		mg/L
Potassium	8/9	1.39E+01					mg/L
Silica	9/9	3.00E+01					mg/L
Sodium	9/9	2.90E+01					mg/L
Tetraoxo-sulfate(1-)	6/6	1.70E+01					mg/L
Vanadium	4/7	6.40E-02	9.3E-03		Yes		mg/L
Zinc	4/9	3.30E-02	4.5E-01		No		mg/L
Alpha activity	9/10	6.90E+00					pCi/L
Beta activity	10/10	2.50E+01					pCi/L
Neptunium-237	4/7	5.00E-01		1.3E-01		Yes	pCi/L
Plutonium-239	2/7	2.00E-01		1.2E-01		Yes	pCi/L
Radium-226	5/6	1.30E+00		1.3E-01		Yes	pCi/L
Radon-222	9/9	1.78E+02		1.4E+00		Yes	pCi/L
Technetium-99	6/10	1.30E+01		2.8E+01		No	pCi/L
Thorium-230	4/7	5.00E-01		1.0E+00		No	pCi/L

AREA_CODE=g MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	25/31	1.10E+01	1.5E+00		Yes		mg/L
Arsenic	1/36	5.20E-03	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	35/36	2.00E-01	1.0E-01		Yes		mg/L
Cadmium	1/36	1.20E-02	6.6E-04		Yes		mg/L
Calcium	36/36	3.19E+01					mg/L
Chloride	33/33	5.50E+01					mg/L
Chromium	9/31	9.26E-01	4.2E-03		Yes		mg/L
Copper	8/36	1.20E-01	6.0E-02		Yes		mg/L
Fluoride	26/26	2.70E-01	9.1E-02		Yes		mg/L
Iron	32/36	1.88E+01	4.5E-01		Yes		mg/L
Lead	4/25	1.29E-01	1.5E-07		Yes		mg/L
Magnesium	36/36	1.08E+01					mg/L
Manganese	24/36	4.09E-01	6.7E-02		Yes		mg/L
Nickel	10/35	1.66E+00	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	32/33	4.10E+00	2.4E+00		Yes		mg/L
Potassium	15/35	5.51E+00					mg/L

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=g MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Silica	30/30	3.00E+01					mg/L
Sodium	34/34	3.69E+01					mg/L
Tetraoxo-sulfate(1-)	24/24	1.10E+01					mg/L
Uranium	1/69	2.00E-03	4.5E-03		No		mg/L
Vanadium	21/26	1.23E-01	9.3E-03		Yes		mg/L
Zinc	17/36	5.30E+00	4.5E-01		Yes		mg/L
Trichloroethene	2/48	1.00E-03	1.2E-03	1.4E-04	No	Yes	mg/L
Alpha activity	147/205	1.13E+01					pCi/L
Beta activity	174/205	3.60E+01					pCi/L
Neptunium-237	11/21	8.00E-01		1.3E-01		Yes	pCi/L
Plutonium-239	4/21	1.00E-01		1.2E-01		No	pCi/L
Radium-226	11/18	1.30E+00		1.3E-01		Yes	pCi/L
Radon-222	138/138	1.97E+03		1.4E+00		Yes	pCi/L
Technetium-99	59/583	2.90E+01		2.8E+01		Yes	pCi/L
Thorium-230	17/21	1.10E+00		1.0E+00		Yes	pCi/L

AREA_CODE=g MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	8/9	2.22E+00	1.5E+00		Yes		mg/L
Barium	8/9	6.20E-02	1.0E-01		No		mg/L
Calcium	9/9	4.80E+01					mg/L
Chloride	8/9	6.88E+01					mg/L
Chromium	2/9	1.18E-01	4.2E-03		Yes		mg/L
Copper	2/9	1.50E-02	6.0E-02		No		mg/L
Fluoride	6/8	1.50E-01	9.1E-02		Yes		mg/L
Iron	6/9	1.70E+00	4.5E-01		Yes		mg/L
Magnesium	9/9	1.70E+01					mg/L
Manganese	9/9	1.50E+00	6.7E-02		Yes		mg/L
Nitrate as Nitrogen	6/9	7.80E+00	2.4E+00		Yes		mg/L
Potassium	3/9	8.10E+00					mg/L
Silica	9/9	3.00E+01					mg/L
Sodium	9/9	5.50E+01					mg/L
Tetraoxo-sulfate(1-)	6/6	2.38E+02					mg/L
Vanadium	4/9	1.40E-01	9.3E-03		Yes		mg/L

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=g MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Zinc	4/9	6.20E-02	4.5E-01		No		mg/L
Alpha activity	6/12	4.70E+00					pCi/L
Beta activity	11/12	3.30E+01					pCi/L
Neptunium-237	2/7	2.00E-01		1.3E-01		Yes	pCi/L
Plutonium-239	1/7	2.00E-01		1.2E-01		Yes	pCi/L
Radium-226	4/6	1.60E+00		1.3E-01		Yes	pCi/L
Radon-222	7/7	6.95E+02		1.4E+00		Yes	pCi/L
Technetium-99	11/11	3.80E+01		2.8E+01		Yes	pCi/L
Thorium-230	3/7	4.00E-01		1.0E+00		No	pCi/L

AREA_CODE=h MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	6/9	3.44E-01	1.5E+00		No		mg/L
Barium	9/10	1.71E-01	1.0E-01		Yes		mg/L
Calcium	10/10	2.98E+01					mg/L
Chloride	10/10	1.10E+01					mg/L
Fluoride	9/9	3.30E-01	9.1E-02		Yes		mg/L
Iron	10/10	6.14E+00	4.5E-01		Yes		mg/L
Magnesium	10/10	9.76E+00					mg/L
Manganese	10/10	1.41E-01	6.7E-02		Yes		mg/L
Nitrate as Nitrogen	1/10	1.40E+00	2.4E+00		No		mg/L
Potassium	9/10	1.44E+01					mg/L
Silica	9/9	3.60E+01					mg/L
Sodium	10/10	1.72E+01					mg/L
Tetraoxo-sulfate(1-)	8/8	1.40E+01					mg/L
Vanadium	6/7	9.70E-02	9.3E-03		Yes		mg/L
Zinc	4/10	1.90E-02	4.5E-01		No		mg/L
Alpha activity	9/12	1.89E+01					pCi/L
Beta activity	12/12	3.10E+01					pCi/L
Neptunium-237	2/7	2.00E-01		1.3E-01		Yes	pCi/L
Plutonium-239	1/7	1.00E-01		1.2E-01		No	pCi/L
Radium-226	6/7	1.30E+00		1.3E-01		Yes	pCi/L
Radon-222	9/9	3.33E+02		1.4E+00		Yes	pCi/L
Technetium-99	9/12	2.10E+01		2.8E+01		No	pCi/L

526821

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=h MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Thorium-230	4/7	2.30E+00		1.0E+00		Yes	pCi/L

AREA_CODE=h MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	24/28	1.41E+00	1.5E+00		No		mg/L
Antimony	1/28	6.40E-02	5.6E-04		Yes		mg/L
Barium	25/28	1.47E-01	1.0E-01		Yes		mg/L
Calcium	28/28	1.91E+01					mg/L
Chloride	28/28	5.90E+01					mg/L
Chromium	1/28	9.40E-02	4.2E-03		Yes		mg/L
Copper	5/27	4.80E-02	6.0E-02		No		mg/L
Fluoride	27/27	2.90E+00	9.1E-02		Yes		mg/L
Iron	21/28	3.83E+00	4.5E-01		Yes		mg/L
Magnesium	28/28	7.12E+00					mg/L
Manganese	12/28	6.02E+00	6.7E-02		Yes		mg/L
Mercury	1/26	3.80E-03	4.4E-04		Yes		mg/L
Nickel	2/28	7.20E-02	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	25/28	4.60E+00	2.4E+00		Yes		mg/L
Potassium	1/28	3.88E+00					mg/L
Silica	28/28	2.20E+01					mg/L
Sodium	28/28	8.97E+01					mg/L
Tetraoxo-sulfate(1-)	19/19	4.88E+01					mg/L
Thallium	1/28	7.50E-02					mg/L
Vanadium	18/28	4.98E+00	9.3E-03		Yes		mg/L
Zinc	13/28	3.80E-02	4.5E-01		No		mg/L
Alpha activity	21/28	7.40E+00					pCi/L
Beta activity	28/28	1.30E+01					pCi/L
Neptunium-237	10/28	8.00E-01		1.3E-01		Yes	pCi/L
Plutonium-239	6/27	1.00E-01		1.2E-01		No	pCi/L
Radium-226	19/24	9.00E-01		1.3E-01		Yes	pCi/L
Radon-222	28/28	5.29E+03		1.4E+00		Yes	pCi/L
Technetium-99	20/28	2.20E+01		2.8E+01		No	pCi/L
Thorium-230	23/28	1.60E+00		1.0E+00		Yes	pCi/L

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=h MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	6/8	2.31E+00	1.5E+00		Yes		mg/L
Arsenic	1/10	7.00E-03	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	10/11	2.82E-01	1.0E-01		Yes		mg/L
Calcium	11/11	5.65E+01					mg/L
Chloride	9/9	1.09E+02					mg/L
Chromium	3/8	2.32E-01	4.2E-03		Yes		mg/L
Copper	2/11	5.30E-02	6.0E-02		No		mg/L
Fluoride	7/7	2.60E-01	9.1E-02		Yes		mg/L
Iron	10/11	4.68E+01	4.5E-01		Yes		mg/L
Magnesium	11/11	1.87E+01					mg/L
Manganese	9/11	1.42E-01	6.7E-02		Yes		mg/L
Nickel	2/11	6.50E-02	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	9/9	3.83E+01	2.4E+00		Yes		mg/L
Potassium	1/11	2.20E+00					mg/L
Silica	7/7	2.00E+01					mg/L
Sodium	10/10	6.96E+01					mg/L
Tetraoxo-sulfate(1-)	9/9	2.26E+01					mg/L
Uranium	2/24	1.60E-02	4.5E-03		Yes		mg/L
Vanadium	4/5	1.47E-01	9.3E-03		Yes		mg/L
Zinc	4/11	4.40E-02	4.5E-01		No		mg/L
Trichloroethene	2/28	3.00E-03	1.2E-03	1.4E-04	Yes	Yes	mg/L
cis-1,2-Dichloroethene	1/10	2.40E-03	2.0E-03		Yes		mg/L
Alpha activity	125/173	3.14E+01					pCi/L
Beta activity	147/173	5.70E+01					pCi/L
Radon-222	57/57	1.06E+03		1.4E+00		Yes	pCi/L
Technetium-99	97/415	3.40E+01		2.8E+01		Yes	pCi/L

AREA_CODE=h MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	2/2	1.64E+00	1.5E+00		Yes		mg/L
Barium	3/3	1.12E-01	1.0E-01		Yes		mg/L
Calcium	3/3	2.63E+01					mg/L
Chloride	3/3	3.30E+01					mg/L
Fluoride	3/3	2.30E-01	9.1E-02		Yes		mg/L
Iron	3/3	2.01E+00	4.5E-01		Yes		mg/L

5268623

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=h MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Magnesium	3/3	9.45E+00					mg/L
Manganese	3/3	7.80E-02	6.7E-02		Yes		mg/L
Nickel	3/3	5.70E-01	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	3/3	2.80E+00	2.4E+00		Yes		mg/L
Potassium	2/3	5.14E+00					mg/L
Silica	2/2	3.90E+01					mg/L
Sodium	3/3	4.52E+01					mg/L
Tetraoxo-sulfate(1-)	3/3	4.10E+01					mg/L
Vanadium	2/2	8.00E-02	9.3E-03		Yes		mg/L
Zinc	1/3	1.80E-02	4.5E-01		No		mg/L
Alpha activity	8/11	5.40E+00					pCi/L
Beta activity	11/11	1.50E+01					pCi/L
Radon-222	1/1	2.68E+02		1.4E+00		Yes	pCi/L
Technetium-99	8/11	2.20E+01		2.8E+01		No	pCi/L

AREA_CODE=i MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	2/2	3.84E-01	1.5E+00		No		mg/L
Barium	3/3	1.45E-01	1.0E-01		Yes		mg/L
Calcium	3/3	4.10E+01					mg/L
Chloride	3/3	3.10E+01					mg/L
Fluoride	3/3	2.50E-01	9.1E-02		Yes		mg/L
Iron	2/3	4.01E-01	4.5E-01		No		mg/L
Magnesium	3/3	1.76E+01					mg/L
Manganese	3/3	9.83E-01	6.7E-02		Yes		mg/L
Nitrate as Nitrogen	1/3	2.30E+00	2.4E+00		No		mg/L
Potassium	3/3	1.14E+01					mg/L
Silica	2/2	2.80E+01					mg/L
Sodium	3/3	2.44E+01					mg/L
Tetraoxo-sulfate(1-)	3/3	1.80E+01					mg/L
Uranium	1/7	1.00E-03	4.5E-03		No		mg/L
Vanadium	1/2	1.87E-01	9.3E-03		Yes		mg/L
Alpha activity	7/10	4.10E+00					pCi/L
Beta activity	10/10	2.10E+01					pCi/L

5296024

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=i MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Radon-222	1/1	6.40E+01		1.4E+00		Yes	pCi/L
Technetium-99	8/10	2.20E+01		2.8E+01		No	pCi/L

AREA_CODE=i MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	86/110	4.85E+01	1.5E+00		Yes		mg/L
Antimony	6/412	2.73E-01	5.6E-04		Yes		mg/L
Arsenic	17/476	3.60E-02	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	454/476	1.66E+00	1.0E-01		Yes		mg/L
Beryllium	28/412	8.00E-03	2.6E-03	1.0E-06	Yes	Yes	mg/L
Bicarbonate	3/3	2.37E+02					mg/L
Boron	34/48	1.54E+00	1.4E-01		Yes		mg/L
Cadmium	7/483	1.80E-02	6.6E-04		Yes		mg/L
Calcium	147/148	6.85E+01					mg/L
Cerium	24/48	8.00E-02					mg/L
Chloride	480/483	1.62E+02					mg/L
Chromium	195/488	2.51E+01	4.2E-03		Yes		mg/L
Cobalt	36/412	8.40E-02	9.1E-02		No		mg/L
Copper	42/478	3.10E-01	6.0E-02		Yes		mg/L
Fluoride	169/175	7.10E-01	9.1E-02		Yes		mg/L
Gallium	24/48	9.00E-02					mg/L
Iron	419/484	1.69E+02	4.5E-01		Yes		mg/L
Lead	8/445	1.26E-01	1.5E-07		Yes		mg/L
Lithium	24/48	8.00E-02	3.0E-02		Yes		mg/L
Magnesium	148/148	3.49E+01					mg/L
Manganese	121/148	1.49E+01	6.7E-02		Yes		mg/L
Mercury	2/434	3.00E-04	4.4E-04		No		mg/L
Molybdenum	24/87	3.00E-02	7.5E-03		Yes		mg/L
Nickel	161/478	1.89E+00	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	391/477	4.80E+00	2.4E+00		Yes		mg/L
Potassium	69/133	2.21E+01					mg/L
Selenium	3/444	9.00E-03	7.5E-03		Yes		mg/L
Silica	22/22	3.40E+01					mg/L
Silver	15/437	9.70E-02	7.5E-03		Yes		mg/L

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=i MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Sodium	477/477	7.64E+01					mg/L
Strontium	54/54	1.70E-01	9.0E-01		No		mg/L
Sulfate	73/88	2.21E+02					mg/L
Tetraoxo-sulfate(1-)	104/113	3.98E+02					mg/L
Thorium	24/48	5.00E-02					mg/L
Titanium	27/48	2.20E-01					mg/L
Uranium	13/506	2.40E-02	4.5E-03		Yes		mg/L
Vanadium	117/385	4.28E-01	9.3E-03		Yes		mg/L
Zinc	128/476	4.60E-01	4.5E-01		Yes		mg/L
Zirconium	24/48	2.00E-02					mg/L
1,1,1-Trichloroethane	1/508	4.00E-03	5.4E-02		No		mg/L
1,2-Dichlorobenzene	1/342	5.70E-05	1.2E-02		No		mg/L
1,2-Dichloroethene	4/23	2.00E-03	1.8E-03		Yes		mg/L
1,3,5-Trimethylbenzene	1/1	2.00E-04	3.9E-04		No		mg/L
1,4-Dichlorobenzene	1/342	6.20E-05	5.3E-02	2.0E-04	No	No	mg/L
2-Butanone	42/372	5.10E-02	6.2E-02		No		mg/L
4-Bromofluorobenzene	2/2	9.40E-02					mg/L
4-Methyl-2-pentanone	2/404	1.70E-02	5.1E-03		Yes		mg/L
Acetone	53/372	9.90E-02	2.0E-02		Yes		mg/L
Acrylonitrile	1/378	1.00E-02	1.2E-04	3.4E-06	Yes	Yes	mg/L
Benzene	2/505	1.00E-03	4.0E-04	3.5E-05	Yes	Yes	mg/L
Bis(2-ethylhexyl)phthalate	4/22	9.00E-03	2.6E-02	3.1E-04	No	Yes	mg/L
Bromomethane	3/404	1.00E-03	2.9E-04		Yes		mg/L
Carbazole	1/2	1.20E-02		2.2E-04		Yes	mg/L
Chlorobenzene	2/404	1.00E-03	1.3E-03		No		mg/L
Chloroethane	1/404	1.00E-03	3.1E-01		No		mg/L
Chloroform	10/524	2.00E-03	2.0E-03	1.5E-05	No	Yes	mg/L
Chloromethane	14/404	2.00E-03		1.3E-04		Yes	mg/L
Chrysene	1/22	6.00E-04		1.3E-04		Yes	mg/L
Di-n-butyl phthalate	2/22	1.00E-02	1.3E-01		No		mg/L
Dichlorodifluoromethane	1/404	7.40E-05	1.3E-02		No		mg/L
Dimethylbenzene	2/505	3.00E-03	4.0E-01		No		mg/L
Ethanol	7/340	3.50E-01					mg/L
Ethylbenzene	1/505	1.00E-03	4.5E-02		No		mg/L
Methylene chloride	39/404	1.80E-02	6.2E-02	3.6E-04	No	Yes	mg/L
PCB-1254	1/20	9.00E-04	1.9E-05	8.0E-06	Yes	Yes	mg/L
Polychlorinated biphenyl	1/87	1.00E-04		8.0E-06		Yes	mg/L
Tetrachloroethene	4/460	2.00E-03	7.9E-03	5.7E-05	No	Yes	mg/L
Toluene	15/505	9.00E-03	2.4E-02		No		mg/L

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=i MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Trichloroethene	317/611	4.70E-02	1.2E-03	1.4E-04	Yes	Yes	mg/L
Trichlorofluoromethane	7/404	2.00E-03	4.2E-02		No		mg/L
Vinyl chloride	1/526	1.00E-03		1.7E-06		Yes	mg/L
cis-1,2-Dichloroethene	13/451	2.00E-03	2.0E-03		No		mg/L
m,p-Xylene	3/12	1.50E-04	4.0E-01		No		mg/L
trans-1,2-Dichloroethene	2/516	2.00E-03	4.0E-03		No		mg/L
trans-1,3-Dichloropropene	1/404	1.70E-04					mg/L
Alpha activity	424/612	3.13E+01					pCi/L
Americium-241	3/7	8.00E-01		1.2E-01		Yes	pCi/L
Beta activity	608/642	1.35E+03					pCi/L
Cesium-137	5/7	6.00E-01		1.2E+00		No	pCi/L
Cobalt-60	5/7	1.20E+00		2.0E+00		No	pCi/L
Neptunium-237	2/3	5.00E-01		1.3E-01		Yes	pCi/L
Radium-226	8/8	9.00E-01		1.3E-01		Yes	pCi/L
Radon-222	30/30	9.30E+02		1.4E+00		Yes	pCi/L
Technetium-99	496/671	1.40E+03		2.8E+01		Yes	pCi/L
Thorium-230	2/2	4.00E-01		1.0E+00		No	pCi/L
Thorium-234	1/1	6.00E-01		2.0E+00		No	pCi/L

AREA_CODE=i MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	9/9	1.32E+01	1.5E+00		Yes		mg/L
Antimony	4/22	2.35E-01	5.6E-04		Yes		mg/L
Arsenic	11/42	5.70E-02	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	39/42	1.19E+00	1.0E-01		Yes		mg/L
Cadmium	2/46	1.90E-02	6.6E-04		Yes		mg/L
Calcium	18/18	1.28E+02					mg/L
Chloride	43/45	9.79E+01					mg/L
Chromium	4/46	1.46E-01	4.2E-03		Yes		mg/L
Cobalt	1/22	6.60E-02	9.1E-02		No		mg/L
Copper	29/46	1.32E+00	6.0E-02		Yes		mg/L
Fluoride	36/41	8.90E+00	9.1E-02		Yes		mg/L
Iron	46/46	6.06E+01	4.5E-01		Yes		mg/L
Lead	5/37	2.35E-01	1.5E-07		Yes		mg/L

526827

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=i MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Magnesium	18/18	4.37E+01					mg/L
Manganese	17/18	8.06E+00	6.7E-02		Yes		mg/L
Mercury	3/33	5.00E-04	4.4E-04		Yes		mg/L
Nickel	7/45	5.95E-01	3.0E-02		Yes		mg/L
Nitrate	1/1	2.10E+00	2.4E+00		No		mg/L
Nitrate as Nitrogen	25/40	2.30E+00	2.4E+00		No		mg/L
Potassium	6/13	1.36E+01					mg/L
Selenium	1/37	5.00E-03	7.5E-03		No		mg/L
Silica	9/9	3.50E+01					mg/L
Silver	1/33	4.50E-02	7.5E-03		Yes		mg/L
Sodium	43/43	1.49E+02					mg/L
Sulfate	12/12	1.90E+02					mg/L
Tetraoxo-sulfate(1-)	29/29	3.76E+02					mg/L
Thallium	1/17	8.20E-03					mg/L
Uranium	32/59	6.40E-01	4.5E-03		Yes		mg/L
Vanadium	16/17	4.33E-01	9.3E-03		Yes		mg/L
Zinc	38/46	1.88E+00	4.5E-01		Yes		mg/L
2-Butanone	3/28	7.00E-03	6.2E-02		No		mg/L
Acetone	4/28	1.50E-02	2.0E-02		No		mg/L
Benzene	1/48	5.00E-03	4.0E-04	3.5E-05	Yes	Yes	mg/L
Bromodichloromethane	1/49	9.00E-03	4.0E-03	8.4E-05	Yes	Yes	mg/L
Chloroform	3/50	2.40E-02	2.0E-03	1.5E-05	Yes	Yes	mg/L
Dibromochloromethane	1/29	2.00E-03	4.0E-03	6.2E-05	No	Yes	mg/L
Dichlorodifluoromethane	3/28	6.00E-03	1.3E-02		No		mg/L
Ethanol	3/28	2.40E-02					mg/L
Methylene chloride	10/28	1.30E-02	6.2E-02	3.6E-04	No	Yes	mg/L
Trichloroethene	9/89	5.60E-02	1.2E-03	1.4E-04	Yes	Yes	mg/L
Alpha activity	63/80	3.49E+02					pCi/L
Beta activity	75/80	1.00E+03					pCi/L
Cesium-137	3/4	9.00E-01		1.2E+00		No	pCi/L
Cobalt-60	4/4	1.40E+00		2.0E+00		No	pCi/L
Radium-226	3/4	7.00E-01		1.3E-01		Yes	pCi/L
Radon-222	5/5	5.19E+02		1.4E+00		Yes	pCi/L
Technetium-99	77/91	3.39E+02		2.8E+01		Yes	pCi/L

529929

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=j MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	2/2	2.04E+00	1.5E+00		Yes		mg/L
Arsenic	1/2	8.54E-02	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	2/2	1.27E-01	1.0E-01		Yes		mg/L
Calcium	2/2	5.51E+01					mg/L
Chloride	2/2	3.40E+01					mg/L
Fluoride	2/2	1.60E-01	9.1E-02		Yes		mg/L
Iron	1/2	1.22E-01	4.5E-01		No		mg/L
Magnesium	2/2	9.50E+00					mg/L
Manganese	2/2	3.02E+00	6.7E-02		Yes		mg/L
Molybdenum	1/2	3.15E-01	7.5E-03		Yes		mg/L
Potassium	1/2	8.88E+00					mg/L
Silica	2/2	1.70E+01					mg/L
Sodium	2/2	2.63E+01					mg/L
Sulfate	2/2	1.56E+02					mg/L
Thallium	1/2	1.03E-01					mg/L
Uranium	1/2	1.00E-03	4.5E-03		No		mg/L
Vanadium	2/2	1.07E-01	9.3E-03		Yes		mg/L
Alpha activity	2/2	1.00E+00					pCi/L
Beta activity	2/2	4.30E+01					pCi/L
Technetium-99	2/2	1.60E+01		2.8E+01		No	pCi/L
Thorium-230	1/2	1.00E-01		1.0E+00		No	pCi/L

AREA_CODE=j MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	4/4	7.84E+00	1.5E+00		Yes		mg/L
Arsenic	2/4	9.10E-03	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	4/4	1.11E-01	1.0E-01		Yes		mg/L
Calcium	4/4	1.34E+02					mg/L
Chloride	4/4	1.80E+01					mg/L
Copper	1/4	1.10E-02	6.0E-02		No		mg/L
Fluoride	1/4	1.80E-01	9.1E-02		Yes		mg/L
Iron	4/4	1.03E+01	4.5E-01		Yes		mg/L
Magnesium	4/4	1.81E+01					mg/L
Manganese	4/4	5.55E+00	6.7E-02		Yes		mg/L
Molybdenum	2/4	2.86E-01	7.5E-03		Yes		mg/L

526829

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=j MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Nickel	1/4	5.20E-02	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	1/4	3.40E+00	2.4E+00		Yes		mg/L
Potassium	3/4	1.94E+01					mg/L
Silica	4/4	3.20E+01					mg/L
Sodium	4/4	2.26E+01					mg/L
Sulfate	4/4	7.42E+02					mg/L
Thallium	3/4	1.35E-01					mg/L
Vanadium	3/4	1.92E-01	9.3E-03		Yes		mg/L
Zinc	4/4	4.10E-02	4.5E-01		No		mg/L
2-Butanone	1/1	1.60E-02	6.2E-02		No		mg/L
Alpha activity	4/4	2.20E+00					pCi/L
Beta activity	4/4	4.30E+01					pCi/L
Neptunium-237	2/4	4.00E-01		1.3E-01		Yes	pCi/L
Technetium-99	4/4	1.90E+01		2.8E+01		No	pCi/L
Thorium-230	3/4	2.00E-01		1.0E+00		No	pCi/L

AREA_CODE=k MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	37/55	8.77E+01	1.5E+00		Yes		mg/L
Ammonia as Nitrogen	1/3	6.23E+00					mg/L
Antimony	2/40	5.23E-02	5.6E-04		Yes		mg/L
Arsenic	5/75	2.10E-02	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	42/75	2.78E-01	1.0E-01		Yes		mg/L
Beryllium	6/40	6.28E-02	2.6E-03	1.0E-06	Yes	Yes	mg/L
Cadmium	1/75	1.60E-02	6.6E-04		Yes		mg/L
Calcium	37/37	4.39E+02					mg/L
Chloride	35/35	7.74E+01					mg/L
Chromium	10/37	8.50E-02	4.2E-03		Yes		mg/L
Cobalt	11/40	1.01E+00	9.1E-02		Yes		mg/L
Copper	13/40	3.40E-02	6.0E-02		No		mg/L
Fluoride	24/32	6.40E-01	9.1E-02		Yes		mg/L
Iron	61/72	1.23E+03	4.5E-01		Yes		mg/L
Kjeldahl Nitrogen	3/4	1.38E+00					mg/L
Lead	14/72	1.78E+00	1.5E-07		Yes		mg/L

526830

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=k MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Magnesium	72/72	1.72E+02					mg/L
Manganese	70/72	6.00E+01	6.7E-02		Yes		mg/L
Mercury	1/35	3.00E-04	4.4E-04		No		mg/L
Nickel	23/75	7.76E-01	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	10/32	3.80E+00	2.4E+00		Yes		mg/L
Nitrate/Nitrite	2/4	2.20E-01	2.4E+00		No		mg/L
Potassium	38/69	2.46E+01					mg/L
Selenium	3/38	4.90E-03	7.5E-03		No		mg/L
Silica	49/50	5.02E+02					mg/L
Silver	1/31	2.20E-03	7.5E-03		No		mg/L
Sodium	72/72	2.05E+02					mg/L
Strontium	30/38	2.33E+00	9.0E-01		Yes		mg/L
Sulfate	3/3	1.98E+03					mg/L
Sulfide	2/4	2.40E+00					mg/L
Tetraoxo-sulfate(1-)	29/29	4.87E+03					mg/L
Tin	1/4	1.05E-02	8.9E-01		No		mg/L
Total Phosphate as Phosphorus	1/3	3.40E-01	3.0E-05		Yes		mg/L
Uranium	48/77	1.40E-02	4.5E-03		Yes		mg/L
Vanadium	15/17	3.07E-01	9.3E-03		Yes		mg/L
Zinc	23/40	1.99E+00	4.5E-01		Yes		mg/L
1,1,1-Trichloroethane	3/70	4.40E-02	5.4E-02		No		mg/L
1,1-Dichloroethane	11/70	1.40E-01	2.7E-02		Yes		mg/L
1,1-Dichloroethene	11/70	4.60E-01	1.8E-03	9.3E-07	Yes	Yes	mg/L
1,2-Dichloroethene	2/9	3.30E-01	1.8E-03		Yes		mg/L
Acetone*	1/9	1.00E-01	2.0E-02		Yes		mg/L
Di-n-butyl phthalate	1/10	1.40E-02	1.3E-01		No		mg/L
Methylene chloride	8/9	1.10E-02	6.2E-02	3.6E-04	No	Yes	mg/L
Naphthalene	1/10	7.00E-02	2.0E-04		Yes		mg/L
Phenanthrene	1/10	2.00E-03					mg/L
Trichloroethene	22/81	6.00E-01	1.2E-03	1.4E-04	Yes	Yes	mg/L
Vinyl chloride	1/70	1.50E-02		1.7E-06		Yes	mg/L
cis-1,2-Dichloroethene	32/62	4.20E+00	2.0E-03		Yes		mg/L
Alpha activity	72/93	5.99E+01					pCi/L
Beta activity	78/93	1.60E+02					pCi/L
Neptunium-237	3/8	5.50E-01		1.3E-01		Yes	pCi/L
Plutonium-238	1/1	1.00E-01		1.3E-01		No	pCi/L
Plutonium-239	1/8	1.00E-01		1.2E-01		No	pCi/L
Plutonium-242	1/1	1.83E-02		1.3E-01		No	pCi/L
Radium-226	5/6	8.00E-01		1.3E-01		Yes	pCi/L

576891

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=k MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Radon-222	30/30	1.31E+03		1.4E+00		Yes	pCi/L
Technetium-99	67/93	1.88E+02		2.8E+01		Yes	pCi/L
Thorium-228	1/1	7.80E-01		1.7E-01		Yes	pCi/L
Thorium-230	7/8	7.90E-01		1.0E+00		No	pCi/L
Thorium-232	1/1	6.40E-01		1.2E+00		No	pCi/L
Uranium-234	11/14	8.44E+00		8.7E-01		Yes	pCi/L
Uranium-235	5/11	6.10E-01		8.2E-01		No	pCi/L
Uranium-238	12/14	8.72E+00		6.2E-01		Yes	pCi/L

AREA_CODE=k MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Alpha activity	25/27	6.00E+00					pCi/L
Beta activity	25/27	1.20E+01					pCi/L
Radon-222	5/6	5.76E+02		1.4E+00		Yes	pCi/L
Technetium-99	8/31	2.10E+01		2.8E+01		No	pCi/L

AREA_CODE=l MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	7/44	1.50E+00	1.5E+00		Yes		mg/L
Antimony	1/26	1.85E-01	5.6E-04		Yes		mg/L
Barium	17/18	1.70E-01	1.0E-01		Yes		mg/L
Calcium	48/48	2.76E+01					mg/L
Chloride	45/45	5.51E+01					mg/L
Copper	2/18	2.00E-02	6.0E-02		No		mg/L
Fluoride	25/25	1.80E-01	9.1E-02		Yes		mg/L
Iron	47/48	1.66E+01	4.5E-01		Yes		mg/L
Magnesium	48/48	1.23E+01					mg/L
Manganese	47/48	9.11E-01	6.7E-02		Yes		mg/L
Nitrate as Nitrogen	1/45	5.60E+00	2.4E+00		Yes		mg/L

525852

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=1 MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Potassium	25/44	1.23E+01					mg/L
Silica	35/35	3.40E+01					mg/L
Sodium	48/48	3.81E+01					mg/L
Tetraoxo-sulfate(1-)	27/41	2.89E+01					mg/L
Thallium	1/8	1.02E+00					mg/L
Vanadium	5/8	6.60E-02	9.3E-03		Yes		mg/L
Zinc	14/18	1.90E-01	4.5E-01		No		mg/L
Trichloroethene	5/58	9.60E+00	1.2E-03	1.4E-04	Yes	Yes	mg/L
Alpha activity	41/50	7.30E+00					pCi/L
Beta activity	49/50	1.48E+03					pCi/L
Neptunium-237	6/10	4.00E-01		1.3E-01		Yes	pCi/L
Plutonium-238	1/2	5.00E-02		1.3E-01		No	pCi/L
Plutonium-239	1/7	1.00E-01		1.2E-01		No	pCi/L
Radium-226	8/9	8.60E-01		1.3E-01		Yes	pCi/L
Radon-222	44/44	2.91E+02		1.4E+00		Yes	pCi/L
Technetium-99	39/58	1.95E+03		2.8E+01		Yes	pCi/L
Thorium-230	6/9	8.00E-01		1.0E+00		No	pCi/L

AREA_CODE=1 MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Methylene chloride	1/1	5.00E-03	6.2E-02	3.6E-04	No	Yes	mg/L

AREA_CODE=1 MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	177/395	1.43E+02	1.5E+00		Yes		mg/L
Arsenic	34/576	1.40E-01	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	242/252	2.20E+00	1.0E-01		Yes		mg/L
Beryllium	12/255	1.40E-02	2.6E-03	1.0E-06	Yes	Yes	mg/L
Cadmium	6/590	2.13E-01	6.6E-04		Yes		mg/L

S26833

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=1 MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Calcium	485/485	4.87E+01					mg/L
Chloride	452/452	5.86E+02					mg/L
Chromium	85/585	8.62E+00	4.2E-03		Yes		mg/L
Cobalt	11/249	9.00E-02	9.1E-02		No		mg/L
Copper	26/260	1.31E-01	6.0E-02		Yes		mg/L
Fluoride	210/317	7.20E+00	9.1E-02		Yes		mg/L
Iron	360/490	7.20E+02	4.5E-01		Yes		mg/L
Lead	21/490	4.32E-01	1.5E-07		Yes		mg/L
Magnesium	491/491	4.72E+01					mg/L
Manganese	345/482	8.20E+00	6.7E-02		Yes		mg/L
Mercury	1/472	3.00E-04	4.4E-04		No		mg/L
Molybdenum	5/165	1.00E-01	7.5E-03		Yes		mg/L
Nickel	94/266	6.73E-01	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	273/438	3.93E+01	2.4E+00		Yes		mg/L
Nitrate/Nitrite	6/6	9.40E+00	2.4E+00		Yes		mg/L
Potassium	77/445	2.44E+01					mg/L
Selenium	5/489	4.76E-01	7.5E-03		Yes		mg/L
Silica	243/243	4.50E+01					mg/L
Silver	2/124	5.70E-03	7.5E-03		No		mg/L
Sodium	490/490	2.66E+02					mg/L
Strontium	3/3	3.33E-01	9.0E-01		No		mg/L
Sulfate	31/31	4.20E+01					mg/L
Tetraoxo-sulfate(1-)	399/417	2.24E+02					mg/L
Thallium	1/143	2.38E-01					mg/L
Tin	4/14	8.00E-01	8.9E-01		No		mg/L
Total Phosphate as Phosphorus	12/268	3.49E+01	3.0E-05		Yes		mg/L
Uranium	28/622	1.90E-01	4.5E-03		Yes		mg/L
Vanadium	109/150	9.50E-01	9.3E-03		Yes		mg/L
Zinc	100/262	1.00E+00	4.5E-01		Yes		mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	2/4	5.70E-03	1.9E+00		No		mg/L
1,1,2-Trichloroethane	1/659	2.00E-03	8.1E-04	1.8E-05	Yes	Yes	mg/L
1,1-Dichloroethane	1/602	4.10E-03	2.7E-02		No		mg/L
1,1-Dichloroethene	4/604	6.50E-02	1.8E-03	9.3E-07	Yes	Yes	mg/L
1,2-Dichloroethane	1/667	1.10E-03	6.7E-04	1.1E-05	Yes	Yes	mg/L
4-Methyl-2-pentanone	1/22	2.50E-03	5.1E-03		No		mg/L
Acetone	4/24	2.30E-02	2.0E-02		Yes		mg/L
Bis(2-ethylhexyl)phthalate	2/12	2.00E-03	2.6E-02	3.1E-04	No	Yes	mg/L
Butyl benzyl phthalate	1/12	1.00E-03	2.6E-01		No		mg/L
Carbon tetrachloride	4/668	1.60E-01	1.2E-04	1.5E-05	Yes	Yes	mg/L

526834

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=1 MEDIA=RGA Groundwater
(continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Chlorobenzene	1/22	2.00E-03	1.3E-03		Yes		mg/L
Chloroform	6/666	1.40E-02	2.0E-03	1.5E-05	Yes	Yes	mg/L
Di-n-butyl phthalate	2/12	2.10E-02	1.3E-01		No		mg/L
Dimethylbenzene	1/627	2.20E+00	4.0E-01		Yes		mg/L
Ethane	8/15	1.97E-01					mg/L
Ethylbenzene	1/628	8.70E-01	4.5E-02		Yes		mg/L
Ethylene	8/15	4.17E+00					mg/L
Methylene chloride	8/22	1.30E-01	6.2E-02	3.6E-04	Yes	Yes	mg/L
Tetrachloroethene	7/689	3.20E-01	7.9E-03	5.7E-05	Yes	Yes	mg/L
Toluene	3/628	1.10E-02	2.4E-02		No		mg/L
Trichloroethene	816/1E3	4.60E+02	1.2E-03	1.4E-04	Yes	Yes	mg/L
Vinyl chloride	2/680	6.30E+00		1.7E-06		Yes	mg/L
cis-1,2-Dichloroethene	25/670	4.20E+00	2.0E-03		Yes		mg/L
trans-1,2-Dichloroethene	4/666	1.20E+00	4.0E-03		Yes		mg/L
Alpha activity	606/885	6.59E+01					pCi/L
Americium-241	13/21	3.50E+00		1.2E-01		Yes	pCi/L
Beta activity	794/885	9.83E+03					pCi/L
Cesium-137	9/36	2.07E+01		1.2E+00		Yes	pCi/L
Cobalt-60	8/11	2.30E+00		2.0E+00		Yes	pCi/L
Neptunium-237	36/58	1.44E+01		1.3E-01		Yes	pCi/L
Plutonium-238	9/13	7.00E-02		1.3E-01		No	pCi/L
Plutonium-239	12/38	2.00E-01		1.2E-01		Yes	pCi/L
Plutonium-239/240	5/7	3.06E-02		1.2E-01		No	pCi/L
Radium-226	40/45	7.39E+02		1.3E-01		Yes	pCi/L
Radon-222	311/311	9.48E+03		1.4E+00		Yes	pCi/L
Technetium-99	1E3/2E3	1.67E+04		2.8E+01		Yes	pCi/L
Thorium-230	41/52	4.70E+00		1.0E+00		Yes	pCi/L
Uranium-234	24/32	2.00E+02		8.7E-01		Yes	pCi/L
Uranium-235	10/22	9.96E+00		8.2E-01		Yes	pCi/L
Uranium-235/236	8/10	3.50E-01		8.2E-01		No	pCi/L
Uranium-238	21/29	2.11E+02		6.2E-01		Yes	pCi/L

526855

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	129/151	6.24E+01	1.5E+00		Yes		mg/L
Ammonia as Nitrogen	2/4	1.60E-01					mg/L
Antimony	3/133	2.79E-02	5.6E-04		Yes		mg/L
Arsenic	69/263	4.53E-01	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	126/134	8.88E-01	1.0E-01		Yes		mg/L
Beryllium	5/127	1.70E-03	2.6E-03	1.0E-06	No	Yes	mg/L
Cadmium	6/269	1.80E-02	6.6E-04		Yes		mg/L
Calcium	164/164	3.78E+02					mg/L
Chloride	161/162	6.29E+02					mg/L
Chromium	46/262	1.36E+00	4.2E-03		Yes		mg/L
Cobalt	9/125	6.76E-02	9.1E-02		No		mg/L
Copper	16/127	3.30E-02	6.0E-02		No		mg/L
Cyanide	2/9	1.00E-02	2.8E-02		No		mg/L
Fluoride	85/134	2.40E+00	9.1E-02		Yes		mg/L
Iron	158/170	3.44E+02	4.5E-01		Yes		mg/L
Kjeldahl Nitrogen	3/4	8.95E+00					mg/L
Lead	10/193	1.38E+00	1.5E-07		Yes		mg/L
Magnesium	173/173	9.40E+01					mg/L
Manganese	143/168	2.70E+01	6.7E-02		Yes		mg/L
Mercury	2/180	3.00E-04	4.4E-04		No		mg/L
Molybdenum	1/105	1.00E-02	7.5E-03		Yes		mg/L
Nickel	48/137	2.30E+00	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	40/150	2.69E+01	2.4E+00		Yes		mg/L
Nitrate/Nitrite	7/9	9.38E+00	2.4E+00		Yes		mg/L
Orthophosphate	3/3	1.60E-01					mg/L
Potassium	32/165	2.98E+01					mg/L
Selenium	9/183	1.60E-02	7.5E-03		Yes		mg/L
Silica	87/87	7.90E+01					mg/L
Silver	3/27	5.00E-03	7.5E-03		No		mg/L
Sodium	173/173	2.81E+02					mg/L
Strontium	9/10	1.64E+00	9.0E-01		Yes		mg/L
Sulfate	17/18	2.19E+02					mg/L
Sulfide	3/4	6.40E+01					mg/L

526836

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater
(continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Tetraoxo-sulfate(1-)	138/143	6.95E+02					mg/L
Thallium	2/108	9.10E-02					mg/L
Tin	1/5	2.60E-02	8.9E-01		No		mg/L
Uranium	41/226	1.30E-01	4.5E-03		Yes		mg/L
Vanadium	94/110	7.11E-01	9.3E-03		Yes		mg/L
Zinc	66/128	9.90E-02	4.5E-01		No		mg/L
1,1,1-Trichloroethane	2/106	1.60E-02	5.4E-02		No		mg/L
1,1-Dichloroethane	3/108	1.20E-02	2.7E-02		No		mg/L
1,1-Dichloroethene	10/125	2.00E-01	1.8E-03	9.3E-07	Yes	Yes	mg/L
1,2-Dichloroethane	1/152	2.00E-03	6.7E-04	1.1E-05	Yes	Yes	mg/L
1,2-Dichloroethene	2/10	1.40E-02	1.8E-03		Yes		mg/L
2,4-Dichlorophenol	1/10	4.00E-04	4.1E-03		No		mg/L
2,4-Dimethylphenol	1/10	4.40E-03	3.9E-03		Yes		mg/L
4-Methyl-2-pentanone	1/13	1.90E-03	5.1E-03		No		mg/L
4-Methylphenol	1/10	2.10E-04	7.3E-03		No		mg/L
Acetone	1/14	5.20E-03	2.0E-02		No		mg/L
Benzene	3/189	7.80E-03	4.0E-04	3.5E-05	Yes	Yes	mg/L
Bis(2-ethylhexyl)phthalate	1/10	1.00E-03	2.6E-02	3.1E-04	No	Yes	mg/L
Chloroethane	1/17	8.20E-01	3.1E-01		Yes		mg/L
Chloroform	7/153	1.70E-02	2.0E-03	1.5E-05	Yes	Yes	mg/L
Di-n-butyl phthalate	3/10	9.80E-04	1.3E-01		No		mg/L
Diethyl phthalate	1/10	8.50E-04	1.2E+00		No		mg/L
Dimethylbenzene	13/189	2.80E+00	4.0E-01		Yes		mg/L
Ethane	3/5	3.03E-01					mg/L
Ethylbenzene	15/190	1.50E+00	4.5E-02		Yes		mg/L
Ethylene	3/5	3.96E+00					mg/L
Fluorene	1/17	7.00E-03	7.4E-03		No		mg/L
Isophorone	1/10	6.60E-03	3.0E-01	5.5E-03	No	Yes	mg/L
Methylene chloride	6/13	1.80E-02	6.2E-02	3.6E-04	No	Yes	mg/L
Naphthalene	1/17	4.70E-02	2.0E-04		Yes		mg/L
Phenanthrene	1/17	5.00E-03					mg/L
Toluene	1/188	1.80E-02	2.4E-02		No		mg/L

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Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=l MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Trichloroethene	314/470	3.10E+03	1.2E-03	1.4E-04	Yes	Yes	mg/L
Vinyl chloride	34/168	5.00E+00		1.7E-06		Yes	mg/L
cis-1,2-Dichloroethene	58/158	4.90E+00	2.0E-03		Yes		mg/L
trans-1,2-Dichloroethene	3/157	5.00E-01	4.0E-03		Yes		mg/L
Alpha activity	288/344	5.75E+01					pCi/L
Americium-241	2/5	3.40E-01		1.2E-01		Yes	pCi/L
Beta activity	314/344	1.26E+03					pCi/L
Cobalt-60	2/3	1.20E+00		2.0E+00		No	pCi/L
Neptunium-237	10/16	2.37E+00		1.3E-01		Yes	pCi/L
Plutonium-238	3/4	1.10E-01		1.3E-01		No	pCi/L
Plutonium-239	5/13	7.60E-01		1.2E-01		Yes	pCi/L
Plutonium-239/240	1/1	2.07E-02		1.2E-01		No	pCi/L
Radium-226	2/5	6.00E-01		1.3E-01		Yes	pCi/L
Radon-222	44/44	2.05E+03		1.4E+00		Yes	pCi/L
Technetium-99	459/496	1.01E+03		2.8E+01		Yes	pCi/L
Thorium-228	2/2	6.40E-01		1.7E-01		Yes	pCi/L
Thorium-230	13/15	8.00E-01		1.0E+00		No	pCi/L
Thorium-232	2/2	4.90E-01		1.2E+00		No	pCi/L
Uranium-234	14/16	1.84E+01		8.7E-01		Yes	pCi/L
Uranium-235	6/9	1.22E+00		8.2E-01		Yes	pCi/L
Uranium-235/236	4/5	8.00E-02		8.2E-01		No	pCi/L
Uranium-238	13/14	4.19E+01		6.2E-01		Yes	pCi/L

AREA_CODE=m MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	23/66	9.04E+01	1.5E+00		Yes		mg/L
Arsenic	4/41	8.54E-02	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	34/41	6.70E-01	1.0E-01		Yes		mg/L
Beryllium	1/41	1.70E-02	2.6E-03	1.0E-06	Yes	Yes	mg/L
Cadmium	1/41	2.10E-02	6.6E-04		Yes		mg/L
Calcium	71/71	1.18E+02					mg/L
Chloride	68/68	3.40E+01					mg/L
Chromium	2/33	2.32E-01	4.2E-03		Yes		mg/L
Cobalt	1/41	1.21E-01	9.1E-02		Yes		mg/L

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Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=m MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Copper	4/41	1.63E-01	6.0E-02		Yes		mg/L
Fluoride	46/46	3.90E-01	9.1E-02		Yes		mg/L
Iron	69/71	1.79E+02	4.5E-01		Yes		mg/L
Magnesium	71/71	6.46E+01					mg/L
Manganese	71/71	3.91E+00	6.7E-02		Yes		mg/L
Mercury	1/24	4.50E-03	4.4E-04		Yes		mg/L
Molybdenum	1/36	3.15E-01	7.5E-03		Yes		mg/L
Nickel	2/41	1.09E-01	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	4/68	2.30E+00	2.4E+00		No		mg/L
Potassium	53/69	8.61E+01					mg/L
Silica	56/56	5.80E+01					mg/L
Sodium	71/71	7.65E+01					mg/L
Sulfate	4/4	1.17E+03					mg/L
Tetraoxo-sulfate(1-)	59/59	1.97E+01					mg/L
Thallium	2/24	1.23E-01					mg/L
Total Phosphate as Phosphorus	1/35	5.20E+00	3.0E-05		Yes		mg/L
Uranium	4/49	1.80E-02	4.5E-03		Yes		mg/L
Vanadium	16/24	8.36E-01	9.3E-03		Yes		mg/L
Zinc	19/41	5.64E-01	4.5E-01		Yes		mg/L
Trichloroethene	5/96	7.00E-03	1.2E-03	1.4E-04	Yes	Yes	mg/L
Alpha activity	83/95	1.07E+02					pCi/L
Beta activity	95/95	2.36E+02					pCi/L
Neptunium-237	6/17	5.00E-01		1.3E-01		Yes	pCi/L
Plutonium-239	3/17	2.00E-01		1.2E-01		Yes	pCi/L
Radium-226	11/13	1.30E+00		1.3E-01		Yes	pCi/L
Radon-222	54/54	3.91E+02		1.4E+00		Yes	pCi/L
Technetium-99	74/100	5.30E+01		2.8E+01		Yes	pCi/L
Thorium-230	10/17	2.30E+00		1.0E+00		Yes	pCi/L

AREA_CODE=m MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	61/83	8.77E+01	1.5E+00		Yes		mg/L
Ammonia as Nitrogen	1/3	6.23E+00					mg/L
Antimony	3/68	6.40E-02	5.6E-04		Yes		mg/L

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Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Arsenic	5/103	2.10E-02	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	67/103	2.78E-01	1.0E-01		Yes		mg/L
Beryllium	6/68	6.28E-02	2.6E-03	1.0E-06	Yes	Yes	mg/L
Cadmium	1/103	1.60E-02	6.6E-04		Yes		mg/L
Calcium	65/65	4.39E+02					mg/L
Chloride	63/63	7.74E+01					mg/L
Chromium	11/65	9.40E-02	4.2E-03		Yes		mg/L
Cobalt	11/68	1.01E+00	9.1E-02		Yes		mg/L
Copper	18/67	4.80E-02	6.0E-02		No		mg/L
Fluoride	51/59	2.90E+00	9.1E-02		Yes		mg/L
Iron	82/100	1.23E+03	4.5E-01		Yes		mg/L
Kjeldahl Nitrogen	3/4	1.38E+00					mg/L
Lead	14/100	1.78E+00	1.5E-07		Yes		mg/L
Magnesium	100/100	1.72E+02					mg/L
Manganese	82/100	6.00E+01	6.7E-02		Yes		mg/L
Mercury	2/61	3.80E-03	4.4E-04		Yes		mg/L
Nickel	25/103	7.76E-01	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	35/60	4.60E+00	2.4E+00		Yes		mg/L
Nitrate/Nitrite	2/4	2.20E-01	2.4E+00		No		mg/L
Potassium	39/97	2.46E+01					mg/L
Selenium	3/66	4.90E-03	7.5E-03		No		mg/L
Silica	77/78	5.02E+02					mg/L
Silver	1/31	2.20E-03	7.5E-03		No		mg/L
Sodium	100/100	2.05E+02					mg/L
Strontium	30/38	2.33E+00	9.0E-01		Yes		mg/L
Sulfate	3/3	1.98E+03					mg/L
Sulfide	2/4	2.40E+00					mg/L
Tetraoxo-sulfate(1-)	48/48	4.87E+03					mg/L
Thallium	1/45	7.50E-02					mg/L
Tin	1/4	1.05E-02	8.9E-01		No		mg/L
Total Phosphate as Phosphorus	1/3	3.40E-01	3.0E-05		Yes		mg/L
Uranium	48/103	1.40E-02	4.5E-03		Yes		mg/L
Vanadium	33/45	4.98E+00	9.3E-03		Yes		mg/L
Zinc	36/68	1.99E+00	4.5E-01		Yes		mg/L
1,1,1-Trichloroethane	3/71	4.40E-02	5.4E-02		No		mg/L
1,1-Dichloroethane	11/71	1.40E-01	2.7E-02		Yes		mg/L
1,1-Dichloroethene	11/71	4.60E-01	1.8E-03	9.3E-07	Yes	Yes	mg/L
1,2-Dichloroethene	2/9	3.30E-01	1.8E-03		Yes		mg/L
Acetone	1/9	1.00E-01	2.0E-02		Yes		mg/L

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Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Di-n-butyl phthalate	1/10	1.40E-02	1.3E-01		No		mg/L
Methylene chloride	8/9	1.10E-02	6.2E-02	3.6E-04	No	Yes	mg/L
Naphthalene	1/10	7.00E-02	2.0E-04		Yes		mg/L
Phenanthrene	1/10	2.00E-03					mg/L
Trichloroethene	22/110	6.00E-01	1.2E-03	1.4E-04	Yes	Yes	mg/L
Vinyl chloride	1/71	1.50E-02		1.7E-06		Yes	mg/L
cis-1,2-Dichloroethene	32/63	4.20E+00	2.0E-03		Yes		mg/L
Alpha activity	93/121	5.99E+01					pCi/L
Beta activity	106/121	1.60E+02					pCi/L
Neptunium-237	13/36	8.00E-01		1.3E-01		Yes	pCi/L
Plutonium-238	1/1	1.00E-01		1.3E-01		No	pCi/L
Plutonium-239	7/35	1.00E-01		1.2E-01		No	pCi/L
Plutonium-242	1/1	1.83E-02		1.3E-01		No	pCi/L
Radium-226	24/30	9.00E-01		1.3E-01		Yes	pCi/L
Radon-222	58/58	5.29E+03		1.4E+00		Yes	pCi/L
Technetium-99	87/121	1.88E+02		2.8E+01		Yes	pCi/L
Thorium-228	1/1	7.80E-01		1.7E-01		Yes	pCi/L
Thorium-230	30/36	1.60E+00		1.0E+00		Yes	pCi/L
Thorium-232	1/1	6.40E-01		1.2E+00		No	pCi/L
Uranium-234	11/14	8.44E+00		8.7E-01		Yes	pCi/L
Uranium-235	5/11	6.10E-01		8.2E-01		No	pCi/L
Uranium-238	12/14	8.72E+00		6.2E-01		Yes	pCi/L

AREA_CODE=m MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	263/594	4.85E+01	1.5E+00		Yes		mg/L
Antimony	6/782	2.73E-01	5.6E-04		Yes		mg/L
Arsenic	23/788	3.60E-02	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	758/784	2.70E+00	1.0E-01		Yes		mg/L
Beryllium	31/719	8.00E-03	2.6E-03	1.0E-06	Yes	Yes	mg/L
Bicarbonate	3/3	2.37E+02					mg/L
Boron	34/48	1.54E+00	1.4E-01		Yes		mg/L
Cadmium	13/799	3.42E-01	6.6E-04		Yes		mg/L
Calcium	678/679	1.34E+02					mg/L

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=m MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Cerium	24/48	8.00E-02					mg/L
Chloride	976/979	1.62E+02					mg/L
Chromium	260/783	2.51E+01	4.2E-03		Yes		mg/L
Cobalt	38/720	8.40E-02	9.1E-02		No		mg/L
Copper	88/794	1.87E+00	6.0E-02		Yes		mg/L
Fluoride	508/524	7.10E-01	9.1E-02		Yes		mg/L
Gallium	24/48	9.00E-02					mg/L
Iron	779/1E3	2.91E+02	4.5E-01		Yes		mg/L
Lead	13/588	1.29E-01	1.5E-07		Yes		mg/L
Lithium	24/48	8.00E-02	3.0E-02		Yes		mg/L
Magnesium	681/681	3.49E+01					mg/L
Manganese	374/680	1.49E+01	6.7E-02		Yes		mg/L
Mercury	2/576	3.00E-04	4.4E-04		No		mg/L
Molybdenum	27/344	2.86E-01	7.5E-03		Yes		mg/L
Nickel	230/794	1.89E+00	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	843/966	3.83E+01	2.4E+00		Yes		mg/L
Potassium	186/638	4.41E+01					mg/L
Selenium	3/602	9.00E-03	7.5E-03		Yes		mg/L
Silica	325/326	5.20E+01					mg/L
Silver	16/569	3.90E-01	7.5E-03		Yes		mg/L
Sodium	1E3/1E3	7.86E+01					mg/L
Strontium	54/54	1.70E-01	9.0E-01		No		mg/L
Sulfate	119/136	7.42E+02					mg/L
Tetraoxo-sulfate(1-)	539/552	3.98E+02					mg/L
Thallium	5/557	1.35E-01					mg/L
Thorium	24/48	5.00E-02					mg/L
Titanium	27/48	2.20E-01					mg/L
Total Phosphate as Phosphorus	3/289	2.80E+00	3.0E-05		Yes		mg/L
Uranium	25/823	2.40E-02	4.5E-03		Yes		mg/L
Vanadium	262/567	4.28E-01	9.3E-03		Yes		mg/L
Zinc	251/794	5.30E+00	4.5E-01		Yes		mg/L
Zirconium	24/48	2.00E-02					mg/L
1,1,1-Trichloroethane	1/1E3	4.00E-03	5.4E-02		No		mg/L
1,1-Dichloroethene	3/1E3	2.00E-02	1.8E-03	9.3E-07	Yes	Yes	mg/L
1,2-Dichlorobenzene	1/343	5.70E-05	1.2E-02		No		mg/L
1,2-Dichloroethene	5/36	1.40E-02	1.8E-03		Yes		mg/L
1,3,5-Trimethylbenzene	1/1	2.00E-04	3.9E-04		No		mg/L
1,4-Dichlorobenzene	1/343	6.20E-05	5.3E-02	2.0E-04	No	No	mg/L
2-Butanone	45/382	1.70E-01	6.2E-02		Yes		mg/L

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=m MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
4-Bromofluorobenzene	2/2	9.40E-02					mg/L
4-Methyl-2-pentanone	2/411	1.70E-02	5.1E-03		Yes		mg/L
Acetone	54/382	9.90E-02	2.0E-02		Yes		mg/L
Acrylonitrile	1/378	1.00E-02	1.2E-04	3.4E-06	Yes	Yes	mg/L
Benzene	2/1E3	1.00E-03	4.0E-04	3.5E-05	Yes	Yes	mg/L
Bis(2-ethylhexyl)phthalate	5/23	2.80E-02	2.6E-02	3.1E-04	Yes	Yes	mg/L
Bromomethane	3/413	1.00E-03	2.9E-04		Yes		mg/L
Carbazole	1/3	1.20E-02		2.2E-04		Yes	mg/L
Carbon tetrachloride	2/1E3	6.00E-04	1.2E-04	1.5E-05	Yes	Yes	mg/L
Chlorobenzene	2/413	1.00E-03	1.3E-03		No		mg/L
Chloroethane	1/418	1.00E-03	3.1E-01		No		mg/L
Chloroform	10/1E3	2.00E-03	2.0E-03	1.5E-05	No	Yes	mg/L
Chloromethane	14/411	2.00E-03		1.3E-04		Yes	mg/L
Chrysene	1/23	6.00E-04		1.3E-04		Yes	mg/L
Di-n-butyl phthalate	2/23	1.00E-02	1.3E-01		No		mg/L
Dichlorodifluoromethane	1/404	7.40E-05	1.3E-02		No		mg/L
Diethyl phthalate	1/23	1.10E-02	1.2E+00		No		mg/L
Dimethylbenzene	3/1E3	6.00E-03	4.0E-01		No		mg/L
Ethanol	7/340	3.50E-01					mg/L
Ethylbenzene	1/1E3	1.00E-03	4.5E-02		No		mg/L
Methylene chloride	39/413	1.80E-02	6.2E-02	3.6E-04	No	Yes	mg/L
PCB-1254	1/20	9.00E-04	1.9E-05	8.0E-06	Yes	Yes	mg/L
Polychlorinated biphenyl	1/99	1.00E-04		8.0E-06		Yes	mg/L
Tetrachloroethene	4/1E3	2.00E-03	7.9E-03	5.7E-05	No	Yes	mg/L
Toluene	15/1E3	9.00E-03	2.4E-02		No		mg/L
Trichloroethene	966/1E3	1.67E+02	1.2E-03	1.4E-04	Yes	Yes	mg/L
Trichlorofluoromethane	7/404	2.00E-03	4.2E-02		No		mg/L
Vinyl chloride	1/1E3	1.00E-03		1.7E-06		Yes	mg/L
cis-1,2-Dichloroethene	20/1E3	2.20E-02	2.0E-03		Yes		mg/L
m,p-Xylene	3/12	1.50E-04	4.0E-01		No		mg/L
trans-1,2-Dichloroethene	4/1E3	5.00E-03	4.0E-03		Yes		mg/L
trans-1,3-Dichloropropene	1/413	1.70E-04					mg/L
Alpha activity	1E3/2E3	1.88E+02					pCi/L
Americium-241	3/8	8.00E-01		1.2E-01		Yes	pCi/L
Beta activity	2E3/2E3	1.81E+03					pCi/L
Cesium-137	5/8	6.00E-01		1.2E+00		No	pCi/L
Cobalt-60	6/8	1.20E+00		2.0E+00		No	pCi/L
Neptunium-237	28/48	8.00E-01		1.3E-01		Yes	pCi/L
Plutonium-239	9/48	2.00E-01		1.2E-01		Yes	pCi/L

5258643

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=m MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Radium-226	20/27	1.30E+00		1.3E-01		Yes	pCi/L
Radon-222	498/499	1.97E+03		1.4E+00		Yes	pCi/L
Technetium-99	1E3/2E3	2.11E+03		2.8E+01		Yes	pCi/L
Thorium-230	38/47	1.60E+00		1.0E+00		Yes	pCi/L
Thorium-234	1/1	6.00E-01		2.0E+00		No	pCi/L

AREA_CODE=m MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	37/50	8.00E+01	1.5E+00		Yes		mg/L
Antimony	4/44	2.35E-01	5.6E-04		Yes		mg/L
Arsenic	12/63	5.70E-02	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	59/63	1.19E+00	1.0E-01		Yes		mg/L
Cadmium	2/67	1.90E-02	6.6E-04		Yes		mg/L
Calcium	60/61	1.28E+02					mg/L
Chloride	79/82	2.13E+02					mg/L
Chromium	7/67	1.46E-01	4.2E-03		Yes		mg/L
Cobalt	1/43	6.60E-02	9.1E-02		No		mg/L
Copper	34/67	1.32E+00	6.0E-02		Yes		mg/L
Fluoride	53/60	8.90E+00	9.1E-02		Yes		mg/L
Iron	81/89	6.80E+01	4.5E-01		Yes		mg/L
Lead	5/50	2.35E-01	1.5E-07		Yes		mg/L
Magnesium	60/61	4.37E+01					mg/L
Manganese	37/61	8.06E+00	6.7E-02		Yes		mg/L
Mercury	3/46	5.00E-04	4.4E-04		Yes		mg/L
Nickel	12/66	5.95E-01	3.0E-02		Yes		mg/L
Nitrate	1/1	2.10E+00	2.4E+00		No		mg/L
Nitrate as Nitrogen	37/77	7.80E+00	2.4E+00		Yes		mg/L
Potassium	14/55	1.36E+01					mg/L
Selenium	1/50	5.00E-03	7.5E-03		No		mg/L
Silica	48/48	4.30E+01					mg/L
Silver	1/38	4.50E-02	7.5E-03		Yes		mg/L
Sodium	85/86	1.49E+02					mg/L
Sulfate	13/13	1.90E+02					mg/L
Tetraoxo-sulfate(1-)	62/62	3.76E+02					mg/L

526844

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=m MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Thallium	1/31	8.20E-03					mg/L
Uranium	36/82	6.40E-01	4.5E-03		Yes		mg/L
Vanadium	27/33	7.60E-01	9.3E-03		Yes		mg/L
Zinc	48/66	1.88E+00	4.5E-01		Yes		mg/L
2-Butanone	3/29	7.00E-03	6.2E-02		No		mg/L
Acetone	4/29	1.50E-02	2.0E-02		No		mg/L
Benzene	1/80	5.00E-03	4.0E-04	3.5E-05	Yes	Yes	mg/L
Bromodichloromethane	1/82	9.00E-03	4.0E-03	8.4E-05	Yes	Yes	mg/L
Chloroform	3/83	2.40E-02	2.0E-03	1.5E-05	Yes	Yes	mg/L
Dibromochloromethane	1/30	2.00E-03	4.0E-03	6.2E-05	No	Yes	mg/L
Dichlorodifluoromethane	3/28	6.00E-03	1.3E-02		No		mg/L
Ethanol	3/28	2.40E-02					mg/L
Methylene chloride	10/29	1.30E-02	6.2E-02	3.6E-04	No	Yes	mg/L
Trichloroethene	13/153	5.60E-02	1.2E-03	1.4E-04	Yes	Yes	mg/L
Alpha activity	117/145	3.49E+02					pCi/L
Beta activity	136/145	1.00E+03					pCi/L
Cesium-137	3/4	9.00E-01		1.2E+00		No	pCi/L
Cobalt-60	4/4	1.40E+00		2.0E+00		No	pCi/L
Neptunium-237	2/7	2.00E-01		1.3E-01		Yes	pCi/L
Plutonium-239	1/7	2.00E-01		1.2E-01		Yes	pCi/L
Radium-226	7/10	1.60E+00		1.3E-01		Yes	pCi/L
Radon-222	35/35	6.95E+02		1.4E+00		Yes	pCi/L
Technetium-99	124/155	3.39E+02		2.8E+01		Yes	pCi/L
Thorium-230	3/7	4.00E-01		1.0E+00		No	pCi/L

AREA_CODE=n MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	30/110	9.04E+01	1.5E+00		Yes		mg/L
Antimony	1/76	1.85E-01	5.6E-04		Yes		mg/L
Arsenic	4/59	8.54E-02	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	51/59	6.70E-01	1.0E-01		Yes		mg/L
Beryllium	1/59	1.70E-02	2.6E-03	1.0E-06	Yes	Yes	mg/L
Cadmium	1/59	2.10E-02	6.6E-04		Yes		mg/L
Calcium	119/119	1.18E+02					mg/L

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=n MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Chloride	113/113	5.51E+01					mg/L
Chromium	2/49	2.32E-01	4.2E-03		Yes		mg/L
Cobalt	1/59	1.21E-01	9.1E-02		Yes		mg/L
Copper	6/59	1.63E-01	6.0E-02		Yes		mg/L
Fluoride	71/71	3.90E-01	9.1E-02		Yes		mg/L
Iron	116/119	1.79E+02	4.5E-01		Yes		mg/L
Magnesium	119/119	6.46E+01					mg/L
Manganese	118/119	3.91E+00	6.7E-02		Yes		mg/L
Mercury	1/41	4.50E-03	4.4E-04		Yes		mg/L
Molybdenum	1/50	3.15E-01	7.5E-03		Yes		mg/L
Nickel	2/59	1.09E-01	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	5/113	5.60E+00	2.4E+00		Yes		mg/L
Potassium	78/113	8.61E+01					mg/L
Silica	91/91	5.80E+01					mg/L
Sodium	119/119	7.65E+01					mg/L
Sulfate	4/5	1.17E+03					mg/L
Tetraoxo-sulfate(1-)	86/100	2.89E+01					mg/L
Thallium	3/32	1.02E+00					mg/L
Total Phosphate as Phosphorus	1/70	5.20E+00	3.0E-05		Yes		mg/L
Uranium	4/68	1.80E-02	4.5E-03		Yes		mg/L
Vanadium	21/32	8.36E-01	9.3E-03		Yes		mg/L
Zinc	33/59	5.64E-01	4.5E-01		Yes		mg/L
Trichloroethene	10/154	9.60E+00	1.2E-03	1.4E-04	Yes	Yes	mg/L
Alpha activity	124/145	1.07E+02					pCi/L
Beta activity	144/145	1.48E+03					pCi/L
Neptunium-237	12/27	5.00E-01		1.3E-01		Yes	pCi/L
Plutonium-238	1/2	5.00E-02		1.3E-01		No	pCi/L
Plutonium-239	4/24	2.00E-01		1.2E-01		Yes	pCi/L
Radium-226	19/22	1.30E+00		1.3E-01		Yes	pCi/L
Radon-222	98/98	3.91E+02		1.4E+00		Yes	pCi/L
Technetium-99	113/158	1.95E+03		2.8E+01		Yes	pCi/L
Thorium-230	16/26	2.30E+00		1.0E+00		Yes	pCi/L

526846

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=n MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	61/83	8.77E+01	1.5E+00		Yes		mg/L
Ammonia as Nitrogen	1/3	6.23E+00					mg/L
Antimony	3/68	6.40E-02	5.6E-04		Yes		mg/L
Arsenic	5/103	2.10E-02	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	67/103	2.78E-01	1.0E-01		Yes		mg/L
Beryllium	6/68	6.28E-02	2.6E-03	1.0E-06	Yes	Yes	mg/L
Cadmium	1/103	1.60E-02	6.6E-04		Yes		mg/L
Calcium	65/65	4.39E+02					mg/L
Chloride	63/63	7.74E+01					mg/L
Chromium	11/65	9.40E-02	4.2E-03		Yes		mg/L
Cobalt	11/68	1.01E+00	9.1E-02		Yes		mg/L
Copper	18/67	4.80E-02	6.0E-02		No		mg/L
Fluoride	51/59	2.90E+00	9.1E-02		Yes		mg/L
Iron	82/100	1.23E+03	4.5E-01		Yes		mg/L
Kjeldahl Nitrogen	3/4	1.38E+00					mg/L
Lead	14/100	1.78E+00	1.5E-07		Yes		mg/L
Magnesium	100/100	1.72E+02					mg/L
Manganese	82/100	6.00E+01	6.7E-02		Yes		mg/L
Mercury	2/61	3.80E-03	4.4E-04		Yes		mg/L
Nickel	25/103	7.76E-01	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	35/60	4.60E+00	2.4E+00		Yes		mg/L
Nitrate/Nitrite	2/4	2.20E-01	2.4E+00		No		mg/L
Potassium	39/97	2.46E+01					mg/L
Selenium	3/66	4.90E-03	7.5E-03		No		mg/L
Silica	77/78	5.02E+02					mg/L
Silver	1/31	2.20E-03	7.5E-03		No		mg/L
Sodium	100/100	2.05E+02					mg/L
Strontium	30/38	2.33E+00	9.0E-01		Yes		mg/L
Sulfate	3/3	1.98E+03					mg/L
Sulfide	2/4	2.40E+00					mg/L
Tetraoxo-sulfate(1-)	48/48	4.87E+03					mg/L
Thallium	1/45	7.50E-02					mg/L
Tin	1/4	1.05E-02	8.9E-01		No		mg/L

526847

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=n MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Total Phosphate as Phosphorus	1/3	3.40E-01	3.0E-05		Yes		mg/L
Uranium	48/103	1.40E-02	4.5E-03		Yes		mg/L
Vanadium	33/45	4.98E+00	9.3E-03		Yes		mg/L
Zinc	36/68	1.99E+00	4.5E-01		Yes		mg/L
1,1,1-Trichloroethane	3/72	4.40E-02	5.4E-02		No		mg/L
1,1-Dichloroethane	11/72	1.40E-01	2.7E-02		Yes		mg/L
1,1-Dichloroethene	11/72	4.60E-01	1.8E-03	9.3E-07	Yes	Yes	mg/L
1,2-Dichloroethene	2/10	3.30E-01	1.8E-03		Yes		mg/L
Acetone	1/10	1.00E-01	2.0E-02		Yes		mg/L
Di-n-butyl phthalate	1/10	1.40E-02	1.3E-01		No		mg/L
Methylene chloride	9/10	1.10E-02	6.2E-02	3.6E-04	No	Yes	mg/L
Naphthalene	1/10	7.00E-02	2.0E-04		Yes		mg/L
Phenanthrene	1/10	2.00E-03					mg/L
Trichloroethene	22/111	6.00E-01	1.2E-03	1.4E-04	Yes	Yes	mg/L
Vinyl chloride	1/72	1.50E-02		1.7E-06		Yes	mg/L
cis-1,2-Dichloroethene	32/63	4.20E+00	2.0E-03		Yes		mg/L
Alpha activity	93/121	5.99E+01					pCi/L
Beta activity	106/121	1.60E+02					pCi/L
Neptunium-237	13/36	8.00E-01		1.3E-01		Yes	pCi/L
Plutonium-238	1/1	1.00E-01		1.3E-01		No	pCi/L
Plutonium-239	7/35	1.00E-01		1.2E-01		No	pCi/L
Plutonium-242	1/1	1.83E-02		1.3E-01		No	pCi/L
Radium-226	24/30	9.00E-01		1.3E-01		Yes	pCi/L
Radon-222	58/58	5.29E+03		1.4E+00		Yes	pCi/L
Technetium-99	87/121	1.88E+02		2.8E+01		Yes	pCi/L
Thorium-228	1/1	7.80E-01		1.7E-01		Yes	pCi/L
Thorium-230	30/36	1.60E+00		1.0E+00		Yes	pCi/L
Thorium-232	1/1	6.40E-01		1.2E+00		No	pCi/L
Uranium-234	11/14	8.44E+00		8.7E-01		Yes	pCi/L
Uranium-235	5/11	6.10E-01		8.2E-01		No	pCi/L
Uranium-238	12/14	8.72E+00		6.2E-01		Yes	pCi/L

052840

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=n MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	440/989	1.43E+02	1.5E+00		Yes		mg/L
Antimony	6/1E3	2.73E-01	5.6E-04		Yes		mg/L
Arsenic	57/1E3	1.40E-01	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	1E3/1E3	2.70E+00	1.0E-01		Yes		mg/L
Beryllium	43/974	1.40E-02	2.6E-03	1.0E-06	Yes	Yes	mg/L
Bicarbonate	3/3	2.37E+02					mg/L
Boron	34/48	1.54E+00	1.4E-01		Yes		mg/L
Cadmium	19/1E3	3.42E-01	6.6E-04		Yes		mg/L
Calcium	1E3/1E3	1.34E+02					mg/L
Cerium	24/48	8.00E-02					mg/L
Chloride	1E3/1E3	5.86E+02					mg/L
Chromium	345/1E3	2.51E+01	4.2E-03		Yes		mg/L
Cobalt	49/969	9.00E-02	9.1E-02		No		mg/L
Copper	114/1E3	1.87E+00	6.0E-02		Yes		mg/L
Fluoride	718/841	7.20E+00	9.1E-02		Yes		mg/L
Gallium	24/48	9.00E-02					mg/L
Iron	1E3/2E3	7.20E+02	4.5E-01		Yes		mg/L
Lead	34/1E3	4.32E-01	1.5E-07		Yes		mg/L
Lithium	24/48	8.00E-02	3.0E-02		Yes		mg/L
Magnesium	1E3/1E3	4.72E+01					mg/L
Manganese	719/1E3	1.49E+01	6.7E-02		Yes		mg/L
Mercury	3/1E3	3.00E-04	4.4E-04		No		mg/L
Molybdenum	32/509	2.86E-01	7.5E-03		Yes		mg/L
Nickel	324/1E3	1.89E+00	3.0E-02		Yes		mg/L
Nitrate as Nitrogen	1E3/1E3	3.93E+01	2.4E+00		Yes		mg/L
Nitrate/Nitrite	6/6	9.40E+00	2.4E+00		Yes		mg/L
Potassium	263/1E3	4.41E+01					mg/L
Selenium	8/1E3	4.76E-01	7.5E-03		Yes		mg/L
Silica	568/569	5.20E+01					mg/L
Silver	18/693	3.90E-01	7.5E-03		Yes		mg/L
Sodium	1E3/1E3	2.66E+02					mg/L
Strontium	57/57	3.33E-01	9.0E-01		No		mg/L
Sulfate	150/167	7.42E+02					mg/L

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Tetraoxo-sulfate(1-)	938/969	3.98E+02					mg/L
Thallium	6/700	2.38E-01					mg/L
Thorium	24/48	5.00E-02					mg/L
Tin	4/41	8.00E-01	8.9E-01		No		mg/L
Titanium	27/48	2.20E-01					mg/L
Total Phosphate as Phosphorus	15/557	3.49E+01	3.0E-05		Yes		mg/L
Uranium	53/1E3	1.90E-01	4.5E-03		Yes		mg/L
Vanadium	371/717	9.50E-01	9.3E-03		Yes		mg/L
Zinc	351/1E3	5.30E+00	4.5E-01		Yes		mg/L
Zirconium	24/48	2.00E-02					mg/L
1,1,1-Trichloroethane	1/2E3	4.00E-03	5.4E-02		No		mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	2/55	5.70E-03	1.9E+00		No		mg/L
1,1,2-Trichloroethane	1/2E3	2.00E-03	8.1E-04	1.8E-05	Yes	Yes	mg/L
1,1-Dichloroethane	1/2E3	4.10E-03	2.7E-02		No		mg/L
1,1-Dichloroethene	7/2E3	6.50E-02	1.8E-03	9.3E-07	Yes	Yes	mg/L
1,2-Dichlorobenzene	1/359	5.70E-05	1.2E-02		No		mg/L
1,2-Dichloroethane	1/2E3	1.10E-03	6.7E-04	1.1E-05	Yes	Yes	mg/L
1,2-Dichloroethene	5/50	1.40E-02	1.8E-03		Yes		mg/L
1,3,5-Trimethylbenzene	1/1	2.00E-04	3.9E-04		No		mg/L
1,4-Dichlorobenzene	1/359	6.20E-05	5.3E-02	2.0E-04	No	No	mg/L
2-Butanone	45/404	1.70E-01	6.2E-02		Yes		mg/L
4-Bromofluorobenzene	2/2	9.40E-02					mg/L
4-Methyl-2-pentanone	3/433	1.70E-02	5.1E-03		Yes		mg/L
Acetone	58/406	9.90E-02	2.0E-02		Yes		mg/L
Acrylonitrile	1/384	1.00E-02	1.2E-04	3.4E-06	Yes	Yes	mg/L
Benzene	2/2E3	1.00E-03	4.0E-04	3.5E-05	Yes	Yes	mg/L
Bis(2-ethylhexyl)phthalate	7/35	2.80E-02	2.6E-02	3.1E-04	Yes	Yes	mg/L
Bromomethane	3/436	1.00E-03	2.9E-04		Yes		mg/L
Butyl benzyl phthalate	1/35	1.00E-03	2.6E-01		No		mg/L
Carbazole	1/15	1.20E-02		2.2E-04		Yes	mg/L
Carbon tetrachloride	6/2E3	1.60E-01	1.2E-04	1.5E-05	Yes	Yes	mg/L
Chlorobenzene	3/435	2.00E-03	1.3E-03		Yes		mg/L

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Chloroethane	1/448	1.00E-03	3.1E-01		No		mg/L
Chloroform	16/2E3	1.40E-02	2.0E-03	1.5E-05	Yes	Yes	mg/L
Chloromethane	14/434	2.00E-03		1.3E-04		Yes	mg/L
Chrysene	1/35	6.00E-04		1.3E-04		Yes	mg/L
Di-n-butyl phthalate	4/35	2.10E-02	1.3E-01		No		mg/L
Dichlorodifluoromethane	1/410	7.40E-05	1.3E-02		No		mg/L
Diethyl phthalate	1/35	1.10E-02	1.2E+00		No		mg/L
Dimethylbenzene	4/2E3	2.20E+00	4.0E-01		Yes		mg/L
Ethane	8/24	1.97E-01					mg/L
Ethanol	7/340	3.50E-01					mg/L
Ethylbenzene	2/2E3	8.70E-01	4.5E-02		Yes		mg/L
Ethylene	8/24	4.17E+00					mg/L
Methylene chloride	47/435	1.30E-01	6.2E-02	3.6E-04	Yes	Yes	mg/L
PCB-1254	1/26	9.00E-04	1.9E-05	8.0E-06	Yes	Yes	mg/L
Polychlorinated biphenyl	1/135	1.00E-04		8.0E-06		Yes	mg/L
Tetrachloroethene	11/2E3	3.20E-01	7.9E-03	5.7E-05	Yes	Yes	mg/L
Toluene	18/2E3	1.10E-02	2.4E-02		No		mg/L
Trichloroethene	2E3/3E3	4.60E+02	1.2E-03	1.4E-04	Yes	Yes	mg/L
Trichlorofluoromethane	7/412	2.00E-03	4.2E-02		No		mg/L
Vinyl chloride	3/2E3	6.30E+00		1.7E-06		Yes	mg/L
cis-1,2-Dichloroethene	45/2E3	4.20E+00	2.0E-03		Yes		mg/L
m,p-Xylene	3/14	1.50E-04	4.0E-01		No		mg/L
trans-1,2-Dichloroethene	8/2E3	1.20E+00	4.0E-03		Yes		mg/L
trans-1,3-Dichloropropene	1/436	1.70E-04					mg/L
Alpha activity	2E3/3E3	1.88E+02					pCi/L
Americium-241	16/29	3.50E+00		1.2E-01		Yes	pCi/L
Beta activity	2E3/3E3	9.83E+03					pCi/L
Cesium-137	14/44	2.07E+01		1.2E+00		Yes	pCi/L
Cobalt-60	14/19	2.30E+00		2.0E+00		Yes	pCi/L
Neptunium-237	64/106	1.44E+01		1.3E-01		Yes	pCi/L
Plutonium-238	9/13	7.00E-02		1.3E-01		No	pCi/L
Plutonium-239	21/86	2.00E-01		1.2E-01		Yes	pCi/L

527691

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Plutonium-239/240	5/7	3.06E-02		1.2E-01		No	pCi/L
Radium-226	60/72	7.39E+02		1.3E-01		Yes	pCi/L
Radon-222	809/810	9.48E+03		1.4E+00		Yes	pCi/L
Technetium-99	3E3/4E3	1.67E+04		2.8E+01		Yes	pCi/L
Thorium-230	79/99	4.70E+00		1.0E+00		Yes	pCi/L
Thorium-234	1/1	6.00E-01		2.0E+00		No	pCi/L
Uranium-234	24/33	2.00E+02		8.7E-01		Yes	pCi/L
Uranium-235	10/22	9.96E+00		8.2E-01		Yes	pCi/L
Uranium-235/236	8/10	3.50E-01		8.2E-01		No	pCi/L
Uranium-238	21/30	2.11E+02		6.2E-01		Yes	pCi/L

AREA_CODE=n MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Aluminum	166/201	8.00E+01	1.5E+00		Yes		mg/L
Ammonia as Nitrogen	2/4	1.60E-01					mg/L
Antimony	7/177	2.35E-01	5.6E-04		Yes		mg/L
Arsenic	81/326	4.53E-01	4.5E-04	3.5E-06	Yes	Yes	mg/L
Barium	185/197	1.19E+00	1.0E-01		Yes		mg/L
Beryllium	5/170	1.70E-03	2.6E-03	1.0E-06	No	Yes	mg/L
Cadmium	8/336	1.90E-02	6.6E-04		Yes		mg/L
Calcium	224/225	3.78E+02					mg/L
Chloride	240/244	6.29E+02					mg/L
Chromium	53/329	1.36E+00	4.2E-03		Yes		mg/L
Cobalt	10/168	6.76E-02	9.1E-02		No		mg/L
Copper	50/194	1.32E+00	6.0E-02		Yes		mg/L
Cyanide	2/9	1.00E-02	2.8E-02		No		mg/L
Fluoride	138/194	8.90E+00	9.1E-02		Yes		mg/L
Iron	239/259	3.44E+02	4.5E-01		Yes		mg/L
Kjeldahl Nitrogen	3/4	8.95E+00					mg/L
Lead	15/243	1.38E+00	1.5E-07		Yes		mg/L
Magnesium	233/234	9.40E+01					mg/L
Manganese	180/229	2.70E+01	6.7E-02		Yes		mg/L
Mercury	5/226	5.00E-04	4.4E-04		Yes		mg/L
Molybdenum	1/133	1.00E-02	7.5E-03		Yes		mg/L

526852

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=n MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Nickel	60/203	2.30E+00	3.0E-02		Yes		mg/L
Nitrate	1/1	2.10E+00	2.4E+00		No		mg/L
Nitrate as Nitrogen	77/227	2.69E+01	2.4E+00		Yes		mg/L
Nitrate/Nitrite	7/9	9.38E+00	2.4E+00		Yes		mg/L
Orthophosphate	3/3	1.60E-01					mg/L
Potassium	46/220	2.98E+01					mg/L
Selenium	10/233	1.60E-02	7.5E-03		Yes		mg/L
Silica	135/135	7.90E+01					mg/L
Silver	4/65	4.50E-02	7.5E-03		Yes		mg/L
Sodium	258/259	2.81E+02					mg/L
Strontium	9/10	1.64E+00	9.0E-01		Yes		mg/L
Sulfate	30/31	2.19E+02					mg/L
Sulfide	3/4	6.40E+01					mg/L
Tetraoxo-sulfate(1-)	200/205	6.95E+02					mg/L
Thallium	3/139	9.10E-02					mg/L
Tin	1/6	2.60E-02	8.9E-01		No		mg/L
Uranium	77/308	6.40E-01	4.5E-03		Yes		mg/L
Vanadium	121/143	7.60E-01	9.3E-03		Yes		mg/L
Zinc	114/194	1.88E+00	4.5E-01		Yes		mg/L
1,1,1-Trichloroethane	2/186	1.60E-02	5.4E-02		No		mg/L
1,1-Dichloroethane	3/188	1.20E-02	2.7E-02		No		mg/L
1,1-Dichloroethene	10/205	2.00E-01	1.8E-03	9.3E-07	Yes	Yes	mg/L
1,2-Dichloroethane	1/233	2.00E-03	6.7E-04	1.1E-05	Yes	Yes	mg/L
1,2-Dichloroethene	2/15	1.40E-02	1.8E-03		Yes		mg/L
2,4-Dichlorophenol	1/10	4.00E-04	4.1E-03		No		mg/L
2,4-Dimethylphenol	1/10	4.40E-03	3.9E-03		Yes		mg/L
2-Butanone	3/42	7.00E-03	6.2E-02		No		mg/L
4-Methyl-2-pentanone	1/42	1.90E-03	5.1E-03		No		mg/L
4-Methylphenol	1/10	2.10E-04	7.3E-03		No		mg/L
Acetone	5/43	1.50E-02	2.0E-02		No		mg/L
Benzene	4/269	7.80E-03	4.0E-04	3.5E-05	Yes	Yes	mg/L
Bis(2-ethylhexyl)phthalate	1/10	1.00E-03	2.6E-02	3.1E-04	No	Yes	mg/L
Bromodichloromethane	1/233	9.00E-03	4.0E-03	8.4E-05	Yes	Yes	mg/L
Chloroethane	1/46	8.20E-01	3.1E-01		Yes		mg/L
Chloroform	10/236	2.40E-02	2.0E-03	1.5E-05	Yes	Yes	mg/L
Di-n-butyl phthalate	3/10	9.80E-04	1.3E-01		No		mg/L
Dibromochloromethane	1/43	2.00E-03	4.0E-03	6.2E-05	No	Yes	mg/L
Dichlorodifluoromethane	3/29	6.00E-03	1.3E-02		No		mg/L
Diethyl phthalate	1/10	8.50E-04	1.2E+00		No		mg/L

526858

Table 2.7 Comparison of maximum detected concentrations and activities to human health risk-based screening criteria (continued)

AREA_CODE=n MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	HI	ELCR	Exceed HI?	Exceed ELCR?	Units
Dimethylbenzene	13/269	2.80E+00	4.0E-01		Yes		mg/L
Ethane	3/5	3.03E-01					mg/L
Ethanol	3/28	2.40E-02					mg/L
Ethylbenzene	15/270	1.50E+00	4.5E-02		Yes		mg/L
Ethylene	3/5	3.96E+00					mg/L
Fluorene	1/17	7.00E-03	7.4E-03		No		mg/L
Isophorone	1/10	6.60E-03	3.0E-01	5.5E-03	No	Yes	mg/L
Methylene chloride	16/42	1.80E-02	6.2E-02	3.6E-04	No	Yes	mg/L
Naphthalene	1/17	4.70E-02	2.0E-04		Yes		mg/L
Phenanthrene	1/17	5.00E-03					mg/L
Toluene	1/268	1.80E-02	2.4E-02		No		mg/L
Trichloroethene	327/623	3.10E+03	1.2E-03	1.4E-04	Yes	Yes	mg/L
Vinyl chloride	34/249	5.00E+00		1.7E-06		Yes	mg/L
cis-1,2-Dichloroethene	58/218	4.90E+00	2.0E-03		Yes		mg/L
trans-1,2-Dichloroethene	3/237	5.00E-01	4.0E-03		Yes		mg/L
Alpha activity	405/489	3.49E+02					pCi/L
Americium-241	2/9	3.40E-01		1.2E-01		Yes	pCi/L
Beta activity	450/489	1.26E+03					pCi/L
Cesium-137	3/13	9.00E-01		1.2E+00		No	pCi/L
Cobalt-60	6/7	1.40E+00		2.0E+00		No	pCi/L
Neptunium-237	12/23	2.37E+00		1.3E-01		Yes	pCi/L
Plutonium-238	3/4	1.10E-01		1.3E-01		No	pCi/L
Plutonium-239	6/20	7.60E-01		1.2E-01		Yes	pCi/L
Plutonium-239/240	1/1	2.07E-02		1.2E-01		No	pCi/L
Radium-226	9/15	1.60E+00		1.3E-01		Yes	pCi/L
Radon-222	79/79	2.05E+03		1.4E+00		Yes	pCi/L
Technetium-99	583/651	1.01E+03		2.8E+01		Yes	pCi/L
Thorium-228	2/2	6.40E-01		1.7E-01		Yes	pCi/L
Thorium-230	16/22	8.00E-01		1.0E+00		No	pCi/L
Thorium-232	2/2	4.90E-01		1.2E+00		No	pCi/L
Uranium-234	14/16	1.84E+01		8.7E-01		Yes	pCi/L
Uranium-235	6/9	1.22E+00		8.2E-01		Yes	pCi/L
Uranium-235/236	4/5	8.00E-02		8.2E-01		No	pCi/L
Uranium-238	13/14	4.19E+01		6.2E-01		Yes	pCi/L

Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations

AREA_CODE=a MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	28/42	1.38E+02	2.19E+00	Yes	mg/L
Arsenic	2/46	4.60E-02	5.00E-03	Yes	mg/L
Barium	46/46	8.50E-01	2.35E-01	Yes	mg/L
Beryllium	2/46	1.11E-03	4.00E-03	No	mg/L
Cadmium	1/46	5.56E-04	1.00E-02	No	mg/L
Calcium	46/46	4.74E+01	4.12E+01	Yes	mg/L
Chloride	42/42	8.76E+01	9.10E+01	No	mg/L
Chromium	9/46	1.30E+00	1.44E-01	Yes	mg/L
Cobalt	1/46	2.56E-02	4.50E-02	No	mg/L
Fluoride	28/42	7.20E+00	2.70E-01	Yes	mg/L
Iron	37/45	7.20E+02	5.03E+00	Yes	mg/L
Magnesium	46/46	2.41E+01	1.63E+01	Yes	mg/L
Manganese	37/46	7.75E+00	1.19E-01	Yes	mg/L
Nickel	5/46	1.12E-01	6.82E-01	No	mg/L
Nitrate as Nitrogen	35/42	1.28E+01	1.56E+01	No	mg/L
Potassium	22/45	4.13E+00	5.20E+00	No	mg/L
Selenium	1/9	1.84E-03			mg/L
Silica	7/7	2.30E+01	2.64E+01	No	mg/L
Sodium	46/46	8.00E+01	5.95E+01	Yes	mg/L
Tetraoxo-sulfate(1-)	42/42	7.42E+01			mg/L
Thallium	1/42	2.38E-01	5.60E-02	Yes	mg/L
Uranium	3/28	4.00E-03			mg/L
Vanadium	36/42	9.50E-01	1.34E-01	Yes	mg/L
Zinc	18/46	1.00E+00	5.40E-02	Yes	mg/L
1,1-Dichloroethene	1/17	2.40E-02			mg/L
Carbon tetrachloride	2/50	1.60E-01			mg/L
Chloroform	1/50	2.00E-03			mg/L
Tetrachloroethene	4/74	2.30E-01			mg/L
Trichloroethene	94/94	4.60E+02			mg/L
cis-1,2-Dichloroethene	4/46	2.20E-01			mg/L
trans-1,2-Dichloroethene	2/46	1.20E+00			mg/L
Alpha activity	60/79	6.59E+01			pCi/L
Americium-241	3/4	7.00E-02			pCi/L
Beta activity	69/79	9.83E+03			pCi/L
Cesium-137	3/5	1.29E+01			pCi/L
Neptunium-237	6/8	1.44E+01	8.00E-01	Yes	pCi/L
Plutonium-239	2/8	9.00E-02			pCi/L
Radon-222	4/4	6.04E+02	6.26E+02	No	pCi/L
Technetium-99	85/88	1.67E+04	2.23E+01	Yes	pCi/L
Thorium-230	7/8	1.10E+00	1.10E+00	Yes	pCi/L
Uranium-234	3/4	1.50E-01			pCi/L
Uranium-235	2/4	2.00E-02	3.00E-01	No	pCi/L
Uranium-238	3/4	5.00E-02	7.00E-01	No	pCi/L

AREA_CODE=a MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	14/14	1.28E+01			mg/L
Antimony	1/15	2.79E-02			mg/L
Arsenic	1/15	8.00E-03			mg/L
Barium	15/15	1.98E-01			mg/L
Beryllium	1/15	5.56E-04			mg/L
Calcium	15/15	5.75E+01			mg/L
Chloride	14/14	1.56E+02			mg/L
Chromium	1/16	1.42E-02			mg/L
Cobalt	1/15	2.00E-03			mg/L

Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=a MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Copper	1/15	1.00E-02			mg/L
Fluoride	4/13	1.70E-01			mg/L
Iron	15/15	5.43E+00			mg/L
Lead	2/4	6.90E-02			mg/L
Magnesium	15/15	1.93E+01			mg/L
Manganese	14/15	1.13E-01			mg/L
Nickel	2/15	4.15E-01			mg/L
Nitrate as Nitrogen	6/14	1.90E+00			mg/L
Potassium	2/14	2.95E+00			mg/L
Silica	3/3	3.80E+01			mg/L
Sodium	15/15	1.26E+02			mg/L
Tetraoxo-sulfate(1-)	14/14	1.36E+02			mg/L
Uranium	2/6	3.10E-02			mg/L
Vanadium	10/14	1.57E-01			mg/L
Zinc	6/15	5.50E-02			mg/L
1,1-Dichloroethene	1/16	1.60E-03			mg/L
Bis(2-ethylhexyl)phthalate	1/1	1.00E-03			mg/L
Chloroform	1/16	1.30E-02			mg/L
Trichloroethene	34/36	7.80E+02			mg/L
cis-1,2-Dichloroethene	1/25	1.30E-01			mg/L
trans-1,2-Dichloroethene	2/25	5.00E-01			mg/L
Alpha activity	28/31	4.22E+01			pCi/L
Beta activity	31/31	6.72E+02			pCi/L
Neptunium-237	2/2	9.00E-01			pCi/L
Plutonium-239	1/2	1.00E-01			pCi/L
Radon-222	1/1	4.61E+02			pCi/L
Technetium-99	20/22	1.20E+02			pCi/L
Thorium-230	2/2	7.00E-01			pCi/L

AREA_CODE=b MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	2/35	1.50E+00	6.87E-01	Yes	mg/L
Antimony	1/13	1.85E-01	6.00E-02	Yes	mg/L
Barium	4/5	1.70E-01	2.96E-01	No	mg/L
Calcium	35/35	2.76E+01	3.89E+01	No	mg/L
Chloride	32/32	5.51E+01	1.97E+01	Yes	mg/L
Fluoride	14/14	1.70E-01	3.30E-01	No	mg/L
Iron	34/35	1.66E+01	1.84E+01	No	mg/L
Magnesium	35/35	1.23E+01	1.34E+01	No	mg/L
Manganese	34/35	9.11E-01	9.41E-01	No	mg/L
Nitrate as Nitrogen	1/32	5.60E+00	1.47E+00	Yes	mg/L
Potassium	16/32	5.58E+00	5.58E+01	No	mg/L
Silica	26/26	2.70E+01	2.60E+01	Yes	mg/L
Sodium	35/35	3.81E+01	2.92E+01	Yes	mg/L
Tetraoxo-sulfate(1-)	17/31	1.72E+01			mg/L
Vanadium	1/1	4.00E-02	1.26E-01	No	mg/L
Zinc	2/5	8.00E-02	1.42E-01	No	mg/L
Trichloroethene	4/43	9.60E+00			mg/L
Alpha activity	28/35	7.30E+00			pCi/L
Beta activity	34/35	1.48E+03			pCi/L
Neptunium-237	2/3	4.00E-01	5.00E-01	No	pCi/L
Plutonium-238	1/2	5.00E-02			pCi/L
Radium-226	2/3	8.60E-01	1.20E+00	No	pCi/L
Radon-222	31/31	2.91E+02	2.95E+02	No	pCi/L

Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=b MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Technetium-99	28/43	1.95E+03	2.06E+01	Yes	pCi/L
Thorium-230	1/2	1.00E-02			pCi/L

AREA_CODE=b MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	106/298	1.43E+02	2.19E+00	Yes	mg/L
Arsenic	28/399	1.40E-01	5.00E-03	Yes	mg/L
Barium	99/105	2.20E+00	2.35E-01	Yes	mg/L
Beryllium	9/111	1.40E-02	4.00E-03	Yes	mg/L
Cadmium	3/411	2.13E-01	1.00E-02	Yes	mg/L
Calcium	340/340	4.87E+01	4.12E+01	Yes	mg/L
Chloride	318/318	5.86E+02	9.10E+01	Yes	mg/L
Chromium	50/411	8.89E-01	1.44E-01	Yes	mg/L
Cobalt	3/105	9.00E-02	4.50E-02	Yes	mg/L
Copper	15/114	8.10E-02	3.60E-02	Yes	mg/L
Fluoride	115/185	7.10E-01	2.70E-01	Yes	mg/L
Iron	244/343	4.18E+02	5.03E+00	Yes	mg/L
Lead	8/370	4.32E-01	1.29E-01	Yes	mg/L
Magnesium	343/343	2.88E+01	1.63E+01	Yes	mg/L
Manganese	218/334	8.20E+00	1.19E-01	Yes	mg/L
Mercury	1/359	3.00E-04	2.00E-04	Yes	mg/L
Molybdenum	3/81	2.50E-02	5.00E-02	No	mg/L
Nickel	57/117	5.70E-01	6.82E-01	No	mg/L
Nitrate as Nitrogen	201/304	3.93E+01	1.56E+01	Yes	mg/L
Nitrate/Nitrite	6/6	9.40E+00	1.56E+01	No	mg/L
Potassium	25/309	2.44E+01	5.20E+00	Yes	mg/L
Selenium	1/369	4.76E-01	5.00E-03	Yes	mg/L
Silica	188/188	4.50E+01	2.64E+01	Yes	mg/L
Silver	1/55	5.70E-03			mg/L
Sodium	342/342	1.62E+02	5.95E+01	Yes	mg/L
Sulfate	27/27	4.20E+01	1.99E+01	Yes	mg/L
Tetraoxo-sulfate(1-)	291/292	2.24E+02			mg/L
Tin	3/13	8.00E-01			mg/L
Total Phosphate as Phosphorus	12/260	3.49E+01			mg/L
Uranium	17/416	1.90E-01	2.00E-03	Yes	mg/L
Vanadium	48/63	2.10E-01	1.34E-01	Yes	mg/L
Zinc	44/116	2.29E-01	5.40E-02	Yes	mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	2/4	5.70E-03			mg/L
1,1,2-Trichloroethane	1/446	2.00E-03			mg/L
1,1-Dichloroethane	1/420	4.10E-03			mg/L
1,1-Dichloroethene	1/419	1.30E-03			mg/L
1,2-Dichloroethane	1/449	1.10E-03			mg/L
4-Methyl-2-pentanone	1/9	2.50E-03			mg/L
Acetone	4/11	2.30E-02			mg/L
Carbon tetrachloride	2/450	1.60E-02			mg/L
Chlorobenzene	1/9	2.00E-03			mg/L
Chloroform	3/448	1.40E-02			mg/L
Di-n-butyl phthalate	1/1	8.00E-03			mg/L
Ethane	8/11	1.97E-01			mg/L
Ethylene	8/11	4.17E+00			mg/L
Methylene chloride	1/9	5.00E-03			mg/L
Tetrachloroethene	2/449	3.20E-01			mg/L
Toluene	3/424	1.10E-02			mg/L
Trichloroethene	495/791	3.00E+01			mg/L

Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=b MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Vinyl chloride	2/462	6.30E+00			mg/L
cis-1,2-Dichloroethene	11/457	4.20E+00			mg/L
trans-1,2-Dichloroethene	2/458	3.80E-03			mg/L
Alpha activity	329/529	5.59E+01			pCi/L
Americium-241	9/15	3.50E+00			pCi/L
Beta activity	463/529	5.29E+03			pCi/L
Cesium-137	3/26	8.00E-01			pCi/L
Cobalt-60	7/9	2.30E+00			pCi/L
Neptunium-237	19/35	5.00E-01	8.00E-01	No	pCi/L
Plutonium-238	9/13	7.00E-02			pCi/L
Plutonium-239	9/15	1.30E-01	1.00E-01	Yes	pCi/L
Plutonium-239/240	5/7	3.06E-02			pCi/L
Radium-226	27/31	7.39E+02	6.00E-01	Yes	pCi/L
Radon-222	247/247	2.23E+03	6.26E+02	Yes	pCi/L
Technetium-99	933/1E3	5.80E+03	2.23E+01	Yes	pCi/L
Thorium-230	22/29	4.70E+00	1.10E+00	Yes	pCi/L
Uranium-234	15/21	2.00E+02	7.00E-01	Yes	pCi/L
Uranium-235	4/12	9.96E+00	3.00E-01	Yes	pCi/L
Uranium-235/236	8/10	3.50E-01	3.00E-01	Yes	pCi/L
Uranium-238	14/18	2.11E+02	7.00E-01	Yes	pCi/L

AREA_CODE=b MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	68/88	5.41E+01			mg/L
Arsenic	61/196	4.53E-01			mg/L
Barium	64/65	5.85E-01			mg/L
Beryllium	3/67	4.00E-04			mg/L
Cadmium	5/200	1.80E-02			mg/L
Calcium	105/105	1.05E+02			mg/L
Chloride	104/105	6.29E+02			mg/L
Chromium	36/200	1.36E+00			mg/L
Cobalt	1/65	7.50E-03			mg/L
Copper	3/68	2.20E-02			mg/L
Fluoride	58/78	2.40E+00			mg/L
Iron	90/102	3.44E+02			mg/L
Lead	1/150	1.80E-03			mg/L
Magnesium	105/105	5.30E+01			mg/L
Manganese	76/100	8.73E-01			mg/L
Mercury	1/148	3.00E-04			mg/L
Molybdenum	1/58	1.00E-02			mg/L
Nickel	38/68	2.30E+00			mg/L
Nitrate as Nitrogen	20/97	5.70E+00			mg/L
Nitrate/Nitrite	5/5	2.10E+00			mg/L
Potassium	7/99	9.34E+00			mg/L
Selenium	4/150	1.60E-02			mg/L
Silica	41/41	7.90E+01			mg/L
Silver	1/14	5.00E-03			mg/L
Sodium	105/105	2.81E+02			mg/L
Sulfate	14/14	2.19E+02			mg/L
Tetraoxo-sulfate(1-)	90/91	4.90E+02			mg/L
Thallium	2/53	9.10E-02			mg/L
Tin	1/4	2.60E-02			mg/L
Uranium	18/165	1.10E-01			mg/L
Vanadium	50/56	5.04E-01			mg/L

Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=b MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Zinc	36/68	8.00E-02			mg/L
1,1-Dichloroethane	2/75	1.20E-02			mg/L
1,1-Dichloroethene	2/74	2.90E-03			mg/L
1,2-Dichloroethene	1/3	1.40E-02			mg/L
2,4-Dichlorophenol	1/3	4.00E-04			mg/L
2,4-Dimethylphenol	1/3	4.40E-03			mg/L
4-Methyl-2-pentanone	1/6	1.90E-03			mg/L
4-Methylphenol	1/3	2.10E-04			mg/L
Acetone	1/7	5.20E-03			mg/L
Benzene	1/71	7.80E-03			mg/L
Chloroethane	1/9	8.20E-01			mg/L
Di-n-butyl phthalate	3/3	9.80E-04			mg/L
Diethyl phthalate	1/3	8.50E-04			mg/L
Dimethylbenzene	1/72	7.20E-03			mg/L
Ethane	3/4	3.03E-01			mg/L
Ethylbenzene	1/72	8.70E-04			mg/L
Ethylene	3/4	3.96E+00			mg/L
Isophorone	1/3	6.60E-03			mg/L
Toluene	1/72	1.80E-02			mg/L
Trichloroethene	218/291	3.10E+03			mg/L
Vinyl chloride	34/113	5.00E+00			mg/L
cis-1,2-Dichloroethene	55/109	4.90E+00			mg/L
trans-1,2-Dichloroethene	1/109	5.10E-03			mg/L
Alpha activity	133/175	3.00E+01			pCi/L
Americium-241	2/5	3.40E-01			pCi/L
Beta activity	148/175	1.26E+03			pCi/L
Cobalt-60	2/3	1.20E+00			pCi/L
Neptunium-237	7/12	4.00E-01			pCi/L
Plutonium-238	1/2	8.00E-02			pCi/L
Plutonium-239	4/9	7.60E-01			pCi/L
Plutonium-239/240	1/1	2.07E-02			pCi/L
Radium-226	2/5	6.00E-01			pCi/L
Radon-222	38/38	2.05E+03			pCi/L
Technetium-99	313/333	8.78E+02			pCi/L
Thorium-230	9/11	8.00E-01			pCi/L
Uranium-234	9/11	1.44E+01			pCi/L
Uranium-235	5/8	9.10E-01			pCi/L
Uranium-235/236	4/5	8.00E-02			pCi/L
Uranium-238	9/9	3.48E+01			pCi/L

AREA_CODE=c MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	9/16	2.16E+01	2.19E+00	Yes	mg/L
Barium	32/33	3.60E-01	2.35E-01	Yes	mg/L
Calcium	33/33	3.99E+01	4.12E+01	No	mg/L
Chloride	33/33	1.20E+02	9.10E+01	Yes	mg/L
Chromium	11/33	8.62E+00	1.44E-01	Yes	mg/L
Copper	5/33	1.31E-01	3.60E-02	Yes	mg/L
Fluoride	28/32	2.40E-01	2.70E-01	No	mg/L
Iron	25/33	6.64E+01	5.03E+00	Yes	mg/L
Magnesium	33/33	1.43E+01	1.63E+01	No	mg/L
Manganese	27/33	1.09E+00	1.19E-01	Yes	mg/L
Molybdenum	2/16	1.00E-01	5.00E-02	Yes	mg/L
Nickel	10/33	6.73E-01	6.82E-01	No	mg/L

Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=c MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Nitrate as Nitrogen	20/33	3.00E+00	1.56E+01	No	mg/L
Potassium	5/30	8.33E+00	5.20E+00	Yes	mg/L
Silica	16/16	3.60E+01	2.64E+01	Yes	mg/L
Sodium	33/33	8.74E+01	5.95E+01	Yes	mg/L
Sulfate	4/4	3.35E+01	1.99E+01	Yes	mg/L
Tetraoxo-sulfate(1-)	29/29	1.43E+02			mg/L
Uranium	2/58	1.00E-03			mg/L
Vanadium	8/10	1.31E-01	1.34E-01	No	mg/L
Zinc	11/33	1.30E-01	5.40E-02	Yes	mg/L
1,1-Dichloroethene	2/72	6.50E-02			mg/L
Chloroform	2/72	5.00E-03			mg/L
Trichloroethene	78/112	1.50E+00			mg/L
cis-1,2-Dichloroethene	2/72	9.80E-03			mg/L
Alpha activity	91/111	1.92E+01			pCi/L
Beta activity	110/111	2.02E+03			pCi/L
Radon-222	16/16	6.59E+03	6.26E+02	Yes	pCi/L
Technetium-99	108/113	3.15E+03	2.23E+01	Yes	pCi/L

AREA_CODE=c MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	6/6	5.92E+00			mg/L
Barium	6/6	1.61E-01			mg/L
Calcium	6/6	3.45E+01			mg/L
Chloride	5/5	6.10E+01			mg/L
Iron	6/6	6.44E+00			mg/L
Magnesium	6/6	1.32E+01			mg/L
Manganese	6/6	3.22E-01			mg/L
Nitrate as Nitrogen	2/5	1.20E+00			mg/L
Potassium	1/6	2.44E+00			mg/L
Silica	5/5	6.40E+01			mg/L
Sodium	6/6	9.14E+01			mg/L
Tetraoxo-sulfate(1-)	5/5	1.28E+02			mg/L
Uranium	2/10	4.00E-03			mg/L
Vanadium	4/6	7.10E-02			mg/L
Zinc	5/6	6.90E-02			mg/L
Benzene	1/7	1.00E-03			mg/L
Chloroform	6/8	1.70E-02			mg/L
Trichloroethene	5/22	9.40E-02			mg/L
Alpha activity	20/23	1.33E+01			pCi/L
Beta activity	23/23	9.50E+01			pCi/L
Technetium-99	23/23	9.40E+01			pCi/L

AREA_CODE=d MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	5/9	2.10E-01			mg/L
Barium	13/13	1.68E-01	2.96E-01	No	mg/L
Calcium	13/13	2.18E+01	3.89E+01	No	mg/L
Chloride	13/13	1.10E+01	1.97E+01	No	mg/L
Copper	2/13	2.00E-02	5.70E-02	No	mg/L

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Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=d MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Fluoride	11/11	1.80E-01	3.30E-01	No	mg/L
Iron	13/13	1.02E+01	1.84E+01	No	mg/L
Magnesium	13/13	7.51E+00	1.34E+01	No	mg/L
Manganese	13/13	5.14E-01	9.41E-01	No	mg/L
Potassium	9/12	1.23E+01	5.58E+01	No	mg/L
Silica	9/9	3.40E+01	2.60E+01	Yes	mg/L
Sodium	13/13	2.10E+01	2.92E+01	No	mg/L
Tetraoxo-sulfate(1-)	10/10	2.89E+01			mg/L
Thallium	1/7	1.02E+00	6.44E-01	Yes	mg/L
Vanadium	4/7	6.60E-02	1.26E-01	No	mg/L
Zinc	12/13	1.90E-01	1.42E-01	Yes	mg/L
Trichloroethene	1/15	3.00E-03			mg/L
Alpha activity	13/15	6.70E+00			pCi/L
Beta activity	15/15	4.70E+01			pCi/L
Neptunium-237	4/7	4.00E-01	5.00E-01	No	pCi/L
Plutonium-239	1/7	1.00E-01			pCi/L
Radium-226	6/6	8.00E-01	1.20E+00	No	pCi/L
Radon-222	13/13	1.45E+02	2.95E+02	No	pCi/L
Technetium-99	11/15	2.30E+01			pCi/L
Thorium-230	5/7	8.00E-01			pCi/L

AREA_CODE=d MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Methylene chloride	1/1	5.00E-03			mg/L

AREA_CODE=d MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	34/39	1.33E+01	2.19E+00	Yes	mg/L
Arsenic	4/98	1.20E-01	5.00E-03	Yes	mg/L
Barium	65/68	6.86E-01	2.35E-01	Yes	mg/L
Beryllium	1/65	1.20E-03	4.00E-03	No	mg/L
Cadmium	2/100	3.70E-03	1.00E-02	No	mg/L
Calcium	66/66	4.67E+01	4.12E+01	Yes	mg/L
Chloride	59/59	1.73E+02	9.10E+01	Yes	mg/L
Chromium	15/95	4.60E-01	1.44E-01	Yes	mg/L
Cobalt	7/65	4.50E-02	4.50E-02	Yes	mg/L
Copper	6/67	2.50E-02	3.60E-02	No	mg/L
Fluoride	39/58	5.20E-01	2.70E-01	Yes	mg/L
Iron	54/69	1.98E+01	5.03E+00	Yes	mg/L
Lead	13/88	2.50E-01	1.29E-01	Yes	mg/L
Magnesium	69/69	4.72E+01	1.63E+01	Yes	mg/L
Manganese	63/69	6.32E+00	1.19E-01	Yes	mg/L
Nickel	22/70	3.27E-01	6.82E-01	No	mg/L
Nitrate as Nitrogen	17/59	2.20E+00			mg/L
Potassium	25/61	1.70E+01	5.20E+00	Yes	mg/L
Selenium	3/87	4.90E-03			mg/L
Silica	32/32	4.40E+01	2.64E+01	Yes	mg/L
Silver	1/37	2.60E-03			mg/L
Sodium	69/69	2.66E+02	5.95E+01	Yes	mg/L

Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=d MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Strontium	3/3	3.33E-01			mg/L
Tetraoxo-sulfate(1-)	37/54	2.00E+01			mg/L
Tin	1/1	8.00E-01			mg/L
Uranium	6/120	2.00E-02	2.00E-03	Yes	mg/L
Vanadium	17/35	4.36E-01	1.34E-01	Yes	mg/L
Zinc	27/67	8.28E-02	5.40E-02	Yes	mg/L
Bis(2-ethylhexyl)phthalate	2/7	2.00E-03			mg/L
Butyl benzyl phthalate	1/7	1.00E-03			mg/L
Di-n-butyl phthalate	1/7	2.10E-02			mg/L
Dimethylbenzene	1/114	2.20E+00			mg/L
Ethylbenzene	1/114	8.70E-01			mg/L
Methylene chloride	7/9	1.30E-01			mg/L
Tetrachloroethene	1/95	5.00E-03			mg/L
Trichloroethene	149/204	2.30E+01			mg/L
cis-1,2-Dichloroethene	8/95	2.90E-02			mg/L
Alpha activity	126/166	1.13E+01			pCi/L
Americium-241	1/2	5.00E-01			pCi/L
Beta activity	152/166	1.00E+03			pCi/L
Cesium-137	3/4	2.07E+01			pCi/L
Cobalt-60	1/2	2.00E-01			pCi/L
Neptunium-237	11/15	5.00E-01	8.00E-01	No	pCi/L
Plutonium-239	1/15	2.00E-01	1.00E-01	Yes	pCi/L
Radium-226	13/14	2.00E+00	6.00E-01	Yes	pCi/L
Radon-222	44/44	9.48E+03	6.26E+02	Yes	pCi/L
Technetium-99	168/214	3.67E+02	2.23E+01	Yes	pCi/L
Thorium-230	12/15	1.00E+00			pCi/L
Uranium-234	6/7	2.90E+00	7.00E-01	Yes	pCi/L
Uranium-235	4/6	2.48E-01	3.00E-01	No	pCi/L
Uranium-238	4/7	6.69E+00	7.00E-01	Yes	pCi/L

AREA_CODE=d MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	41/43	6.24E+01			mg/L
Ammonia as Nitrogen	2/4	1.60E-01			mg/L
Antimony	2/39	2.57E-02			mg/L
Arsenic	7/46	2.20E-02			mg/L
Barium	41/48	8.88E-01			mg/L
Beryllium	1/39	1.70E-03			mg/L
Cadmium	1/48	1.20E-02			mg/L
Calcium	38/38	3.78E+02			mg/L
Chloride	38/38	3.10E+02			mg/L
Chromium	9/40	1.30E-01			mg/L
Cobalt	7/39	6.76E-02			mg/L
Copper	12/38	3.30E-02			mg/L
Cyanide	2/5	1.00E-02			mg/L
Fluoride	23/38	4.50E-01			mg/L
Iron	47/47	7.54E+01			mg/L
Kjeldahl Nitrogen	3/4	8.95E+00			mg/L
Lead	7/39	1.38E+00			mg/L
Magnesium	47/47	9.40E+01			mg/L
Manganese	47/47	2.70E+01			mg/L
Mercury	1/28	2.00E-04			mg/L
Nickel	8/48	9.30E-02			mg/L
Nitrate as Nitrogen	12/34	2.69E+01			mg/L

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Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=d MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Nitrate/Nitrite	2/4	9.38E+00			mg/L
Orthophosphate	3/3	1.60E-01			mg/L
Potassium	22/46	2.98E+01			mg/L
Selenium	5/29	8.70E-03			mg/L
Silica	38/38	6.70E+01			mg/L
Silver	2/11	4.40E-03			mg/L
Sodium	47/47	2.79E+02			mg/L
Strontium	9/10	1.64E+00			mg/L
Sulfate	3/4	5.90E+01			mg/L
Sulfide	3/4	6.40E+01			mg/L
Tetraoxo-sulfate(1-)	29/33	6.95E+02			mg/L
Uranium	19/45	1.30E-01			mg/L
Vanadium	30/34	7.11E-01			mg/L
Zinc	19/39	9.90E-02			mg/L
1,1,1-Trichloroethane	2/24	1.60E-02			mg/L
1,1-Dichloroethane	1/23	8.00E-03			mg/L
1,1-Dichloroethene	7/29	2.00E-01			mg/L
1,2-Dichloroethane	1/23	2.00E-03			mg/L
1,2-Dichloroethene	1/7	5.00E-03			mg/L
Benzene	1/98	5.00E-03			mg/L
Dimethylbenzene	12/98	2.80E+00			mg/L
Ethylbenzene	14/99	1.50E+00			mg/L
Fluorene	1/12	7.00E-03			mg/L
Methylene chloride	6/6	1.80E-02			mg/L
Naphthalene	1/12	4.70E-02			mg/L
Phenanthrene	1/12	5.00E-03			mg/L
Trichloroethene	57/121	9.80E+01			mg/L
cis-1,2-Dichloroethene	2/18	9.00E-03			mg/L
Alpha activity	107/115	5.75E+01			pCi/L
Beta activity	112/115	1.00E+03			pCi/L
Neptunium-237	1/2	2.37E+00			pCi/L
Plutonium-238	2/2	1.10E-01			pCi/L
Radon-222	5/5	5.12E+02			pCi/L
Technetium-99	103/118	1.01E+03			pCi/L
Thorium-228	2/2	6.40E-01			pCi/L
Thorium-230	2/2	6.90E-01			pCi/L
Thorium-232	2/2	4.90E-01			pCi/L
Uranium-234	5/5	1.84E+01			pCi/L
Uranium-235	1/1	1.22E+00			pCi/L
Uranium-238	4/5	4.19E+01			pCi/L

AREA_CODE=e MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	6/40	9.04E+01	6.87E-01	Yes	mg/L
Arsenic	2/11	3.60E-02	5.00E-03	Yes	mg/L
Barium	6/11	6.70E-01	2.96E-01	Yes	mg/L
Beryllium	1/11	1.70E-02	1.70E-02	Yes	mg/L
Cadmium	1/11	2.10E-02	1.00E-02	Yes	mg/L
Calcium	41/41	1.18E+02	3.89E+01	Yes	mg/L
Chloride	38/38	2.42E+01	1.97E+01	Yes	mg/L
Chromium	2/9	2.32E-01	6.00E-02	Yes	mg/L
Cobalt	1/11	1.21E-01	9.60E-02	Yes	mg/L
Copper	3/11	1.63E-01	5.70E-02	Yes	mg/L
Fluoride	20/20	3.90E-01	3.30E-01	Yes	mg/L

Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=e MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Iron	41/41	1.79E+02	1.84E+01	Yes	mg/L
Magnesium	41/41	6.46E+01	1.34E+01	Yes	mg/L
Manganese	41/41	3.91E+00	9.41E-01	Yes	mg/L
Nickel	2/11	1.09E-01	1.09E-01	Yes	mg/L
Nitrate as Nitrogen	1/38	1.00E+00			mg/L
Potassium	27/40	8.61E+01	5.58E+01	Yes	mg/L
Silica	30/30	5.80E+01	2.60E+01	Yes	mg/L
Sodium	41/41	7.65E+01	2.92E+01	Yes	mg/L
Sulfate	2/2	1.17E+03	2.89E+01	Yes	mg/L
Tetraoxo-sulfate(1-)	36/36	1.97E+01			mg/L
Thallium	1/4	1.23E-01	6.44E-01	No	mg/L
Total Phosphate as Phosphorus	1/35	5.20E+00			mg/L
Uranium	2/11	1.80E-02	1.00E-03	Yes	mg/L
Vanadium	3/4	8.36E-01	1.26E-01	Yes	mg/L
Zinc	8/11	5.64E-01	1.42E-01	Yes	mg/L
Trichloroethene	5/52	7.00E-03			mg/L
Alpha activity	43/48	1.07E+02			pCi/L
Beta activity	48/48	2.36E+02			pCi/L
Radon-222	31/31	3.91E+02	2.95E+02	Yes	pCi/L
Technetium-99	40/53	5.30E+01	2.06E+01	Yes	pCi/L
Thorium-230	1/1	1.00E-01			pCi/L

AREA_CODE=e MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	94/348	4.81E+01	2.19E+00	Yes	mg/L
Arsenic	1/158	7.00E-03	5.00E-03	Yes	mg/L
Barium	158/159	4.98E-01	2.35E-01	Yes	mg/L
Beryllium	3/158	6.00E-03	4.00E-03	Yes	mg/L
Cadmium	2/159	2.40E-02	1.00E-02	Yes	mg/L
Calcium	374/374	7.82E+01	4.12E+01	Yes	mg/L
Chloride	345/345	4.99E+01	9.10E+01	No	mg/L
Chromium	11/161	1.12E-01	1.44E-01	No	mg/L
Cobalt	2/159	8.10E-02	4.50E-02	Yes	mg/L
Copper	29/159	1.87E+00	3.60E-02	Yes	mg/L
Fluoride	217/222	6.50E-01	2.70E-01	Yes	mg/L
Iron	226/378	2.91E+02	5.03E+00	Yes	mg/L
Lead	1/69	6.00E-02	1.29E-01	No	mg/L
Magnesium	376/376	1.42E+01	1.63E+01	No	mg/L
Manganese	158/375	5.93E+00	1.19E-01	Yes	mg/L
Molybdenum	1/129	6.60E-02	5.00E-02	Yes	mg/L
Nickel	21/160	2.59E-01	6.82E-01	No	mg/L
Nitrate as Nitrogen	328/346	1.42E+01	1.56E+01	No	mg/L
Potassium	44/353	4.41E+01	5.20E+00	Yes	mg/L
Silica	207/208	3.50E+01	2.64E+01	Yes	mg/L
Silver	1/59	3.90E-01	1.10E-02	Yes	mg/L
Sodium	376/376	6.30E+01	5.95E+01	Yes	mg/L
Sulfate	21/22	3.56E+02	1.99E+01	Yes	mg/L
Tetraoxo-sulfate(1-)	323/323	5.00E+01			mg/L
Thallium	2/99	1.00E-01	5.60E-02	Yes	mg/L
Total Phosphate as Phosphorus	3/248	2.80E+00			mg/L
Uranium	8/132	1.20E-02	2.00E-03	Yes	mg/L
Vanadium	74/102	2.76E-01	1.34E-01	Yes	mg/L
Zinc	69/161	4.00E-01	5.40E-02	Yes	mg/L
2-Butanone	2/2	1.70E-01			mg/L

Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=e MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Acetone	1/1	1.40E-02			mg/L
Dimethylbenzene	1/350	6.00E-03			mg/L
Trichloroethene	439/472	1.67E+02			mg/L
trans-1,2-Dichloroethene	1/422	5.00E-03			mg/L
Alpha activity	390/532	1.88E+02			pCi/L
Beta activity	530/532	1.81E+03			pCi/L
Cobalt-60	1/1	8.00E-01			pCi/L
Neptunium-237	8/14	5.00E-01	8.00E-01	No	pCi/L
Plutonium-239	3/14	1.00E-01			pCi/L
Radium-226	1/1	2.00E-01	6.00E-01	No	pCi/L
Radon-222	255/255	8.61E+02	6.26E+02	Yes	pCi/L
Technetium-99	526/547	2.11E+03	2.23E+01	Yes	pCi/L
Thorium-230	11/14	1.60E+00	1.10E+00	Yes	pCi/L

AREA_CODE=e MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	16/28	8.00E+01			mg/L
Arsenic	1/6	8.00E-03			mg/L
Barium	6/6	1.01E+00			mg/L
Calcium	27/28	6.92E+01			mg/L
Chloride	22/22	2.13E+02			mg/L
Chromium	1/6	1.30E-01			mg/L
Copper	1/6	1.00E-01			mg/L
Fluoride	5/5	5.50E-01			mg/L
Iron	23/28	6.80E+01			mg/L
Magnesium	27/28	3.10E+01			mg/L
Manganese	5/28	1.60E-01			mg/L
Nickel	2/6	5.35E-01			mg/L
Nitrate as Nitrogen	1/22	1.00E+00			mg/L
Potassium	2/28	3.05E+00			mg/L
Silica	26/26	4.30E+01			mg/L
Sodium	27/28	1.45E+02			mg/L
Sulfate	1/1	3.42E+01			mg/L
Tetraoxo-sulfate(1-)	21/21	4.16E+01			mg/L
Uranium	4/5	4.00E-03			mg/L
Vanadium	3/3	7.60E-01			mg/L
Zinc	2/5	1.60E-01			mg/L
Trichloroethene	3/34	4.00E-03			mg/L
Alpha activity	33/34	1.43E+01			pCi/L
Beta activity	31/34	4.00E+01			pCi/L
Radon-222	21/21	2.53E+02			pCi/L
Technetium-99	24/34	1.80E+01			pCi/L

AREA_CODE=f MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	2/4	3.93E-01			mg/L
Barium	5/6	3.54E-01	2.96E-01	Yes	mg/L
Calcium	6/6	2.26E+01	3.89E+01	No	mg/L
Chloride	6/6	5.00E+00	1.97E+01	No	mg/L

able 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=f MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Fluoride	5/5	2.70E-01	3.30E-01	No	mg/L
Iron	6/6	1.04E+01	1.84E+01	No	mg/L
Magnesium	6/6	6.20E+00	1.34E+01	No	mg/L
Manganese	6/6	3.50E-01	9.41E-01	No	mg/L
Potassium	5/5	3.11E+01	5.58E+01	No	mg/L
Silica	4/4	2.50E+01	2.60E+01	No	mg/L
Sodium	6/6	2.92E+01	2.92E+01	Yes	mg/L
Tetraoxo-sulfate(1-)	6/6	8.00E+00			mg/L
Zinc	3/6	3.40E-01	1.42E-01	Yes	mg/L
Alpha activity	13/13	1.75E+01			pCi/L
Beta activity	13/13	2.34E+02			pCi/L
Radon-222	4/4	2.67E+02	2.95E+02	No	pCi/L
Technetium-99	9/13	2.00E+01			pCi/L

AREA_CODE=f MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	48/93	4.63E+01	2.19E+00	Yes	mg/L
Arsenic	1/104	1.28E-02	5.00E-03	Yes	mg/L
Barium	97/98	2.70E+00	2.35E-01	Yes	mg/L
Cadmium	3/106	3.42E-01	1.00E-02	Yes	mg/L
Calcium	106/106	7.00E+01	4.12E+01	Yes	mg/L
Chloride	105/105	1.23E+02	9.10E+01	Yes	mg/L
Chromium	42/91	9.16E-01	1.44E-01	Yes	mg/L
Copper	6/106	3.78E-01	3.60E-02	Yes	mg/L
Fluoride	88/90	2.30E-01	2.70E-01	No	mg/L
Iron	88/108	7.44E+01	5.03E+00	Yes	mg/L
Magnesium	106/106	2.27E+01	1.63E+01	Yes	mg/L
Manganese	58/106	2.21E+00	1.19E-01	Yes	mg/L
Nickel	35/106	4.48E-01	6.82E-01	No	mg/L
Nitrate as Nitrogen	82/97	2.90E+00	1.56E+01	No	mg/L
Potassium	54/102	1.97E+01	5.20E+00	Yes	mg/L
Silica	55/55	5.20E+01	2.64E+01	Yes	mg/L
Sodium	105/106	7.86E+01	5.95E+01	Yes	mg/L
Sulfate	21/22	6.76E+01	1.99E+01	Yes	mg/L
Tetraoxo-sulfate(1-)	79/83	1.60E+02			mg/L
Uranium	1/70	3.00E-03			mg/L
Vanadium	43/45	2.36E-01	1.34E-01	Yes	mg/L
Zinc	29/106	3.82E-01	5.40E-02	Yes	mg/L
1,1-Dichloroethene	3/148	2.00E-02			mg/L
1,2-Dichloroethene	1/6	1.40E-02			mg/L
Bis(2-ethylhexyl)phthalate	1/1	2.80E-02			mg/L
Carbon tetrachloride	2/175	6.00E-04			mg/L
Diethyl phthalate	1/1	1.10E-02			mg/L
Trichloroethene	206/214	2.40E+00			mg/L
cis-1,2-Dichloroethene	6/170	2.20E-02			mg/L
trans-1,2-Dichloroethene	1/170	1.00E-04			mg/L
Alpha activity	154/218	2.71E+01			pCi/L
Beta activity	205/218	1.59E+02			pCi/L
Neptunium-237	5/6	7.00E-01	8.00E-01	No	pCi/L
Plutonium-239	2/6	2.00E-01	1.00E-01	Yes	pCi/L
Radon-222	13/13	8.48E+02	6.26E+02	Yes	pCi/L
Technetium-99	176/222	1.68E+02	2.23E+01	Yes	pCi/L
Thorium-230	5/6	6.00E-01			pCi/L

Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=f MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	2/2	7.57E+00			mg/L
Barium	3/3	2.22E-01			mg/L
Calcium	3/3	2.27E+01			mg/L
Chloride	3/3	1.50E+01			mg/L
Copper	2/3	1.82E-01			mg/L
Fluoride	3/3	2.80E-01			mg/L
Iron	3/3	7.36E+00			mg/L
Magnesium	3/3	1.00E+01			mg/L
Manganese	3/3	1.25E-01			mg/L
Nitrate as Nitrogen	2/3	1.10E+00			mg/L
Potassium	1/2	2.16E+00			mg/L
Silica	2/2	3.80E+01			mg/L
Sodium	3/3	5.83E+01			mg/L
Tetraoxo-sulfate(1-)	3/3	4.96E+01			mg/L
Vanadium	2/2	8.10E-02			mg/L
Zinc	3/3	1.00E-01			mg/L
Trichloroethene	1/8	2.00E-03			mg/L
Alpha activity	7/8	1.15E+01			pCi/L
Beta activity	8/8	1.40E+01			pCi/L
Radon-222	1/1	4.71E+02			pCi/L
Technetium-99	4/8	7.70E+01			pCi/L

AREA_CODE=g MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	5/9	2.16E-01			mg/L
Arsenic	1/9	5.00E-03	5.00E-03	Yes	mg/L
Barium	9/9	1.11E-01	2.96E-01	No	mg/L
Calcium	9/9	3.26E+01	3.89E+01	No	mg/L
Chloride	9/9	1.30E+01	1.97E+01	No	mg/L
Copper	1/9	1.30E-02	5.70E-02	No	mg/L
Fluoride	7/7	2.10E-01	3.30E-01	No	mg/L
Iron	9/9	1.64E+01	1.84E+01	No	mg/L
Magnesium	9/9	7.79E+00	1.34E+01	No	mg/L
Manganese	9/9	7.14E-01	9.41E-01	No	mg/L
Mercury	1/7	4.50E-03	2.00E-04	Yes	mg/L
Nitrate as Nitrogen	1/9	1.30E+00			mg/L
Potassium	8/9	1.39E+01	5.58E+01	No	mg/L
Silica	9/9	3.00E+01	2.60E+01	Yes	mg/L
Sodium	9/9	2.90E+01	2.92E+01	No	mg/L
Tetraoxo-sulfate(1-)	6/6	1.70E+01			mg/L
Vanadium	4/7	6.40E-02	1.26E-01	No	mg/L
Zinc	4/9	3.30E-02	1.42E-01	No	mg/L
Alpha activity	9/10	6.90E+00			pCi/L
Beta activity	10/10	2.50E+01			pCi/L
Neptunium-237	4/7	5.00E-01	5.00E-01	Yes	pCi/L
Plutonium-239	2/7	2.00E-01	2.00E-01	Yes	pCi/L
Radium-226	5/6	1.30E+00	1.20E+00	Yes	pCi/L
Radon-222	9/9	1.78E+02	2.95E+02	No	pCi/L
Technetium-99	6/10	1.30E+01			pCi/L
Thorium-230	4/7	5.00E-01			pCi/L

Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=g MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	25/31	1.10E+01	2.19E+00	Yes	mg/L
Arsenic	1/36	5.20E-03	5.00E-03	Yes	mg/L
Barium	35/36	2.00E-01	2.35E-01	No	mg/L
Cadmium	1/36	1.20E-02	1.00E-02	Yes	mg/L
Calcium	36/36	3.19E+01	4.12E+01	No	mg/L
Chloride	33/33	5.50E+01	9.10E+01	No	mg/L
Chromium	9/31	9.26E-01	1.44E-01	Yes	mg/L
Copper	8/36	1.20E-01	3.60E-02	Yes	mg/L
Fluoride	26/26	2.70E-01	2.70E-01	Yes	mg/L
Iron	32/36	1.88E+01	5.03E+00	Yes	mg/L
Lead	4/25	1.29E-01	1.29E-01	Yes	mg/L
Magnesium	36/36	1.08E+01	1.63E+01	No	mg/L
Manganese	24/36	4.09E-01	1.19E-01	Yes	mg/L
Nickel	10/35	1.66E+00	6.82E-01	Yes	mg/L
Nitrate as Nitrogen	32/33	4.10E+00	1.56E+01	No	mg/L
Potassium	15/35	5.51E+00	5.20E+00	Yes	mg/L
Silica	30/30	3.00E+01	2.64E+01	Yes	mg/L
Sodium	34/34	3.69E+01	5.95E+01	No	mg/L
Tetraoxo-sulfate(1-)	24/24	1.10E+01			mg/L
Uranium	1/69	2.00E-03			mg/L
Vanadium	21/26	1.23E-01	1.34E-01	No	mg/L
Zinc	17/36	5.30E+00	5.40E-02	Yes	mg/L
Trichloroethene	2/48	1.00E-03			mg/L
Alpha activity	147/205	1.13E+01			pCi/L
Beta activity	174/205	3.60E+01			pCi/L
Neptunium-237	11/21	8.00E-01	8.00E-01	Yes	pCi/L
Plutonium-239	4/21	1.00E-01			pCi/L
Radium-226	11/18	1.30E+00	6.00E-01	Yes	pCi/L
Radon-222	138/138	1.97E+03	6.26E+02	Yes	pCi/L
Technetium-99	59/583	2.90E+01	2.23E+01	Yes	pCi/L
Thorium-230	17/21	1.10E+00	1.10E+00	Yes	pCi/L

AREA_CODE=g MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	8/9	2.22E+00			mg/L
Barium	8/9	6.20E-02			mg/L
Calcium	9/9	4.80E+01			mg/L
Chloride	8/9	6.88E+01			mg/L
Chromium	2/9	1.18E-01			mg/L
Copper	2/9	1.50E-02			mg/L
Fluoride	6/8	1.50E-01			mg/L
Iron	6/9	1.70E+00			mg/L
Magnesium	9/9	1.70E+01			mg/L
Manganese	9/9	1.50E+00			mg/L
Nitrate as Nitrogen	6/9	7.80E+00			mg/L
Potassium	3/9	8.10E+00			mg/L
Silica	9/9	3.00E+01			mg/L
Sodium	9/9	5.50E+01			mg/L
Tetraoxo-sulfate(1-)	6/6	2.38E+02			mg/L
Vanadium	4/9	1.40E-01			mg/L
Zinc	4/9	6.20E-02			mg/L
Alpha activity	6/12	4.70E+00			pCi/L
Beta activity	11/12	3.30E+01			pCi/L
Neptunium-237	2/7	2.00E-01			pCi/L
Plutonium-239	1/7	2.00E-01			pCi/L

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Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=g MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Radium-226	4/6	1.60E+00			pCi/L
Radon-222	7/7	6.95E+02			pCi/L
Technetium-99	11/11	3.80E+01			pCi/L
Thorium-230	3/7	4.00E-01			pCi/L

AREA_CODE=h MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	6/9	3.44E-01			mg/L
Barium	9/10	1.71E-01	2.96E-01	No	mg/L
Calcium	10/10	2.98E+01	3.89E+01	No	mg/L
Chloride	10/10	1.10E+01	1.97E+01	No	mg/L
Fluoride	9/9	3.30E-01	3.30E-01	Yes	mg/L
Iron	10/10	6.14E+00	1.84E+01	No	mg/L
Magnesium	10/10	9.76E+00	1.34E+01	No	mg/L
Manganese	10/10	1.41E-01	9.41E-01	No	mg/L
Nitrate as Nitrogen	1/10	1.40E+00			mg/L
Potassium	9/10	1.44E+01	5.58E+01	No	mg/L
Silica	9/9	3.60E+01	2.60E+01	Yes	mg/L
Sodium	10/10	1.72E+01	2.92E+01	No	mg/L
Tetraoxo-sulfate(1-)	8/8	1.40E+01			mg/L
Vanadium	6/7	9.70E-02	1.26E-01	No	mg/L
Zinc	4/10	1.90E-02	1.42E-01	No	mg/L
Alpha activity	9/12	1.89E+01			pCi/L
Beta activity	12/12	3.10E+01			pCi/L
Neptunium-237	2/7	2.00E-01	5.00E-01	No	pCi/L
Plutonium-239	1/7	1.00E-01			pCi/L
Radium-226	6/7	1.30E+00	1.20E+00	Yes	pCi/L
Radon-222	9/9	3.33E+02	2.95E+02	Yes	pCi/L
Technetium-99	9/12	2.10E+01			pCi/L
Thorium-230	4/7	2.30E+00	1.50E+00	Yes	pCi/L

AREA_CODE=h MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	24/28	1.41E+00			mg/L
Antimony	1/28	6.40E-02			mg/L
Barium	25/28	1.47E-01			mg/L
Calcium	28/28	1.91E+01			mg/L
Chloride	28/28	5.90E+01			mg/L
Chromium	1/28	9.40E-02			mg/L
Copper	5/27	4.80E-02			mg/L
Fluoride	27/27	2.90E+00			mg/L
Iron	21/28	3.83E+00			mg/L
Magnesium	28/28	7.12E+00			mg/L
Manganese	12/28	6.02E+00			mg/L
Mercury	1/26	3.80E-03			mg/L
Nickel	2/28	7.20E-02			mg/L
Nitrate as Nitrogen	25/28	4.60E+00			mg/L
Potassium	1/28	3.88E+00			mg/L
Silica	28/28	2.20E+01			mg/L

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.able 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=h MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Sodium	28/28	8.97E+01			mg/L
Tetraoxo-sulfate(1-)	19/19	4.88E+01			mg/L
Thallium	1/28	7.50E-02			mg/L
Vanadium	18/28	4.98E+00			mg/L
Zinc	13/28	3.80E-02			mg/L
Alpha activity	21/28	7.40E+00			pCi/L
Beta activity	28/28	1.30E+01			pCi/L
Neptunium-237	10/28	8.00E-01			pCi/L
Plutonium-239	6/27	1.00E-01			pCi/L
Radium-226	19/24	9.00E-01			pCi/L
Radon-222	28/28	5.29E+03			pCi/L
Technetium-99	20/28	2.20E+01			pCi/L
Thorium-230	23/28	1.60E+00			pCi/L

AREA_CODE=h MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	6/8	2.31E+00	2.19E+00	Yes	mg/L
Arsenic	1/10	7.00E-03	5.00E-03	Yes	mg/L
Barium	10/11	2.82E-01	2.35E-01	Yes	mg/L
Calcium	11/11	5.65E+01	4.12E+01	Yes	mg/L
Chloride	9/9	1.09E+02	9.10E+01	Yes	mg/L
Chromium	3/8	2.32E-01	1.44E-01	Yes	mg/L
Copper	2/11	5.30E-02	3.60E-02	Yes	mg/L
Fluoride	7/7	2.60E-01	2.70E-01	No	mg/L
Iron	10/11	4.68E+01	5.03E+00	Yes	mg/L
Magnesium	11/11	1.87E+01	1.63E+01	Yes	mg/L
Manganese	9/11	1.42E-01	1.19E-01	Yes	mg/L
Nickel	2/11	6.50E-02	6.82E-01	No	mg/L
Nitrate as Nitrogen	9/9	3.83E+01	1.56E+01	Yes	mg/L
Potassium	1/11	2.20E+00	5.20E+00	No	mg/L
Silica	7/7	2.00E+01	2.64E+01	No	mg/L
Sodium	10/10	6.96E+01	5.95E+01	Yes	mg/L
Tetraoxo-sulfate(1-)	9/9	2.26E+01			mg/L
Uranium	2/24	1.60E-02	2.00E-03	Yes	mg/L
Vanadium	4/5	1.47E-01	1.34E-01	Yes	mg/L
Zinc	4/11	4.40E-02	5.40E-02	No	mg/L
Trichloroethene	2/28	3.00E-03			mg/L
cis-1,2-Dichloroethene	1/10	2.40E-03			mg/L
Alpha activity	125/173	3.14E+01			pCi/L
Beta activity	147/173	5.70E+01			pCi/L
Radon-222	57/57	1.06E+03	6.26E+02	Yes	pCi/L
Technetium-99	97/415	3.40E+01	2.23E+01	Yes	pCi/L

AREA_CODE=h MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	2/2	1.64E+00			mg/L
Barium	3/3	1.12E-01			mg/L
Calcium	3/3	2.63E+01			mg/L
Chloride	3/3	3.30E+01			mg/L

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Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=h MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Fluoride	3/3	2.30E-01			mg/L
Iron	3/3	2.01E+00			mg/L
Magnesium	3/3	9.45E+00			mg/L
Manganese	3/3	7.80E-02			mg/L
Nickel	3/3	5.70E-01			mg/L
Nitrate as Nitrogen	3/3	2.80E+00			mg/L
Potassium	2/3	5.14E+00			mg/L
Silica	2/2	3.90E+01			mg/L
Sodium	3/3	4.52E+01			mg/L
Tetraoxo-sulfate(1-)	3/3	4.10E+01			mg/L
Vanadium	2/2	8.00E-02			mg/L
Zinc	1/3	1.80E-02			mg/L
Alpha activity	8/11	5.40E+00			pCi/L
Beta activity	11/11	1.50E+01			pCi/L
Radon-222	1/1	2.68E+02			pCi/L
Technetium-99	8/11	2.20E+01			pCi/L

AREA_CODE=i MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	2/2	3.84E-01			mg/L
Barium	3/3	1.45E-01	2.96E-01	No	mg/L
Calcium	3/3	4.10E+01	3.89E+01	Yes	mg/L
Chloride	3/3	3.10E+01	1.97E+01	Yes	mg/L
Fluoride	3/3	2.50E-01	3.30E-01	No	mg/L
Iron	2/3	4.01E-01	1.84E+01	No	mg/L
Magnesium	3/3	1.76E+01	1.34E+01	Yes	mg/L
Manganese	3/3	9.83E-01	9.41E-01	Yes	mg/L
Nitrate as Nitrogen	1/3	2.30E+00			mg/L
Potassium	3/3	1.14E+01	5.58E+01	No	mg/L
Silica	2/2	2.80E+01	2.60E+01	Yes	mg/L
Sodium	3/3	2.44E+01	2.92E+01	No	mg/L
Tetraoxo-sulfate(1-)	3/3	1.80E+01			mg/L
Uranium	1/7	1.00E-03			mg/L
Vanadium	1/2	1.87E-01	1.26E-01	Yes	mg/L
Alpha activity	7/10	4.10E+00			pCi/L
Beta activity	10/10	2.10E+01			pCi/L
Radon-222	1/1	6.40E+01	2.95E+02	No	pCi/L
Technetium-99	8/10	2.20E+01			pCi/L

AREA_CODE=i MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	86/110	4.85E+01	2.19E+00	Yes	mg/L
Antimony	6/412	2.73E-01	6.00E-02	Yes	mg/L
Arsenic	17/476	3.60E-02	5.00E-03	Yes	mg/L
Barium	454/476	1.66E+00	2.35E-01	Yes	mg/L
Beryllium	28/412	8.00E-03	4.00E-03	Yes	mg/L
Bicarbonate	3/3	2.37E+02			mg/L
Boron	34/48	1.54E+00			mg/L
Cadmium	7/483	1.80E-02	1.00E-02	Yes	mg/L

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Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=i MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Calcium	147/148	6.85E+01	4.12E+01	Yes	mg/L
Cerium	24/48	8.00E-02			mg/L
Chloride	480/483	1.62E+02	9.10E+01	Yes	mg/L
Chromium	195/488	2.51E+01	1.44E-01	Yes	mg/L
Cobalt	36/412	8.40E-02	4.50E-02	Yes	mg/L
Copper	42/478	3.10E-01	3.60E-02	Yes	mg/L
Fluoride	169/175	7.10E-01	2.70E-01	Yes	mg/L
Gallium	24/48	9.00E-02			mg/L
Iron	419/484	1.69E+02	5.03E+00	Yes	mg/L
Lead	8/445	1.26E-01	1.29E-01	No	mg/L
Lithium	24/48	8.00E-02			mg/L
Magnesium	148/148	3.49E+01	1.63E+01	Yes	mg/L
Manganese	121/148	1.49E+01	1.19E-01	Yes	mg/L
Mercury	2/434	3.00E-04	2.00E-04	Yes	mg/L
Molybdenum	24/87	3.00E-02	5.00E-02	No	mg/L
Nickel	161/478	1.89E+00	6.82E-01	Yes	mg/L
Nitrate as Nitrogen	391/477	4.80E+00	1.56E+01	No	mg/L
Potassium	69/133	2.21E+01	5.20E+00	Yes	mg/L
Selenium	3/444	9.00E-03	5.00E-03	Yes	mg/L
Silica	22/22	3.40E+01	2.64E+01	Yes	mg/L
Silver	15/437	9.70E-02	1.10E-02	Yes	mg/L
Sodium	477/477	7.64E+01	5.95E+01	Yes	mg/L
Strontium	54/54	1.70E-01			mg/L
Sulfate	73/88	2.21E+02	1.99E+01	Yes	mg/L
Tetraoxo-sulfate(1-)	104/113	3.98E+02			mg/L
Thorium	24/48	5.00E-02			mg/L
Titanium	27/48	2.20E-01			mg/L
Uranium	13/506	2.40E-02	2.00E-03	Yes	mg/L
Vanadium	117/385	4.28E-01	1.34E-01	Yes	mg/L
Zinc	128/476	4.60E-01	5.40E-02	Yes	mg/L
Zirconium	24/48	2.00E-02			mg/L
1,1,1-Trichloroethane	1/508	4.00E-03			mg/L
1,2-Dichlorobenzene	1/342	5.70E-05			mg/L
1,2-Dichloroethene	4/23	2.00E-03			mg/L
1,3,5-Trimethylbenzene	1/1	2.00E-04			mg/L
1,4-Dichlorobenzene	1/342	6.20E-05			mg/L
2-Butanone	42/372	5.10E-02			mg/L
4-Bromofluorobenzene	2/2	9.40E-02			mg/L
4-Methyl-2-pentanone	2/404	1.70E-02			mg/L
Acetone	53/372	9.90E-02			mg/L
Acrylonitrile	1/378	1.00E-02			mg/L
Benzene	2/505	1.00E-03			mg/L
Bis(2-ethylhexyl)phthalate	4/22	9.00E-03			mg/L
Bromomethane	3/404	1.00E-03			mg/L
Carbazole	1/2	1.20E-02			mg/L
Chlorobenzene	2/404	1.00E-03			mg/L
Chloroethane	1/404	1.00E-03			mg/L
Chloroform	10/524	2.00E-03			mg/L
Chloromethane	14/404	2.00E-03			mg/L
Chrysene	1/22	6.00E-04			mg/L
Di-n-butyl phthalate	2/22	1.00E-02			mg/L
Dichlorodifluoromethane	1/404	7.40E-05			mg/L
Dimethylbenzene	2/505	3.00E-03			mg/L
Ethanol	7/340	3.50E-01			mg/L
Ethylbenzene	1/505	1.00E-03			mg/L
Methylene chloride	39/404	1.80E-02			mg/L
PCB-1254	1/20	9.00E-04			mg/L
Polychlorinated biphenyl	1/87	1.00E-04			mg/L
Tetrachloroethene	4/460	2.00E-03			mg/L

Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=i MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Toluene	15/505	9.00E-03			mg/L
Trichloroethene	317/611	4.70E-02			mg/L
Trichlorofluoromethane	7/404	2.00E-03			mg/L
Vinyl chloride	1/526	1.00E-03			mg/L
cis-1,2-Dichloroethene	13/451	2.00E-03			mg/L
m,p-Xylene	3/12	1.50E-04			mg/L
trans-1,2-Dichloroethene	2/516	2.00E-03			mg/L
trans-1,3-Dichloropropene	1/404	1.70E-04			mg/L
Alpha activity	424/612	3.13E+01			pCi/L
Americium-241	3/7	8.00E-01			pCi/L
Beta activity	608/642	1.35E+03			pCi/L
Cesium-137	5/7	6.00E-01			pCi/L
Cobalt-60	5/7	1.20E+00			pCi/L
Neptunium-237	2/3	5.00E-01	8.00E-01	No	pCi/L
Radium-226	8/8	9.00E-01	6.00E-01	Yes	pCi/L
Radon-222	30/30	9.30E+02	6.26E+02	Yes	pCi/L
Technetium-99	496/671	1.40E+03	2.23E+01	Yes	pCi/L
Thorium-230	2/2	4.00E-01			pCi/L
Thorium-234	1/1	6.00E-01			pCi/L

AREA_CODE=i MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	9/9	1.32E+01			mg/L
Antimony	4/22	2.35E-01			mg/L
Arsenic	11/42	5.70E-02			mg/L
Barium	39/42	1.19E+00			mg/L
Cadmium	2/46	1.90E-02			mg/L
Calcium	18/18	1.28E+02			mg/L
Chloride	43/45	9.79E+01			mg/L
Chromium	4/46	1.46E-01			mg/L
Cobalt	1/22	6.60E-02			mg/L
Copper	29/46	1.32E+00			mg/L
Fluoride	36/41	8.90E+00			mg/L
Iron	46/46	6.06E+01			mg/L
Lead	5/37	2.35E-01			mg/L
Magnesium	18/18	4.37E+01			mg/L
Manganese	17/18	8.06E+00			mg/L
Mercury	3/33	5.00E-04			mg/L
Nickel	7/45	5.95E-01			mg/L
Nitrate	1/1	2.10E+00			mg/L
Nitrate as Nitrogen	25/40	2.30E+00			mg/L
Potassium	6/13	1.36E+01			mg/L
Selenium	1/37	5.00E-03			mg/L
Silica	9/9	3.50E+01			mg/L
Silver	1/33	4.50E-02			mg/L
Sodium	43/43	1.49E+02			mg/L
Sulfate	12/12	1.90E+02			mg/L
Tetraoxo-sulfate(1-)	29/29	3.76E+02			mg/L
Thallium	1/17	8.20E-03			mg/L
Uranium	32/59	6.40E-01			mg/L
Vanadium	16/17	4.33E-01			mg/L
Zinc	38/46	1.88E+00			mg/L
2-Butanone	3/28	7.00E-03			mg/L
Acetone	4/28	1.50E-02			mg/L

Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=i MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Benzene	1/48	5.00E-03			mg/L
Bromodichloromethane	1/49	9.00E-03			mg/L
Chloroform	3/50	2.40E-02			mg/L
Dibromochloromethane	1/29	2.00E-03			mg/L
Dichlorodifluoromethane	3/28	6.00E-03			mg/L
Ethanol	3/28	2.40E-02			mg/L
Methylene chloride	10/28	1.30E-02			mg/L
Trichloroethene	9/89	5.60E-02			mg/L
Alpha activity	63/80	3.49E+02			pCi/L
Beta activity	75/80	1.00E+03			pCi/L
Cesium-137	3/4	9.00E-01			pCi/L
Cobalt-60	4/4	1.40E+00			pCi/L
Radium-226	3/4	7.00E-01			pCi/L
Radon-222	5/5	5.19E+02			pCi/L
Technetium-99	77/91	3.39E+02			pCi/L

AREA_CODE=j MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	2/2	2.04E+00	6.87E-01	Yes	mg/L
Arsenic	1/2	8.54E-02	5.00E-03	Yes	mg/L
Barium	2/2	1.27E-01	2.96E-01	No	mg/L
Calcium	2/2	5.51E+01	3.89E+01	Yes	mg/L
Chloride	2/2	3.40E+01	1.97E+01	Yes	mg/L
Fluoride	2/2	1.60E-01	3.30E-01	No	mg/L
Iron	1/2	1.22E-01	1.84E+01	No	mg/L
Magnesium	2/2	9.50E+00	1.34E+01	No	mg/L
Manganese	2/2	3.02E+00	9.41E-01	Yes	mg/L
Molybdenum	1/2	3.15E-01	5.00E-02	Yes	mg/L
Potassium	1/2	8.88E+00	5.58E+01	No	mg/L
Silica	2/2	1.70E+01	2.60E+01	No	mg/L
Sodium	2/2	2.63E+01	2.92E+01	No	mg/L
Sulfate	2/2	1.56E+02	2.89E+01	Yes	mg/L
Thallium	1/2	1.03E-01	6.44E-01	No	mg/L
Uranium	1/2	1.00E-03			mg/L
Vanadium	2/2	1.07E-01	1.26E-01	No	mg/L
Alpha activity	2/2	1.00E+00			pCi/L
Beta activity	2/2	4.30E+01			pCi/L
Technetium-99	2/2	1.60E+01			pCi/L
Thorium-230	1/2	1.00E-01			pCi/L

AREA_CODE=j MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	4/4	7.84E+00	2.19E+00	Yes	mg/L
Arsenic	2/4	9.10E-03	5.00E-03	Yes	mg/L
Barium	4/4	1.11E-01	2.35E-01	No	mg/L
Calcium	4/4	1.34E+02	4.12E+01	Yes	mg/L
Chloride	4/4	1.80E+01	9.10E+01	No	mg/L
Copper	1/4	1.10E-02	3.60E-02	No	mg/L
Fluoride	1/4	1.80E-01	2.70E-01	No	mg/L

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Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=j MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Iron	4/4	1.03E+01	5.03E+00	Yes	mg/L
Magnesium	4/4	1.81E+01	1.63E+01	Yes	mg/L
Manganese	4/4	5.55E+00	1.19E-01	Yes	mg/L
Molybdenum	2/4	2.86E-01	5.00E-02	Yes	mg/L
Nickel	1/4	5.20E-02	6.82E-01	No	mg/L
Nitrate as Nitrogen	1/4	3.40E+00	1.56E+01	No	mg/L
Potassium	3/4	1.94E+01	5.20E+00	Yes	mg/L
Silica	4/4	3.20E+01	2.64E+01	Yes	mg/L
Sodium	4/4	2.26E+01	5.95E+01	No	mg/L
Sulfate	4/4	7.42E+02	1.99E+01	Yes	mg/L
Thallium	3/4	1.35E-01	5.60E-02	Yes	mg/L
Vanadium	3/4	1.92E-01	1.34E-01	Yes	mg/L
Zinc	4/4	4.10E-02	5.40E-02	No	mg/L
2-Butanone	1/1	1.60E-02			mg/L
Alpha activity	4/4	2.20E+00			pCi/L
Beta activity	4/4	4.30E+01			pCi/L
Neptunium-237	2/4	4.00E-01	8.00E-01	No	pCi/L
Technetium-99	4/4	1.90E+01			pCi/L
Thorium-230	3/4	2.00E-01			pCi/L

AREA_CODE=k MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	37/55	8.77E+01			mg/L
Ammonia as Nitrogen	1/3	6.23E+00			mg/L
Antimony	2/40	5.23E-02			mg/L
Arsenic	5/75	2.10E-02			mg/L
Barium	42/75	2.78E-01			mg/L
Beryllium	6/40	6.28E-02			mg/L
Cadmium	1/75	1.60E-02			mg/L
Calcium	37/37	4.39E+02			mg/L
Chloride	35/35	7.74E+01			mg/L
Chromium	10/37	8.50E-02			mg/L
Cobalt	11/40	1.01E+00			mg/L
Copper	13/40	3.40E-02			mg/L
Fluoride	24/32	6.40E-01			mg/L
Iron	61/72	1.23E+03			mg/L
Kjeldahl Nitrogen	3/4	1.38E+00			mg/L
Lead	14/72	1.78E+00			mg/L
Magnesium	72/72	1.72E+02			mg/L
Manganese	70/72	6.00E+01			mg/L
Mercury	1/35	3.00E-04			mg/L
Nickel	23/75	7.76E-01			mg/L
Nitrate as Nitrogen	10/32	3.80E+00			mg/L
Nitrate/Nitrite	2/4	2.20E-01			mg/L
Potassium	38/69	2.46E+01			mg/L
Selenium	3/38	4.90E-03			mg/L
Silica	49/50	5.02E+02			mg/L
Silver	1/31	2.20E-03			mg/L
Sodium	72/72	2.05E+02			mg/L
Strontium	30/38	2.33E+00			mg/L
Sulfate	3/3	1.98E+03			mg/L
Sulfide	2/4	2.40E+00			mg/L
Tetraoxo-sulfate(1-)	29/29	4.87E+03			mg/L
Tin	1/4	1.05E-02			mg/L

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Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=k MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Total Phosphate as Phosphorus	1/3	3.40E-01			mg/L
Uranium	48/77	1.40E-02			mg/L
Vanadium	15/17	3.07E-01			mg/L
Zinc	23/40	1.99E+00			mg/L
1,1,1-Trichloroethane	3/70	4.40E-02			mg/L
1,1-Dichloroethane	11/70	1.40E-01			mg/L
1,1-Dichloroethene	11/70	4.60E-01			mg/L
1,2-Dichloroethene	2/9	3.30E-01			mg/L
Acetone	1/9	1.00E-01			mg/L
Di-n-butyl phthalate	1/10	1.40E-02			mg/L
Methylene chloride	8/9	1.10E-02			mg/L
Naphthalene	1/10	7.00E-02			mg/L
Phenanthrene	1/10	2.00E-03			mg/L
Trichloroethene	22/81	6.00E-01			mg/L
Vinyl chloride	1/70	1.50E-02			mg/L
cis-1,2-Dichloroethene	32/62	4.20E+00			mg/L
Alpha activity	72/93	5.99E+01			pCi/L
Beta activity	78/93	1.60E+02			pCi/L
Neptunium-237	3/8	5.50E-01			pCi/L
Plutonium-238	1/1	1.00E-01			pCi/L
Plutonium-239	1/8	1.00E-01			pCi/L
Plutonium-242	1/1	1.83E-02			pCi/L
Radium-226	5/6	8.00E-01			pCi/L
Radon-222	30/30	1.31E+03			pCi/L
Technetium-99	67/93	1.88E+02			pCi/L
Thorium-228	1/1	7.80E-01			pCi/L
Thorium-230	7/8	7.90E-01			pCi/L
Thorium-232	1/1	6.40E-01			pCi/L
Uranium-234	11/14	8.44E+00			pCi/L
Uranium-235	5/11	6.10E-01			pCi/L
Uranium-238	12/14	8.72E+00			pCi/L

AREA_CODE=k MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Alpha activity	25/27	6.00E+00			pCi/L
Beta activity	25/27	1.20E+01			pCi/L
Radon-222	5/6	5.76E+02	6.26E+02	No	pCi/L
Technetium-99	8/31	2.10E+01			pCi/L

AREA_CODE=l MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	7/44	1.50E+00	6.87E-01	Yes	mg/L
Antimony	1/26	1.85E-01	6.00E-02	Yes	mg/L
Barium	17/18	1.70E-01	2.96E-01	No	mg/L
Calcium	48/48	2.76E+01	3.89E+01	No	mg/L
Chloride	45/45	5.51E+01	1.97E+01	Yes	mg/L
Copper	2/18	2.00E-02	5.70E-02	No	mg/L
Fluoride	25/25	1.80E-01	3.30E-01	No	mg/L
Iron	47/48	1.66E+01	1.84E+01	No	mg/L

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Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=1 MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Magnesium	48/48	1.23E+01	1.34E+01	No	mg/L
Manganese	47/48	9.11E-01	9.41E-01	No	mg/L
Nitrate as Nitrogen	1/45	5.60E+00	1.47E+00	Yes	mg/L
Potassium	25/44	1.23E+01	5.58E+01	No	mg/L
Silica	35/35	3.40E+01	2.60E+01	Yes	mg/L
Sodium	48/48	3.81E+01	2.92E+01	Yes	mg/L
Tetraoxo-sulfate(1-)	27/41	2.89E+01			mg/L
Thallium	1/8	1.02E+00	6.44E-01	Yes	mg/L
Vanadium	5/8	6.60E-02	1.26E-01	No	mg/L
Zinc	14/18	1.90E-01	1.42E-01	Yes	mg/L
Trichloroethene	5/58	9.60E+00			mg/L
Alpha activity	41/50	7.30E+00			pCi/L
Beta activity	49/50	1.48E+03			pCi/L
Neptunium-237	6/10	4.00E-01	5.00E-01	No	pCi/L
Plutonium-238	1/2	5.00E-02			pCi/L
Plutonium-239	1/7	1.00E-01			pCi/L
Radium-226	8/9	8.60E-01	1.20E+00	No	pCi/L
Radon-222	44/44	2.91E+02	2.95E+02	No	pCi/L
Technetium-99	39/58	1.95E+03	2.06E+01	Yes	pCi/L
Thorium-230	6/9	8.00E-01			pCi/L

AREA_CODE=1 MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Methylene chloride	1/1	5.00E-03			mg/L

AREA_CODE=1 MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	177/395	1.43E+02	2.19E+00	Yes	mg/L
Arsenic	34/576	1.40E-01	5.00E-03	Yes	mg/L
Barium	242/252	2.20E+00	2.35E-01	Yes	mg/L
Beryllium	12/255	1.40E-02	4.00E-03	Yes	mg/L
Cadmium	6/590	2.13E-01	1.00E-02	Yes	mg/L
Calcium	485/485	4.87E+01	4.12E+01	Yes	mg/L
Chloride	452/452	5.86E+02	9.10E+01	Yes	mg/L
Chromium	85/585	8.62E+00	1.44E-01	Yes	mg/L
Cobalt	11/249	9.00E-02	4.50E-02	Yes	mg/L
Copper	26/260	1.31E-01	3.60E-02	Yes	mg/L
Fluoride	210/317	7.20E+00	2.70E-01	Yes	mg/L
Iron	360/490	7.20E+02	5.03E+00	Yes	mg/L
Lead	21/490	4.32E-01	1.29E-01	Yes	mg/L
Magnesium	491/491	4.72E+01	1.63E+01	Yes	mg/L
Manganese	345/482	8.20E+00	1.19E-01	Yes	mg/L
Mercury	1/472	3.00E-04	2.00E-04	Yes	mg/L
Molybdenum	5/165	1.00E-01	5.00E-02	Yes	mg/L
Nickel	94/266	6.73E-01	6.82E-01	No	mg/L
Nitrate as Nitrogen	273/438	3.93E+01	1.56E+01	Yes	mg/L
Nitrate/Nitrite	6/6	9.40E+00	1.56E+01	No	mg/L
Potassium	77/445	2.44E+01	5.20E+00	Yes	mg/L
Selenium	5/489	4.76E-01	5.00E-03	Yes	mg/L

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.able 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=1 MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Silica	243/243	4.50E+01	2.64E+01	Yes	mg/L
Silver	2/124	5.70E-03			mg/L
Sodium	490/490	2.66E+02	5.95E+01	Yes	mg/L
Strontium	3/3	3.33E-01			mg/L
Sulfate	31/31	4.20E+01	1.99E+01	Yes	mg/L
Tetraoxo-sulfate(1-)	399/417	2.24E+02			mg/L
Thallium	1/143	2.38E-01	5.60E-02	Yes	mg/L
Tin	4/14	8.00E-01			mg/L
Total Phosphate as Phosphorus	12/268	3.49E+01			mg/L
Uranium	28/622	1.90E-01	2.00E-03	Yes	mg/L
Vanadium	109/150	9.50E-01	1.34E-01	Yes	mg/L
Zinc	100/262	1.00E+00	5.40E-02	Yes	mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	2/4	5.70E-03			mg/L
1,1,2-Trichloroethane	1/659	2.00E-03			mg/L
1,1-Dichloroethane	1/602	4.10E-03			mg/L
1,1-Dichloroethene	4/604	6.50E-02			mg/L
1,2-Dichloroethane	1/667	1.10E-03			mg/L
4-Methyl-2-pentanone	1/22	2.50E-03			mg/L
Acetone	4/24	2.30E-02			mg/L
Bis(2-ethylhexyl)phthalate	2/12	2.00E-03			mg/L
Butyl benzyl phthalate	1/12	1.00E-03			mg/L
Carbon tetrachloride	4/668	1.60E-01			mg/L
Chlorobenzene	1/22	2.00E-03			mg/L
Chloroform	6/666	1.40E-02			mg/L
Di-n-butyl phthalate	2/12	2.10E-02			mg/L
Dimethylbenzene	1/627	2.20E+00			mg/L
Ethane	8/15	1.97E-01			mg/L
Ethylbenzene	1/628	8.70E-01			mg/L
Ethylene	8/15	4.17E+00			mg/L
Methylene chloride	8/22	1.30E-01			mg/L
Tetrachloroethene	7/689	3.20E-01			mg/L
Toluene	3/628	1.10E-02			mg/L
Trichloroethene	816/1E3	4.60E+02			mg/L
Vinyl chloride	2/680	6.30E+00			mg/L
cis-1,2-Dichloroethene	25/670	4.20E+00			mg/L
trans-1,2-Dichloroethene	4/666	1.20E+00			mg/L
Alpha activity	606/885	6.59E+01			pCi/L
Americium-241	13/21	3.50E+00			pCi/L
Beta activity	794/885	9.83E+03			pCi/L
Cesium-137	9/36	2.07E+01			pCi/L
Cobalt-60	8/11	2.30E+00			pCi/L
Neptunium-237	36/58	1.44E+01	8.00E-01	Yes	pCi/L
Plutonium-238	9/13	7.00E-02			pCi/L
Plutonium-239	12/38	2.00E-01	1.00E-01	Yes	pCi/L
Plutonium-239/240	5/7	3.06E-02			pCi/L
Radium-226	40/45	7.39E+02	6.00E-01	Yes	pCi/L
Radon-222	311/311	9.48E+03	6.26E+02	Yes	pCi/L
Technetium-99	1E3/2E3	1.67E+04	2.23E+01	Yes	pCi/L
Thorium-230	41/52	4.70E+00	1.10E+00	Yes	pCi/L
Uranium-234	24/32	2.00E+02	7.00E-01	Yes	pCi/L
Uranium-235	10/22	9.96E+00	3.00E-01	Yes	pCi/L
Uranium-235/236	8/10	3.50E-01	3.00E-01	Yes	pCi/L
Uranium-238	21/29	2.11E+02	7.00E-01	Yes	pCi/L

Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	129/151	6.24E+01			mg/L
Ammonia as Nitrogen	2/4	1.60E-01			mg/L
Antimony	3/133	2.79E-02			mg/L
Arsenic	69/263	4.53E-01			mg/L
Barium	126/134	8.88E-01			mg/L
Beryllium	5/127	1.70E-03			mg/L
Cadmium	6/269	1.80E-02			mg/L
Calcium	164/164	3.78E+02			mg/L
Chloride	161/162	6.29E+02			mg/L
Chromium	46/262	1.36E+00			mg/L
Cobalt	9/125	6.76E-02			mg/L
Copper	16/127	3.30E-02			mg/L
Cyanide	2/9	1.00E-02			mg/L
Fluoride	85/134	2.40E+00			mg/L
Iron	158/170	3.44E+02			mg/L
Kjeldahl Nitrogen	3/4	8.95E+00			mg/L
Lead	10/193	1.38E+00			mg/L
Magnesium	173/173	9.40E+01			mg/L
Manganese	143/168	2.70E+01			mg/L
Mercury	2/180	3.00E-04			mg/L
Molybdenum	1/105	1.00E-02			mg/L
Nickel	48/137	2.30E+00			mg/L
Nitrate as Nitrogen	40/150	2.69E+01			mg/L
Nitrate/Nitrite	7/9	9.38E+00			mg/L
Orthophosphate	3/3	1.60E-01			mg/L
Potassium	32/165	2.98E+01			mg/L
Selenium	9/183	1.60E-02			mg/L
Silica	87/87	7.90E+01			mg/L
Silver	3/27	5.00E-03			mg/L
Sodium	173/173	2.81E+02			mg/L
Strontium	9/10	1.64E+00			mg/L
Sulfate	17/18	2.19E+02			mg/L
Sulfide	3/4	6.40E+01			mg/L
Tetraoxo-sulfate(1-)	138/143	6.95E+02			mg/L
Thallium	2/108	9.10E-02			mg/L
Tin	1/5	2.60E-02			mg/L
Uranium	41/226	1.30E-01			mg/L
Vanadium	94/110	7.11E-01			mg/L
Zinc	66/128	9.90E-02			mg/L
1,1,1-Trichloroethane	2/106	1.60E-02			mg/L
1,1-Dichloroethane	3/108	1.20E-02			mg/L
1,1-Dichloroethene	10/125	2.00E-01			mg/L
1,2-Dichloroethane	1/152	2.00E-03			mg/L
1,2-Dichloroethene	2/10	1.40E-02			mg/L
2,4-Dichlorophenol	1/10	4.00E-04			mg/L
2,4-Dimethylphenol	1/10	4.40E-03			mg/L
4-Methyl-2-pentanone	1/13	1.90E-03			mg/L
4-Methylphenol	1/10	2.10E-04			mg/L
Acetone	1/14	5.20E-03			mg/L
Benzene	3/189	7.80E-03			mg/L
Bis(2-ethylhexyl)phthalate	1/10	1.00E-03			mg/L
Chloroethane	1/17	8.20E-01			mg/L
Chloroform	7/153	1.70E-02			mg/L
Di-n-butyl phthalate	3/10	9.80E-04			mg/L
Diethyl phthalate	1/10	8.50E-04			mg/L
Dimethylbenzene	13/189	2.80E+00			mg/L
Ethane	3/5	3.03E-01			mg/L
Ethylbenzene	15/190	1.50E+00			mg/L
Ethylene	3/5	3.96E+00			mg/L
Fluorene	1/17	7.00E-03			mg/L

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Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=l MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Isophorone	1/10	6.60E-03			mg/L
Methylene chloride	6/13	1.80E-02			mg/L
Naphthalene	1/17	4.70E-02			mg/L
Phenanthrene	1/17	5.00E-03			mg/L
Toluene	1/188	1.80E-02			mg/L
Trichloroethene	314/470	3.10E+03			mg/L
Vinyl chloride	34/168	5.00E+00			mg/L
cis-1,2-Dichloroethene	58/158	4.90E+00			mg/L
trans-1,2-Dichloroethene	3/157	5.00E-01			mg/L
Alpha activity	288/344	5.75E+01			pCi/L
Americium-241	2/5	3.40E-01			pCi/L
Beta activity	314/344	1.26E+03			pCi/L
Cobalt-60	2/3	1.20E+00			pCi/L
Neptunium-237	10/16	2.37E+00			pCi/L
Plutonium-238	3/4	1.10E-01			pCi/L
Plutonium-239	5/13	7.60E-01			pCi/L
Plutonium-239/240	1/1	2.07E-02			pCi/L
Radium-226	2/5	6.00E-01			pCi/L
Radon-222	44/44	2.05E+03			pCi/L
Technetium-99	459/496	1.01E+03			pCi/L
Thorium-228	2/2	6.40E-01			pCi/L
Thorium-230	13/15	8.00E-01			pCi/L
Thorium-232	2/2	4.90E-01			pCi/L
Uranium-234	14/16	1.84E+01			pCi/L
Uranium-235	6/9	1.22E+00			pCi/L
Uranium-235/236	4/5	8.00E-02			pCi/L
Uranium-238	13/14	4.19E+01			pCi/L

AREA_CODE=m MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	23/66	9.04E+01	6.87E-01	Yes	mg/L
Arsenic	4/41	8.54E-02	5.00E-03	Yes	mg/L
Barium	34/41	6.70E-01	2.96E-01	Yes	mg/L
Beryllium	1/41	1.70E-02	1.70E-02	Yes	mg/L
Cadmium	1/41	2.10E-02	1.00E-02	Yes	mg/L
Calcium	71/71	1.18E+02	3.89E+01	Yes	mg/L
Chloride	68/68	3.40E+01	1.97E+01	Yes	mg/L
Chromium	2/33	2.32E-01	6.00E-02	Yes	mg/L
Cobalt	1/41	1.21E-01	9.60E-02	Yes	mg/L
Copper	4/41	1.63E-01	5.70E-02	Yes	mg/L
Fluoride	46/46	3.90E-01	3.30E-01	Yes	mg/L
Iron	69/71	1.79E+02	1.84E+01	Yes	mg/L
Magnesium	71/71	6.46E+01	1.34E+01	Yes	mg/L
Manganese	71/71	3.91E+00	9.41E-01	Yes	mg/L
Mercury	1/24	4.50E-03	2.00E-04	Yes	mg/L
Molybdenum	1/36	3.15E-01	5.00E-02	Yes	mg/L
Nickel	2/41	1.09E-01	1.09E-01	Yes	mg/L
Nitrate as Nitrogen	4/68	2.30E+00			mg/L
Potassium	53/69	8.61E+01	5.58E+01	Yes	mg/L
Silica	56/56	5.80E+01	2.60E+01	Yes	mg/L
Sodium	71/71	7.65E+01	2.92E+01	Yes	mg/L
Sulfate	4/4	1.17E+03	2.89E+01	Yes	mg/L
Tetraoxo-sulfate(1-)	59/59	1.97E+01			mg/L
Thallium	2/24	1.23E-01	6.44E-01	No	mg/L

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Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=m MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Total Phosphate as Phosphorus	1/35	5.20E+00			mg/L
Uranium	4/49	1.80E-02	1.00E-03	Yes	mg/L
Vanadium	16/24	8.36E-01	1.26E-01	Yes	mg/L
Zinc	19/41	5.64E-01	1.42E-01	Yes	mg/L
Trichloroethene	5/96	7.00E-03			mg/L
Alpha activity	83/95	1.07E+02			pCi/L
Beta activity	95/95	2.36E+02			pCi/L
Neptunium-237	6/17	5.00E-01	5.00E-01	Yes	pCi/L
Plutonium-239	3/17	2.00E-01	2.00E-01	Yes	pCi/L
Radium-226	11/13	1.30E+00	1.20E+00	Yes	pCi/L
Radon-222	54/54	3.91E+02	2.95E+02	Yes	pCi/L
Technetium-99	74/100	5.30E+01	2.06E+01	Yes	pCi/L
Thorium-230	10/17	2.30E+00	1.50E+00	Yes	pCi/L

AREA_CODE=m MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	61/83	8.77E+01			mg/L
Ammonia as Nitrogen	1/3	6.23E+00			mg/L
Antimony	3/68	6.40E-02			mg/L
Arsenic	5/103	2.10E-02			mg/L
Barium	67/103	2.78E-01			mg/L
Beryllium	6/68	6.28E-02			mg/L
Cadmium	1/103	1.60E-02			mg/L
Calcium	65/65	4.39E+02			mg/L
Chloride	63/63	7.74E+01			mg/L
Chromium	11/65	9.40E-02			mg/L
Cobalt	11/68	1.01E+00			mg/L
Copper	18/67	4.80E-02			mg/L
Fluoride	51/59	2.90E+00			mg/L
Iron	82/100	1.23E+03			mg/L
Kjeldahl Nitrogen	3/4	1.38E+00			mg/L
Lead	14/100	1.78E+00			mg/L
Magnesium	100/100	1.72E+02			mg/L
Manganese	82/100	6.00E+01			mg/L
Mercury	2/61	3.80E-03			mg/L
Nickel	25/103	7.76E-01			mg/L
Nitrate as Nitrogen	35/60	4.60E+00			mg/L
Nitrate/Nitrite	2/4	2.20E-01			mg/L
Potassium	39/97	2.46E+01			mg/L
Selenium	3/66	4.90E-03			mg/L
Silica	77/78	5.02E+02			mg/L
Silver	1/31	2.20E-03			mg/L
Sodium	100/100	2.05E+02			mg/L
Strontium	30/38	2.33E+00			mg/L
Sulfate	3/3	1.98E+03			mg/L
Sulfide	2/4	2.40E+00			mg/L
Tetraoxo-sulfate(1-)	48/48	4.87E+03			mg/L
Thallium	1/45	7.50E-02			mg/L
Tin	1/4	1.05E-02			mg/L
Total Phosphate as Phosphorus	1/3	3.40E-01			mg/L
Uranium	48/103	1.40E-02			mg/L
Vanadium	33/45	4.98E+00			mg/L
Zinc	36/68	1.99E+00			mg/L
1,1,1-Trichloroethane	3/71	4.40E-02			mg/L

.able 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
1,1-Dichloroethane	11/71	1.40E-01			mg/L
1,1-Dichloroethene	11/71	4.60E-01			mg/L
1,2-Dichloroethene	2/9	3.30E-01			mg/L
Acetone	1/9	1.00E-01			mg/L
Di-n-butyl phthalate	1/10	1.40E-02			mg/L
Methylene chloride	8/9	1.10E-02			mg/L
Naphthalene	1/10	7.00E-02			mg/L
Phenanthrene	1/10	2.00E-03			mg/L
Trichloroethene	22/110	6.00E-01			mg/L
Vinyl chloride	1/71	1.50E-02			mg/L
cis-1,2-Dichloroethene	32/63	4.20E+00			mg/L
Alpha activity	93/121	5.99E+01			pCi/L
Beta activity	106/121	1.60E+02			pCi/L
Neptunium-237	13/36	8.00E-01			pCi/L
Plutonium-238	1/1	1.00E-01			pCi/L
Plutonium-239	7/35	1.00E-01			pCi/L
Plutonium-242	1/1	1.83E-02			pCi/L
Radium-226	24/30	9.00E-01			pCi/L
Radon-222	58/58	5.29E+03			pCi/L
Technetium-99	87/121	1.88E+02			pCi/L
Thorium-228	1/1	7.80E-01			pCi/L
Thorium-230	30/36	1.60E+00			pCi/L
Thorium-232	1/1	6.40E-01			pCi/L
Uranium-234	11/14	8.44E+00			pCi/L
Uranium-235	5/11	6.10E-01			pCi/L
Uranium-238	12/14	8.72E+00			pCi/L

AREA_CODE=m MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	263/594	4.85E+01	2.19E+00	Yes	mg/L
Antimony	6/782	2.73E-01	6.00E-02	Yes	mg/L
Arsenic	23/788	3.60E-02	5.00E-03	Yes	mg/L
Barium	758/784	2.70E+00	2.35E-01	Yes	mg/L
Beryllium	31/719	8.00E-03	4.00E-03	Yes	mg/L
Bicarbonate	3/3	2.37E+02			mg/L
Boron	34/48	1.54E+00			mg/L
Cadmium	13/799	3.42E-01	1.00E-02	Yes	mg/L
Calcium	678/679	1.34E+02	4.12E+01	Yes	mg/L
Cerium	24/48	8.00E-02			mg/L
Chloride	976/979	1.62E+02	9.10E+01	Yes	mg/L
Chromium	260/783	2.51E+01	1.44E-01	Yes	mg/L
Cobalt	38/720	8.40E-02	4.50E-02	Yes	mg/L
Copper	88/794	1.87E+00	3.60E-02	Yes	mg/L
Fluoride	508/524	7.10E-01	2.70E-01	Yes	mg/L
Gallium	24/48	9.00E-02			mg/L
Iron	779/1E3	2.91E+02	5.03E+00	Yes	mg/L
Lead	13/588	1.29E-01	1.29E-01	Yes	mg/L
Lithium	24/48	8.00E-02			mg/L
Magnesium	681/681	3.49E+01	1.63E+01	Yes	mg/L
Manganese	374/680	1.49E+01	1.19E-01	Yes	mg/L
Mercury	2/576	3.00E-04	2.00E-04	Yes	mg/L
Molybdenum	27/344	2.86E-01	5.00E-02	Yes	mg/L
Nickel	230/794	1.89E+00	6.82E-01	Yes	mg/L
Nitrate as Nitrogen	843/966	3.83E+01	1.56E+01	Yes	mg/L

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Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=m MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Potassium	186/638	4.41E+01	5.20E+00	Yes	mg/L
Selenium	3/602	9.00E-03	5.00E-03	Yes	mg/L
Silica	325/326	5.20E+01	2.64E+01	Yes	mg/L
Silver	16/569	3.90E-01	1.10E-02	Yes	mg/L
Sodium	1E3/1E3	7.86E+01	5.95E+01	Yes	mg/L
Strontium	54/54	1.70E-01			mg/L
Sulfate	119/136	7.42E+02	1.99E+01	Yes	mg/L
Tetraoxo-sulfate(1-)	539/552	3.98E+02			mg/L
Thallium	5/557	1.35E-01	5.60E-02	Yes	mg/L
Thorium	24/48	5.00E-02			mg/L
Titanium	27/48	2.20E-01			mg/L
Total Phosphate as Phosphorus	3/289	2.80E+00			mg/L
Uranium	25/823	2.40E-02	2.00E-03	Yes	mg/L
Vanadium	262/567	4.28E-01	1.34E-01	Yes	mg/L
Zinc	251/794	5.30E+00	5.40E-02	Yes	mg/L
Zirconium	24/48	2.00E-02			mg/L
1,1,1-Trichloroethane	1/1E3	4.00E-03			mg/L
1,1-Dichloroethene	3/1E3	2.00E-02			mg/L
1,2-Dichlorobenzene	1/343	5.70E-05			mg/L
1,2-Dichloroethene	5/36	1.40E-02			mg/L
1,3,5-Trimethylbenzene	1/1	2.00E-04			mg/L
1,4-Dichlorobenzene	1/343	6.20E-05			mg/L
2-Butanone	45/382	1.70E-01			mg/L
4-Bromofluorobenzene	2/2	9.40E-02			mg/L
4-Methyl-2-pentanone	2/411	1.70E-02			mg/L
Acetone	54/382	9.90E-02			mg/L
Acrylonitrile	1/378	1.00E-02			mg/L
Benzene	2/1E3	1.00E-03			mg/L
Bis(2-ethylhexyl)phthalate	5/23	2.80E-02			mg/L
Bromomethane	3/413	1.00E-03			mg/L
Carbazole	1/3	1.20E-02			mg/L
Carbon tetrachloride	2/1E3	6.00E-04			mg/L
Chlorobenzene	2/413	1.00E-03			mg/L
Chloroethane	1/418	1.00E-03			mg/L
Chloroform	10/1E3	2.00E-03			mg/L
Chloromethane	14/411	2.00E-03			mg/L
Chrysene	1/23	6.00E-04			mg/L
Di-n-butyl phthalate	2/23	1.00E-02			mg/L
Dichlorodifluoromethane	1/404	7.40E-05			mg/L
Diethyl phthalate	1/23	1.10E-02			mg/L
Dimethylbenzene	3/1E3	6.00E-03			mg/L
Ethanol	7/340	3.50E-01			mg/L
Ethylbenzene	1/1E3	1.00E-03			mg/L
Methylene chloride	39/413	1.80E-02			mg/L
PCB-1254	1/20	9.00E-04			mg/L
Polychlorinated biphenyl	1/99	1.00E-04			mg/L
Tetrachloroethene	4/1E3	2.00E-03			mg/L
Toluene	15/1E3	9.00E-03			mg/L
Trichloroethene	966/1E3	1.67E+02			mg/L
Trichlorofluoromethane	7/404	2.00E-03			mg/L
Vinyl chloride	1/1E3	1.00E-03			mg/L
cis-1,2-Dichloroethene	20/1E3	2.20E-02			mg/L
m,p-Xylene	3/12	1.50E-04			mg/L
trans-1,2-Dichloroethene	4/1E3	5.00E-03			mg/L
trans-1,3-Dichloropropene	1/413	1.70E-04			mg/L
Alpha activity	1E3/2E3	1.88E+02			pCi/L
Americium-241	3/8	8.00E-01			pCi/L
Beta activity	2E3/2E3	1.81E+03			pCi/L
Cesium-137	5/8	6.00E-01			pCi/L

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Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=m MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Cobalt-60	6/8	1.20E+00			pCi/L
Neptunium-237	28/48	8.00E-01	8.00E-01	Yes	pCi/L
Plutonium-239	9/48	2.00E-01	1.00E-01	Yes	pCi/L
Radium-226	20/27	1.30E+00	6.00E-01	Yes	pCi/L
Radon-222	498/499	1.97E+03	6.26E+02	Yes	pCi/L
Technetium-99	1E3/2E3	2.11E+03	2.23E+01	Yes	pCi/L
Thorium-230	38/47	1.60E+00	1.10E+00	Yes	pCi/L
Thorium-234	1/1	6.00E-01			pCi/L

AREA_CODE=m MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	37/50	8.00E+01			mg/L
Antimony	4/44	2.35E-01			mg/L
Arsenic	12/63	5.70E-02			mg/L
Barium	59/63	1.19E+00			mg/L
Cadmium	2/67	1.90E-02			mg/L
Calcium	60/61	1.28E+02			mg/L
Chloride	79/82	2.13E+02			mg/L
Chromium	7/67	1.46E-01			mg/L
Cobalt	1/43	6.60E-02			mg/L
Copper	34/67	1.32E+00			mg/L
Fluoride	53/60	8.90E+00			mg/L
Iron	81/89	6.80E+01			mg/L
Lead	5/50	2.35E-01			mg/L
Magnesium	60/61	4.37E+01			mg/L
Manganese	37/61	8.06E+00			mg/L
Mercury	3/46	5.00E-04			mg/L
Nickel	12/66	5.95E-01			mg/L
Nitrate	1/1	2.10E+00			mg/L
Nitrate as Nitrogen	37/77	7.80E+00			mg/L
Potassium	14/55	1.36E+01			mg/L
Selenium	1/50	5.00E-03			mg/L
Silica	48/48	4.30E+01			mg/L
Silver	1/38	4.50E-02			mg/L
Sodium	85/86	1.49E+02			mg/L
Sulfate	13/13	1.90E+02			mg/L
Tetraoxo-sulfate(1-)	62/62	3.76E+02			mg/L
Thallium	1/31	8.20E-03			mg/L
Uranium	36/82	6.40E-01			mg/L
Vanadium	27/33	7.60E-01			mg/L
Zinc	48/66	1.88E+00			mg/L
2-Butanone	3/29	7.00E-03			mg/L
Acetone	4/29	1.50E-02			mg/L
Benzene	1/80	5.00E-03			mg/L
Bromodichloromethane	1/82	9.00E-03			mg/L
Chloroform	3/83	2.40E-02			mg/L
Dibromochloromethane	1/30	2.00E-03			mg/L
Dichlorodifluoromethane	3/28	6.00E-03			mg/L
Ethanol	3/28	2.40E-02			mg/L
Methylene chloride	10/29	1.30E-02			mg/L
Trichloroethene	13/153	5.60E-02			mg/L
Alpha activity	117/145	3.49E+02			pCi/L
Beta activity	136/145	1.00E+03			pCi/L
Cesium-137	3/4	9.00E-01			pCi/L

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Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=m MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Cobalt-60	4/4	1.40E+00			pCi/L
Neptunium-237	2/7	2.00E-01			pCi/L
Plutonium-239	1/7	2.00E-01			pCi/L
Radium-226	7/10	1.60E+00			pCi/L
Radon-222	35/35	6.95E+02			pCi/L
Technetium-99	124/155	3.39E+02			pCi/L
Thorium-230	3/7	4.00E-01			pCi/L

AREA_CODE=n MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	30/110	9.04E+01	6.87E-01	Yes	mg/L
Antimony	1/76	1.85E-01	6.00E-02	Yes	mg/L
Arsenic	4/59	8.54E-02	5.00E-03	Yes	mg/L
Barium	51/59	6.70E-01	2.96E-01	Yes	mg/L
Beryllium	1/59	1.70E-02	1.70E-02	Yes	mg/L
Cadmium	1/59	2.10E-02	1.00E-02	Yes	mg/L
Calcium	119/119	1.18E+02	3.89E+01	Yes	mg/L
Chloride	113/113	5.51E+01	1.97E+01	Yes	mg/L
Chromium	2/49	2.32E-01	6.00E-02	Yes	mg/L
Cobalt	1/59	1.21E-01	9.60E-02	Yes	mg/L
Copper	6/59	1.63E-01	5.70E-02	Yes	mg/L
Fluoride	71/71	3.90E-01	3.30E-01	Yes	mg/L
Iron	116/119	1.79E+02	1.84E+01	Yes	mg/L
Magnesium	119/119	6.46E+01	1.34E+01	Yes	mg/L
Manganese	118/119	3.91E+00	9.41E-01	Yes	mg/L
Mercury	1/41	4.50E-03	2.00E-04	Yes	mg/L
Molybdenum	1/50	3.15E-01	5.00E-02	Yes	mg/L
Nickel	2/59	1.09E-01	1.09E-01	Yes	mg/L
Nitrate as Nitrogen	5/113	5.60E+00	1.47E+00	Yes	mg/L
Potassium	78/113	8.61E+01	5.58E+01	Yes	mg/L
Silica	91/91	5.80E+01	2.60E+01	Yes	mg/L
Sodium	119/119	7.65E+01	2.92E+01	Yes	mg/L
Sulfate	4/5	1.17E+03	2.89E+01	Yes	mg/L
Tetraoxo-sulfate(1-)	86/100	2.89E+01			mg/L
Thallium	3/32	1.02E+00	6.44E-01	Yes	mg/L
Total Phosphate as Phosphorus	1/70	5.20E+00			mg/L
Uranium	4/68	1.80E-02	1.00E-03	Yes	mg/L
Vanadium	21/32	8.36E-01	1.26E-01	Yes	mg/L
Zinc	33/59	5.64E-01	1.42E-01	Yes	mg/L
Trichloroethene	10/154	9.60E+00			mg/L
Alpha activity	124/145	1.07E+02			pCi/L
Beta activity	144/145	1.48E+03			pCi/L
Neptunium-237	12/27	5.00E-01	5.00E-01	Yes	pCi/L
Plutonium-238	1/2	5.00E-02			pCi/L
Plutonium-239	4/24	2.00E-01	2.00E-01	Yes	pCi/L
Radium-226	19/22	1.30E+00	1.20E+00	Yes	pCi/L
Radon-222	98/98	3.91E+02	2.95E+02	Yes	pCi/L
Technetium-99	113/158	1.95E+03	2.06E+01	Yes	pCi/L
Thorium-230	16/26	2.30E+00	1.50E+00	Yes	pCi/L

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Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=n MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	61/83	8.77E+01			mg/L
Ammonia as Nitrogen	1/3	6.23E+00			mg/L
Antimony	3/68	6.40E-02			mg/L
Arsenic	5/103	2.10E-02			mg/L
Barium	67/103	2.78E-01			mg/L
Beryllium	6/68	6.28E-02			mg/L
Cadmium	1/103	1.60E-02			mg/L
Calcium	65/65	4.39E+02			mg/L
Chloride	63/63	7.74E+01			mg/L
Chromium	11/65	9.40E-02			mg/L
Cobalt	11/68	1.01E+00			mg/L
Copper	18/67	4.80E-02			mg/L
Fluoride	51/59	2.90E+00			mg/L
Iron	82/100	1.23E+03			mg/L
Kjeldahl Nitrogen	3/4	1.38E+00			mg/L
Lead	14/100	1.78E+00			mg/L
Magnesium	100/100	1.72E+02			mg/L
Manganese	82/100	6.00E+01			mg/L
Mercury	2/61	3.80E-03			mg/L
Nickel	25/103	7.76E-01			mg/L
Nitrate as Nitrogen	35/60	4.60E+00			mg/L
Nitrate/Nitrite	2/4	2.20E-01			mg/L
Potassium	39/97	2.46E+01			mg/L
Selenium	3/66	4.90E-03			mg/L
Silica	77/78	5.02E+02			mg/L
Silver	1/31	2.20E-03			mg/L
Sodium	100/100	2.05E+02			mg/L
Strontium	30/38	2.33E+00			mg/L
Sulfate	3/3	1.98E+03			mg/L
Sulfide	2/4	2.40E+00			mg/L
Tetraoxo-sulfate(1-)	48/48	4.87E+03			mg/L
Thallium	1/45	7.50E-02			mg/L
Tin	1/4	1.05E-02			mg/L
Total Phosphate as Phosphorus	1/3	3.40E-01			mg/L
Uranium	48/103	1.40E-02			mg/L
Vanadium	33/45	4.98E+00			mg/L
Zinc	36/68	1.99E+00			mg/L
1,1,1-Trichloroethane	3/72	4.40E-02			mg/L
1,1-Dichloroethane	11/72	1.40E-01			mg/L
1,1-Dichloroethene	11/72	4.60E-01			mg/L
1,2-Dichloroethene	2/10	3.30E-01			mg/L
Acetone	1/10	1.00E-01			mg/L
Di-n-butyl phthalate	1/10	1.40E-02			mg/L
Methylene chloride	9/10	1.10E-02			mg/L
Naphthalene	1/10	7.00E-02			mg/L
Phenanthrene	1/10	2.00E-03			mg/L
Trichloroethene	22/111	6.00E-01			mg/L
Vinyl chloride	1/72	1.50E-02			mg/L
cis-1,2-Dichloroethene	32/63	4.20E+00			mg/L
Alpha activity	93/121	5.99E+01			pCi/L
Beta activity	106/121	1.60E+02			pCi/L
Neptunium-237	13/36	8.00E-01			pCi/L
Plutonium-238	1/1	1.00E-01			pCi/L
Plutonium-239	7/35	1.00E-01			pCi/L
Plutonium-242	1/1	1.83E-02			pCi/L
Radium-226	24/30	9.00E-01			pCi/L
Radon-222	58/58	5.29E+03			pCi/L
Technetium-99	87/121	1.88E+02			pCi/L
Thorium-228	1/1	7.80E-01			pCi/L
Thorium-230	30/36	1.60E+00			pCi/L

Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=n MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Thorium-232	1/1	6.40E-01			pCi/L
Uranium-234	11/14	8.44E+00			pCi/L
Uranium-235	5/11	6.10E-01			pCi/L
Uranium-238	12/14	8.72E+00			pCi/L

AREA_CODE=n MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	440/989	1.43E+02	2.19E+00	Yes	mg/L
Antimony	6/1E3	2.73E-01	6.00E-02	Yes	mg/L
Arsenic	57/1E3	1.40E-01	5.00E-03	Yes	mg/L
Barium	1E3/1E3	2.70E+00	2.35E-01	Yes	mg/L
Beryllium	43/974	1.40E-02	4.00E-03	Yes	mg/L
Bicarbonate	3/3	2.37E+02			mg/L
Boron	34/48	1.54E+00			mg/L
Cadmium	19/1E3	3.42E-01	1.00E-02	Yes	mg/L
Calcium	1E3/1E3	1.34E+02	4.12E+01	Yes	mg/L
Cerium	24/48	8.00E-02			mg/L
Chloride	1E3/1E3	5.86E+02	9.10E+01	Yes	mg/L
Chromium	345/1E3	2.51E+01	1.44E-01	Yes	mg/L
Cobalt	49/969	9.00E-02	4.50E-02	Yes	mg/L
Copper	114/1E3	1.87E+00	3.60E-02	Yes	mg/L
Fluoride	718/841	7.20E+00	2.70E-01	Yes	mg/L
Gallium	24/48	9.00E-02			mg/L
Iron	1E3/2E3	7.20E+02	5.03E+00	Yes	mg/L
Lead	34/1E3	4.32E-01	1.29E-01	Yes	mg/L
Lithium	24/48	8.00E-02			mg/L
Magnesium	1E3/1E3	4.72E+01	1.63E+01	Yes	mg/L
Manganese	719/1E3	1.49E+01	1.19E-01	Yes	mg/L
Mercury	3/1E3	3.00E-04	2.00E-04	Yes	mg/L
Molybdenum	32/509	2.86E-01	5.00E-02	Yes	mg/L
Nickel	324/1E3	1.89E+00	6.82E-01	Yes	mg/L
Nitrate as Nitrogen	1E3/1E3	3.93E+01	1.56E+01	Yes	mg/L
Nitrate/Nitrite	6/6	9.40E+00	1.56E+01	No	mg/L
Potassium	263/1E3	4.41E+01	5.20E+00	Yes	mg/L
Selenium	8/1E3	4.76E-01	5.00E-03	Yes	mg/L
Silica	568/569	5.20E+01	2.64E+01	Yes	mg/L
Silver	18/693	3.90E-01	1.10E-02	Yes	mg/L
Sodium	1E3/1E3	2.66E+02	5.95E+01	Yes	mg/L
Strontium	57/57	3.33E-01			mg/L
Sulfate	150/167	7.42E+02	1.99E+01	Yes	mg/L
Tetraoxo-sulfate(1-)	938/969	3.98E+02			mg/L
Thallium	6/700	2.38E-01	5.60E-02	Yes	mg/L
Thorium	24/48	5.00E-02			mg/L
Tin	4/41	8.00E-01			mg/L
Titanium	27/48	2.20E-01			mg/L
Total Phosphate as Phosphorus	15/557	3.49E+01			mg/L
Uranium	53/1E3	1.90E-01	2.00E-03	Yes	mg/L
Vanadium	371/717	9.50E-01	1.34E-01	Yes	mg/L
Zinc	351/1E3	5.30E+00	5.40E-02	Yes	mg/L
Zirconium	24/48	2.00E-02			mg/L
1,1,1-Trichloroethane	1/2E3	4.00E-03			mg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	2/55	5.70E-03			mg/L
1,1,2-Trichloroethane	1/2E3	2.00E-03			mg/L
1,1-Dichloroethane	1/2E3	4.10E-03			mg/L

Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
1,1-Dichloroethene	7/2E3	6.50E-02			mg/L
1,2-Dichlorobenzene	1/359	5.70E-05			mg/L
1,2-Dichloroethane	1/2E3	1.10E-03			mg/L
1,2-Dichloroethene	5/50	1.40E-02			mg/L
1,3,5-Trimethylbenzene	1/1	2.00E-04			mg/L
1,4-Dichlorobenzene	1/359	6.20E-05			mg/L
2-Butanone	45/404	1.70E-01			mg/L
4-Bromofluorobenzene	2/2	9.40E-02			mg/L
4-Methyl-2-pentanone	3/433	1.70E-02			mg/L
Acetone	58/406	9.90E-02			mg/L
Acrylonitrile	1/384	1.00E-02			mg/L
Benzene	2/2E3	1.00E-03			mg/L
Bis(2-ethylhexyl)phthalate	7/35	2.80E-02			mg/L
Bromomethane	3/436	1.00E-03			mg/L
Butyl benzyl phthalate	1/35	1.00E-03			mg/L
Carbazole	1/15	1.20E-02			mg/L
Carbon tetrachloride	6/2E3	1.60E-01			mg/L
Chlorobenzene	3/435	2.00E-03			mg/L
Chloroethane	1/448	1.00E-03			mg/L
Chloroform	16/2E3	1.40E-02			mg/L
Chloromethane	14/434	2.00E-03			mg/L
Chrysene	1/35	6.00E-04			mg/L
Di-n-butyl phthalate	4/35	2.10E-02			mg/L
Dichlorodifluoromethane	1/410	7.40E-05			mg/L
Diethyl phthalate	1/35	1.10E-02			mg/L
Dimethylbenzene	4/2E3	2.20E+00			mg/L
Ethane	8/24	1.97E-01			mg/L
Ethanol	7/340	3.50E-01			mg/L
Ethylbenzene	2/2E3	8.70E-01			mg/L
Ethylene	8/24	4.17E+00			mg/L
Methylene chloride	47/435	1.30E-01			mg/L
PCB-1254	1/26	9.00E-04			mg/L
Polychlorinated biphenyl	1/135	1.00E-04			mg/L
Tetrachloroethene	11/2E3	3.20E-01			mg/L
Toluene	18/2E3	1.10E-02			mg/L
Trichloroethene	2E3/3E3	4.60E+02			mg/L
Trichlorofluoromethane	7/412	2.00E-03			mg/L
Vinyl chloride	3/2E3	6.30E+00			mg/L
cis-1,2-Dichloroethene	45/2E3	4.20E+00			mg/L
m,p-Xylene	3/14	1.50E-04			mg/L
trans-1,2-Dichloroethene	8/2E3	1.20E+00			mg/L
trans-1,3-Dichloropropene	1/436	1.70E-04			mg/L
Alpha activity	2E3/3E3	1.88E+02			pCi/L
Americium-241	16/29	3.50E+00			pCi/L
Beta activity	2E3/3E3	9.83E+03			pCi/L
Cesium-137	14/44	2.07E+01			pCi/L
Cobalt-60	14/19	2.30E+00			pCi/L
Neptunium-237	64/106	1.44E+01	8.00E-01	Yes	pCi/L
Plutonium-238	9/13	7.00E-02			pCi/L
Plutonium-239	21/86	2.00E-01	1.00E-01	Yes	pCi/L
Plutonium-239/240	5/7	3.06E-02			pCi/L
Radium-226	60/72	7.39E+02	6.00E-01	Yes	pCi/L
Radon-222	809/810	9.48E+03	6.26E+02	Yes	pCi/L
Technetium-99	3E3/4E3	1.67E+04	2.23E+01	Yes	pCi/L
Thorium-230	79/99	4.70E+00	1.10E+00	Yes	pCi/L
Thorium-234	1/1	6.00E-01			pCi/L
Uranium-234	24/33	2.00E+02	7.00E-01	Yes	pCi/L
Uranium-235	10/22	9.96E+00	3.00E-01	Yes	pCi/L
Uranium-235/236	8/10	3.50E-01	3.00E-01	Yes	pCi/L

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Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Uranium-238	21/30	2.11E+02	7.00E-01	Yes	pCi/L

AREA_CODE=n MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Aluminum	166/201	8.00E+01			mg/L
Ammonia as Nitrogen	2/4	1.60E-01			mg/L
Antimony	7/177	2.35E-01			mg/L
Arsenic	81/326	4.53E-01			mg/L
Barium	185/197	1.19E+00			mg/L
Beryllium	5/170	1.70E-03			mg/L
Cadmium	8/336	1.90E-02			mg/L
Calcium	224/225	3.78E+02			mg/L
Chloride	240/244	6.29E+02			mg/L
Chromium	53/329	1.36E+00			mg/L
Cobalt	10/168	6.76E-02			mg/L
Copper	50/194	1.32E+00			mg/L
Cyanide	2/9	1.00E-02			mg/L
Fluoride	138/194	8.90E+00			mg/L
Iron	239/259	3.44E+02			mg/L
Kjeldahl Nitrogen	3/4	8.95E+00			mg/L
Lead	15/243	1.38E+00			mg/L
Magnesium	233/234	9.40E+01			mg/L
Manganese	180/229	2.70E+01			mg/L
Mercury	5/226	5.00E-04			mg/L
Molybdenum	1/133	1.00E-02			mg/L
Nickel	60/203	2.30E+00			mg/L
Nitrate	1/1	2.10E+00			mg/L
Nitrate as Nitrogen	77/227	2.69E+01			mg/L
Nitrate/Nitrite	7/9	9.38E+00			mg/L
Orthophosphate	3/3	1.60E-01			mg/L
Potassium	46/220	2.98E+01			mg/L
Selenium	10/233	1.60E-02			mg/L
Silica	135/135	7.90E+01			mg/L
Silver	4/65	4.50E-02			mg/L
Sodium	258/259	2.81E+02			mg/L
Strontium	9/10	1.64E+00			mg/L
Sulfate	30/31	2.19E+02			mg/L
Sulfide	3/4	6.40E+01			mg/L
Tetraoxo-sulfate(1-)	200/205	6.95E+02			mg/L
Thallium	3/139	9.10E-02			mg/L
Tin	1/6	2.60E-02			mg/L
Uranium	77/308	6.40E-01			mg/L
Vanadium	121/143	7.60E-01			mg/L
Zinc	114/194	1.88E+00			mg/L
1,1,1-Trichloroethane	2/186	1.60E-02			mg/L
1,1-Dichloroethane	3/188	1.20E-02			mg/L
1,1-Dichloroethene	10/205	2.00E-01			mg/L
1,2-Dichloroethane	1/233	2.00E-03			mg/L
1,2-Dichloroethene	2/15	1.40E-02			mg/L
2,4-Dichlorophenol	1/10	4.00E-04			mg/L
2,4-Dimethylphenol	1/10	4.40E-03			mg/L
2-Butanone	3/42	7.00E-03			mg/L
4-Methyl-2-pentanone	1/42	1.90E-03			mg/L
4-Methylphenol	1/10	2.10E-04			mg/L

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Table 2.8 Comparison of maximum detected concentrations and activities to background concentrations (continued)

AREA_CODE=n MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Background concentration	Exceed Background?	Units
Acetone	5/43	1.50E-02			mg/L
Benzene	4/269	7.80E-03			mg/L
Bis(2-ethylhexyl)phthalate	1/10	1.00E-03			mg/L
Bromodichloromethane	1/233	9.00E-03			mg/L
Chloroethane	1/46	8.20E-01			mg/L
Chloroform	10/236	2.40E-02			mg/L
Di-n-butyl phthalate	3/10	9.80E-04			mg/L
Dibromochloromethane	1/43	2.00E-03			mg/L
Dichlorodifluoromethane	3/29	6.00E-03			mg/L
Diethyl phthalate	1/10	8.50E-04			mg/L
Dimethylbenzene	13/269	2.80E+00			mg/L
Ethane	3/5	3.03E-01			mg/L
Ethanol	3/28	2.40E-02			mg/L
Ethylbenzene	15/270	1.50E+00			mg/L
Ethylene	3/5	3.96E+00			mg/L
Fluorene	1/17	7.00E-03			mg/L
Isophorone	1/10	6.60E-03			mg/L
Methylene chloride	16/42	1.80E-02			mg/L
Naphthalene	1/17	4.70E-02			mg/L
Phenanthrene	1/17	5.00E-03			mg/L
Toluene	1/268	1.80E-02			mg/L
Trichloroethene	327/623	3.10E+03			mg/L
Vinyl chloride	34/249	5.00E+00			mg/L
cis-1,2-Dichloroethene	58/218	4.90E+00			mg/L
trans-1,2-Dichloroethene	3/237	5.00E-01			mg/L
Alpha activity	405/489	3.49E+02			pCi/L
Americium-241	2/9	3.40E-01			pCi/L
Beta activity	450/489	1.26E+03			pCi/L
Cesium-137	3/13	9.00E-01			pCi/L
Cobalt-60	6/7	1.40E+00			pCi/L
Neptunium-237	12/23	2.37E+00			pCi/L
Plutonium-238	3/4	1.10E-01			pCi/L
Plutonium-239	6/20	7.60E-01			pCi/L
Plutonium-239/240	1/1	2.07E-02			pCi/L
Radium-226	9/15	1.60E+00			pCi/L
Radon-222	79/79	2.05E+03			pCi/L
Technetium-99	583/651	1.01E+03			pCi/L
Thorium-228	2/2	6.40E-01			pCi/L
Thorium-230	16/22	8.00E-01			pCi/L
Thorium-232	2/2	4.90E-01			pCi/L
Uranium-234	14/16	1.84E+01			pCi/L
Uranium-235	6/9	1.22E+00			pCi/L
Uranium-235/236	4/5	8.00E-02			pCi/L
Uranium-238	13/14	4.19E+01			pCi/L

Table 2.9 Recommended dietary allowances of essential human nutrients

Analyte	Recommended Dietary Allowance[a] (mg/d)
Calcium	800
Chloride	600[b]
Copper	1.0-2.0
Fluoride	1.5-2.5
Iodine	0.12
Iron	10
Magnesium	170
Molybdenum	0.05-0.15
Phosphorus	800
Potassium	1600[b]
Selenium	0.03
Sodium	400[b]

[a] Taken from National Research Council (NRC), 1989. *Recommended Dietary Allowances*. 10th ed. RDAs listed are those for children agese 7 to 10.

[b] Estimated minimum requirements of health persons ages 6 to 9.

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children

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AREA_CODE=a MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	28/42	1.38E+02	mg/L	1.38E+02			
Arsenic	2/46	4.60E-02	mg/L	4.60E-02			
Barium	46/46	8.50E-01	mg/L	8.50E-01			
Beryllium	2/46	1.11E-03	mg/L	1.11E-03			
Cadmium	1/46	5.56E-04	mg/L	5.56E-04			
Calcium	46/46	4.74E+01	mg/L	4.74E+01	8.00E+02	1.60E+02	No
Chloride	42/42	8.76E+01	mg/L	8.76E+01			
Chromium	9/46	1.30E+00	mg/L	1.30E+00			
Cobalt	1/46	2.56E-02	mg/L	2.56E-02			
Fluoride	28/42	7.20E+00	mg/L	7.20E+00	1.50E+00	3.00E-01	Yes
Iron	37/45	7.20E+02	mg/L	7.20E+02	1.00E+01	2.00E+00	Yes
Magnesium	46/46	2.41E+01	mg/L	2.41E+01	1.70E+02	3.40E+01	No
Manganese	37/46	7.75E+00	mg/L	7.75E+00			
Nickel	5/46	1.12E-01	mg/L	1.12E-01			
Nitrate as Nitrogen	35/42	1.28E+01	mg/L	1.28E+01			
Potassium	22/45	4.13E+00	mg/L	4.13E+00			
Selenium	1/9	1.84E-03	mg/L	1.84E-03			
Silica	7/7	2.30E+01	mg/L	2.30E+01			
Sodium	46/46	8.00E+01	mg/L	8.00E+01			
Tetraoxo-sulfate(1-)	42/42	7.42E+01	mg/L	7.42E+01			
Thallium	1/42	2.38E-01	mg/L	2.38E-01			
Uranium	3/28	4.00E-03	mg/L	4.00E-03			
Vanadium	36/42	9.50E-01	mg/L	9.50E-01			
Zinc	18/46	1.00E+00	mg/L	1.00E+00			
1,1-Dichloroethene	1/17	2.40E-02	mg/L	2.40E-02			
Carbon tetrachloride	2/50	1.60E-01	mg/L	1.60E-01			
Chloroform	1/50	2.00E-03	mg/L	2.00E-03			
Tetrachloroethene	4/74	2.30E-01	mg/L	2.30E-01			
Trichloroethene	94/94	4.60E+02	mg/L	4.60E+02			
cis-1,2-Dichloroethene	4/46	2.20E-01	mg/L	2.20E-01			
trans-1,2-Dichloroethene	2/46	1.20E+00	mg/L	1.20E+00			
Alpha activity	60/79	6.59E+01	pCi/L				
Americium-241	3/4	7.00E-02	pCi/L				
Beta activity	69/79	9.83E+03	pCi/L				
Cesium-137	3/5	1.29E+01	pCi/L				
Neptunium-237	6/8	1.44E+01	pCi/L				
Plutonium-239	2/8	9.00E-02	pCi/L				
Radon-222	4/4	6.04E+02	pCi/L				
Technetium-99	85/88	1.67E+04	pCi/L				
Thorium-230	7/8	1.10E+00	pCi/L				

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=a MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Uranium-234	3/4	1.50E-01	pCi/L				
Uranium-235	2/4	2.00E-02	pCi/L				
Uranium-238	3/4	5.00E-02	pCi/L				

AREA_CODE=a MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	14/14	1.28E+01	mg/L	1.28E+01			
Antimony	1/15	2.79E-02	mg/L	2.79E-02			
Arsenic	1/15	8.00E-03	mg/L	8.00E-03			
Barium	15/15	1.98E-01	mg/L	1.98E-01			
Beryllium	1/15	5.56E-04	mg/L	5.56E-04			
Calcium	15/15	5.75E+01	mg/L	5.75E+01	8.00E+02	1.60E+02	No
Chloride	14/14	1.56E+02	mg/L	1.56E+02	6.00E+02	1.20E+02	Yes
Chromium	1/16	1.42E-02	mg/L	1.42E-02			
Cobalt	1/15	2.00E-03	mg/L	2.00E-03			
Copper	1/15	1.00E-02	mg/L	1.00E-02	1.00E+00	2.00E-01	No
Fluoride	4/13	1.70E-01	mg/L	1.70E-01	1.50E+00	3.00E-01	No
Iron	15/15	5.43E+00	mg/L	5.43E+00	1.00E+01	2.00E+00	Yes
Lead	2/4	6.90E-02	mg/L	6.90E-02			
Magnesium	15/15	1.93E+01	mg/L	1.93E+01	1.70E+02	3.40E+01	No
Manganese	14/15	1.13E-01	mg/L	1.13E-01			
Nickel	2/15	4.15E-01	mg/L	4.15E-01			
Nitrate as Nitrogen	6/14	1.90E+00	mg/L	1.90E+00			
Potassium	2/14	2.95E+00	mg/L	2.95E+00	1.60E+03	3.20E+02	No
Silica	3/3	3.80E+01	mg/L	3.80E+01			
Sodium	15/15	1.26E+02	mg/L	1.26E+02			
Tetraoxo-sulfate(1-)	14/14	1.36E+02	mg/L	1.36E+02			
Uranium	2/6	3.10E-02	mg/L	3.10E-02			
Vanadium	10/14	1.57E-01	mg/L	1.57E-01			
Zinc	6/15	5.50E-02	mg/L	5.50E-02			
1,1-Dichloroethene	1/16	1.60E-03	mg/L	1.60E-03			
Bis(2-ethylhexyl)phthalate	1/1	1.00E-03	mg/L	1.00E-03			
Chloroform	1/16	1.30E-02	mg/L	1.30E-02			
Trichloroethene	34/36	7.80E+02	mg/L	7.80E+02			

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=a MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
cis-1,2-Dichloroethene	1/25	1.30E-01	mg/L	1.30E-01			
trans-1,2-Dichloroethene	2/25	5.00E-01	mg/L	5.00E-01			
Alpha activity	28/31	4.22E+01	pCi/L				
Beta activity	31/31	6.72E+02	pCi/L				
Neptunium-237	2/2	9.00E-01	pCi/L				
Plutonium-239	1/2	1.00E-01	pCi/L				
Radon-222	1/1	4.61E+02	pCi/L				
Technetium-99	20/22	1.20E+02	pCi/L				
Thorium-230	2/2	7.00E-01	pCi/L				

AREA_CODE=b MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	2/35	1.50E+00	mg/L	1.50E+00			
Antimony	1/13	1.85E-01	mg/L	1.85E-01			
Barium	4/5	1.70E-01	mg/L	1.70E-01			
Calcium	35/35	2.76E+01	mg/L	2.76E+01			
Chloride	32/32	5.51E+01	mg/L	5.51E+01	6.00E+02	1.20E+02	No
Fluoride	14/14	1.70E-01	mg/L	1.70E-01			
Iron	34/35	1.66E+01	mg/L	1.66E+01			
Magnesium	35/35	1.23E+01	mg/L	1.23E+01			
Manganese	34/35	9.11E-01	mg/L	9.11E-01			
Nitrate as Nitrogen	1/32	5.60E+00	mg/L	5.60E+00			
Potassium	16/32	5.58E+00	mg/L	5.58E+00			
Silica	26/26	2.70E+01	mg/L	2.70E+01			
Sodium	35/35	3.81E+01	mg/L	3.81E+01			
Tetraoxo-sulfate(1-)	17/31	1.72E+01	mg/L	1.72E+01			
Vanadium	1/1	4.00E-02	mg/L	4.00E-02			
Zinc	2/5	8.00E-02	mg/L	8.00E-02			
Trichloroethene	4/43	9.60E+00	mg/L	9.60E+00			
Alpha activity	28/35	7.30E+00	pCi/L				
Beta activity	34/35	1.48E+03	pCi/L				
Neptunium-237	2/3	4.00E-01	pCi/L				
Plutonium-238	1/2	5.00E-02	pCi/L				
Radium-226	2/3	8.60E-01	pCi/L				

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=b MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Radon-222	31/31	2.91E+02	pCi/L				
Technetium-99	28/43	1.95E+03	pCi/L				
Thorium-230	1/2	1.00E-02	pCi/L				

AREA_CODE=b MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	106/298	1.43E+02	mg/L	1.43E+02			
Arsenic	28/399	1.40E-01	mg/L	1.40E-01			
Barium	99/105	2.20E+00	mg/L	2.20E+00			
Beryllium	9/111	1.40E-02	mg/L	1.40E-02			
Cadmium	3/411	2.13E-01	mg/L	2.13E-01			
Calcium	340/340	4.87E+01	mg/L	4.87E+01	8.00E+02	1.60E+02	No
Chloride	318/318	5.86E+02	mg/L	5.86E+02	6.00E+02	1.20E+02	Yes
Chromium	50/411	8.89E-01	mg/L	8.89E-01			
Cobalt	3/105	9.00E-02	mg/L	9.00E-02			
Copper	15/114	8.10E-02	mg/L	8.10E-02	1.00E+00	2.00E-01	No
Fluoride	115/185	7.10E-01	mg/L	7.10E-01	1.50E+00	3.00E-01	Yes
Iron	244/343	4.18E+02	mg/L	4.18E+02	1.00E+01	2.00E+00	Yes
Lead	8/370	4.32E-01	mg/L	4.32E-01			
Magnesium	343/343	2.88E+01	mg/L	2.88E+01	1.70E+02	3.40E+01	No
Manganese	218/334	8.20E+00	mg/L	8.20E+00			
Mercury	1/359	3.00E-04	mg/L	3.00E-04			
Molybdenum	3/81	2.50E-02	mg/L	2.50E-02			
Nickel	57/117	5.70E-01	mg/L	5.70E-01			
Nitrate as Nitrogen	201/304	3.93E+01	mg/L	3.93E+01			
Nitrate/Nitrite	6/6	9.40E+00	mg/L	9.40E+00			
Potassium	25/309	2.44E+01	mg/L	2.44E+01	1.60E+03	3.20E+02	No
Selenium	1/369	4.76E-01	mg/L	4.76E-01	3.00E-02	6.00E-03	Yes
Silica	188/188	4.50E+01	mg/L	4.50E+01			
Silver	1/55	5.70E-03	mg/L	5.70E-03			
Sodium	342/342	1.62E+02	mg/L	1.62E+02			
Sulfate	27/27	4.20E+01	mg/L	4.20E+01			
Tetraoxo-sulfate(1-)	291/292	2.24E+02	mg/L	2.24E+02			
Tin	3/13	8.00E-01	mg/L	8.00E-01			

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=b MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Total Phosphate as Phosphorus	12/260	3.49E+01	mg/L	3.49E+01	8.00E+02	1.60E+02	No
Uranium	17/416	1.90E-01	mg/L	1.90E-01			
Vanadium	48/63	2.10E-01	mg/L	2.10E-01			
Zinc	44/116	2.29E-01	mg/L	2.29E-01			
1,1,2-Trichloro-1,2,2-trifluoroethane	2/4	5.70E-03	mg/L	5.70E-03			
1,1,2-Trichloroethane	1/446	2.00E-03	mg/L	2.00E-03			
1,1-Dichloroethane	1/420	4.10E-03	mg/L	4.10E-03			
1,1-Dichloroethene	1/419	1.30E-03	mg/L	1.30E-03			
1,2-Dichloroethane	1/449	1.10E-03	mg/L	1.10E-03			
4-Methyl-2-pentanone	1/9	2.50E-03	mg/L	2.50E-03			
Acetone	4/11	2.30E-02	mg/L	2.30E-02			
Carbon tetrachloride	2/450	1.60E-02	mg/L	1.60E-02			
Chlorobenzene	1/9	2.00E-03	mg/L	2.00E-03			
Chloroform	3/448	1.40E-02	mg/L	1.40E-02			
Di-n-butyl phthalate	1/1	8.00E-03	mg/L	8.00E-03			
Ethane	8/11	1.97E-01	mg/L	1.97E-01			
Ethylene	8/11	4.17E+00	mg/L	4.17E+00			
Methylene chloride	1/9	5.00E-03	mg/L	5.00E-03			
Tetrachloroethene	2/449	3.20E-01	mg/L	3.20E-01			
Toluene	3/424	1.10E-02	mg/L	1.10E-02			
Trichloroethene	495/791	3.00E+01	mg/L	3.00E+01			
Vinyl chloride	2/462	6.30E+00	mg/L	6.30E+00			
cis-1,2-Dichloroethene	11/457	4.20E+00	mg/L	4.20E+00			
trans-1,2-Dichloroethene	2/458	3.80E-03	mg/L	3.80E-03			
Alpha activity	329/529	5.59E+01	pCi/L				
Americium-241	9/15	3.50E+00	pCi/L				
Beta activity	463/529	5.29E+03	pCi/L				
Cesium-137	3/26	8.00E-01	pCi/L				
Cobalt-60	7/9	2.30E+00	pCi/L				
Neptunium-237	19/35	5.00E-01	pCi/L				
Plutonium-238	9/13	7.00E-02	pCi/L				
Plutonium-239	9/15	1.30E-01	pCi/L				
Plutonium-239/240	5/7	3.06E-02	pCi/L				
Radium-226	27/31	7.39E+02	pCi/L				
Radon-222	247/247	2.23E+03	pCi/L				
Technetium-99	933/1E3	5.80E+03	pCi/L				
Thorium-230	22/29	4.70E+00	pCi/L				
Uranium-234	15/21	2.00E+02	pCi/L				
Uranium-235	4/12	9.96E+00	pCi/L				

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=b MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Uranium-235/236	8/10	3.50E-01	pCi/L				
Uranium-238	14/18	2.11E+02	pCi/L				

AREA_CODE=b MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	68/88	5.41E+01	mg/L	5.41E+01			
Arsenic	61/196	4.53E-01	mg/L	4.53E-01			
Barium	64/65	5.85E-01	mg/L	5.85E-01			
Beryllium	3/67	4.00E-04	mg/L	4.00E-04			
Cadmium	5/200	1.80E-02	mg/L	1.80E-02			
Calcium	105/105	1.05E+02	mg/L	1.05E+02	8.00E+02	1.60E+02	No
Chloride	104/105	6.29E+02	mg/L	6.29E+02	6.00E+02	1.20E+02	Yes
Chromium	36/200	1.36E+00	mg/L	1.36E+00			
Cobalt	1/65	7.50E-03	mg/L	7.50E-03			
Copper	3/68	2.20E-02	mg/L	2.20E-02	1.00E+00	2.00E-01	No
Fluoride	58/78	2.40E+00	mg/L	2.40E+00	1.50E+00	3.00E-01	Yes
Iron	90/102	3.44E+02	mg/L	3.44E+02	1.00E+01	2.00E+00	Yes
Lead	1/150	1.80E-03	mg/L	1.80E-03			
Magnesium	105/105	5.30E+01	mg/L	5.30E+01	1.70E+02	3.40E+01	Yes
Manganese	76/100	8.73E-01	mg/L	8.73E-01			
Mercury	1/148	3.00E-04	mg/L	3.00E-04			
Molybdenum	1/58	1.00E-02	mg/L	1.00E-02	5.00E-02	1.00E-02	Yes
Nickel	38/68	2.30E+00	mg/L	2.30E+00			
Nitrate as Nitrogen	20/97	5.70E+00	mg/L	5.70E+00			
Nitrate/Nitrite	5/5	2.10E+00	mg/L	2.10E+00			
Potassium	7/99	9.34E+00	mg/L	9.34E+00	1.60E+03	3.20E+02	No
Selenium	4/150	1.60E-02	mg/L	1.60E-02	3.00E-02	6.00E-03	Yes
Silica	41/41	7.90E+01	mg/L	7.90E+01			
Silver	1/14	5.00E-03	mg/L	5.00E-03			
Sodium	105/105	2.81E+02	mg/L	2.81E+02			
Sulfate	14/14	2.19E+02	mg/L	2.19E+02			
Tetraoxo-sulfate(1-)	90/91	4.90E+02	mg/L	4.90E+02			
Thallium	2/53	9.10E-02	mg/L	9.10E-02			
Tin	1/4	2.60E-02	mg/L	2.60E-02			

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=b MEDIA=UCRS Groundwater
(continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Uranium	18/165	1.10E-01	mg/L	1.10E-01			
Vanadium	50/56	5.04E-01	mg/L	5.04E-01			
Zinc	36/68	8.00E-02	mg/L	8.00E-02			
1,1-Dichloroethane	2/75	1.20E-02	mg/L	1.20E-02			
1,1-Dichloroethene	2/74	2.90E-03	mg/L	2.90E-03			
1,2-Dichloroethene	1/3	1.40E-02	mg/L	1.40E-02			
2,4-Dichlorophenol	1/3	4.00E-04	mg/L	4.00E-04			
2,4-Dimethylphenol	1/3	4.40E-03	mg/L	4.40E-03			
4-Methyl-2-pentanone	1/6	1.90E-03	mg/L	1.90E-03			
4-Methylphenol	1/3	2.10E-04	mg/L	2.10E-04			
Acetone	1/7	5.20E-03	mg/L	5.20E-03			
Benzene	1/71	7.80E-03	mg/L	7.80E-03			
Chloroethane	1/9	8.20E-01	mg/L	8.20E-01			
Di-n-butyl phthalate	3/3	9.80E-04	mg/L	9.80E-04			
Diethyl phthalate	1/3	8.50E-04	mg/L	8.50E-04			
Dimethylbenzene	1/72	7.20E-03	mg/L	7.20E-03			
Ethane	3/4	3.03E-01	mg/L	3.03E-01			
Ethylbenzene	1/72	8.70E-04	mg/L	8.70E-04			
Ethylene	3/4	3.96E+00	mg/L	3.96E+00			
Isophorone	1/3	6.60E-03	mg/L	6.60E-03			
Toluene	1/72	1.80E-02	mg/L	1.80E-02			
Trichloroethene	218/291	3.10E+03	mg/L	3.10E+03			
Vinyl chloride	34/113	5.00E+00	mg/L	5.00E+00			
cis-1,2-Dichloroethene	55/109	4.90E+00	mg/L	4.90E+00			
trans-1,2-Dichloroethene	1/109	5.10E-03	mg/L	5.10E-03			
Alpha activity	133/175	3.00E+01	pCi/L				
Americium-241	2/5	3.40E-01	pCi/L				
Beta activity	148/175	1.26E+03	pCi/L				
Cobalt-60	2/3	1.20E+00	pCi/L				
Neptunium-237	7/12	4.00E-01	pCi/L				
Plutonium-238	1/2	8.00E-02	pCi/L				
Plutonium-239	4/9	7.60E-01	pCi/L				
Plutonium-239/240	1/1	2.07E-02	pCi/L				
Radium-226	2/5	6.00E-01	pCi/L				
Radon-222	38/38	2.05E+03	pCi/L				
Technetium-99	313/333	8.78E+02	pCi/L				
Thorium-230	9/11	8.00E-01	pCi/L				
Uranium-234	9/11	1.44E+01	pCi/L				
Uranium-235	5/8	9.10E-01	pCi/L				

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=b MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Uranium-235/236	4/5	8.00E-02	pCi/L				
Uranium-238	9/9	3.48E+01	pCi/L				

AREA_CODE=c MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	9/16	2.16E+01	mg/L	2.16E+01			
Barium	32/33	3.60E-01	mg/L	3.60E-01			
Calcium	33/33	3.99E+01	mg/L	3.99E+01			
Chloride	33/33	1.20E+02	mg/L	1.20E+02	6.00E+02	1.20E+02	Yes
Chromium	11/33	8.62E+00	mg/L	8.62E+00			
Copper	5/33	1.31E-01	mg/L	1.31E-01	1.00E+00	2.00E-01	No
Fluoride	28/32	2.40E-01	mg/L	2.40E-01			
Iron	25/33	6.64E+01	mg/L	6.64E+01	1.00E+01	2.00E+00	Yes
Magnesium	33/33	1.43E+01	mg/L	1.43E+01			
Manganese	27/33	1.09E+00	mg/L	1.09E+00			
Molybdenum	2/16	1.00E-01	mg/L	1.00E-01	5.00E-02	1.00E-02	Yes
Nickel	10/33	6.73E-01	mg/L	6.73E-01			
Nitrate as Nitrogen	20/33	3.00E+00	mg/L	3.00E+00			
Potassium	5/30	8.33E+00	mg/L	8.33E+00	1.60E+03	3.20E+02	No
Silica	16/16	3.60E+01	mg/L	3.60E+01			
Sodium	33/33	8.74E+01	mg/L	8.74E+01			
Sulfate	4/4	3.35E+01	mg/L	3.35E+01			
Tetraoxo-sulfate(1-)	29/29	1.43E+02	mg/L	1.43E+02			
Uranium	2/58	1.00E-03	mg/L	1.00E-03			
Vanadium	8/10	1.31E-01	mg/L	1.31E-01			
Zinc	11/33	1.30E-01	mg/L	1.30E-01			
1,1-Dichloroethene	2/72	6.50E-02	mg/L	6.50E-02			
Chloroform	2/72	5.00E-03	mg/L	5.00E-03			
Trichloroethene	78/112	1.50E+00	mg/L	1.50E+00			
cis-1,2-Dichloroethene	2/72	9.80E-03	mg/L	9.80E-03			
Alpha activity	91/111	1.92E+01	pCi/L				
Beta activity	110/111	2.02E+03	pCi/L				
Radon-222	16/16	6.59E+03	pCi/L				
Technetium-99	108/113	3.15E+03	pCi/L				

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=c MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	6/6	5.92E+00	mg/L	5.92E+00			
Barium	6/6	1.61E-01	mg/L	1.61E-01			
Calcium	6/6	3.45E+01	mg/L	3.45E+01	8.00E+02	1.60E+02	No
Chloride	5/5	6.10E+01	mg/L	6.10E+01	6.00E+02	1.20E+02	No
Iron	6/6	6.44E+00	mg/L	6.44E+00	1.00E+01	2.00E+00	Yes
Magnesium	6/6	1.32E+01	mg/L	1.32E+01	1.70E+02	3.40E+01	No
Manganese	6/6	3.22E-01	mg/L	3.22E-01			
Nitrate as Nitrogen	2/5	1.20E+00	mg/L	1.20E+00			
Potassium	1/6	2.44E+00	mg/L	2.44E+00	1.60E+03	3.20E+02	No
Silica	5/5	6.40E+01	mg/L	6.40E+01			
Sodium	6/6	9.14E+01	mg/L	9.14E+01			
Tetraoxo-sulfate(1-)	5/5	1.28E+02	mg/L	1.28E+02			
Uranium	2/10	4.00E-03	mg/L	4.00E-03			
Vanadium	4/6	7.10E-02	mg/L	7.10E-02			
Zinc	5/6	6.90E-02	mg/L	6.90E-02			
Benzene	1/7	1.00E-03	mg/L	1.00E-03			
Chloroform	6/8	1.70E-02	mg/L	1.70E-02			
Trichloroethene	5/22	9.40E-02	mg/L	9.40E-02			
Alpha activity	20/23	1.33E+01	pCi/L				
Beta activity	23/23	9.50E+01	pCi/L				
Technetium-99	23/23	9.40E+01	pCi/L				

AREA_CODE=d MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	5/9	2.10E-01	mg/L	2.10E-01			
Barium	13/13	1.68E-01	mg/L	1.68E-01			
Calcium	13/13	2.18E+01	mg/L	2.18E+01			
Chloride	13/13	1.10E+01	mg/L	1.10E+01			
Copper	2/13	2.00E-02	mg/L	2.00E-02			
Fluoride	11/11	1.80E-01	mg/L	1.80E-01			
Iron	13/13	1.02E+01	mg/L	1.02E+01			
Magnesium	13/13	7.51E+00	mg/L	7.51E+00			
Manganese	13/13	5.14E-01	mg/L	5.14E-01			
Potassium	9/12	1.23E+01	mg/L	1.23E+01			
Silica	9/9	3.40E+01	mg/L	3.40E+01			

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=d MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Sodium	13/13	2.10E+01	mg/L	2.10E+01			
Tetraoxo-sulfate(1-)	10/10	2.89E+01	mg/L	2.89E+01			
Thallium	1/7	1.02E+00	mg/L	1.02E+00			
Vanadium	4/7	6.60E-02	mg/L	6.60E-02			
Zinc	12/13	1.90E-01	mg/L	1.90E-01			
Trichloroethene	1/15	3.00E-03	mg/L	3.00E-03			
Alpha activity	13/15	6.70E+00	pCi/L				
Beta activity	15/15	4.70E+01	pCi/L				
Neptunium-237	4/7	4.00E-01	pCi/L				
Plutonium-239	1/7	1.00E-01	pCi/L				
Radium-226	6/6	8.00E-01	pCi/L				
Radon-222	13/13	1.45E+02	pCi/L				
Technetium-99	11/15	2.30E+01	pCi/L				
Thorium-230	5/7	8.00E-01	pCi/L				

AREA_CODE=d MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Methylene chloride	1/1	5.00E-03	mg/L	5.00E-03			

AREA_CODE=d MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	34/39	1.33E+01	mg/L	1.33E+01			
Arsenic	4/98	1.20E-01	mg/L	1.20E-01			
Barium	65/68	6.86E-01	mg/L	6.86E-01			
Beryllium	1/65	1.20E-03	mg/L	1.20E-03			
Cadmium	2/100	3.70E-03	mg/L	3.70E-03			
Calcium	66/66	4.67E+01	mg/L	4.67E+01	8.00E+02	1.60E+02	No
Chloride	59/59	1.73E+02	mg/L	1.73E+02	6.00E+02	1.20E+02	Yes
Chromium	15/95	4.60E-01	mg/L	4.60E-01			

525501

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=d MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Cobalt	7/65	4.50E-02	mg/L	4.50E-02			
Copper	6/67	2.50E-02	mg/L	2.50E-02			
Fluoride	39/58	5.20E-01	mg/L	5.20E-01	1.50E+00	3.00E-01	Yes
Iron	54/69	1.98E+01	mg/L	1.98E+01	1.00E+01	2.00E+00	Yes
Lead	13/88	2.50E-01	mg/L	2.50E-01			
Magnesium	69/69	4.72E+01	mg/L	4.72E+01	1.70E+02	3.40E+01	Yes
Manganese	63/69	6.32E+00	mg/L	6.32E+00			
Nickel	22/70	3.27E-01	mg/L	3.27E-01			
Nitrate as Nitrogen	17/59	2.20E+00	mg/L	2.20E+00			
Potassium	25/61	1.70E+01	mg/L	1.70E+01	1.60E+03	3.20E+02	No
Selenium	3/87	4.90E-03	mg/L	4.90E-03			
Silica	32/32	4.40E+01	mg/L	4.40E+01			
Silver	1/37	2.60E-03	mg/L	2.60E-03			
Sodium	69/69	2.66E+02	mg/L	2.66E+02			
Strontium	3/3	3.33E-01	mg/L	3.33E-01			
Tetraoxo-sulfate(1-)	37/54	2.00E+01	mg/L	2.00E+01			
Tin	1/1	8.00E-01	mg/L	8.00E-01			
Uranium	6/120	2.00E-02	mg/L	2.00E-02			
Vanadium	17/35	4.36E-01	mg/L	4.36E-01			
Zinc	27/67	8.28E-02	mg/L	8.28E-02			
Bis(2-ethylhexyl)phthalate	2/7	2.00E-03	mg/L	2.00E-03			
Butyl benzyl phthalate	1/7	1.00E-03	mg/L	1.00E-03			
Di-n-butyl phthalate	1/7	2.10E-02	mg/L	2.10E-02			
Dimethylbenzene	1/114	2.20E+00	mg/L	2.20E+00			
Ethylbenzene	1/114	8.70E-01	mg/L	8.70E-01			
Methylene chloride	7/9	1.30E-01	mg/L	1.30E-01			
Tetrachloroethene	1/95	5.00E-03	mg/L	5.00E-03			
Trichloroethene	149/204	2.30E+01	mg/L	2.30E+01			
cis-1,2-Dichloroethene	8/95	2.90E-02	mg/L	2.90E-02			
Alpha activity	126/166	1.13E+01	pCi/L				
Americium-241	1/2	5.00E-01	pCi/L				
Beta activity	152/166	1.00E+03	pCi/L				
Cesium-137	3/4	2.07E+01	pCi/L				
Cobalt-60	1/2	2.00E-01	pCi/L				
Neptunium-237	11/15	5.00E-01	pCi/L				
Plutonium-239	1/15	2.00E-01	pCi/L				
Radium-226	13/14	2.00E+00	pCi/L				
Radon-222	44/44	9.48E+03	pCi/L				
Technetium-99	168/214	3.67E+02	pCi/L				

526902

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=d MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Thorium-230	12/15	1.00E+00	pCi/L				
Uranium-234	6/7	2.90E+00	pCi/L				
Uranium-235	4/6	2.48E-01	pCi/L				
Uranium-238	4/7	6.69E+00	pCi/L				

AREA_CODE=d MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	41/43	6.24E+01	mg/L	6.24E+01			
Ammonia as Nitrogen	2/4	1.60E-01	mg/L	1.60E-01			
Antimony	2/39	2.57E-02	mg/L	2.57E-02			
Arsenic	7/46	2.20E-02	mg/L	2.20E-02			
Barium	41/48	8.88E-01	mg/L	8.88E-01			
Beryllium	1/39	1.70E-03	mg/L	1.70E-03			
Cadmium	1/48	1.20E-02	mg/L	1.20E-02			
Calcium	38/38	3.78E+02	mg/L	3.78E+02	8.00E+02	1.60E+02	Yes
Chloride	38/38	3.10E+02	mg/L	3.10E+02	6.00E+02	1.20E+02	Yes
Chromium	9/40	1.30E-01	mg/L	1.30E-01			
Cobalt	7/39	6.76E-02	mg/L	6.76E-02			
Copper	12/38	3.30E-02	mg/L	3.30E-02	1.00E+00	2.00E-01	No
Cyanide	2/5	1.00E-02	mg/L	1.00E-02			
Fluoride	23/38	4.50E-01	mg/L	4.50E-01	1.50E+00	3.00E-01	Yes
Iron	47/47	7.54E+01	mg/L	7.54E+01	1.00E+01	2.00E+00	Yes
Kjeldahl Nitrogen	3/4	8.95E+00	mg/L	8.95E+00			
Lead	7/39	1.38E+00	mg/L	1.38E+00			
Magnesium	47/47	9.40E+01	mg/L	9.40E+01	1.70E+02	3.40E+01	Yes
Manganese	47/47	2.70E+01	mg/L	2.70E+01			
Mercury	1/28	2.00E-04	mg/L	2.00E-04			
Nickel	8/48	9.30E-02	mg/L	9.30E-02			
Nitrate as Nitrogen	12/34	2.69E+01	mg/L	2.69E+01			
Nitrate/Nitrite	2/4	9.38E+00	mg/L	9.38E+00			
Orthophosphate	3/3	1.60E-01	mg/L	1.60E-01			
Potassium	22/46	2.98E+01	mg/L	2.98E+01	1.60E+03	3.20E+02	No
Selenium	5/29	8.70E-03	mg/L	8.70E-03	3.00E-02	6.00E-03	Yes
Silica	38/38	6.70E+01	mg/L	6.70E+01			

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

525908

AREA_CODE=d MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Silver	2/11	4.40E-03	mg/L	4.40E-03			
Sodium	47/47	2.79E+02	mg/L	2.79E+02			
Strontium	9/10	1.64E+00	mg/L	1.64E+00			
Sulfate	3/4	5.90E+01	mg/L	5.90E+01			
Sulfide	3/4	6.40E+01	mg/L	6.40E+01			
Tetraoxo-sulfate(1-)	29/33	6.95E+02	mg/L	6.95E+02			
Uranium	19/45	1.30E-01	mg/L	1.30E-01			
Vanadium	30/34	7.11E-01	mg/L	7.11E-01			
Zinc	19/39	9.90E-02	mg/L	9.90E-02			
1,1,1-Trichloroethane	2/24	1.60E-02	mg/L	1.60E-02			
1,1-Dichloroethane	1/23	8.00E-03	mg/L	8.00E-03			
1,1-Dichloroethene	7/29	2.00E-01	mg/L	2.00E-01			
1,2-Dichloroethane	1/23	2.00E-03	mg/L	2.00E-03			
1,2-Dichloroethene	1/7	5.00E-03	mg/L	5.00E-03			
Benzene	1/98	5.00E-03	mg/L	5.00E-03			
Dimethylbenzene	12/98	2.80E+00	mg/L	2.80E+00			
Ethylbenzene	14/99	1.50E+00	mg/L	1.50E+00			
Fluorene	1/12	7.00E-03	mg/L	7.00E-03			
Methylene chloride	6/6	1.80E-02	mg/L	1.80E-02			
Naphthalene	1/12	4.70E-02	mg/L	4.70E-02			
Phenanthrene	1/12	5.00E-03	mg/L	5.00E-03			
Trichloroethene	57/121	9.80E+01	mg/L	9.80E+01			
cis-1,2-Dichloroethene	2/18	9.00E-03	mg/L	9.00E-03			
Alpha activity	107/115	5.75E+01	pCi/L				
Beta activity	112/115	1.00E+03	pCi/L				
Neptunium-237	1/2	2.37E+00	pCi/L				
Plutonium-238	2/2	1.10E-01	pCi/L				
Radon-222	5/5	5.12E+02	pCi/L				
Technetium-99	103/118	1.01E+03	pCi/L				
Thorium-228	2/2	6.40E-01	pCi/L				
Thorium-230	2/2	6.90E-01	pCi/L				
Thorium-232	2/2	4.90E-01	pCi/L				
Uranium-234	5/5	1.84E+01	pCi/L				
Uranium-235	1/1	1.22E+00	pCi/L				
Uranium-238	4/5	4.19E+01	pCi/L				

726904

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=e MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	6/40	9.04E+01	mg/L	9.04E+01			
Arsenic	2/11	3.60E-02	mg/L	3.60E-02			
Barium	6/11	6.70E-01	mg/L	6.70E-01			
Beryllium	1/11	1.70E-02	mg/L	1.70E-02			
Cadmium	1/11	2.10E-02	mg/L	2.10E-02			
Calcium	41/41	1.18E+02	mg/L	1.18E+02	8.00E+02	1.60E+02	No
Chloride	38/38	2.42E+01	mg/L	2.42E+01	6.00E+02	1.20E+02	No
Chromium	2/9	2.32E-01	mg/L	2.32E-01			
Cobalt	1/11	1.21E-01	mg/L	1.21E-01			
Copper	3/11	1.63E-01	mg/L	1.63E-01	1.00E+00	2.00E-01	No
Fluoride	20/20	3.90E-01	mg/L	3.90E-01	1.50E+00	3.00E-01	Yes
Iron	41/41	1.79E+02	mg/L	1.79E+02	1.00E+01	2.00E+00	Yes
Magnesium	41/41	6.46E+01	mg/L	6.46E+01	1.70E+02	3.40E+01	Yes
Manganese	41/41	3.91E+00	mg/L	3.91E+00			
Nickel	2/11	1.09E-01	mg/L	1.09E-01			
Nitrate as Nitrogen	1/38	1.00E+00	mg/L	1.00E+00			
Potassium	27/40	8.61E+01	mg/L	8.61E+01	1.60E+03	3.20E+02	No
Silica	30/30	5.80E+01	mg/L	5.80E+01			
Sodium	41/41	7.65E+01	mg/L	7.65E+01			
Sulfate	2/2	1.17E+03	mg/L	1.17E+03			
Tetraoxo-sulfate(1-)	36/36	1.97E+01	mg/L	1.97E+01			
Thallium	1/4	1.23E-01	mg/L	1.23E-01			
Total Phosphate as Phosphorus	1/35	5.20E+00	mg/L	5.20E+00	8.00E+02	1.60E+02	No
Uranium	2/11	1.80E-02	mg/L	1.80E-02			
Vanadium	3/4	8.36E-01	mg/L	8.36E-01			
Zinc	8/11	5.64E-01	mg/L	5.64E-01			
Trichloroethene	5/52	7.00E-03	mg/L	7.00E-03			
Alpha activity	43/48	1.07E+02	pCi/L				
Beta activity	48/48	2.36E+02	pCi/L				
Radon-222	31/31	3.91E+02	pCi/L				
Technetium-99	40/53	5.30E+01	pCi/L				
Thorium-230	1/1	1.00E-01	pCi/L				

426905

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=e MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	94/348	4.81E+01	mg/L	4.81E+01			
Arsenic	1/158	7.00E-03	mg/L	7.00E-03			
Barium	158/159	4.98E-01	mg/L	4.98E-01			
Beryllium	3/158	6.00E-03	mg/L	6.00E-03			
Cadmium	2/159	2.40E-02	mg/L	2.40E-02			
Calcium	374/374	7.82E+01	mg/L	7.82E+01	8.00E+02	1.60E+02	No
Chloride	345/345	4.99E+01	mg/L	4.99E+01			
Chromium	11/161	1.12E-01	mg/L	1.12E-01			
Cobalt	2/159	8.10E-02	mg/L	8.10E-02			
Copper	29/159	1.87E+00	mg/L	1.87E+00	1.00E+00	2.00E-01	Yes
Fluoride	217/222	6.50E-01	mg/L	6.50E-01	1.50E+00	3.00E-01	Yes
Iron	226/378	2.91E+02	mg/L	2.91E+02	1.00E+01	2.00E+00	Yes
Lead	1/69	6.00E-02	mg/L	6.00E-02			
Magnesium	376/376	1.42E+01	mg/L	1.42E+01			
Manganese	158/375	5.93E+00	mg/L	5.93E+00			
Molybdenum	1/129	6.60E-02	mg/L	6.60E-02	5.00E-02	1.00E-02	Yes
Nickel	21/160	2.59E-01	mg/L	2.59E-01			
Nitrate as Nitrogen	328/346	1.42E+01	mg/L	1.42E+01			
Potassium	44/353	4.41E+01	mg/L	4.41E+01	1.60E+03	3.20E+02	No
Silica	207/208	3.50E+01	mg/L	3.50E+01			
Silver	1/59	3.90E-01	mg/L	3.90E-01			
Sodium	376/376	6.30E+01	mg/L	6.30E+01			
Sulfate	21/22	3.56E+02	mg/L	3.56E+02			
Tetraoxo-sulfate(1-)	323/323	5.00E+01	mg/L	5.00E+01			
Thallium	2/99	1.00E-01	mg/L	1.00E-01			
Total Phosphate as Phosphorus	3/248	2.80E+00	mg/L	2.80E+00	8.00E+02	1.60E+02	No
Uranium	8/132	1.20E-02	mg/L	1.20E-02			
Vanadium	74/102	2.76E-01	mg/L	2.76E-01			
Zinc	69/161	4.00E-01	mg/L	4.00E-01			
2-Butanone	2/2	1.70E-01	mg/L	1.70E-01			
Acetone	1/1	1.40E-02	mg/L	1.40E-02			
Dimethylbenzene	1/350	6.00E-03	mg/L	6.00E-03			
Trichloroethene	439/472	1.67E+02	mg/L	1.67E+02			

626506

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=e MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
trans-1,2-Dichloroethene	1/422	5.00E-03	mg/L	5.00E-03			
Alpha activity	390/532	1.88E+02	pCi/L				
Beta activity	530/532	1.81E+03	pCi/L				
Cobalt-60	1/1	8.00E-01	pCi/L				
Neptunium-237	8/14	5.00E-01	pCi/L				
Plutonium-239	3/14	1.00E-01	pCi/L				
Radium-226	1/1	2.00E-01	pCi/L				
Radon-222	255/255	8.61E+02	pCi/L				
Technetium-99	526/547	2.11E+03	pCi/L				
Thorium-230	11/14	1.60E+00	pCi/L				

AREA_CODE=e MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	16/28	8.00E+01	mg/L	8.00E+01			
Arsenic	1/6	8.00E-03	mg/L	8.00E-03			
Barium	6/6	1.01E+00	mg/L	1.01E+00			
Calcium	27/28	6.92E+01	mg/L	6.92E+01	8.00E+02	1.60E+02	No
Chloride	22/22	2.13E+02	mg/L	2.13E+02	6.00E+02	1.20E+02	Yes
Chromium	1/6	1.30E-01	mg/L	1.30E-01			
Copper	1/6	1.00E-01	mg/L	1.00E-01	1.00E+00	2.00E-01	No
Fluoride	5/5	5.50E-01	mg/L	5.50E-01	1.50E+00	3.00E-01	Yes
Iron	23/28	6.80E+01	mg/L	6.80E+01	1.00E+01	2.00E+00	Yes
Magnesium	27/28	3.10E+01	mg/L	3.10E+01	1.70E+02	3.40E+01	No
Manganese	5/28	1.60E-01	mg/L	1.60E-01			
Nickel	2/6	5.35E-01	mg/L	5.35E-01			
Nitrate as Nitrogen	1/22	1.00E+00	mg/L	1.00E+00			
Potassium	2/28	3.05E+00	mg/L	3.05E+00	1.60E+03	3.20E+02	No
Silica	26/26	4.30E+01	mg/L	4.30E+01			
Sodium	27/28	1.45E+02	mg/L	1.45E+02			
Sulfate	1/1	3.42E+01	mg/L	3.42E+01			
Tetraoxo-sulfate(1-)	21/21	4.16E+01	mg/L	4.16E+01			
Uranium	4/5	4.00E-03	mg/L	4.00E-03			
Vanadium	3/3	7.60E-01	mg/L	7.60E-01			
Zinc	2/5	1.60E-01	mg/L	1.60E-01			

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=e MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Trichloroethene	3/34	4.00E-03	mg/L	4.00E-03			
Alpha activity	33/34	1.43E+01	pCi/L				
Beta activity	31/34	4.00E+01	pCi/L				
Radon-222	21/21	2.53E+02	pCi/L				
Technetium-99	24/34	1.80E+01	pCi/L				

AREA_CODE=f MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	2/4	3.93E-01	mg/L	3.93E-01			
Barium	5/6	3.54E-01	mg/L	3.54E-01			
Calcium	6/6	2.26E+01	mg/L	2.26E+01			
Chloride	6/6	5.00E+00	mg/L	5.00E+00			
Fluoride	5/5	2.70E-01	mg/L	2.70E-01			
Iron	6/6	1.04E+01	mg/L	1.04E+01			
Magnesium	6/6	6.20E+00	mg/L	6.20E+00			
Manganese	6/6	3.50E-01	mg/L	3.50E-01			
Potassium	5/5	3.11E+01	mg/L	3.11E+01			
Silica	4/4	2.50E+01	mg/L	2.50E+01			
Sodium	6/6	2.92E+01	mg/L	2.92E+01			
Tetraoxo-sulfate(1-)	6/6	8.00E+00	mg/L	8.00E+00			
Zinc	3/6	3.40E-01	mg/L	3.40E-01			
Alpha activity	13/13	1.75E+01	pCi/L				
Beta activity	13/13	2.34E+02	pCi/L				
Radon-222	4/4	2.67E+02	pCi/L				
Technetium-99	9/13	2.00E+01	pCi/L				

AREA_CODE=f MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	48/93	4.63E+01	mg/L	4.63E+01			

526908

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=f MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Arsenic	1/104	1.28E-02	mg/L	1.28E-02			
Barium	97/98	2.70E+00	mg/L	2.70E+00			
Cadmium	3/106	3.42E-01	mg/L	3.42E-01			
Calcium	106/106	7.00E+01	mg/L	7.00E+01	8.00E+02	1.60E+02	No
Chloride	105/105	1.23E+02	mg/L	1.23E+02	6.00E+02	1.20E+02	Yes
Chromium	42/91	9.16E-01	mg/L	9.16E-01			
Copper	6/106	3.78E-01	mg/L	3.78E-01	1.00E+00	2.00E-01	Yes
Fluoride	88/90	2.30E-01	mg/L	2.30E-01			
Iron	88/108	7.44E+01	mg/L	7.44E+01	1.00E+01	2.00E+00	Yes
Magnesium	106/106	2.27E+01	mg/L	2.27E+01	1.70E+02	3.40E+01	No
Manganese	58/106	2.21E+00	mg/L	2.21E+00			
Nickel	35/106	4.48E-01	mg/L	4.48E-01			
Nitrate as Nitrogen	82/97	2.90E+00	mg/L	2.90E+00			
Potassium	54/102	1.97E+01	mg/L	1.97E+01	1.60E+03	3.20E+02	No
Silica	55/55	5.20E+01	mg/L	5.20E+01			
Sodium	105/106	7.86E+01	mg/L	7.86E+01			
Sulfate	21/22	6.76E+01	mg/L	6.76E+01			
Tetraoxo-sulfate(1-)	79/83	1.60E+02	mg/L	1.60E+02			
Uranium	1/70	3.00E-03	mg/L	3.00E-03			
Vanadium	43/45	2.36E-01	mg/L	2.36E-01			
Zinc	29/106	3.82E-01	mg/L	3.82E-01			
1,1-Dichloroethene	3/148	2.00E-02	mg/L	2.00E-02			
1,2-Dichloroethene	1/6	1.40E-02	mg/L	1.40E-02			
Bis(2-ethylhexyl)phthalate	1/1	2.80E-02	mg/L	2.80E-02			
Carbon tetrachloride	2/175	6.00E-04	mg/L	6.00E-04			
Diethyl phthalate	1/1	1.10E-02	mg/L	1.10E-02			
Trichloroethene	206/214	2.40E+00	mg/L	2.40E+00			
cis-1,2-Dichloroethene	6/170	2.20E-02	mg/L	2.20E-02			
trans-1,2-Dichloroethene	1/170	1.00E-04	mg/L	1.00E-04			
Alpha activity	154/218	2.71E+01	pCi/L				
Beta activity	205/218	1.59E+02	pCi/L				
Neptunium-237	5/6	7.00E-01	pCi/L				
Plutonium-239	2/6	2.00E-01	pCi/L				
Radon-222	13/13	8.48E+02	pCi/L				
Technetium-99	176/222	1.68E+02	pCi/L				
Thorium-230	5/6	6.00E-01	pCi/L				

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=f MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	2/2	7.57E+00	mg/L	7.57E+00			
Barium	3/3	2.22E-01	mg/L	2.22E-01			
Calcium	3/3	2.27E+01	mg/L	2.27E+01	8.00E+02	1.60E+02	No
Chloride	3/3	1.50E+01	mg/L	1.50E+01	6.00E+02	1.20E+02	No
Copper	2/3	1.82E-01	mg/L	1.82E-01	1.00E+00	2.00E-01	No
Fluoride	3/3	2.80E-01	mg/L	2.80E-01	1.50E+00	3.00E-01	No
Iron	3/3	7.36E+00	mg/L	7.36E+00	1.00E+01	2.00E+00	Yes
Magnesium	3/3	1.00E+01	mg/L	1.00E+01	1.70E+02	3.40E+01	No
Manganese	3/3	1.25E-01	mg/L	1.25E-01			
Nitrate as Nitrogen	2/3	1.10E+00	mg/L	1.10E+00			
Potassium	1/2	2.16E+00	mg/L	2.16E+00	1.60E+03	3.20E+02	No
Silica	2/2	3.80E+01	mg/L	3.80E+01			
Sodium	3/3	5.83E+01	mg/L	5.83E+01			
Tetraoxo-sulfate(1-)	3/3	4.96E+01	mg/L	4.96E+01			
Vanadium	2/2	8.10E-02	mg/L	8.10E-02			
Zinc	3/3	1.00E-01	mg/L	1.00E-01			
Trichloroethene	1/8	2.00E-03	mg/L	2.00E-03			
Alpha activity	7/8	1.15E+01	pCi/L				
Beta activity	8/8	1.40E+01	pCi/L				
Radon-222	1/1	4.71E+02	pCi/L				
Technetium-99	4/8	7.70E+01	pCi/L				

AREA_CODE=g MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	5/9	2.16E-01	mg/L	2.16E-01			
Arsenic	1/9	5.00E-03	mg/L	5.00E-03			
Barium	9/9	1.11E-01	mg/L	1.11E-01			
Calcium	9/9	3.26E+01	mg/L	3.26E+01			
Chloride	9/9	1.30E+01	mg/L	1.30E+01			
Copper	1/9	1.30E-02	mg/L	1.30E-02			
Fluoride	7/7	2.10E-01	mg/L	2.10E-01			
Iron	9/9	1.64E+01	mg/L	1.64E+01			
Magnesium	9/9	7.79E+00	mg/L	7.79E+00			
Manganese	9/9	7.14E-01	mg/L	7.14E-01			
Mercury	1/7	4.50E-03	mg/L	4.50E-03			

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=g MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Nitrate as Nitrogen	1/9	1.30E+00	mg/L	1.30E+00			
Potassium	8/9	1.39E+01	mg/L	1.39E+01			
Silica	9/9	3.00E+01	mg/L	3.00E+01			
Sodium	9/9	2.90E+01	mg/L	2.90E+01			
Tetraoxo-sulfate(1-)	6/6	1.70E+01	mg/L	1.70E+01			
Vanadium	4/7	6.40E-02	mg/L	6.40E-02			
Zinc	4/9	3.30E-02	mg/L	3.30E-02			
Alpha activity	9/10	6.90E+00	pCi/L				
Beta activity	10/10	2.50E+01	pCi/L				
Neptunium-237	4/7	5.00E-01	pCi/L				
Plutonium-239	2/7	2.00E-01	pCi/L				
Radium-226	5/6	1.30E+00	pCi/L				
Radon-222	9/9	1.78E+02	pCi/L				
Technetium-99	6/10	1.30E+01	pCi/L				
Thorium-230	4/7	5.00E-01	pCi/L				

AREA_CODE=g MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	25/31	1.10E+01	mg/L	1.10E+01			
Arsenic	1/36	5.20E-03	mg/L	5.20E-03			
Barium	35/36	2.00E-01	mg/L	2.00E-01			
Cadmium	1/36	1.20E-02	mg/L	1.20E-02			
Calcium	36/36	3.19E+01	mg/L	3.19E+01			
Chloride	33/33	5.50E+01	mg/L	5.50E+01			
Chromium	9/31	9.26E-01	mg/L	9.26E-01			
Copper	8/36	1.20E-01	mg/L	1.20E-01	1.00E+00	2.00E-01	No
Fluoride	26/26	2.70E-01	mg/L	2.70E-01	1.50E+00	3.00E-01	No
Iron	32/36	1.88E+01	mg/L	1.88E+01	1.00E+01	2.00E+00	Yes
Lead	4/25	1.29E-01	mg/L	1.29E-01			
Magnesium	36/36	1.08E+01	mg/L	1.08E+01			
Manganese	24/36	4.09E-01	mg/L	4.09E-01			
Nickel	10/35	1.66E+00	mg/L	1.66E+00			
Nitrate as Nitrogen	32/33	4.10E+00	mg/L	4.10E+00			
Potassium	15/35	5.51E+00	mg/L	5.51E+00	1.60E+03	3.20E+02	No

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=g MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Silica	30/30	3.00E+01	mg/L	3.00E+01			
Sodium	34/34	3.69E+01	mg/L	3.69E+01			
Tetraoxo-sulfate(1-)	24/24	1.10E+01	mg/L	1.10E+01			
Uranium	1/69	2.00E-03	mg/L	2.00E-03			
Vanadium	21/26	1.23E-01	mg/L	1.23E-01			
Zinc	17/36	5.30E+00	mg/L	5.30E+00			
Trichloroethene	2/48	1.00E-03	mg/L	1.00E-03			
Alpha activity	147/205	1.13E+01	pCi/L				
Beta activity	174/205	3.60E+01	pCi/L				
Neptunium-237	11/21	8.00E-01	pCi/L				
Plutonium-239	4/21	1.00E-01	pCi/L				
Radium-226	11/18	1.30E+00	pCi/L				
Radon-222	138/138	1.97E+03	pCi/L				
Technetium-99	59/583	2.90E+01	pCi/L				
Thorium-230	17/21	1.10E+00	pCi/L				

AREA_CODE=g MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	8/9	2.22E+00	mg/L	2.22E+00			
Barium	8/9	6.20E-02	mg/L	6.20E-02			
Calcium	9/9	4.80E+01	mg/L	4.80E+01	8.00E+02	1.60E+02	No
Chloride	8/9	6.88E+01	mg/L	6.88E+01	6.00E+02	1.20E+02	No
Chromium	2/9	1.18E-01	mg/L	1.18E-01			
Copper	2/9	1.50E-02	mg/L	1.50E-02	1.00E+00	2.00E-01	No
Fluoride	6/8	1.50E-01	mg/L	1.50E-01	1.50E+00	3.00E-01	No
Iron	6/9	1.70E+00	mg/L	1.70E+00	1.00E+01	2.00E+00	No
Magnesium	9/9	1.70E+01	mg/L	1.70E+01	1.70E+02	3.40E+01	No
Manganese	9/9	1.50E+00	mg/L	1.50E+00			
Nitrate as Nitrogen	6/9	7.80E+00	mg/L	7.80E+00			
Potassium	3/9	8.10E+00	mg/L	8.10E+00	1.60E+03	3.20E+02	No
Silica	9/9	3.00E+01	mg/L	3.00E+01			
Sodium	9/9	5.50E+01	mg/L	5.50E+01			
Tetraoxo-sulfate(1-)	6/6	2.38E+02	mg/L	2.38E+02			
Vanadium	4/9	1.40E-01	mg/L	1.40E-01			

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=g MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Zinc	4/9	6.20E-02	mg/L	6.20E-02			
Alpha activity	6/12	4.70E+00	pCi/L				
Beta activity	11/12	3.30E+01	pCi/L				
Neptunium-237	2/7	2.00E-01	pCi/L				
Plutonium-239	1/7	2.00E-01	pCi/L				
Radium-226	4/6	1.60E+00	pCi/L				
Radon-222	7/7	6.95E+02	pCi/L				
Technetium-99	11/11	3.80E+01	pCi/L				
Thorium-230	3/7	4.00E-01	pCi/L				

AREA_CODE=h MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	6/9	3.44E-01	mg/L	3.44E-01			
Barium	9/10	1.71E-01	mg/L	1.71E-01			
Calcium	10/10	2.98E+01	mg/L	2.98E+01			
Chloride	10/10	1.10E+01	mg/L	1.10E+01			
Fluoride	9/9	3.30E-01	mg/L	3.30E-01	1.50E+00	3.00E-01	Yes
Iron	10/10	6.14E+00	mg/L	6.14E+00			
Magnesium	10/10	9.76E+00	mg/L	9.76E+00			
Manganese	10/10	1.41E-01	mg/L	1.41E-01			
Nitrate as Nitrogen	1/10	1.40E+00	mg/L	1.40E+00			
Potassium	9/10	1.44E+01	mg/L	1.44E+01			
Silica	9/9	3.60E+01	mg/L	3.60E+01			
Sodium	10/10	1.72E+01	mg/L	1.72E+01			
Tetraoxo-sulfate(1-)	8/8	1.40E+01	mg/L	1.40E+01			
Vanadium	6/7	9.70E-02	mg/L	9.70E-02			
Zinc	4/10	1.90E-02	mg/L	1.90E-02			
Alpha activity	9/12	1.89E+01	pCi/L				
Beta activity	12/12	3.10E+01	pCi/L				
Neptunium-237	2/7	2.00E-01	pCi/L				
Plutonium-239	1/7	1.00E-01	pCi/L				
Radium-226	6/7	1.30E+00	pCi/L				
Radon-222	9/9	3.33E+02	pCi/L				
Technetium-99	9/12	2.10E+01	pCi/L				

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=h MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Thorium-230	4/7	2.30E+00	pCi/L				

AREA_CODE=h MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	24/28	1.41E+00	mg/L	1.41E+00			
Antimony	1/28	6.40E-02	mg/L	6.40E-02			
Barium	25/28	1.47E-01	mg/L	1.47E-01			
Calcium	28/28	1.91E+01	mg/L	1.91E+01	8.00E+02	1.60E+02	No
Chloride	28/28	5.90E+01	mg/L	5.90E+01	6.00E+02	1.20E+02	No
Chromium	1/28	9.40E-02	mg/L	9.40E-02			
Copper	5/27	4.80E-02	mg/L	4.80E-02	1.00E+00	2.00E-01	No
Fluoride	27/27	2.90E+00	mg/L	2.90E+00	1.50E+00	3.00E-01	Yes
Iron	21/28	3.83E+00	mg/L	3.83E+00	1.00E+01	2.00E+00	Yes
Magnesium	28/28	7.12E+00	mg/L	7.12E+00	1.70E+02	3.40E+01	No
Manganese	12/28	6.02E+00	mg/L	6.02E+00			
Mercury	1/26	3.80E-03	mg/L	3.80E-03			
Nickel	2/28	7.20E-02	mg/L	7.20E-02			
Nitrate as Nitrogen	25/28	4.60E+00	mg/L	4.60E+00			
Potassium	1/28	3.88E+00	mg/L	3.88E+00	1.60E+03	3.20E+02	No
Silica	28/28	2.20E+01	mg/L	2.20E+01			
Sodium	28/28	8.97E+01	mg/L	8.97E+01			
Tetraoxo-sulfate(1-)	19/19	4.88E+01	mg/L	4.88E+01			
Thallium	1/28	7.50E-02	mg/L	7.50E-02			
Vanadium	18/28	4.98E+00	mg/L	4.98E+00			
Zinc	13/28	3.80E-02	mg/L	3.80E-02			
Alpha activity	21/28	7.40E+00	pCi/L				
Beta activity	28/28	1.30E+01	pCi/L				
Neptunium-237	10/28	8.00E-01	pCi/L				
Plutonium-239	6/27	1.00E-01	pCi/L				
Radium-226	19/24	9.00E-01	pCi/L				
Radon-222	28/28	5.29E+03	pCi/L				
Technetium-99	20/28	2.20E+01	pCi/L				
Thorium-230	23/28	1.60E+00	pCi/L				

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=h MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	6/8	2.31E+00	mg/L	2.31E+00			
Arsenic	1/10	7.00E-03	mg/L	7.00E-03			
Barium	10/11	2.82E-01	mg/L	2.82E-01			
Calcium	11/11	5.65E+01	mg/L	5.65E+01	8.00E+02	1.60E+02	No
Chloride	9/9	1.09E+02	mg/L	1.09E+02	6.00E+02	1.20E+02	No
Chromium	3/8	2.32E-01	mg/L	2.32E-01			
Copper	2/11	5.30E-02	mg/L	5.30E-02	1.00E+00	2.00E-01	No
Fluoride	7/7	2.60E-01	mg/L	2.60E-01			
Iron	10/11	4.68E+01	mg/L	4.68E+01	1.00E+01	2.00E+00	Yes
Magnesium	11/11	1.87E+01	mg/L	1.87E+01	1.70E+02	3.40E+01	No
Manganese	9/11	1.42E-01	mg/L	1.42E-01			
Nickel	2/11	6.50E-02	mg/L	6.50E-02			
Nitrate as Nitrogen	9/9	3.83E+01	mg/L	3.83E+01			
Potassium	1/11	2.20E+00	mg/L	2.20E+00			
Silica	7/7	2.00E+01	mg/L	2.00E+01			
Sodium	10/10	6.96E+01	mg/L	6.96E+01			
Tetraoxo-sulfate(1-)	9/9	2.26E+01	mg/L	2.26E+01			
Uranium	2/24	1.60E-02	mg/L	1.60E-02			
Vanadium	4/5	1.47E-01	mg/L	1.47E-01			
Zinc	4/11	4.40E-02	mg/L	4.40E-02			
Trichloroethene	2/28	3.00E-03	mg/L	3.00E-03			
cis-1,2-Dichloroethene	1/10	2.40E-03	mg/L	2.40E-03			
Alpha activity	125/173	3.14E+01	pCi/L				
Beta activity	147/173	5.70E+01	pCi/L				
Radon-222	57/57	1.06E+03	pCi/L				
Technetium-99	97/415	3.40E+01	pCi/L				

AREA_CODE=h MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	2/2	1.64E+00	mg/L	1.64E+00			
Barium	3/3	1.12E-01	mg/L	1.12E-01			
Calcium	3/3	2.63E+01	mg/L	2.63E+01	8.00E+02	1.60E+02	No
Chloride	3/3	3.30E+01	mg/L	3.30E+01	6.00E+02	1.20E+02	No
Fluoride	3/3	2.30E-01	mg/L	2.30E-01	1.50E+00	3.00E-01	No
Iron	3/3	2.01E+00	mg/L	2.01E+00	1.00E+01	2.00E+00	Yes

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=h MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Magnesium	3/3	9.45E+00	mg/L	9.45E+00	1.70E+02	3.40E+01	No
Manganese	3/3	7.80E-02	mg/L	7.80E-02			
Nickel	3/3	5.70E-01	mg/L	5.70E-01			
Nitrate as Nitrogen	3/3	2.80E+00	mg/L	2.80E+00			
Potassium	2/3	5.14E+00	mg/L	5.14E+00	1.60E+03	3.20E+02	No
Silica	2/2	3.90E+01	mg/L	3.90E+01			
Sodium	3/3	4.52E+01	mg/L	4.52E+01			
Tetraoxo-sulfate(1-)	3/3	4.10E+01	mg/L	4.10E+01			
Vanadium	2/2	8.00E-02	mg/L	8.00E-02			
Zinc	1/3	1.80E-02	mg/L	1.80E-02			
Alpha activity	8/11	5.40E+00	pCi/L				
Beta activity	11/11	1.50E+01	pCi/L				
Radon-222	1/1	2.68E+02	pCi/L				
Technetium-99	8/11	2.20E+01	pCi/L				

AREA_CODE=i MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	2/2	3.84E-01	mg/L	3.84E-01			
Barium	3/3	1.45E-01	mg/L	1.45E-01			
Calcium	3/3	4.10E+01	mg/L	4.10E+01	8.00E+02	1.60E+02	No
Chloride	3/3	3.10E+01	mg/L	3.10E+01	6.00E+02	1.20E+02	No
Fluoride	3/3	2.50E-01	mg/L	2.50E-01			
Iron	2/3	4.01E-01	mg/L	4.01E-01			
Magnesium	3/3	1.76E+01	mg/L	1.76E+01	1.70E+02	3.40E+01	No
Manganese	3/3	9.83E-01	mg/L	9.83E-01			
Nitrate as Nitrogen	1/3	2.30E+00	mg/L	2.30E+00			
Potassium	3/3	1.14E+01	mg/L	1.14E+01			
Silica	2/2	2.80E+01	mg/L	2.80E+01			
Sodium	3/3	2.44E+01	mg/L	2.44E+01			
Tetraoxo-sulfate(1-)	3/3	1.80E+01	mg/L	1.80E+01			
Uranium	1/7	1.00E-03	mg/L	1.00E-03			
Vanadium	1/2	1.87E-01	mg/L	1.87E-01			
Alpha activity	7/10	4.10E+00	pCi/L				
Beta activity	10/10	2.10E+01	pCi/L				

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=i MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Radon-222	1/1	6.40E+01	pCi/L				
Technetium-99	8/10	2.20E+01	pCi/L				

AREA_CODE=i MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	86/110	4.85E+01	mg/L	4.85E+01			
Antimony	6/412	2.73E-01	mg/L	2.73E-01			
Arsenic	17/476	3.60E-02	mg/L	3.60E-02			
Barium	454/476	1.66E+00	mg/L	1.66E+00			
Beryllium	28/412	8.00E-03	mg/L	8.00E-03			
Bicarbonate	3/3	2.37E+02	mg/L	2.37E+02			
Boron	34/48	1.54E+00	mg/L	1.54E+00			
Cadmium	7/483	1.80E-02	mg/L	1.80E-02			
Calcium	147/148	6.85E+01	mg/L	6.85E+01	8.00E+02	1.60E+02	No
Cerium	24/48	8.00E-02	mg/L	8.00E-02			
Chloride	480/483	1.62E+02	mg/L	1.62E+02	6.00E+02	1.20E+02	Yes
Chromium	195/488	2.51E+01	mg/L	2.51E+01			
Cobalt	36/412	8.40E-02	mg/L	8.40E-02			
Copper	42/478	3.10E-01	mg/L	3.10E-01	1.00E+00	2.00E-01	Yes
Fluoride	169/175	7.10E-01	mg/L	7.10E-01	1.50E+00	3.00E-01	Yes
Gallium	24/48	9.00E-02	mg/L	9.00E-02			
Iron	419/484	1.69E+02	mg/L	1.69E+02	1.00E+01	2.00E+00	Yes
Lead	8/445	1.26E-01	mg/L	1.26E-01			
Lithium	24/48	8.00E-02	mg/L	8.00E-02			
Magnesium	148/148	3.49E+01	mg/L	3.49E+01	1.70E+02	3.40E+01	Yes
Manganese	121/148	1.49E+01	mg/L	1.49E+01			
Mercury	2/434	3.00E-04	mg/L	3.00E-04			
Molybdenum	24/87	3.00E-02	mg/L	3.00E-02			
Nickel	161/478	1.89E+00	mg/L	1.89E+00			
Nitrate as Nitrogen	391/477	4.80E+00	mg/L	4.80E+00			
Potassium	69/133	2.21E+01	mg/L	2.21E+01	1.60E+03	3.20E+02	No
Selenium	3/444	9.00E-03	mg/L	9.00E-03	3.00E-02	6.00E-03	Yes
Silica	22/22	3.40E+01	mg/L	3.40E+01			
Silver	15/437	9.70E-02	mg/L	9.70E-02			

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=i MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Sodium	477/477	7.64E+01	mg/L	7.64E+01			
Strontium	54/54	1.70E-01	mg/L	1.70E-01			
Sulfate	73/88	2.21E+02	mg/L	2.21E+02			
Tetraoxo-sulfate(1-)	104/113	3.98E+02	mg/L	3.98E+02			
Thorium	24/48	5.00E-02	mg/L	5.00E-02			
Titanium	27/48	2.20E-01	mg/L	2.20E-01			
Uranium	13/506	2.40E-02	mg/L	2.40E-02			
Vanadium	117/385	4.28E-01	mg/L	4.28E-01			
Zinc	128/476	4.60E-01	mg/L	4.60E-01			
Zirconium	24/48	2.00E-02	mg/L	2.00E-02			
1,1,1-Trichloroethane	1/508	4.00E-03	mg/L	4.00E-03			
1,2-Dichlorobenzene	1/342	5.70E-05	mg/L	5.70E-05			
1,2-Dichloroethene	4/23	2.00E-03	mg/L	2.00E-03			
1,3,5-Trimethylbenzene	1/1	2.00E-04	mg/L	2.00E-04			
1,4-Dichlorobenzene	1/342	6.20E-05	mg/L	6.20E-05			
2-Butanone	42/372	5.10E-02	mg/L	5.10E-02			
4-Bromofluorobenzene	2/2	9.40E-02	mg/L	9.40E-02			
4-Methyl-2-pentanone	2/404	1.70E-02	mg/L	1.70E-02			
Acetone	53/372	9.90E-02	mg/L	9.90E-02			
Acrylonitrile	1/378	1.00E-02	mg/L	1.00E-02			
Benzene	2/505	1.00E-03	mg/L	1.00E-03			
Bis(2-ethylhexyl)phthalate	4/22	9.00E-03	mg/L	9.00E-03			
Bromomethane	3/404	1.00E-03	mg/L	1.00E-03			
Carbazole	1/2	1.20E-02	mg/L	1.20E-02			
Chlorobenzene	2/404	1.00E-03	mg/L	1.00E-03			
Chloroethane	1/404	1.00E-03	mg/L	1.00E-03			
Chloroform	10/524	2.00E-03	mg/L	2.00E-03			
Chloromethane	14/404	2.00E-03	mg/L	2.00E-03			
Chrysene	1/22	6.00E-04	mg/L	6.00E-04			
Di-n-butyl phthalate	2/22	1.00E-02	mg/L	1.00E-02			
Dichlorodifluoromethane	1/404	7.40E-05	mg/L	7.40E-05			
Dimethylbenzene	2/505	3.00E-03	mg/L	3.00E-03			
Ethanol	7/340	3.50E-01	mg/L	3.50E-01			
Ethylbenzene	1/505	1.00E-03	mg/L	1.00E-03			
Methylene chloride	39/404	1.80E-02	mg/L	1.80E-02			
PCB-1254	1/20	9.00E-04	mg/L	9.00E-04			
Polychlorinated biphenyl	1/87	1.00E-04	mg/L	1.00E-04			
Tetrachloroethene	4/460	2.00E-03	mg/L	2.00E-03			
Toluene	15/505	9.00E-03	mg/L	9.00E-03			

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=i MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Trichloroethene	317/611	4.70E-02	mg/L	4.70E-02			
Trichlorofluoromethane	7/404	2.00E-03	mg/L	2.00E-03			
Vinyl chloride	1/526	1.00E-03	mg/L	1.00E-03			
cis-1,2-Dichloroethene	13/451	2.00E-03	mg/L	2.00E-03			
m,p-Xylene	3/12	1.50E-04	mg/L	1.50E-04			
trans-1,2-Dichloroethene	2/516	2.00E-03	mg/L	2.00E-03			
trans-1,3-Dichloropropene	1/404	1.70E-04	mg/L	1.70E-04			
Alpha activity	424/612	3.13E+01	pCi/L				
Americium-241	3/7	8.00E-01	pCi/L				
Beta activity	608/642	1.35E+03	pCi/L				
Cesium-137	5/7	6.00E-01	pCi/L				
Cobalt-60	5/7	1.20E+00	pCi/L				
Neptunium-237	2/3	5.00E-01	pCi/L				
Radium-226	8/8	9.00E-01	pCi/L				
Radon-222	30/30	9.30E+02	pCi/L				
Technetium-99	496/671	1.40E+03	pCi/L				
Thorium-230	2/2	4.00E-01	pCi/L				
Thorium-234	1/1	6.00E-01	pCi/L				

AREA_CODE=i MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	9/9	1.32E+01	mg/L	1.32E+01			
Antimony	4/22	2.35E-01	mg/L	2.35E-01			
Arsenic	11/42	5.70E-02	mg/L	5.70E-02			
Barium	39/42	1.19E+00	mg/L	1.19E+00			
Cadmium	2/46	1.90E-02	mg/L	1.90E-02			
Calcium	18/18	1.28E+02	mg/L	1.28E+02	8.00E+02	1.60E+02	No
Chloride	43/45	9.79E+01	mg/L	9.79E+01	6.00E+02	1.20E+02	No
Chromium	4/46	1.46E-01	mg/L	1.46E-01			
Cobalt	1/22	6.60E-02	mg/L	6.60E-02			
Copper	29/46	1.32E+00	mg/L	1.32E+00	1.00E+00	2.00E-01	Yes
Fluoride	36/41	8.90E+00	mg/L	8.90E+00	1.50E+00	3.00E-01	Yes
Iron	46/46	6.06E+01	mg/L	6.06E+01	1.00E+01	2.00E+00	Yes
Lead	5/37	2.35E-01	mg/L	2.35E-01			

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=i MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Magnesium	18/18	4.37E+01	mg/L	4.37E+01	1.70E+02	3.40E+01	Yes
Manganese	17/18	8.06E+00	mg/L	8.06E+00			
Mercury	3/33	5.00E-04	mg/L	5.00E-04			
Nickel	7/45	5.95E-01	mg/L	5.95E-01			
Nitrate	1/1	2.10E+00	mg/L	2.10E+00			
Nitrate as Nitrogen	25/40	2.30E+00	mg/L	2.30E+00			
Potassium	6/13	1.36E+01	mg/L	1.36E+01	1.60E+03	3.20E+02	No
Selenium	1/37	5.00E-03	mg/L	5.00E-03			
Silica	9/9	3.50E+01	mg/L	3.50E+01			
Silver	1/33	4.50E-02	mg/L	4.50E-02			
Sodium	43/43	1.49E+02	mg/L	1.49E+02			
Sulfate	12/12	1.90E+02	mg/L	1.90E+02			
Tetraoxo-sulfate(1-)	29/29	3.76E+02	mg/L	3.76E+02			
Thallium	1/17	8.20E-03	mg/L	8.20E-03			
Uranium	32/59	6.40E-01	mg/L	6.40E-01			
Vanadium	16/17	4.33E-01	mg/L	4.33E-01			
Zinc	38/46	1.88E+00	mg/L	1.88E+00			
2-Butanone	3/28	7.00E-03	mg/L	7.00E-03			
Acetone	4/28	1.50E-02	mg/L	1.50E-02			
Benzene	1/48	5.00E-03	mg/L	5.00E-03			
Bromodichloromethane	1/49	9.00E-03	mg/L	9.00E-03			
Chloroform	3/50	2.40E-02	mg/L	2.40E-02			
Dibromochloromethane	1/29	2.00E-03	mg/L	2.00E-03			
Dichlorodifluoromethane	3/28	6.00E-03	mg/L	6.00E-03			
Ethanol	3/28	2.40E-02	mg/L	2.40E-02			
Methylene chloride	10/28	1.30E-02	mg/L	1.30E-02			
Trichloroethene	9/89	5.60E-02	mg/L	5.60E-02			
Alpha activity	63/80	3.49E+02	pCi/L				
Beta activity	75/80	1.00E+03	pCi/L				
Cesium-137	3/4	9.00E-01	pCi/L				
Cobalt-60	4/4	1.40E+00	pCi/L				
Radium-226	3/4	7.00E-01	pCi/L				
Radon-222	5/5	5.19E+02	pCi/L				
Technetium-99	77/91	3.39E+02	pCi/L				

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=j MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	2/2	2.04E+00	mg/L	2.04E+00			
Arsenic	1/2	8.54E-02	mg/L	8.54E-02			
Barium	2/2	1.27E-01	mg/L	1.27E-01			
Calcium	2/2	5.51E+01	mg/L	5.51E+01	8.00E+02	1.60E+02	No
Chloride	2/2	3.40E+01	mg/L	3.40E+01	6.00E+02	1.20E+02	No
Fluoride	2/2	1.60E-01	mg/L	1.60E-01			
Iron	1/2	1.22E-01	mg/L	1.22E-01			
Magnesium	2/2	9.50E+00	mg/L	9.50E+00			
Manganese	2/2	3.02E+00	mg/L	3.02E+00			
Molybdenum	1/2	3.15E-01	mg/L	3.15E-01	5.00E-02	1.00E-02	Yes
Potassium	1/2	8.88E+00	mg/L	8.88E+00			
Silica	2/2	1.70E+01	mg/L	1.70E+01			
Sodium	2/2	2.63E+01	mg/L	2.63E+01			
Sulfate	2/2	1.56E+02	mg/L	1.56E+02			
Thallium	1/2	1.03E-01	mg/L	1.03E-01			
Uranium	1/2	1.00E-03	mg/L	1.00E-03			
Vanadium	2/2	1.07E-01	mg/L	1.07E-01			
Alpha activity	2/2	1.00E+00	pCi/L				
Beta activity	2/2	4.30E+01	pCi/L				
Technetium-99	2/2	1.60E+01	pCi/L				
Thorium-230	1/2	1.00E-01	pCi/L				

AREA_CODE=j MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	4/4	7.84E+00	mg/L	7.84E+00			
Arsenic	2/4	9.10E-03	mg/L	9.10E-03			
Barium	4/4	1.11E-01	mg/L	1.11E-01			
Calcium	4/4	1.34E+02	mg/L	1.34E+02	8.00E+02	1.60E+02	No
Chloride	4/4	1.80E+01	mg/L	1.80E+01			
Copper	1/4	1.10E-02	mg/L	1.10E-02			
Fluoride	1/4	1.80E-01	mg/L	1.80E-01			
Iron	4/4	1.03E+01	mg/L	1.03E+01	1.00E+01	2.00E+00	Yes
Magnesium	4/4	1.81E+01	mg/L	1.81E+01	1.70E+02	3.40E+01	No
Manganese	4/4	5.55E+00	mg/L	5.55E+00			
Molybdenum	2/4	2.86E-01	mg/L	2.86E-01	5.00E-02	1.00E-02	Yes

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

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AREA_CODE=j MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Nickel	1/4	5.20E-02	mg/L	5.20E-02			
Nitrate as Nitrogen	1/4	3.40E+00	mg/L	3.40E+00			
Potassium	3/4	1.94E+01	mg/L	1.94E+01	1.60E+03	3.20E+02	No
Silica	4/4	3.20E+01	mg/L	3.20E+01			
Sodium	4/4	2.26E+01	mg/L	2.26E+01			
Sulfate	4/4	7.42E+02	mg/L	7.42E+02			
Thallium	3/4	1.35E-01	mg/L	1.35E-01			
Vanadium	3/4	1.92E-01	mg/L	1.92E-01			
Zinc	4/4	4.10E-02	mg/L	4.10E-02			
2-Butanone	1/1	1.60E-02	mg/L	1.60E-02			
Alpha activity	4/4	2.20E+00	pCi/L				
Beta activity	4/4	4.30E+01	pCi/L				
Neptunium-237	2/4	4.00E-01	pCi/L				
Technetium-99	4/4	1.90E+01	pCi/L				
Thorium-230	3/4	2.00E-01	pCi/L				

AREA_CODE=k MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	37/55	8.77E+01	mg/L	8.77E+01			
Ammonia as Nitrogen	1/3	6.23E+00	mg/L	6.23E+00			
Antimony	2/40	5.23E-02	mg/L	5.23E-02			
Arsenic	5/75	2.10E-02	mg/L	2.10E-02			
Barium	42/75	2.78E-01	mg/L	2.78E-01			
Beryllium	6/40	6.28E-02	mg/L	6.28E-02			
Cadmium	1/75	1.60E-02	mg/L	1.60E-02			
Calcium	37/37	4.39E+02	mg/L	4.39E+02	8.00E+02	1.60E+02	Yes
Chloride	35/35	7.74E+01	mg/L	7.74E+01	6.00E+02	1.20E+02	No
Chromium	10/37	8.50E-02	mg/L	8.50E-02			
Cobalt	11/40	1.01E+00	mg/L	1.01E+00			
Copper	13/40	3.40E-02	mg/L	3.40E-02	1.00E+00	2.00E-01	No
Fluoride	24/32	6.40E-01	mg/L	6.40E-01	1.50E+00	3.00E-01	Yes
Iron	61/72	1.23E+03	mg/L	1.23E+03	1.00E+01	2.00E+00	Yes
Kjeldahl Nitrogen	3/4	1.38E+00	mg/L	1.38E+00			
Lead	14/72	1.78E+00	mg/L	1.78E+00			

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=k MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Magnesium	72/72	1.72E+02	mg/L	1.72E+02	1.70E+02	3.40E+01	Yes
Manganese	70/72	6.00E+01	mg/L	6.00E+01			
Mercury	1/35	3.00E-04	mg/L	3.00E-04			
Nickel	23/75	7.76E-01	mg/L	7.76E-01			
Nitrate as Nitrogen	10/32	3.80E+00	mg/L	3.80E+00			
Nitrate/Nitrite	2/4	2.20E-01	mg/L	2.20E-01			
Potassium	38/69	2.46E+01	mg/L	2.46E+01	1.60E+03	3.20E+02	No
Selenium	3/38	4.90E-03	mg/L	4.90E-03			
Silica	49/50	5.02E+02	mg/L	5.02E+02			
Silver	1/31	2.20E-03	mg/L	2.20E-03			
Sodium	72/72	2.05E+02	mg/L	2.05E+02			
Strontium	30/38	2.33E+00	mg/L	2.33E+00			
Sulfate	3/3	1.98E+03	mg/L	1.98E+03			
Sulfide	2/4	2.40E+00	mg/L	2.40E+00			
Tetraoxo-sulfate(1-)	29/29	4.87E+03	mg/L	4.87E+03			
Tin	1/4	1.05E-02	mg/L	1.05E-02			
Total Phosphate as Phosphorus	1/3	3.40E-01	mg/L	3.40E-01	8.00E+02	1.60E+02	No
Uranium	48/77	1.40E-02	mg/L	1.40E-02			
Vanadium	15/17	3.07E-01	mg/L	3.07E-01			
Zinc	23/40	1.99E+00	mg/L	1.99E+00			
1,1,1-Trichloroethane	3/70	4.40E-02	mg/L	4.40E-02			
1,1-Dichloroethane	11/70	1.40E-01	mg/L	1.40E-01			
1,1-Dichloroethene	11/70	4.60E-01	mg/L	4.60E-01			
1,2-Dichloroethene	2/9	3.30E-01	mg/L	3.30E-01			
Acetone	1/9	1.00E-01	mg/L	1.00E-01			
Di-n-butyl phthalate	1/10	1.40E-02	mg/L	1.40E-02			
Methylene chloride	8/9	1.10E-02	mg/L	1.10E-02			
Naphthalene	1/10	7.00E-02	mg/L	7.00E-02			
Phenanthrene	1/10	2.00E-03	mg/L	2.00E-03			
Trichloroethene	22/81	6.00E-01	mg/L	6.00E-01			
Vinyl chloride	1/70	1.50E-02	mg/L	1.50E-02			
cis-1,2-Dichloroethene	32/62	4.20E+00	mg/L	4.20E+00			
Alpha activity	72/93	5.99E+01	pCi/L				
Beta activity	78/93	1.60E+02	pCi/L				
Neptunium-237	3/8	5.50E-01	pCi/L				
Plutonium-238	1/1	1.00E-01	pCi/L				
Plutonium-239	1/8	1.00E-01	pCi/L				
Plutonium-242	1/1	1.83E-02	pCi/L				
Radium-226	5/6	8.00E-01	pCi/L				

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=k MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Radon-222	30/30	1.31E+03	pCi/L				
Technetium-99	67/93	1.88E+02	pCi/L				
Thorium-228	1/1	7.80E-01	pCi/L				
Thorium-230	7/8	7.90E-01	pCi/L				
Thorium-232	1/1	6.40E-01	pCi/L				
Uranium-234	11/14	8.44E+00	pCi/L				
Uranium-235	5/11	6.10E-01	pCi/L				
Uranium-238	12/14	8.72E+00	pCi/L				

AREA_CODE=k MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Alpha activity	25/27	6.00E+00	pCi/L				
Beta activity	25/27	1.20E+01	pCi/L				
Radon-222	5/6	5.76E+02	pCi/L				
Technetium-99	8/31	2.10E+01	pCi/L				

AREA_CODE=l MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	7/44	1.50E+00	mg/L	1.50E+00			
Antimony	1/26	1.85E-01	mg/L	1.85E-01			
Barium	17/18	1.70E-01	mg/L	1.70E-01			
Calcium	48/48	2.76E+01	mg/L	2.76E+01			
Chloride	45/45	5.51E+01	mg/L	5.51E+01	6.00E+02	1.20E+02	No
Copper	2/18	2.00E-02	mg/L	2.00E-02			
Fluoride	25/25	1.80E-01	mg/L	1.80E-01			
Iron	47/48	1.66E+01	mg/L	1.66E+01			
Magnesium	48/48	1.23E+01	mg/L	1.23E+01			
Manganese	47/48	9.11E-01	mg/L	9.11E-01			
Nitrate as Nitrogen	1/45	5.60E+00	mg/L	5.60E+00			

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=1 MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Potassium	25/44	1.23E+01	mg/L	1.23E+01			
Silica	35/35	3.40E+01	mg/L	3.40E+01			
Sodium	48/48	3.81E+01	mg/L	3.81E+01			
Tetraoxo-sulfate(1-)	27/41	2.89E+01	mg/L	2.89E+01			
Thallium	1/8	1.02E+00	mg/L	1.02E+00			
Vanadium	5/8	6.60E-02	mg/L	6.60E-02			
Zinc	14/18	1.90E-01	mg/L	1.90E-01			
Trichloroethene	5/58	9.60E+00	mg/L	9.60E+00			
Alpha activity	41/50	7.30E+00	pCi/L				
Beta activity	49/50	1.48E+03	pCi/L				
Neptunium-237	6/10	4.00E-01	pCi/L				
Plutonium-238	1/2	5.00E-02	pCi/L				
Plutonium-239	1/7	1.00E-01	pCi/L				
Radium-226	8/9	8.60E-01	pCi/L				
Radon-222	44/44	2.91E+02	pCi/L				
Technetium-99	39/58	1.95E+03	pCi/L				
Thorium-230	6/9	8.00E-01	pCi/L				

AREA_CODE=1 MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Methylene chloride	1/1	5.00E-03	mg/L	5.00E-03			

AREA_CODE=1 MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	177/395	1.43E+02	mg/L	1.43E+02			
Arsenic	34/576	1.40E-01	mg/L	1.40E-01			
Barium	242/252	2.20E+00	mg/L	2.20E+00			
Beryllium	12/255	1.40E-02	mg/L	1.40E-02			
Cadmium	6/590	2.13E-01	mg/L	2.13E-01			

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=1 MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Calcium	485/485	4.87E+01	mg/L	4.87E+01	8.00E+02	1.60E+02	No
Chloride	452/452	5.86E+02	mg/L	5.86E+02	6.00E+02	1.20E+02	Yes
Chromium	85/585	8.62E+00	mg/L	8.62E+00			
Cobalt	11/249	9.00E-02	mg/L	9.00E-02			
Copper	26/260	1.31E-01	mg/L	1.31E-01	1.00E+00	2.00E-01	No
Fluoride	210/317	7.20E+00	mg/L	7.20E+00	1.50E+00	3.00E-01	Yes
Iron	360/490	7.20E+02	mg/L	7.20E+02	1.00E+01	2.00E+00	Yes
Lead	21/490	4.32E-01	mg/L	4.32E-01			
Magnesium	491/491	4.72E+01	mg/L	4.72E+01	1.70E+02	3.40E+01	Yes
Manganese	345/482	8.20E+00	mg/L	8.20E+00			
Mercury	1/472	3.00E-04	mg/L	3.00E-04			
Molybdenum	5/165	1.00E-01	mg/L	1.00E-01	5.00E-02	1.00E-02	Yes
Nickel	94/266	6.73E-01	mg/L	6.73E-01			
Nitrate as Nitrogen	273/438	3.93E+01	mg/L	3.93E+01			
Nitrate/Nitrite	6/6	9.40E+00	mg/L	9.40E+00			
Potassium	77/445	2.44E+01	mg/L	2.44E+01	1.60E+03	3.20E+02	No
Selenium	5/489	4.76E-01	mg/L	4.76E-01	3.00E-02	6.00E-03	Yes
Silica	243/243	4.50E+01	mg/L	4.50E+01			
Silver	2/124	5.70E-03	mg/L	5.70E-03			
Sodium	490/490	2.66E+02	mg/L	2.66E+02			
Strontium	3/3	3.33E-01	mg/L	3.33E-01			
Sulfate	31/31	4.20E+01	mg/L	4.20E+01			
Tetraoxo-sulfate(1-)	399/417	2.24E+02	mg/L	2.24E+02			
Thallium	1/143	2.38E-01	mg/L	2.38E-01			
Tin	4/14	8.00E-01	mg/L	8.00E-01			
Total Phosphate as Phosphorus	12/268	3.49E+01	mg/L	3.49E+01	8.00E+02	1.60E+02	No
Uranium	28/622	1.90E-01	mg/L	1.90E-01			
Vanadium	109/150	9.50E-01	mg/L	9.50E-01			
Zinc	100/262	1.00E+00	mg/L	1.00E+00			
1,1,2-Trichloro-1,2,2-trifluoroethane	2/4	5.70E-03	mg/L	5.70E-03			
1,1,2-Trichloroethane	1/659	2.00E-03	mg/L	2.00E-03			
1,1-Dichloroethane	1/602	4.10E-03	mg/L	4.10E-03			
1,1-Dichloroethene	4/604	6.50E-02	mg/L	6.50E-02			
1,2-Dichloroethane	1/667	1.10E-03	mg/L	1.10E-03			
4-Methyl-2-pentanone	1/22	2.50E-03	mg/L	2.50E-03			
Acetone	4/24	2.30E-02	mg/L	2.30E-02			
Bis(2-ethylhexyl)phthalate	2/12	2.00E-03	mg/L	2.00E-03			
Butyl benzyl phthalate	1/12	1.00E-03	mg/L	1.00E-03			
Carbon tetrachloride	4/668	1.60E-01	mg/L	1.60E-01			

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=1 MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Chlorobenzene	1/22	2.00E-03	mg/L	2.00E-03			
Chloroform	6/666	1.40E-02	mg/L	1.40E-02			
Di-n-butyl phthalate	2/12	2.10E-02	mg/L	2.10E-02			
Dimethylbenzene	1/627	2.20E+00	mg/L	2.20E+00			
Ethane	8/15	1.97E-01	mg/L	1.97E-01			
Ethylbenzene	1/628	8.70E-01	mg/L	8.70E-01			
Ethylene	8/15	4.17E+00	mg/L	4.17E+00			
Methylene chloride	8/22	1.30E-01	mg/L	1.30E-01			
Tetrachloroethene	7/689	3.20E-01	mg/L	3.20E-01			
Toluene	3/628	1.10E-02	mg/L	1.10E-02			
Trichloroethene	816/1E3	4.60E+02	mg/L	4.60E+02			
Vinyl chloride	2/680	6.30E+00	mg/L	6.30E+00			
cis-1,2-Dichloroethene	25/670	4.20E+00	mg/L	4.20E+00			
trans-1,2-Dichloroethene	4/666	1.20E+00	mg/L	1.20E+00			
Alpha activity	606/885	6.59E+01	pCi/L				
Americium-241	13/21	3.50E+00	pCi/L				
Beta activity	794/885	9.83E+03	pCi/L				
Cesium-137	9/36	2.07E+01	pCi/L				
Cobalt-60	8/11	2.30E+00	pCi/L				
Neptunium-237	36/58	1.44E+01	pCi/L				
Plutonium-238	9/13	7.00E-02	pCi/L				
Plutonium-239	12/38	2.00E-01	pCi/L				
Plutonium-239/240	5/7	3.06E-02	pCi/L				
Radium-226	40/45	7.39E+02	pCi/L				
Radon-222	311/311	9.48E+03	pCi/L				
Technetium-99	1E3/2E3	1.67E+04	pCi/L				
Thorium-230	41/52	4.70E+00	pCi/L				
Uranium-234	24/32	2.00E+02	pCi/L				
Uranium-235	10/22	9.96E+00	pCi/L				
Uranium-235/236	8/10	3.50E-01	pCi/L				
Uranium-238	21/29	2.11E+02	pCi/L				

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	129/151	6.24E+01	mg/L	6.24E+01			
Ammonia as Nitrogen	2/4	1.60E-01	mg/L	1.60E-01			
Antimony	3/133	2.79E-02	mg/L	2.79E-02			
Arsenic	69/263	4.53E-01	mg/L	4.53E-01			
Barium	126/134	8.88E-01	mg/L	8.88E-01			
Beryllium	5/127	1.70E-03	mg/L	1.70E-03			
Cadmium	6/269	1.80E-02	mg/L	1.80E-02			
Calcium	164/164	3.78E+02	mg/L	3.78E+02	8.00E+02	1.60E+02	Yes
Chloride	161/162	6.29E+02	mg/L	6.29E+02	6.00E+02	1.20E+02	Yes
Chromium	46/262	1.36E+00	mg/L	1.36E+00			
Cobalt	9/125	6.76E-02	mg/L	6.76E-02			
Copper	16/127	3.30E-02	mg/L	3.30E-02	1.00E+00	2.00E-01	No
Cyanide	2/9	1.00E-02	mg/L	1.00E-02			
Fluoride	85/134	2.40E+00	mg/L	2.40E+00	1.50E+00	3.00E-01	Yes
Iron	158/170	3.44E+02	mg/L	3.44E+02	1.00E+01	2.00E+00	Yes
Kjeldahl Nitrogen	3/4	8.95E+00	mg/L	8.95E+00			
Lead	10/193	1.38E+00	mg/L	1.38E+00			
Magnesium	173/173	9.40E+01	mg/L	9.40E+01	1.70E+02	3.40E+01	Yes
Manganese	143/168	2.70E+01	mg/L	2.70E+01			
Mercury	2/180	3.00E-04	mg/L	3.00E-04			
Molybdenum	1/105	1.00E-02	mg/L	1.00E-02	5.00E-02	1.00E-02	Yes
Nickel	48/137	2.30E+00	mg/L	2.30E+00			
Nitrate as Nitrogen	40/150	2.69E+01	mg/L	2.69E+01			
Nitrate/Nitrite	7/9	9.38E+00	mg/L	9.38E+00			
Orthophosphate	3/3	1.60E-01	mg/L	1.60E-01			
Potassium	32/165	2.98E+01	mg/L	2.98E+01	1.60E+03	3.20E+02	No
Selenium	9/183	1.60E-02	mg/L	1.60E-02	3.00E-02	6.00E-03	Yes
Silica	87/87	7.90E+01	mg/L	7.90E+01			
Silver	3/27	5.00E-03	mg/L	5.00E-03			
Sodium	173/173	2.81E+02	mg/L	2.81E+02			
Strontium	9/10	1.64E+00	mg/L	1.64E+00			
Sulfate	17/18	2.19E+02	mg/L	2.19E+02			
Sulfide	3/4	6.40E+01	mg/L	6.40E+01			

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater
(continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Tetraoxo-sulfate(1-)	138/143	6.95E+02	mg/L	6.95E+02			
Thallium	2/108	9.10E-02	mg/L	9.10E-02			
Tin	1/5	2.60E-02	mg/L	2.60E-02			
Uranium	41/226	1.30E-01	mg/L	1.30E-01			
Vanadium	94/110	7.11E-01	mg/L	7.11E-01			
Zinc	66/128	9.90E-02	mg/L	9.90E-02			
1,1,1-Trichloroethane	2/106	1.60E-02	mg/L	1.60E-02			
1,1-Dichloroethane	3/108	1.20E-02	mg/L	1.20E-02			
1,1-Dichloroethene	10/125	2.00E-01	mg/L	2.00E-01			
1,2-Dichloroethane	1/152	2.00E-03	mg/L	2.00E-03			
1,2-Dichloroethene	2/10	1.40E-02	mg/L	1.40E-02			
2,4-Dichlorophenol	1/10	4.00E-04	mg/L	4.00E-04			
2,4-Dimethylphenol	1/10	4.40E-03	mg/L	4.40E-03			
4-Methyl-2-pentanone	1/13	1.90E-03	mg/L	1.90E-03			
4-Methylphenol	1/10	2.10E-04	mg/L	2.10E-04			
Acetone	1/14	5.20E-03	mg/L	5.20E-03			
Benzene	3/189	7.80E-03	mg/L	7.80E-03			
Bis(2-ethylhexyl)phthalate	1/10	1.00E-03	mg/L	1.00E-03			
Chloroethane	1/17	8.20E-01	mg/L	8.20E-01			
Chloroform	7/153	1.70E-02	mg/L	1.70E-02			
Di-n-butyl phthalate	3/10	9.80E-04	mg/L	9.80E-04			
Diethyl phthalate	1/10	8.50E-04	mg/L	8.50E-04			
Dimethylbenzene	13/189	2.80E+00	mg/L	2.80E+00			
Ethane	3/5	3.03E-01	mg/L	3.03E-01			
Ethylbenzene	15/190	1.50E+00	mg/L	1.50E+00			
Ethylene	3/5	3.96E+00	mg/L	3.96E+00			
Fluorene	1/17	7.00E-03	mg/L	7.00E-03			
Isophorone	1/10	6.60E-03	mg/L	6.60E-03			
Methylene chloride	6/13	1.80E-02	mg/L	1.80E-02			
Naphthalene	1/17	4.70E-02	mg/L	4.70E-02			
Phenanthrene	1/17	5.00E-03	mg/L	5.00E-03			
Toluene	1/188	1.80E-02	mg/L	1.80E-02			

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=l MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Trichloroethene	314/470	3.10E+03	mg/L	3.10E+03			
Vinyl chloride	34/168	5.00E+00	mg/L	5.00E+00			
cis-1,2-Dichloroethene	58/158	4.90E+00	mg/L	4.90E+00			
trans-1,2-Dichloroethene	3/157	5.00E-01	mg/L	5.00E-01			
Alpha activity	288/344	5.75E+01	pCi/L				
Americium-241	2/5	3.40E-01	pCi/L				
Beta activity	314/344	1.26E+03	pCi/L				
Cobalt-60	2/3	1.20E+00	pCi/L				
Neptunium-237	10/16	2.37E+00	pCi/L				
Plutonium-238	3/4	1.10E-01	pCi/L				
Plutonium-239	5/13	7.60E-01	pCi/L				
Plutonium-239/240	1/1	2.07E-02	pCi/L				
Radium-226	2/5	6.00E-01	pCi/L				
Radon-222	44/44	2.05E+03	pCi/L				
Technetium-99	459/496	1.01E+03	pCi/L				
Thorium-228	2/2	6.40E-01	pCi/L				
Thorium-230	13/15	8.00E-01	pCi/L				
Thorium-232	2/2	4.90E-01	pCi/L				
Uranium-234	14/16	1.84E+01	pCi/L				
Uranium-235	6/9	1.22E+00	pCi/L				
Uranium-235/236	4/5	8.00E-02	pCi/L				
Uranium-238	13/14	4.19E+01	pCi/L				

AREA_CODE=m MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	23/66	9.04E+01	mg/L	9.04E+01			
Arsenic	4/41	8.54E-02	mg/L	8.54E-02			
Barium	34/41	6.70E-01	mg/L	6.70E-01			
Beryllium	1/41	1.70E-02	mg/L	1.70E-02			
Cadmium	1/41	2.10E-02	mg/L	2.10E-02			
Calcium	71/71	1.18E+02	mg/L	1.18E+02	8.00E+02	1.60E+02	No
Chloride	68/68	3.40E+01	mg/L	3.40E+01	6.00E+02	1.20E+02	No
Chromium	2/33	2.32E-01	mg/L	2.32E-01			
Cobalt	1/41	1.21E-01	mg/L	1.21E-01			

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=m MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Copper	4/41	1.63E-01	mg/L	1.63E-01	1.00E+00	2.00E-01	No
Fluoride	46/46	3.90E-01	mg/L	3.90E-01	1.50E+00	3.00E-01	Yes
Iron	69/71	1.79E+02	mg/L	1.79E+02	1.00E+01	2.00E+00	Yes
Magnesium	71/71	6.46E+01	mg/L	6.46E+01	1.70E+02	3.40E+01	Yes
Manganese	71/71	3.91E+00	mg/L	3.91E+00			
Mercury	1/24	4.50E-03	mg/L	4.50E-03			
Molybdenum	1/36	3.15E-01	mg/L	3.15E-01	5.00E-02	1.00E-02	Yes
Nickel	2/41	1.09E-01	mg/L	1.09E-01			
Nitrate as Nitrogen	4/68	2.30E+00	mg/L	2.30E+00			
Potassium	53/69	8.61E+01	mg/L	8.61E+01	1.60E+03	3.20E+02	No
Silica	56/56	5.80E+01	mg/L	5.80E+01			
Sodium	71/71	7.65E+01	mg/L	7.65E+01			
Sulfate	4/4	1.17E+03	mg/L	1.17E+03			
Tetraoxo-sulfate(1-)	59/59	1.97E+01	mg/L	1.97E+01			
Thallium	2/24	1.23E-01	mg/L	1.23E-01			
Total Phosphate as Phosphorus	1/35	5.20E+00	mg/L	5.20E+00	8.00E+02	1.60E+02	No
Uranium	4/49	1.80E-02	mg/L	1.80E-02			
Vanadium	16/24	8.36E-01	mg/L	8.36E-01			
Zinc	19/41	5.64E-01	mg/L	5.64E-01			
Trichloroethene	5/96	7.00E-03	mg/L	7.00E-03			
Alpha activity	83/95	1.07E+02	pCi/L				
Beta activity	95/95	2.36E+02	pCi/L				
Neptunium-237	6/17	5.00E-01	pCi/L				
Plutonium-239	3/17	2.00E-01	pCi/L				
Radium-226	11/13	1.30E+00	pCi/L				
Radon-222	54/54	3.91E+02	pCi/L				
Technetium-99	74/100	5.30E+01	pCi/L				
Thorium-230	10/17	2.30E+00	pCi/L				

AREA_CODE=m MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	61/83	8.77E+01	mg/L	8.77E+01			
Ammonia as Nitrogen	1/3	6.23E+00	mg/L	6.23E+00			
Antimony	3/68	6.40E-02	mg/L	6.40E-02			

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Arsenic	5/103	2.10E-02	mg/L	2.10E-02			
Barium	67/103	2.78E-01	mg/L	2.78E-01			
Beryllium	6/68	6.28E-02	mg/L	6.28E-02			
Cadmium	1/103	1.60E-02	mg/L	1.60E-02			
Calcium	65/65	4.39E+02	mg/L	4.39E+02	8.00E+02	1.60E+02	Yes
Chloride	63/63	7.74E+01	mg/L	7.74E+01	6.00E+02	1.20E+02	No
Chromium	11/65	9.40E-02	mg/L	9.40E-02			
Cobalt	11/68	1.01E+00	mg/L	1.01E+00			
Copper	18/67	4.80E-02	mg/L	4.80E-02	1.00E+00	2.00E-01	No
Fluoride	51/59	2.90E+00	mg/L	2.90E+00	1.50E+00	3.00E-01	Yes
Iron	82/100	1.23E+03	mg/L	1.23E+03	1.00E+01	2.00E+00	Yes
Kjeldahl Nitrogen	3/4	1.38E+00	mg/L	1.38E+00			
Lead	14/100	1.78E+00	mg/L	1.78E+00			
Magnesium	100/100	1.72E+02	mg/L	1.72E+02	1.70E+02	3.40E+01	Yes
Manganese	82/100	6.00E+01	mg/L	6.00E+01			
Mercury	2/61	3.80E-03	mg/L	3.80E-03			
Nickel	25/103	7.76E-01	mg/L	7.76E-01			
Nitrate as Nitrogen	35/60	4.60E+00	mg/L	4.60E+00			
Nitrate/Nitrite	2/4	2.20E-01	mg/L	2.20E-01			
Potassium	39/97	2.46E+01	mg/L	2.46E+01	1.60E+03	3.20E+02	No
Selenium	3/66	4.90E-03	mg/L	4.90E-03			
Silica	77/78	5.02E+02	mg/L	5.02E+02			
Silver	1/31	2.20E-03	mg/L	2.20E-03			
Sodium	100/100	2.05E+02	mg/L	2.05E+02			
Strontium	30/38	2.33E+00	mg/L	2.33E+00			
Sulfate	3/3	1.98E+03	mg/L	1.98E+03			
Sulfide	2/4	2.40E+00	mg/L	2.40E+00			
Tetraoxo-sulfate(1-)	48/48	4.87E+03	mg/L	4.87E+03			
Thallium	1/45	7.50E-02	mg/L	7.50E-02			
Tin	1/4	1.05E-02	mg/L	1.05E-02			
Total Phosphate as Phosphorus	1/3	3.40E-01	mg/L	3.40E-01	8.00E+02	1.60E+02	No
Uranium	48/103	1.40E-02	mg/L	1.40E-02			
Vanadium	33/45	4.98E+00	mg/L	4.98E+00			
Zinc	36/68	1.99E+00	mg/L	1.99E+00			
1,1,1-Trichloroethane	3/71	4.40E-02	mg/L	4.40E-02			
1,1-Dichloroethane	11/71	1.40E-01	mg/L	1.40E-01			
1,1-Dichloroethene	11/71	4.60E-01	mg/L	4.60E-01			
1,2-Dichloroethene	2/9	3.30E-01	mg/L	3.30E-01			
Acetone	1/9	1.00E-01	mg/L	1.00E-01			

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Di-n-butyl phthalate	1/10	1.40E-02	mg/L	1.40E-02			
Methylene chloride	8/9	1.10E-02	mg/L	1.10E-02			
Naphthalene	1/10	7.00E-02	mg/L	7.00E-02			
Phenanthrene	1/10	2.00E-03	mg/L	2.00E-03			
Trichloroethene	22/110	6.00E-01	mg/L	6.00E-01			
Vinyl chloride	1/71	1.50E-02	mg/L	1.50E-02			
cis-1,2-Dichloroethene	32/63	4.20E+00	mg/L	4.20E+00			
Alpha activity	93/121	5.99E+01	pCi/L				
Beta activity	106/121	1.60E+02	pCi/L				
Neptunium-237	13/36	8.00E-01	pCi/L				
Plutonium-238	1/1	1.00E-01	pCi/L				
Plutonium-239	7/35	1.00E-01	pCi/L				
Plutonium-242	1/1	1.83E-02	pCi/L				
Radium-226	24/30	9.00E-01	pCi/L				
Radon-222	58/58	5.29E+03	pCi/L				
Technetium-99	87/121	1.88E+02	pCi/L				
Thorium-228	1/1	7.80E-01	pCi/L				
Thorium-230	30/36	1.60E+00	pCi/L				
Thorium-232	1/1	6.40E-01	pCi/L				
Uranium-234	11/14	8.44E+00	pCi/L				
Uranium-235	5/11	6.10E-01	pCi/L				
Uranium-238	12/14	8.72E+00	pCi/L				

AREA_CODE=m MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	263/594	4.85E+01	mg/L	4.85E+01			
Antimony	6/782	2.73E-01	mg/L	2.73E-01			
Arsenic	23/788	3.60E-02	mg/L	3.60E-02			
Barium	758/784	2.70E+00	mg/L	2.70E+00			
Beryllium	31/719	8.00E-03	mg/L	8.00E-03			
Bicarbonate	3/3	2.37E+02	mg/L	2.37E+02			
Boron	34/48	1.54E+00	mg/L	1.54E+00			
Cadmium	13/799	3.42E-01	mg/L	3.42E-01			
Calcium	678/679	1.34E+02	mg/L	1.34E+02	8.00E+02	1.60E+02	No

626888

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=m MEDIA=RGA Groundwater
(continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Cerium	24/48	8.00E-02	mg/L	8.00E-02			
Chloride	976/979	1.62E+02	mg/L	1.62E+02	6.00E+02	1.20E+02	Yes
Chromium	260/783	2.51E+01	mg/L	2.51E+01			
Cobalt	38/720	8.40E-02	mg/L	8.40E-02			
Copper	88/794	1.87E+00	mg/L	1.87E+00	1.00E+00	2.00E-01	Yes
Fluoride	508/524	7.10E-01	mg/L	7.10E-01	1.50E+00	3.00E-01	Yes
Gallium	24/48	9.00E-02	mg/L	9.00E-02			
Iron	779/1E3	2.91E+02	mg/L	2.91E+02	1.00E+01	2.00E+00	Yes
Lead	13/588	1.29E-01	mg/L	1.29E-01			
Lithium	24/48	8.00E-02	mg/L	8.00E-02			
Magnesium	681/681	3.49E+01	mg/L	3.49E+01	1.70E+02	3.40E+01	Yes
Manganese	374/680	1.49E+01	mg/L	1.49E+01			
Mercury	2/576	3.00E-04	mg/L	3.00E-04			
Molybdenum	27/344	2.86E-01	mg/L	2.86E-01	5.00E-02	1.00E-02	Yes
Nickel	230/794	1.89E+00	mg/L	1.89E+00			
Nitrate as Nitrogen	843/966	3.83E+01	mg/L	3.83E+01			
Potassium	186/638	4.41E+01	mg/L	4.41E+01	1.60E+03	3.20E+02	No
Selenium	3/602	9.00E-03	mg/L	9.00E-03	3.00E-02	6.00E-03	Yes
Silica	325/326	5.20E+01	mg/L	5.20E+01			
Silver	16/569	3.90E-01	mg/L	3.90E-01			
Sodium	1E3/1E3	7.86E+01	mg/L	7.86E+01			
Strontium	54/54	1.70E-01	mg/L	1.70E-01			
Sulfate	119/136	7.42E+02	mg/L	7.42E+02			
Tetraoxo-sulfate(1-)	539/552	3.98E+02	mg/L	3.98E+02			
Thallium	5/557	1.35E-01	mg/L	1.35E-01			
Thorium	24/48	5.00E-02	mg/L	5.00E-02			
Titanium	27/48	2.20E-01	mg/L	2.20E-01			
Total Phosphate as Phosphorus	3/289	2.80E+00	mg/L	2.80E+00	8.00E+02	1.60E+02	No
Uranium	25/823	2.40E-02	mg/L	2.40E-02			
Vanadium	262/567	4.28E-01	mg/L	4.28E-01			
Zinc	251/794	5.30E+00	mg/L	5.30E+00			
Zirconium	24/48	2.00E-02	mg/L	2.00E-02			
1,1,1-Trichloroethane	1/1E3	4.00E-03	mg/L	4.00E-03			
1,1-Dichloroethene	3/1E3	2.00E-02	mg/L	2.00E-02			
1,2-Dichlorobenzene	1/343	5.70E-05	mg/L	5.70E-05			
1,2-Dichloroethene	5/36	1.40E-02	mg/L	1.40E-02			
1,3,5-Trimethylbenzene	1/1	2.00E-04	mg/L	2.00E-04			
1,4-Dichlorobenzene	1/343	6.20E-05	mg/L	6.20E-05			
2-Butanone	45/382	1.70E-01	mg/L	1.70E-01			

526534

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=m MEDIA=RGA Groundwater
(continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
4-Bromofluorobenzene	2/2	9.40E-02	mg/L	9.40E-02			
4-Methyl-2-pentanone	2/411	1.70E-02	mg/L	1.70E-02			
Acetone	54/382	9.90E-02	mg/L	9.90E-02			
Acrylonitrile	1/378	1.00E-02	mg/L	1.00E-02			
Benzene	2/1E3	1.00E-03	mg/L	1.00E-03			
Bis(2-ethylhexyl)phthalate	5/23	2.80E-02	mg/L	2.80E-02			
Bromomethane	3/413	1.00E-03	mg/L	1.00E-03			
Carbazole	1/3	1.20E-02	mg/L	1.20E-02			
Carbon tetrachloride	2/1E3	6.00E-04	mg/L	6.00E-04			
Chlorobenzene	2/413	1.00E-03	mg/L	1.00E-03			
Chloroethane	1/418	1.00E-03	mg/L	1.00E-03			
Chloroform	10/1E3	2.00E-03	mg/L	2.00E-03			
Chloromethane	14/411	2.00E-03	mg/L	2.00E-03			
Chrysene	1/23	6.00E-04	mg/L	6.00E-04			
Di-n-butyl phthalate	2/23	1.00E-02	mg/L	1.00E-02			
Dichlorodifluoromethane	1/404	7.40E-05	mg/L	7.40E-05			
Diethyl phthalate	1/23	1.10E-02	mg/L	1.10E-02			
Dimethylbenzene	3/1E3	6.00E-03	mg/L	6.00E-03			
Ethanol	7/340	3.50E-01	mg/L	3.50E-01			
Ethylbenzene	1/1E3	1.00E-03	mg/L	1.00E-03			
Methylene chloride	39/413	1.80E-02	mg/L	1.80E-02			
PCB-1254	1/20	9.00E-04	mg/L	9.00E-04			
Polychlorinated biphenyl	1/99	1.00E-04	mg/L	1.00E-04			
Tetrachloroethene	4/1E3	2.00E-03	mg/L	2.00E-03			
Toluene	15/1E3	9.00E-03	mg/L	9.00E-03			
Trichloroethene	966/1E3	1.67E+02	mg/L	1.67E+02			
Trichlorofluoromethane	7/404	2.00E-03	mg/L	2.00E-03			
Vinyl chloride	1/1E3	1.00E-03	mg/L	1.00E-03			
cis-1,2-Dichloroethene	20/1E3	2.20E-02	mg/L	2.20E-02			
m,p-Xylene	3/12	1.50E-04	mg/L	1.50E-04			
trans-1,2-Dichloroethene	4/1E3	5.00E-03	mg/L	5.00E-03			
trans-1,3-Dichloropropene	1/413	1.70E-04	mg/L	1.70E-04			
Alpha activity	1E3/2E3	1.88E+02	pCi/L				
Americium-241	3/8	8.00E-01	pCi/L				
Beta activity	2E3/2E3	1.81E+03	pCi/L				
Cesium-137	5/8	6.00E-01	pCi/L				
Cobalt-60	6/8	1.20E+00	pCi/L				
Neptunium-237	28/48	8.00E-01	pCi/L				
Plutonium-239	9/48	2.00E-01	pCi/L				

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=m MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Radium-226	20/27	1.30E+00	pCi/L				
Radon-222	498/499	1.97E+03	pCi/L				
Technetium-99	1E3/2E3	2.11E+03	pCi/L				
Thorium-230	38/47	1.60E+00	pCi/L				
Thorium-234	1/1	6.00E-01	pCi/L				

AREA_CODE=m MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	37/50	8.00E+01	mg/L	8.00E+01			
Antimony	4/44	2.35E-01	mg/L	2.35E-01			
Arsenic	12/63	5.70E-02	mg/L	5.70E-02			
Barium	59/63	1.19E+00	mg/L	1.19E+00			
Cadmium	2/67	1.90E-02	mg/L	1.90E-02			
Calcium	60/61	1.28E+02	mg/L	1.28E+02	8.00E+02	1.60E+02	No
Chloride	79/82	2.13E+02	mg/L	2.13E+02	6.00E+02	1.20E+02	Yes
Chromium	7/67	1.46E-01	mg/L	1.46E-01			
Cobalt	1/43	6.60E-02	mg/L	6.60E-02			
Copper	34/67	1.32E+00	mg/L	1.32E+00	1.00E+00	2.00E-01	Yes
Fluoride	53/60	8.90E+00	mg/L	8.90E+00	1.50E+00	3.00E-01	Yes
Iron	81/89	6.80E+01	mg/L	6.80E+01	1.00E+01	2.00E+00	Yes
Lead	5/50	2.35E-01	mg/L	2.35E-01			
Magnesium	60/61	4.37E+01	mg/L	4.37E+01	1.70E+02	3.40E+01	Yes
Manganese	37/61	8.06E+00	mg/L	8.06E+00			
Mercury	3/46	5.00E-04	mg/L	5.00E-04			
Nickel	12/66	5.95E-01	mg/L	5.95E-01			
Nitrate	1/1	2.10E+00	mg/L	2.10E+00			
Nitrate as Nitrogen	37/77	7.80E+00	mg/L	7.80E+00			
Potassium	14/55	1.36E+01	mg/L	1.36E+01	1.60E+03	3.20E+02	No
Selenium	1/50	5.00E-03	mg/L	5.00E-03			
Silica	48/48	4.30E+01	mg/L	4.30E+01			
Silver	1/38	4.50E-02	mg/L	4.50E-02			
Sodium	85/86	1.49E+02	mg/L	1.49E+02			
Sulfate	13/13	1.90E+02	mg/L	1.90E+02			
Tetraoxo-sulfate(1-)	62/62	3.76E+02	mg/L	3.76E+02			

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=m MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Thallium	1/31	8.20E-03	mg/L	8.20E-03			
Uranium	36/82	6.40E-01	mg/L	6.40E-01			
Vanadium	27/33	7.60E-01	mg/L	7.60E-01			
Zinc	48/66	1.88E+00	mg/L	1.88E+00			
2-Butanone	3/29	7.00E-03	mg/L	7.00E-03			
Acetone	4/29	1.50E-02	mg/L	1.50E-02			
Benzene	1/80	5.00E-03	mg/L	5.00E-03			
Bromodichloromethane	1/82	9.00E-03	mg/L	9.00E-03			
Chloroform	3/83	2.40E-02	mg/L	2.40E-02			
Dibromochloromethane	1/30	2.00E-03	mg/L	2.00E-03			
Dichlorodifluoromethane	3/28	6.00E-03	mg/L	6.00E-03			
Ethanol	3/28	2.40E-02	mg/L	2.40E-02			
Methylene chloride	10/29	1.30E-02	mg/L	1.30E-02			
Trichloroethene	13/153	5.60E-02	mg/L	5.60E-02			
Alpha activity	117/145	3.49E+02	pCi/L				
Beta activity	136/145	1.00E+03	pCi/L				
Cesium-137	3/4	9.00E-01	pCi/L				
Cobalt-60	4/4	1.40E+00	pCi/L				
Neptunium-237	2/7	2.00E-01	pCi/L				
Plutonium-239	1/7	2.00E-01	pCi/L				
Radium-226	7/10	1.60E+00	pCi/L				
Radon-222	35/35	6.95E+02	pCi/L				
Technetium-99	124/155	3.39E+02	pCi/L				
Thorium-230	3/7	4.00E-01	pCi/L				

AREA_CODE=n MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	30/110	9.04E+01	mg/L	9.04E+01			
Antimony	1/76	1.85E-01	mg/L	1.85E-01			
Arsenic	4/59	8.54E-02	mg/L	8.54E-02			
Barium	51/59	6.70E-01	mg/L	6.70E-01			
Beryllium	1/59	1.70E-02	mg/L	1.70E-02			
Cadmium	1/59	2.10E-02	mg/L	2.10E-02			
Calcium	119/119	1.18E+02	mg/L	1.18E+02	8.00E+02	1.60E+02	No

526937

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=n MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Chloride	113/113	5.51E+01	mg/L	5.51E+01	6.00E+02	1.20E+02	No
Chromium	2/49	2.32E-01	mg/L	2.32E-01			
Cobalt	1/59	1.21E-01	mg/L	1.21E-01			
Copper	6/59	1.63E-01	mg/L	1.63E-01	1.00E+00	2.00E-01	No
Fluoride	71/71	3.90E-01	mg/L	3.90E-01	1.50E+00	3.00E-01	Yes
Iron	116/119	1.79E+02	mg/L	1.79E+02	1.00E+01	2.00E+00	Yes
Magnesium	119/119	6.46E+01	mg/L	6.46E+01	1.70E+02	3.40E+01	Yes
Manganese	118/119	3.91E+00	mg/L	3.91E+00			
Mercury	1/41	4.50E-03	mg/L	4.50E-03			
Molybdenum	1/50	3.15E-01	mg/L	3.15E-01	5.00E-02	1.00E-02	Yes
Nickel	2/59	1.09E-01	mg/L	1.09E-01			
Nitrate as Nitrogen	5/113	5.60E+00	mg/L	5.60E+00			
Potassium	78/113	8.61E+01	mg/L	8.61E+01	1.60E+03	3.20E+02	No
Silica	91/91	5.80E+01	mg/L	5.80E+01			
Sodium	119/119	7.65E+01	mg/L	7.65E+01			
Sulfate	4/5	1.17E+03	mg/L	1.17E+03			
Tetraoxo-sulfate(1-)	86/100	2.89E+01	mg/L	2.89E+01			
Thallium	3/32	1.02E+00	mg/L	1.02E+00			
Total Phosphate as Phosphorus	1/70	5.20E+00	mg/L	5.20E+00	8.00E+02	1.60E+02	No
Uranium	4/68	1.80E-02	mg/L	1.80E-02			
Vanadium	21/32	8.36E-01	mg/L	8.36E-01			
Zinc	33/59	5.64E-01	mg/L	5.64E-01			
Trichloroethene	10/154	9.60E+00	mg/L	9.60E+00			
Alpha activity	124/145	1.07E+02	pCi/L				
Beta activity	144/145	1.48E+03	pCi/L				
Neptunium-237	12/27	5.00E-01	pCi/L				
Plutonium-238	1/2	5.00E-02	pCi/L				
Plutonium-239	4/24	2.00E-01	pCi/L				
Radium-226	19/22	1.30E+00	pCi/L				
Radon-222	98/98	3.91E+02	pCi/L				
Technetium-99	113/158	1.95E+03	pCi/L				
Thorium-230	16/26	2.30E+00	pCi/L				

526938

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=n MEDIA=Other Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	61/83	8.77E+01	mg/L	8.77E+01			
Ammonia as Nitrogen	1/3	6.23E+00	mg/L	6.23E+00			
Antimony	3/68	6.40E-02	mg/L	6.40E-02			
Arsenic	5/103	2.10E-02	mg/L	2.10E-02			
Barium	67/103	2.78E-01	mg/L	2.78E-01			
Beryllium	6/68	6.28E-02	mg/L	6.28E-02			
Cadmium	1/103	1.60E-02	mg/L	1.60E-02			
Calcium	65/65	4.39E+02	mg/L	4.39E+02	8.00E+02	1.60E+02	Yes
Chloride	63/63	7.74E+01	mg/L	7.74E+01	6.00E+02	1.20E+02	No
Chromium	11/65	9.40E-02	mg/L	9.40E-02			
Cobalt	11/68	1.01E+00	mg/L	1.01E+00			
Copper	18/67	4.80E-02	mg/L	4.80E-02	1.00E+00	2.00E-01	No
Fluoride	51/59	2.90E+00	mg/L	2.90E+00	1.50E+00	3.00E-01	Yes
Iron	82/100	1.23E+03	mg/L	1.23E+03	1.00E+01	2.00E+00	Yes
Kjeldahl Nitrogen	3/4	1.38E+00	mg/L	1.38E+00			
Lead	14/100	1.78E+00	mg/L	1.78E+00			
Magnesium	100/100	1.72E+02	mg/L	1.72E+02	1.70E+02	3.40E+01	Yes
Manganese	82/100	6.00E+01	mg/L	6.00E+01			
Mercury	2/61	3.80E-03	mg/L	3.80E-03			
Nickel	25/103	7.76E-01	mg/L	7.76E-01			
Nitrate as Nitrogen	35/60	4.60E+00	mg/L	4.60E+00			
Nitrate/Nitrite	2/4	2.20E-01	mg/L	2.20E-01			
Potassium	39/97	2.46E+01	mg/L	2.46E+01	1.60E+03	3.20E+02	No
Selenium	3/66	4.90E-03	mg/L	4.90E-03			
Silica	77/78	5.02E+02	mg/L	5.02E+02			
Silver	1/31	2.20E-03	mg/L	2.20E-03			
Sodium	100/100	2.05E+02	mg/L	2.05E+02			
Strontium	30/38	2.33E+00	mg/L	2.33E+00			
Sulfate	3/3	1.98E+03	mg/L	1.98E+03			
Sulfide	2/4	2.40E+00	mg/L	2.40E+00			
Tetraoxo-sulfate(1-)	48/48	4.87E+03	mg/L	4.87E+03			
Thallium	1/45	7.50E-02	mg/L	7.50E-02			
Tin	1/4	1.05E-02	mg/L	1.05E-02			

526989

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=n MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Total Phosphate as Phosphorus	1/3	3.40E-01	mg/L	3.40E-01	8.00E+02	1.60E+02	No
Uranium	48/103	1.40E-02	mg/L	1.40E-02			
Vanadium	33/45	4.98E+00	mg/L	4.98E+00			
Zinc	36/68	1.99E+00	mg/L	1.99E+00			
1,1,1-Trichloroethane	3/72	4.40E-02	mg/L	4.40E-02			
1,1-Dichloroethane	11/72	1.40E-01	mg/L	1.40E-01			
1,1-Dichloroethene	11/72	4.60E-01	mg/L	4.60E-01			
1,2-Dichloroethene	2/10	3.30E-01	mg/L	3.30E-01			
Acetone	1/10	1.00E-01	mg/L	1.00E-01			
Di-n-butyl phthalate	1/10	1.40E-02	mg/L	1.40E-02			
Methylene chloride	9/10	1.10E-02	mg/L	1.10E-02			
Naphthalene	1/10	7.00E-02	mg/L	7.00E-02			
Phenanthrene	1/10	2.00E-03	mg/L	2.00E-03			
Trichloroethene	22/111	6.00E-01	mg/L	6.00E-01			
Vinyl chloride	1/72	1.50E-02	mg/L	1.50E-02			
cis-1,2-Dichloroethene	32/63	4.20E+00	mg/L	4.20E+00			
Alpha activity	93/121	5.99E+01	pCi/L				
Beta activity	106/121	1.60E+02	pCi/L				
Neptunium-237	13/36	8.00E-01	pCi/L				
Plutonium-238	1/1	1.00E-01	pCi/L				
Plutonium-239	7/35	1.00E-01	pCi/L				
Plutonium-242	1/1	1.83E-02	pCi/L				
Radium-226	24/30	9.00E-01	pCi/L				
Radon-222	58/58	5.29E+03	pCi/L				
Technetium-99	87/121	1.88E+02	pCi/L				
Thorium-228	1/1	7.80E-01	pCi/L				
Thorium-230	30/36	1.60E+00	pCi/L				
Thorium-232	1/1	6.40E-01	pCi/L				
Uranium-234	11/14	8.44E+00	pCi/L				
Uranium-235	5/11	6.10E-01	pCi/L				
Uranium-238	12/14	8.72E+00	pCi/L				

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=n MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	440/989	1.43E+02	mg/L	1.43E+02			
Antimony	6/1E3	2.73E-01	mg/L	2.73E-01			
Arsenic	57/1E3	1.40E-01	mg/L	1.40E-01			
Barium	1E3/1E3	2.70E+00	mg/L	2.70E+00			
Beryllium	43/974	1.40E-02	mg/L	1.40E-02			
Bicarbonate	3/3	2.37E+02	mg/L	2.37E+02			
Boron	34/48	1.54E+00	mg/L	1.54E+00			
Cadmium	19/1E3	3.42E-01	mg/L	3.42E-01			
Calcium	1E3/1E3	1.34E+02	mg/L	1.34E+02	8.00E+02	1.60E+02	No
Cerium	24/48	8.00E-02	mg/L	8.00E-02			
Chloride	1E3/1E3	5.86E+02	mg/L	5.86E+02	6.00E+02	1.20E+02	Yes
Chromium	345/1E3	2.51E+01	mg/L	2.51E+01			
Cobalt	49/969	9.00E-02	mg/L	9.00E-02			
Copper	114/1E3	1.87E+00	mg/L	1.87E+00	1.00E+00	2.00E-01	Yes
Fluoride	718/841	7.20E+00	mg/L	7.20E+00	1.50E+00	3.00E-01	Yes
Gallium	24/48	9.00E-02	mg/L	9.00E-02			
Iron	1E3/2E3	7.20E+02	mg/L	7.20E+02	1.00E+01	2.00E+00	Yes
Lead	34/1E3	4.32E-01	mg/L	4.32E-01			
Lithium	24/48	8.00E-02	mg/L	8.00E-02			
Magnesium	1E3/1E3	4.72E+01	mg/L	4.72E+01	1.70E+02	3.40E+01	Yes
Manganese	719/1E3	1.49E+01	mg/L	1.49E+01			
Mercury	3/1E3	3.00E-04	mg/L	3.00E-04			
Molybdenum	32/509	2.86E-01	mg/L	2.86E-01	5.00E-02	1.00E-02	Yes
Nickel	324/1E3	1.89E+00	mg/L	1.89E+00			
Nitrate as Nitrogen	1E3/1E3	3.93E+01	mg/L	3.93E+01			
Nitrate/Nitrite	6/6	9.40E+00	mg/L	9.40E+00			
Potassium	263/1E3	4.41E+01	mg/L	4.41E+01	1.60E+03	3.20E+02	No
Selenium	8/1E3	4.76E-01	mg/L	4.76E-01	3.00E-02	6.00E-03	Yes
Silica	568/569	5.20E+01	mg/L	5.20E+01			
Silver	18/693	3.90E-01	mg/L	3.90E-01			
Sodium	1E3/1E3	2.66E+02	mg/L	2.66E+02			
Strontium	57/57	3.33E-01	mg/L	3.33E-01			
Sulfate	150/167	7.42E+02	mg/L	7.42E+02			

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Tetraoxo-sulfate(1-)	938/969	3.98E+02	mg/L	3.98E+02			
Thallium	6/700	2.38E-01	mg/L	2.38E-01			
Thorium	24/48	5.00E-02	mg/L	5.00E-02			
Tin	4/41	8.00E-01	mg/L	8.00E-01			
Titanium	27/48	2.20E-01	mg/L	2.20E-01			
Total Phosphate as Phosphorus	15/557	3.49E+01	mg/L	3.49E+01	8.00E+02	1.60E+02	No
Uranium	53/1E3	1.90E-01	mg/L	1.90E-01			
Vanadium	371/717	9.50E-01	mg/L	9.50E-01			
Zinc	351/1E3	5.30E+00	mg/L	5.30E+00			
Zirconium	24/48	2.00E-02	mg/L	2.00E-02			
1,1,1-Trichloroethane	1/2E3	4.00E-03	mg/L	4.00E-03			
1,1,2-Trichloro-1,2,2-trifluoroethane	2/55	5.70E-03	mg/L	5.70E-03			
1,1,2-Trichloroethane	1/2E3	2.00E-03	mg/L	2.00E-03			
1,1-Dichloroethane	1/2E3	4.10E-03	mg/L	4.10E-03			
1,1-Dichloroethene	7/2E3	6.50E-02	mg/L	6.50E-02			
1,2-Dichlorobenzene	1/359	5.70E-05	mg/L	5.70E-05			
1,2-Dichloroethane	1/2E3	1.10E-03	mg/L	1.10E-03			
1,2-Dichloroethene	5/50	1.40E-02	mg/L	1.40E-02			
1,3,5-Trimethylbenzene	1/1	2.00E-04	mg/L	2.00E-04			
1,4-Dichlorobenzene	1/359	6.20E-05	mg/L	6.20E-05			
2-Butanone	45/404	1.70E-01	mg/L	1.70E-01			
4-Bromofluorobenzene	2/2	9.40E-02	mg/L	9.40E-02			
4-Methyl-2-pentanone	3/433	1.70E-02	mg/L	1.70E-02			
Acetone	58/406	9.90E-02	mg/L	9.90E-02			
Acrylonitrile	1/384	1.00E-02	mg/L	1.00E-02			
Benzene	2/2E3	1.00E-03	mg/L	1.00E-03			
Bis(2-ethylhexyl)phthalate	7/35	2.80E-02	mg/L	2.80E-02			
Bromomethane	3/436	1.00E-03	mg/L	1.00E-03			
Butyl benzyl phthalate	1/35	1.00E-03	mg/L	1.00E-03			
Carbazole	1/15	1.20E-02	mg/L	1.20E-02			
Carbon tetrachloride	6/2E3	1.60E-01	mg/L	1.60E-01			
Chlorobenzene	3/435	2.00E-03	mg/L	2.00E-03			

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Chloroethane	1/448	1.00E-03	mg/L	1.00E-03			
Chloroform	16/2E3	1.40E-02	mg/L	1.40E-02			
Chloromethane	14/434	2.00E-03	mg/L	2.00E-03			
Chrysene	1/35	6.00E-04	mg/L	6.00E-04			
Di-n-butyl phthalate	4/35	2.10E-02	mg/L	2.10E-02			
Dichlorodifluoromethane	1/410	7.40E-05	mg/L	7.40E-05			
Diethyl phthalate	1/35	1.10E-02	mg/L	1.10E-02			
Dimethylbenzene	4/2E3	2.20E+00	mg/L	2.20E+00			
Ethane	8/24	1.97E-01	mg/L	1.97E-01			
Ethanol	7/340	3.50E-01	mg/L	3.50E-01			
Ethylbenzene	2/2E3	8.70E-01	mg/L	8.70E-01			
Ethylene	8/24	4.17E+00	mg/L	4.17E+00			
Methylene chloride	47/435	1.30E-01	mg/L	1.30E-01			
PCB-1254	1/26	9.00E-04	mg/L	9.00E-04			
Polychlorinated biphenyl	1/135	1.00E-04	mg/L	1.00E-04			
Tetrachloroethene	11/2E3	3.20E-01	mg/L	3.20E-01			
Toluene	18/2E3	1.10E-02	mg/L	1.10E-02			
Trichloroethene	2E3/3E3	4.60E+02	mg/L	4.60E+02			
Trichlorofluoromethane	7/412	2.00E-03	mg/L	2.00E-03			
Vinyl chloride	3/2E3	6.30E+00	mg/L	6.30E+00			
cis-1,2-Dichloroethene	45/2E3	4.20E+00	mg/L	4.20E+00			
m,p-Xylene	3/14	1.50E-04	mg/L	1.50E-04			
trans-1,2-Dichloroethene	8/2E3	1.20E+00	mg/L	1.20E+00			
trans-1,3-Dichloropropene	1/436	1.70E-04	mg/L	1.70E-04			
Alpha activity	2E3/3E3	1.88E+02	pCi/L				
Americium-241	16/29	3.50E+00	pCi/L				
Beta activity	2E3/3E3	9.83E+03	pCi/L				
Cesium-137	14/44	2.07E+01	pCi/L				
Cobalt-60	14/19	2.30E+00	pCi/L				
Neptunium-237	64/106	1.44E+01	pCi/L				
Plutonium-238	9/13	7.00E-02	pCi/L				
Plutonium-239	21/86	2.00E-01	pCi/L				

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Plutonium-239/240	5/7	3.06E-02	pCi/L				
Radium-226	60/72	7.39E+02	pCi/L				
Radon-222	809/810	9.48E+03	pCi/L				
Technetium-99	3E3/4E3	1.67E+04	pCi/L				
Thorium-230	79/99	4.70E+00	pCi/L				
Thorium-234	1/1	6.00E-01	pCi/L				
Uranium-234	24/33	2.00E+02	pCi/L				
Uranium-235	10/22	9.96E+00	pCi/L				
Uranium-235/236	8/10	3.50E-01	pCi/L				
Uranium-238	21/30	2.11E+02	pCi/L				

AREA_CODE=n MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Aluminum	166/201	8.00E+01	mg/L	8.00E+01			
Ammonia as Nitrogen	2/4	1.60E-01	mg/L	1.60E-01			
Antimony	7/177	2.35E-01	mg/L	2.35E-01			
Arsenic	81/326	4.53E-01	mg/L	4.53E-01			
Barium	185/197	1.19E+00	mg/L	1.19E+00			
Beryllium	5/170	1.70E-03	mg/L	1.70E-03			
Cadmium	8/336	1.90E-02	mg/L	1.90E-02			
Calcium	224/225	3.78E+02	mg/L	3.78E+02	8.00E+02	1.60E+02	Yes
Chloride	240/244	6.29E+02	mg/L	6.29E+02	6.00E+02	1.20E+02	Yes
Chromium	53/329	1.36E+00	mg/L	1.36E+00			
Cobalt	10/168	6.76E-02	mg/L	6.76E-02			
Copper	50/194	1.32E+00	mg/L	1.32E+00	1.00E+00	2.00E-01	Yes
Cyanide	2/9	1.00E-02	mg/L	1.00E-02			
Fluoride	138/194	8.90E+00	mg/L	8.90E+00	1.50E+00	3.00E-01	Yes
Iron	239/259	3.44E+02	mg/L	3.44E+02	1.00E+01	2.00E+00	Yes
Kjeldahl Nitrogen	3/4	8.95E+00	mg/L	8.95E+00			
Lead	15/243	1.38E+00	mg/L	1.38E+00			
Magnesium	233/234	9.40E+01	mg/L	9.40E+01	1.70E+02	3.40E+01	Yes
Manganese	180/229	2.70E+01	mg/L	2.70E+01			
Mercury	5/226	5.00E-04	mg/L	5.00E-04			
Molybdenum	1/133	1.00E-02	mg/L	1.00E-02	5.00E-02	1.00E-02	Yes

Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=n MEDIA=UCRS Groundwater
(continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Nickel	60/203	2.30E+00	mg/L	2.30E+00			
Nitrate	1/1	2.10E+00	mg/L	2.10E+00			
Nitrate as Nitrogen	77/227	2.69E+01	mg/L	2.69E+01			
Nitrate/Nitrite	7/9	9.38E+00	mg/L	9.38E+00			
Orthophosphate	3/3	1.60E-01	mg/L	1.60E-01			
Potassium	46/220	2.98E+01	mg/L	2.98E+01	1.60E+03	3.20E+02	No
Selenium	10/233	1.60E-02	mg/L	1.60E-02	3.00E-02	6.00E-03	Yes
Silica	135/135	7.90E+01	mg/L	7.90E+01			
Silver	4/65	4.50E-02	mg/L	4.50E-02			
Sodium	258/259	2.81E+02	mg/L	2.81E+02			
Strontium	9/10	1.64E+00	mg/L	1.64E+00			
Sulfate	30/31	2.19E+02	mg/L	2.19E+02			
Sulfide	3/4	6.40E+01	mg/L	6.40E+01			
Tetraoxo-sulfate(1-)	200/205	6.95E+02	mg/L	6.95E+02			
Thallium	3/139	9.10E-02	mg/L	9.10E-02			
Tin	1/6	2.60E-02	mg/L	2.60E-02			
Uranium	77/308	6.40E-01	mg/L	6.40E-01			
Vanadium	121/143	7.60E-01	mg/L	7.60E-01			
Zinc	114/194	1.88E+00	mg/L	1.88E+00			
1,1,1-Trichloroethane	2/186	1.60E-02	mg/L	1.60E-02			
1,1-Dichloroethane	3/188	1.20E-02	mg/L	1.20E-02			
1,1-Dichloroethene	10/205	2.00E-01	mg/L	2.00E-01			
1,2-Dichloroethane	1/233	2.00E-03	mg/L	2.00E-03			
1,2-Dichloroethene	2/15	1.40E-02	mg/L	1.40E-02			
2,4-Dichlorophenol	1/10	4.00E-04	mg/L	4.00E-04			
2,4-Dimethylphenol	1/10	4.40E-03	mg/L	4.40E-03			
2-Butanone	3/42	7.00E-03	mg/L	7.00E-03			
4-Methyl-2-pentanone	1/42	1.90E-03	mg/L	1.90E-03			
4-Methylphenol	1/10	2.10E-04	mg/L	2.10E-04			
Acetone	5/43	1.50E-02	mg/L	1.50E-02			
Benzene	4/269	7.80E-03	mg/L	7.80E-03			
Bis(2-ethylhexyl)phthalate	1/10	1.00E-03	mg/L	1.00E-03			
Bromodichloromethane	1/233	9.00E-03	mg/L	9.00E-03			
Chloroethane	1/46	8.20E-01	mg/L	8.20E-01			
Chloroform	10/236	2.40E-02	mg/L	2.40E-02			
Di-n-butyl phthalate	3/10	9.80E-04	mg/L	9.80E-04			
Dibromochloromethane	1/43	2.00E-03	mg/L	2.00E-03			
Dichlorodifluoromethane	3/29	6.00E-03	mg/L	6.00E-03			
Diethyl phthalate	1/10	8.50E-04	mg/L	8.50E-04			

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Table 2.10 Comparison of maximum detected concentrations of essential nutrients to recommenced dietary allowances for children (continued)

AREA_CODE=n MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Maximum detected concentration	Units	Daily dose for child	RDA for child	1/5 RDA	Exceed RDA?
Dimethylbenzene	13/269	2.80E+00	mg/L	2.80E+00			
Ethane	3/5	3.03E-01	mg/L	3.03E-01			
Ethanol	3/28	2.40E-02	mg/L	2.40E-02			
Ethylbenzene	15/270	1.50E+00	mg/L	1.50E+00			
Ethylene	3/5	3.96E+00	mg/L	3.96E+00			
Fluorene	1/17	7.00E-03	mg/L	7.00E-03			
Isophorone	1/10	6.60E-03	mg/L	6.60E-03			
Methylene chloride	16/42	1.80E-02	mg/L	1.80E-02			
Naphthalene	1/17	4.70E-02	mg/L	4.70E-02			
Phenanthrene	1/17	5.00E-03	mg/L	5.00E-03			
Toluene	1/268	1.80E-02	mg/L	1.80E-02			
Trichloroethene	327/623	3.10E+03	mg/L	3.10E+03			
Vinyl chloride	34/249	5.00E+00	mg/L	5.00E+00			
cis-1,2-Dichloroethene	58/218	4.90E+00	mg/L	4.90E+00			
trans-1,2-Dichloroethene	3/237	5.00E-01	mg/L	5.00E-01			
Alpha activity	405/489	3.49E+02	pCi/L				
Americium-241	2/9	3.40E-01	pCi/L				
Beta activity	450/489	1.26E+03	pCi/L				
Cesium-137	3/13	9.00E-01	pCi/L				
Cobalt-60	6/7	1.40E+00	pCi/L				
Neptunium-237	12/23	2.37E+00	pCi/L				
Plutonium-238	3/4	1.10E-01	pCi/L				
Plutonium-239	6/20	7.60E-01	pCi/L				
Plutonium-239/240	1/1	2.07E-02	pCi/L				
Radium-226	9/15	1.60E+00	pCi/L				
Radon-222	79/79	2.05E+03	pCi/L				
Technetium-99	583/651	1.01E+03	pCi/L				
Thorium-228	2/2	6.40E-01	pCi/L				
Thorium-230	16/22	8.00E-01	pCi/L				
Thorium-232	2/2	4.90E-01	pCi/L				
Uranium-234	14/16	1.84E+01	pCi/L				
Uranium-235	6/9	1.22E+00	pCi/L				
Uranium-235/236	4/5	8.00E-02	pCi/L				
Uranium-238	13/14	4.19E+01	pCi/L				

Table 2.11 Chemicals of potential concern and their frequency of detection

AREA_CODE=a MED_NAME=RGA Groundwater

Analyte	Frequency of Detection
Aluminum	28/42
Arsenic	2/46
Barium	46/46
Chromium	9/46
Fluoride	28/42
Iron	37/45
Manganese	37/46
Tetraoxo-sulfate(1-)*	42/42
Thallium*	1/42
Vanadium	36/42
Zinc	18/46
1,1-Dichloroethene	1/17
Carbon tetrachloride	2/50
Chloroform	1/50
Tetrachloroethene	4/74
Trichloroethene	94/94
cis-1,2-Dichloroethene	4/46
trans-1,2-Dichloroethene	2/46
Cesium-137	3/5
Neptunium-237	6/8
Technetium-99	85/88
Thorium-230	7/8

AREA_CODE=a MED_NAME=UCRS Groundwater

Analyte	Frequency of Detection
Aluminum	14/14
Antimony	1/15
Arsenic	1/15
Barium	15/15
Beryllium	1/15
Chromium	1/16
Cobalt	1/15
Iron	15/15
Lead	2/4
Manganese	14/15
Nickel	2/15
Silica*	3/3
Tetraoxo-sulfate(1-)*	14/14
Uranium	2/6
Vanadium	10/14
Zinc	6/15
1,1-Dichloroethene	1/16
Bis(2-ethylhexyl)phthalate	1/1
Chloroform	1/16
Trichloroethene	34/36
cis-1,2-Dichloroethene	1/25
trans-1,2-Dichloroethene	2/25
Neptunium-237	2/2
Radon-222	1/1
Technetium-99	20/22

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=b MED_NAME=McNairy Groundwater

Analyte	Frequency of Detection
Aluminum	2/35
Antimony	1/13
Nitrate as Nitrogen	1/32
Silica*	26/26
Tetraoxo-sulfate(1-)*	17/31
Trichloroethene	4/43
Technetium-99	28/43

AREA_CODE=b MED_NAME=RGA Groundwater

Analyte	Frequency of Detection
Aluminum	106/298
Arsenic	28/399
Barium	99/105
Beryllium	9/111
Cadmium	3/411
Chromium	50/411
Cobalt	3/105
Fluoride	115/185
Iron	244/343
Lead	8/370
Manganese	218/334
Mercury	1/359
Nitrate as Nitrogen	201/304
Selenium	1/369
Silica*	188/188
Sulfate*	27/27
Tetraoxo-sulfate(1-)*	291/292
Tin	3/13
Uranium	17/416
Vanadium	48/63
Zinc	44/116
1,1,2-Trichloroethane	1/446
1,1-Dichloroethene	1/419
1,2-Dichloroethane	1/449
Acetone	4/11
Carbon tetrachloride	2/450
Chlorobenzene	1/9
Chloroform	3/448
Di-n-butyl phthalate	1/1
Ethane*	8/11
Ethylene*	8/11
Methylene chloride	1/9
Tetrachloroethene	2/449
Trichloroethene	495/791
Vinyl chloride	2/462
cis-1,2-Dichloroethene	11/457
Americium-241	9/15
Cesium-137	3/26
Cobalt-60	7/9
Plutonium-239	9/15
Radium-226	27/31
Radon-222	247/247
Technetium-99	933/1E3
Thorium-230	22/29
Uranium-234	15/21
Uranium-235	4/12

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=b MED_NAME=RGA Groundwater (continued)

Analyte	Frequency of Detection
Uranium-235/236	8/10
Uranium-238	14/18

AREA_CODE=b MED_NAME=UCRS Groundwater

Analyte	Frequency of Detection
Aluminum	68/88
Arsenic	61/196
Barium	64/65
Beryllium	3/67
Cadmium	5/200
Chromium	36/200
Cobalt	1/65
Fluoride	58/78
Iron	90/102
Lead	1/150
Manganese	76/100
Mercury	1/148
Molybdenum	1/58
Nickel	38/68
Nitrate as Nitrogen	20/97
Selenium	4/150
Silica*	41/41
Sulfate*	14/14
Tetraoxo-sulfate(1-)*	90/91
Thallium*	2/53
Tin	1/4
Uranium	18/165
Vanadium	50/56
Zinc	36/68
1,1-Dichloroethene	2/74
1,2-Dichloroethene	1/3
2,4-Dimethylphenol	1/3
Benzene	1/71
Chloroethane	1/9
Di-n-butyl phthalate	3/3
Dimethylbenzene	1/72
Ethane*	3/4
Ethylbenzene	1/72
Ethylene*	3/4
Isophorone	1/3
Trichloroethene	218/291
Vinyl chloride	34/113
cis-1,2-Dichloroethene	55/109
trans-1,2-Dichloroethene	1/109
Americium-241	2/5
Cobalt-60	2/3
Neptunium-237	7/12
Plutonium-239	4/9
Radium-226	2/5
Radon-222	38/38
Technetium-99	313/333
Uranium-234	9/11
Uranium-235	5/8
Uranium-235/236	4/5
Uranium-238	9/9

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Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=c MED_NAME=RGA Groundwater

Analyte	Frequency of Detection
Aluminum	9/16
Barium	32/33
Chromium	11/33
Iron	25/33
Manganese	27/33
Molybdenum	2/16
Silica*	16/16
Sulfate*	4/4
Tetraoxo-sulfate(1-)*	29/29
Zinc	11/33
1,1-Dichloroethene	2/72
Chloroform	2/72
Trichloroethene	78/112
cis-1,2-Dichloroethene	2/72
Radon-222	16/16
Technetium-99	108/113

AREA_CODE=c MED_NAME=UCRS Groundwater

Analyte	Frequency of Detection
Aluminum	6/6
Barium	6/6
Iron	6/6
Manganese	6/6
Silica*	5/5
Tetraoxo-sulfate(1-)*	5/5
Vanadium	4/6
Zinc	5/6
Benzene	1/7
Chloroform	6/8
Trichloroethene	5/22
Technetium-99	23/23

AREA_CODE=d MED_NAME=McNairy Groundwater

Analyte	Frequency of Detection
Silica*	9/9
Tetraoxo-sulfate(1-)*	10/10
Thallium*	1/7
Zinc	12/13
Trichloroethene	1/15

AREA_CODE=d MED_NAME=Other Groundwater

Analyte	Frequency of Detection
Methylene chloride	1/1

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=d MED_NAME=RGA Groundwater

Analyte	Frequency of Detection
Aluminum	34/39
Arsenic	4/98
Barium	65/68
Chromium	15/95
Cobalt	7/65
Fluoride	39/58
Iron	54/69
Lead	13/88
Manganese	63/69
Silica*	32/32
Tetraoxo-sulfate(1-)*	37/54
Tin	1/1
Uranium	6/120
Vanadium	17/35
Zinc	27/67
Bis(2-ethylhexyl)phthalate	2/7
Butyl benzyl phthalate	1/7
Di-n-butyl phthalate	1/7
Dimethylbenzene	1/114
Ethylbenzene	1/114
Methylene chloride	7/9
Tetrachloroethene	1/95
Trichloroethene	149/204
cis-1,2-Dichloroethene	8/95
Americium-241	1/2
Cesium-137	3/4
Cobalt-60	1/2
Plutonium-239	1/15
Radium-226	13/14
Radon-222	44/44
Technetium-99	168/214
Uranium-234	6/7
Uranium-238	4/7

AREA_CODE=d MED_NAME=UCRS Groundwater

Analyte	Frequency of Detection
Aluminum	41/43
Ammonia as Nitrogen	2/4
Antimony	2/39
Arsenic	7/46
Barium	41/48
Beryllium	1/39
Cadmium	1/48
Chromium	9/40
Cobalt	7/39
Fluoride	23/38
Iron	47/47
Kjeldahl Nitrogen*	3/4
Lead	7/39
Manganese	47/47
Mercury	1/28
Nickel	8/48
Nitrate as Nitrogen	12/34
Nitrate/Nitrite	2/4
Orthophosphate*	3/3
Selenium	5/29

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Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=d MED_NAME=UCRS Groundwater (continued)

Analyte	Frequency of Detection
Silica*	38/38
Strontium	9/10
Sulfate*	3/4
Sulfide*	3/4
Tetraoxo-sulfate(1-)*	29/33
Uranium	19/45
Vanadium	30/34
Zinc	19/39
1,1-Dichloroethene	7/29
1,2-Dichloroethane	1/23
1,2-Dichloroethene	1/7
Benzene	1/98
Dimethylbenzene	12/98
Ethylbenzene	14/99
Fluorene	1/12
Methylene chloride	6/6
Naphthalene	1/12
Phenanthrene*	1/12
Trichloroethene	57/121
cis-1,2-Dichloroethene	2/18
Neptunium-237	1/2
Radon-222	5/5
Technetium-99	103/118
Thorium-228	2/2
Uranium-234	5/5
Uranium-235	1/1
Uranium-238	4/5

AREA_CODE=e MED_NAME=McNairy Groundwater

Analyte	Frequency of Detection
Aluminum	6/40
Arsenic	2/11
Barium	6/11
Beryllium	1/11
Cadmium	1/11
Chromium	2/9
Cobalt	1/11
Fluoride	20/20
Iron	41/41
Manganese	41/41
Nickel	2/11
Silica*	30/30
Sulfate*	2/2
Tetraoxo-sulfate(1-)*	36/36
Uranium	2/11
Vanadium	3/4
Zinc	8/11
Trichloroethene	5/52
Radon-222	31/31
Technetium-99	40/53

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Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=e MED_NAME=RGA Groundwater

Analyte	Frequency of Detection
Aluminum	94/348
Arsenic	1/158
Barium	158/159
Beryllium	3/158
Cadmium	2/159
Cobalt	2/159
Copper	29/159
Fluoride	217/222
Iron	226/378
Manganese	158/375
Molybdenum	1/129
Silica*	207/208
Silver	1/59
Sulfate*	21/22
Tetraoxo-sulfate(1-)*	323/323
Thallium*	2/99
Uranium	8/132
Vanadium	74/102
Zinc	69/161
2-Butanone	2/2
Dimethylbenzene	1/350
Trichloroethene	439/472
trans-1,2-Dichloroethene	1/422
Cobalt-60	1/1
Radon-222	255/255
Technetium-99	526/547
Thorium-230	11/14

AREA_CODE=e MED_NAME=UCRS Groundwater

Analyte	Frequency of Detection
Aluminum	16/28
Arsenic	1/6
Barium	6/6
Chromium	1/6
Fluoride	5/5
Iron	23/28
Manganese	5/28
Nickel	2/6
Silica*	26/26
Sulfate*	1/1
Tetraoxo-sulfate(1-)*	21/21
Vanadium	3/3
Zinc	2/5
Trichloroethene	3/34
Radon-222	21/21

AREA_CODE=f MED_NAME=McNairy Groundwater

Analyte	Frequency of Detection
Barium	5/6
Tetraoxo-sulfate(1-)*	6/6
Zinc	3/6

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=f MED_NAME=RGA Groundwater

Analyte	Frequency of Detection
Aluminum	48/93
Arsenic	1/104
Barium	97/98
Cadmium	3/106
Chromium	42/91
Copper	6/106
Iron	88/108
Manganese	58/106
Silica*	55/55
Sulfate*	21/22
Tetraoxo-sulfate(1-)•	79/83
Vanadium	43/45
Zinc	29/106
1,1-Dichloroethene	3/148
1,2-Dichloroethene	1/6
Bis(2-ethylhexyl)phthalate	1/1
Carbon tetrachloride	2/175
Trichloroethene	206/214
cis-1,2-Dichloroethene	6/170
Plutonium-239	2/6
Radon-222	13/13
Technetium-99	176/222

AREA_CODE=f MED_NAME=UCRS Groundwater

Analyte	Frequency of Detection
Aluminum	2/2
Barium	3/3
Iron	3/3
Manganese	3/3
Silica*	2/2
Tetraoxo-sulfate(1-)*	3/3
Vanadium	2/2
Zinc	3/3
Trichloroethene	1/8
Radon-222	1/1
Technetium-99	4/8

AREA_CODE=g MED_NAME=McNairy Groundwater

Analyte	Frequency of Detection
Arsenic	1/9
Mercury	1/7
Silica*	9/9
Tetraoxo-sulfate(1-)•	6/6
Neptunium-237	4/7
Plutonium-239	2/7
Radium-226	5/6

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Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=g MED_NAME=RGA Groundwater

Analyte	Frequency of Detection
Aluminum	25/31
Arsenic	1/36
Cadmium	1/36
Chromium	9/31
Iron	32/36
Lead	4/25
Manganese	24/36
Nickel	10/35
Silica*	30/30
Tetraoxo-sulfate(1-)*	24/24
Zinc	17/36
Trichloroethene	2/48
Neptunium-237	11/21
Radium-226	11/18
Radon-222	138/138
Technetium-99	59/583
Thorium-230	17/21

AREA_CODE=g MED_NAME=UCRS Groundwater

Analyte	Frequency of Detection
Aluminum	8/9
Chromium	2/9
Manganese	9/9
Nitrate as Nitrogen	6/9
Silica*	9/9
Tetraoxo-sulfate(1-)*	6/6
Vanadium	4/9
Zinc	4/9
Neptunium-237	2/7
Plutonium-239	1/7
Radium-226	4/6
Radon-222	7/7
Technetium-99	11/11

AREA_CODE=h MED_NAME=McNairy Groundwater

Analyte	Frequency of Detection
Fluoride	9/9
Silica*	9/9
Tetraoxo-sulfate(1-)*	8/8
Radium-226	6/7
Radon-222	9/9
Thorium-230	4/7

AREA_CODE=h MED_NAME=Other Groundwater

Analyte	Frequency of Detection
Antimony	1/28

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=h MED_NAME=Other Groundwater (continued)

Analyte	Frequency of Detection
Barium	25/28
Chromium	1/28
Fluoride	27/27
Iron	21/28
Manganese	12/28
Mercury	1/26
Nickel	2/28
Nitrate as Nitrogen	25/28
Silica*	28/28
Tetraoxo-sulfate(1-)*	19/19
Thallium*	1/28
Vanadium	18/28
Zinc	13/28
Neptunium-237	10/28
Radium-226	19/24
Radon-222	28/28
Thorium-230	23/28

AREA_CODE=h MED_NAME=RGA Groundwater

Analyte	Frequency of Detection
Aluminum	6/8
Arsenic	1/10
Barium	10/11
Chromium	3/8
Iron	10/11
Manganese	9/11
Nitrate as Nitrogen	9/9
Tetraoxo-sulfate(1-)*	9/9
Uranium	2/24
Vanadium	4/5
Trichloroethene	2/28
cis-1,2-Dichloroethene	1/10
Radon-222	57/57
Technetium-99	97/415

AREA_CODE=h MED_NAME=UCRS Groundwater

Analyte	Frequency of Detection
Aluminum	2/2
Barium	3/3
Iron	3/3
Manganese	3/3
Nickel	3/3
Nitrate as Nitrogen	3/3
Silica*	2/2
Tetraoxo-sulfate(1-)*	3/3
Vanadium	2/2
Zinc	1/3
Radon-222	1/1

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=i MED_NAME=McNairy Groundwater

Analyte	Frequency of Detection
Manganese	3/3
Silica*	2/2
Tetraoxo-sulfate(1-)*	3/3
Vanadium	1/2

AREA_CODE=i MED_NAME=RGA Groundwater

Analyte	Frequency of Detection
Aluminum	86/110
Antimony	6/412
Arsenic	17/476
Barium	454/476
Beryllium	28/412
Bicarbonate*	3/3
Boron	34/48
Cadmium	7/483
Cerium*	24/48
Chromium	195/488
Cobalt	36/412
Copper	42/478
Fluoride	169/175
Gallium*	24/48
Iron	419/484
Lithium	24/48
Manganese	121/148
Mercury	2/434
Nickel	161/478
Selenium	3/444
Silica*	22/22
Silver	15/437
Sulfate*	73/88
Tetraoxo-sulfate(1-)*	104/113
Thorium*	24/48
Titanium*	27/48
Uranium	13/506
Vanadium	117/385
Zinc	128/476
Zirconium*	24/48
1,2-Dichlorobenzene	1/342
1,2-Dichloroethene	4/23
1,3,5-Trimethylbenzene	1/1
1,4-Dichlorobenzene	1/342
4-Bromofluorobenzene*	2/2
4-Methyl-2-pentanone	2/404
Acetone	53/372
Acrylonitrile	1/378
Benzene	2/505
Bis(2-ethylhexyl)phthalate	4/22
Bromomethane	3/404
Carbazole	1/2
Chloroform	10/524
Chloromethane	14/404
Chrysene	1/22
Di-n-butyl phthalate	2/22
Dimethylbenzene	2/505
Ethanol*	7/340
Ethylbenzene	1/505

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=i MED_NAME=RGA Groundwater (continued)

Analyte	Frequency of Detection
Methylene chloride	39/404
PCB-1254	1/20
Polychlorinated biphenyl	1/87
Tetrachloroethene	4/460
Trichloroethene	317/611
Vinyl chloride	1/526
m,p-Xylene	3/12
trans-1,3-Dichloropropene*	1/404
Americium-241	3/7
Cesium-137	5/7
Cobalt-60	5/7
Radium-226	8/8
Radon-222	30/30
Technetium-99	496/671

AREA_CODE=i MED_NAME=UCRS Groundwater

Analyte	Frequency of Detection
Aluminum	9/9
Antimony	4/22
Arsenic	11/42
Barium	39/42
Cadmium	2/46
Chromium	4/46
Cobalt	1/22
Copper	29/46
Fluoride	36/41
Iron	46/46
Lead	5/37
Manganese	17/18
Mercury	3/33
Nickel	7/45
Silica*	9/9
Silver	1/33
Sulfate*	12/12
Tetraoxo-sulfate(1-)*	29/29
Thallium*	1/17
Uranium	32/59
Vanadium	16/17
Zinc	38/46
Benzene	1/48
Bromodichloromethane	1/49
Chloroform	3/50
Dibromochloromethane	1/29
Ethanol*	3/28
Methylene chloride	10/28
Trichloroethene	9/89
Cesium-137	3/4
Cobalt-60	4/4
Radium-226	3/4
Radon-222	5/5
Technetium-99	77/91

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=j MED_NAME=McNairy Groundwater

Analyte	Frequency of Detection
Aluminum	2/2
Arsenic	1/2
Manganese	2/2
Molybdenum	1/2
Sulfate*	2/2

AREA_CODE=j MED_NAME=RGA Groundwater

Analyte	Frequency of Detection
Aluminum	4/4
Arsenic	2/4
Iron	4/4
Manganese	4/4
Molybdenum	2/4
Silica*	4/4
Sulfate*	4/4
Thallium*	3/4
Vanadium	3/4

AREA_CODE=k MED_NAME=Other Groundwater

Analyte	Frequency of Detection
Aluminum	37/55
Ammonia as Nitrogen	1/3
Antimony	2/40
Arsenic	5/75
Barium	42/75
Beryllium	6/40
Cadmium	1/75
Chromium	10/37
Cobalt	11/40
Fluoride	24/32
Iron	61/72
Kjeldahl Nitrogen*	3/4
Lead	14/72
Manganese	70/72
Mercury	1/35
Nickel	23/75
Nitrate as Nitrogen	10/32
Silica*	49/50
Strontium	30/38
Sulfate*	3/3
Sulfide*	2/4
Tetraoxo-sulfate(1-)*	29/29
Tin	1/4
Uranium	48/77
Vanadium	15/17
Zinc	23/40
1,1-Dichloroethane	11/70
1,1-Dichloroethene	11/70
1,2-Dichloroethene	2/9
Acetone	1/9
Di-n-butyl phthalate	1/10

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=k MED_NAME=Other Groundwater (continued)

Analyte	Frequency of Detection
Methylene chloride	8/9
Naphthalene	1/10
Phenanthrene*	1/10
Trichloroethene	22/81
Vinyl chloride	1/70
cis-1,2-Dichloroethene	32/62
Neptunium-237	3/8
Radium-226	5/6
Radon-222	30/30
Technetium-99	67/93
Thorium-228	1/1
Uranium-234	11/14
Uranium-235	5/11
Uranium-238	12/14

AREA_CODE=l MED_NAME=McNairy Groundwater

Analyte	Frequency of Detection
Aluminum	7/44
Antimony	1/26
Nitrate as Nitrogen	1/45
Silica*	35/35
Tetraoxo-sulfate(1-)*	27/41
Thallium*	1/8
Zinc	14/18
Trichloroethene	5/58
Technetium-99	39/58

AREA_CODE=l MED_NAME=Other Groundwater

Analyte	Frequency of Detection
Methylene chloride	1/1

AREA_CODE=l MED_NAME=RGA Groundwater

Analyte	Frequency of Detection
Aluminum	177/395
Arsenic	34/576
Barium	242/252
Beryllium	12/255
Cadmium	6/590
Chromium	85/585
Cobalt	11/249
Fluoride	210/317
Iron	360/490
Lead	21/490
Manganese	345/482
Mercury	1/472

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=1 MED_NAME=RGA Groundwater (continued)

Analyte	Frequency of Detection
Molybdenum	5/165
Nitrate as Nitrogen	273/438
Selenium	5/489
Silica*	243/243
Sulfate*	31/31
Tetraoxo-sulfate(1-)*	399/417
Thallium*	1/143
Tin	4/14
Uranium	28/622
Vanadium	109/150
Zinc	100/262
1,1,2-Trichloroethane	1/659
1,1-Dichloroethene	4/604
1,2-Dichloroethane	1/667
Acetone	4/24
Bis(2-ethylhexyl)phthalate	2/12
Butyl benzyl phthalate	1/12
Carbon tetrachloride	4/668
Chlorobenzene	1/22
Chloroform	6/666
Di-n-butyl phthalate	2/12
Dimethylbenzene	1/627
Ethane*	8/15
Ethylbenzene	1/628
Ethylene*	8/15
Methylene chloride	8/22
Tetrachloroethene	7/689
Trichloroethene	816/1E3
Vinyl chloride	2/680
cis-1,2-Dichloroethene	25/670
trans-1,2-Dichloroethene	4/666
Americium-241	13/21
Cesium-137	9/36
Cobalt-60	8/11
Neptunium-237	36/58
Plutonium-239	12/38
Radium-226	40/45
Radon-222	311/311
Technetium-99	1E3/2E3
Thorium-230	41/52
Uranium-234	24/32
Uranium-235	10/22
Uranium-235/236	8/10
Uranium-238	21/29

AREA_CODE=1 MED_NAME=UCRS Groundwater

Analyte	Frequency of Detection
Aluminum	129/151
Ammonia as Nitrogen	2/4
Antimony	3/133
Arsenic	69/263
Barium	126/134
Beryllium	5/127
Cadmium	6/269
Chromium	46/262

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=1 MED_NAME=UCRS Groundwater (continued)

Analyte	Frequency of Detection
Cobalt	9/125
Fluoride	85/134
Iron	158/170
Kjeldahl Nitrogen*	3/4
Lead	10/193
Manganese	143/168
Mercury	2/180
Molybdenum	1/105
Nickel	48/137
Nitrate as Nitrogen	40/150
Nitrate/Nitrite	7/9
Orthophosphate*	3/3
Selenium	9/183
Silica*	87/87
Strontium	9/10
Sulfate*	17/18
Sulfide*	3/4
Tetraoxo-sulfate(1-)*	138/143
Thallium*	2/108
Tin	1/5
Uranium	41/226
Vanadium	94/110
Zinc	66/128
1,1-Dichloroethene	10/125
1,2-Dichloroethane	1/152
1,2-Dichloroethene	2/10
2,4-Dimethylphenol	1/10
Benzene	3/189
Bis(2-ethylhexyl)phthalate	1/10
Chloroethane	1/17
Chloroform	7/153
Di-n-butyl phthalate	3/10
Dimethylbenzene	13/189
Ethane*	3/5
Ethylbenzene	15/190
Ethylene*	3/5
Fluorene	1/17
Isophorone	1/10
Methylene chloride	6/13
Naphthalene	1/17
Phenanthrene*	1/17
Trichloroethene	314/470
Vinyl chloride	34/168
cis-1,2-Dichloroethene	58/158
trans-1,2-Dichloroethene	3/157
Americium-241	2/5
Cobalt-60	2/3
Neptunium-237	10/16
Plutonium-239	5/13
Radium-226	2/5
Radon-222	44/44
Technetium-99	459/496
Thorium-228	2/2
Uranium-234	14/16
Uranium-235	6/9
Uranium-235/236	4/5
Uranium-238	13/14

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=m MED_NAME=McNairy Groundwater

Analyte	Frequency of Detection
Aluminum	23/66
Arsenic	4/41
Barium	34/41
Beryllium	1/41
Cadmium	1/41
Chromium	2/33
Cobalt	1/41
Fluoride	46/46
Iron	69/71
Manganese	71/71
Mercury	1/24
Molybdenum	1/36
Nickel	2/41
Silica*	56/56
Sulfate*	4/4
Tetraoxo-sulfate(1-)*	59/59
Uranium	4/49
Vanadium	16/24
Zinc	19/41
Trichloroethene	5/96
Neptunium-237	6/17
Plutonium-239	3/17
Radium-226	11/13
Radon-222	54/54
Technetium-99	74/100
Thorium-230	10/17

AREA_CODE=m MED_NAME=Other Groundwater

Analyte	Frequency of Detection
Aluminum	61/83
Ammonia as Nitrogen	1/3
Antimony	3/68
Arsenic	5/103
Barium	67/103
Beryllium	6/68
Cadmium	1/103
Chromium	11/65
Cobalt	11/68
Fluoride	51/59
Iron	82/100
Kjeldahl Nitrogen*	3/4
Lead	14/100
Manganese	82/100
Mercury	2/61
Nickel	25/103
Nitrate as Nitrogen	35/60
Silica*	77/78
Strontium	30/38
Sulfate*	3/3
Sulfide*	2/4
Tetraoxo-sulfate(1-)*	48/48
Thallium*	1/45
Tin	1/4
Uranium	48/103
Vanadium	33/45
Zinc	36/68

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=m MED_NAME=Other Groundwater (continued)

Analyte	Frequency of Detection
1,1-Dichloroethane	11/71
1,1-Dichloroethene	11/71
1,2-Dichloroethene	2/9
Acetone	1/9
Di-n-butyl phthalate	1/10
Methylene chloride	8/9
Naphthalene	1/10
Phenanthrene*	1/10
Trichloroethene	22/110
Vinyl chloride	1/71
cis-1,2-Dichloroethene	32/63
Neptunium-237	13/36
Radium-226	24/30
Radon-222	58/58
Technetium-99	87/121
Thorium-228	1/1
Thorium-230	30/36
Uranium-234	11/14
Uranium-235	5/11
Uranium-238	12/14

AREA_CODE=m MED_NAME=RGA Groundwater

Analyte	Frequency of Detection
Aluminum	263/594
Antimony	6/782
Arsenic	23/788
Barium	758/784
Beryllium	31/719
Bicarbonate*	3/3
Boron	34/48
Cadmium	13/799
Cerium*	24/48
Chromium	260/783
Cobalt	38/720
Copper	88/794
Fluoride	508/524
Gallium*	24/48
Iron	779/1E3
Lead	13/588
Lithium	24/48
Manganese	374/680
Mercury	2/576
Molybdenum	27/344
Nickel	230/794
Nitrate as Nitrogen	843/966
Selenium	3/602
Silica*	325/326
Silver	16/569
Sulfate*	119/136
Tetraoxo-sulfate(1-)•	539/552
Thallium*	5/557
Thorium*	24/48
Titanium*	27/48
Uranium	25/823
Vanadium	262/567

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=m MED_NAME=RGA Groundwater (continued)

Analyte	Frequency of Detection
Zinc	251/794
Zirconium*	24/48
1,1-Dichloroethene	3/1E3
1,2-Dichlorobenzene	1/343
1,2-Dichloroethene	5/36
1,3,5-Trimethylbenzene	1/1
1,4-Dichlorobenzene	1/343
2-Butanone	45/382
4-Bromofluorobenzene*	2/2
4-Methyl-2-pentanone	2/411
Acetone	54/382
Acrylonitrile	1/378
Benzene	2/1E3
Bis(2-ethylhexyl)phthalate	5/23
Bromomethane	3/413
Carbazole	1/3
Carbon tetrachloride	2/1E3
Chloroform	10/1E3
Chloromethane	14/411
Chrysene	1/23
Di-n-butyl phthalate	2/23
Dimethylbenzene	3/1E3
Ethanol*	7/340
Ethylbenzene	1/1E3
Methylene chloride	39/413
PCB-1254	1/20
Polychlorinated biphenyl	1/99
Tetrachloroethene	4/1E3
Trichloroethene	966/1E3
Vinyl chloride	1/1E3
cis-1,2-Dichloroethene	20/1E3
m,p-Xylene	3/12
trans-1,2-Dichloroethene	4/1E3
trans-1,3-Dichloropropene*	1/413
Americium-241	3/8
Cesium-137	5/8
Cobalt-60	6/8
Neptunium-237	28/48
Plutonium-239	9/48
Radium-226	20/27
Radon-222	498/499
Technetium-99	1E3/2E3
Thorium-230	38/47

AREA_CODE=m MED_NAME=UCRS Groundwater

Analyte	Frequency of Detection
Aluminum	37/50
Antimony	4/44
Arsenic	12/63
Barium	59/63
Cadmium	2/67
Chromium	7/67
Cobalt	1/43
Copper	34/67
Fluoride	53/60

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Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=m MED_NAME=UCRS Groundwater (continued)

Analyte	Frequency of Detection
Iron	81/89
Lead	5/50
Manganese	37/61
Mercury	3/46
Nickel	12/66
Nitrate as Nitrogen	37/77
Silica*	48/48
Silver	1/38
Sulfate*	13/13
Tetraoxo-sulfate(1-)*	62/62
Thallium*	1/31
Uranium	36/82
Vanadium	27/33
Zinc	48/66
Benzene	1/80
Bromodichloromethane	1/82
Chloroform	3/83
Dibromochloromethane	1/30
Ethanol*	3/28
Methylene chloride	10/29
Trichloroethene	13/153
Cesium-137	3/4
Cobalt-60	4/4
Neptunium-237	2/7
Plutonium-239	1/7
Radium-226	7/10
Radon-222	35/35
Technetium-99	124/155

AREA_CODE=n MED_NAME=McNairy Groundwater

Analyte	Frequency of Detection
Aluminum	30/110
Antimony	1/76
Arsenic	4/59
Barium	51/59
Beryllium	1/59
Cadmium	1/59
Chromium	2/49
Cobalt	1/59
Fluoride	71/71
Iron	116/119
Manganese	118/119
Mercury	1/41
Molybdenum	1/50
Nickel	2/59
Nitrate as Nitrogen	5/113
Silica*	91/91
Sulfate*	4/5
Tetraoxo-sulfate(1-)*	86/100
Thallium*	3/32
Uranium	4/68
Vanadium	21/32
Zinc	33/59
Trichloroethene	10/154
Neptunium-237	12/27

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=n MED_NAME=McNairy Groundwater (continued)

Analyte	Frequency of Detection
Plutonium-239	4/24
Radium-226	19/22
Radon-222	98/98
Technetium-99	113/158
Thorium-230	16/26

AREA_CODE=n MED_NAME=Other Groundwater

Analyte	Frequency of Detection
Aluminum	61/83
Ammonia as Nitrogen	1/3
Antimony	3/68
Arsenic	5/103
Barium	67/103
Beryllium	6/68
Cadmium	1/103
Chromium	11/65
Cobalt	11/68
Fluoride	51/59
Iron	82/100
Kjeldahl Nitrogen*	3/4
Lead	14/100
Manganese	82/100
Mercury	2/61
Nickel	25/103
Nitrate as Nitrogen	35/60
Silica*	77/78
Strontium	30/38
Sulfate•	3/3
Sulfide*	2/4
Tetraoxo-sulfate(1-)•	48/48
Thallium*	1/45
Tin	1/4
Uranium	48/103
Vanadium	33/45
Zinc	36/68
1,1-Dichloroethane	11/72
1,1-Dichloroethene	11/72
1,2-Dichloroethene	2/10
Acetone	1/10
Di-n-butyl phthalate	1/10
Methylene chloride	9/10
Naphthalene	1/10
Phenanthrene*	1/10
Trichloroethene	22/111
Vinyl chloride	1/72
cis-1,2-Dichloroethene	32/63
Neptunium-237	13/36
Radium-226	24/30
Radon-222	58/58
Technetium-99	87/121
Thorium-228	1/1
Thorium-230	30/36
Uranium-234	11/14
Uranium-235	5/11
Uranium-238	12/14

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Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=n MED_NAME=RGA Groundwater

Analyte	Frequency of Detection
Aluminum	440/989
Antimony	6/1E3
Arsenic	57/1E3
Barium	1E3/1E3
Beryllium	43/974
Bicarbonate*	3/3
Boron	34/48
Cadmium	19/1E3
Cerium*	24/48
Chromium	345/1E3
Cobalt	49/969
Copper	114/1E3
Fluoride	718/841
Gallium*	24/48
Iron	1E3/2E3
Lead	34/1E3
Lithium	24/48
Manganese	719/1E3
Mercury	3/1E3
Molybdenum	32/509
Nickel	324/1E3
Nitrate as Nitrogen	1E3/1E3
Selenium	8/1E3
Silica*	568/569
Silver	18/693
Sulfate*	150/167
Tetraoxo-sulfate(1-)*	938/969
Thallium*	6/700
Thorium*	24/48
Tin	4/41
Titanium*	27/48
Uranium	53/1E3
Vanadium	371/717
Zinc	351/1E3
Zirconium*	24/48
1,1,2-Trichloroethane	1/2E3
1,1-Dichloroethene	7/2E3
1,2-Dichlorobenzene	1/359
1,2-Dichloroethane	1/2E3
1,2-Dichloroethene	5/50
1,3,5-Trimethylbenzene	1/1
1,4-Dichlorobenzene	1/359
2-Butanone	45/404
4-Bromofluorobenzene*	2/2
4-Methyl-2-pentanone	3/433
Acetone	58/406
Acrylonitrile	1/384
Benzene	2/2E3
Bis(2-ethylhexyl)phthalate	7/35
Bromomethane	3/436
Butyl benzyl phthalate	1/35
Carbazole	1/15
Carbon tetrachloride	6/2E3
Chlorobenzene	3/435
Chloroform	16/2E3
Chloromethane	14/434
Chrysene	1/35
Di-n-butyl phthalate	4/35
Dimethylbenzene	4/2E3
Ethane*	8/24
Ethanol*	7/340

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=n MED_NAME=RGA Groundwater (continued)

Analyte	Frequency of Detection
Ethylbenzene	2/2E3
Ethylene*	8/24
Methylene chloride	47/435
PCB-1254	1/26
Polychlorinated biphenyl	1/135
Tetrachloroethene	11/2E3
Trichloroethene	2E3/3E3
Vinyl chloride	3/2E3
cis-1,2-Dichloroethene	45/2E3
m,p-Xylene	3/14
trans-1,2-Dichloroethene	8/2E3
trans-1,3-Dichloropropene*	1/436
Americium-241	16/29
Cesium-137	14/44
Cobalt-60	14/19
Neptunium-237	64/106
Plutonium-239	21/86
Radium-226	60/72
Radon-222	809/810
Technetium-99	3E3/4E3
Thorium-230	79/99
Uranium-234	24/33
Uranium-235	10/22
Uranium-235/236	8/10
Uranium-238	21/30

AREA_CODE=n MED_NAME=UCRS Groundwater

Analyte	Frequency of Detection
Aluminum	166/201
Ammonia as Nitrogen	2/4
Antimony	7/177
Arsenic	81/326
Barium	185/197
Beryllium	5/170
Cadmium	8/336
Chromium	53/329
Cobalt	10/168
Copper	50/194
Fluoride	138/194
Iron	239/259
Kjeldahl Nitrogen*	3/4
Lead	15/243
Manganese	180/229
Mercury	5/226
Molybdenum	1/133
Nickel	60/203
Nitrate as Nitrogen	77/227
Nitrate/Nitrite	7/9
Orthophosphate*	3/3
Selenium	10/233
Silica*	135/135
Silver	4/65
Strontium	9/10
Sulfate*	30/31
Sulfide*	3/4

Table 2.11 Chemicals of potential concern and their frequency of detection (continued)

AREA_CODE=n MED_NAME=UCRS Groundwater (continued)

Analyte	Frequency of Detection
Tetraoxo-sulfate(1-)*	200/205
Thallium*	3/139
Tin	1/6
Uranium	77/308
Vanadium	121/143
Zinc	114/194
1,1-Dichloroethene	10/205
1,2-Dichloroethane	1/233
1,2-Dichloroethene	2/15
2,4-Dimethylphenol	1/10
Benzene	4/269
Bis(2-ethylhexyl)phthalate	1/10
Bromodichloromethane	1/233
Chloroethane	1/46
Chloroform	10/236
Di-n-butyl phthalate	3/10
Dibromochloromethane	1/43
Dimethylbenzene	13/269
Ethane*	3/5
Ethanol*	3/28
Ethylbenzene	15/270
Ethylene*	3/5
Fluorene	1/17
Isophorone	1/10
Methylene chloride	16/42
Naphthalene	1/17
Phenanthrene*	1/17
Trichloroethene	327/623
Vinyl chloride	34/249
cis-1,2-Dichloroethene	58/218
trans-1,2-Dichloroethene	3/237
Americium-241	2/9
Cesium-137	3/13
Cobalt-60	6/7
Neptunium-237	12/23
Plutonium-239	6/20
Radium-226	9/15
Radon-222	79/79
Technetium-99	583/651
Thorium-228	2/2
Uranium-234	14/16
Uranium-235	6/9
Uranium-235/236	4/5
Uranium-238	13/14

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Table 2.12 Summary of data evaluation

AREA_CODE=a MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	28/42	1.00E-01 - 6.30E-01	9.96E-02 - 1.38E+02	6.19E-01	1.5E+00		mg/L	Yes/PB
Arsenic	2/46	1.11E-03 - 5.00E-03	2.38E-03 - 4.60E-02	2.79E-03	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	46/46		3.00E-02 - 8.50E-01	1.15E-01	1.0E-01		mg/L	Yes/PB
Beryllium	2/46	2.22E-04 - 1.00E-01	3.33E-04 - 1.11E-03	3.95E-04	2.6E-03	1.0E-06	mg/L	No
Cadmium	1/46	2.67E-04 - 3.00E-01	5.56E-04 - 5.56E-04	1.10E-02	6.6E-04		mg/L	No
Calcium	46/46		1.54E+01 - 4.74E+01	1.47E+01			mg/L	No
Chloride	42/42		3.68E+01 - 8.76E+01	3.55E+01			mg/L	No
Chromium	9/46	6.56E-03 - 6.00E-02	1.69E-02 - 1.30E+00	2.30E-02	4.2E-03		mg/L	Yes/PB
Cobalt	1/46	1.78E-03 - 3.50E-01	2.56E-02 - 2.56E-02	2.58E-02	9.1E-02		mg/L	No
Fluoride	28/42	1.00E-01 - 1.00E-01	1.00E-01 - 7.20E+00	2.15E-01	9.1E-02		mg/L	Yes/PBE
Iron	37/45	1.00E-02 - 3.60E-01	1.80E-02 - 7.20E+02	1.10E+00	4.5E-01		mg/L	Yes/PBE
Magnesium	46/46		6.60E+00 - 2.41E+01	6.04E+00			mg/L	No
Manganese	37/46	5.00E-03 - 2.00E-02	6.00E-03 - 7.75E+00	8.72E-02	6.7E-02		mg/L	Yes/PB
Nickel	5/46	5.00E-02 - 1.00E+00	9.67E-03 - 1.12E-01	2.19E-02	3.0E-02		mg/L	No
Nitrate as Nitrogen	35/42	1.00E+00 - 1.00E+00	1.20E+00 - 1.28E+01	2.57E+00	2.4E+00		mg/L	No
Potassium	22/45	2.00E+00 - 3.00E+01	9.57E-01 - 4.13E+00	2.60E+00			mg/L	No
Selenium	1/9	1.44E-03 - 7.22E-03	1.84E-03 - 1.84E-03	2.05E-03	7.5E-03		mg/L	No
Silica	7/7		1.50E+01 - 2.30E+01	9.71E+00			mg/L	No
Sodium	46/46		2.91E+01 - 8.00E+01	2.27E+01			mg/L	Yes/B
Tetraoxo-sulfate(1-)	42/42		1.00E+01 - 7.42E+01	1.85E+01			mg/L	Yes/Qual
Thallium	1/42	4.67E-04 - 4.70E-01	2.38E-01 - 2.38E-01	1.26E-01			mg/L	Yes/B
Uranium	3/28	8.00E-05 - 1.00E-03	2.90E-04 - 4.00E-03	9.77E-05	4.5E-03		mg/L	No
Vanadium	36/42	4.00E-03 - 5.00E-02	5.44E-03 - 9.50E-01	1.09E-01	9.3E-03		mg/L	Yes/PB
Zinc	18/46	5.00E-03 - 3.00E-02	7.00E-03 - 1.00E+00	1.16E-02	4.5E-01		mg/L	Yes/PB
1,1-Dichloroethene	1/17	5.00E-02 - 5.00E+01	2.40E-02 - 2.40E-02	1.02E+01	1.8E-03	9.3E-07	mg/L	Yes/P
Carbon tetrachloride	2/50	1.30E-02 - 5.00E+01	1.20E-01 - 1.60E-01	4.49E-02	1.2E-04	1.5E-05	mg/L	Yes/P
Chloroform	1/50	5.00E-02 - 5.00E+01	2.00E-03 - 2.00E-03	4.41E+01	2.0E-03	1.5E-05	mg/L	Yes/P
Tetrachloroethene	4/74	5.00E-02 - 5.00E+01	2.70E-02 - 2.30E-01	1.30E+01	7.9E-03	5.7E-05	mg/L	Yes/P
Trichloroethene	94/94		2.10E-01 - 4.60E+02	3.66E+02	1.2E-03	1.4E-04	mg/L	Yes/P
cis-1,2-Dichloroethene	4/46	5.00E-02 - 5.00E+01	4.00E-03 - 2.20E-01	3.77E-02	2.0E-03		mg/L	Yes/P
trans-1,2-Dichloroethene	2/46	5.00E-02 - 5.00E+01	2.90E-03 - 1.20E+00	1.64E-02	4.0E-03		mg/L	Yes/P
Alpha activity	60/79	-1.59E+02 - 1.00E+03	2.00E-01 - 6.59E+01	6.24E+00			pCi/L	Yes/Qual
Americium-241	3/4	2.30E-01 - 2.30E-01	1.00E-02 - 7.00E-02	4.13E-02		1.2E-01	pCi/L	No
Beta activity	69/79	1.00E+03 - 1.00E+03	3.75E+00 - 9.83E+03	2.94E+02			pCi/L	Yes/Qual
Cesium-137	3/5	4.80E-01 - 2.91E+01	1.01E+00 - 1.29E+01	5.46E+00		1.2E+00	pCi/L	Yes/P
Neptunium-237	6/8	0.00E+00 - 2.04E+00	1.00E-01 - 1.44E+01	2.09E+00		1.3E-01	pCi/L	Yes/PB
Plutonium-239	2/8	-1.00E-02 - 0.00E+00	2.00E-02 - 9.00E-02	6.18E-02		1.2E-01	pCi/L	No
Radon-222	4/4		2.78E+02 - 6.04E+02	2.39E+02		1.4E+00	pCi/L	No
Technetium-99	85/88	-7.20E+00 - 0.00E+00	2.00E+00 - 1.67E+04	3.45E+02		2.8E+01	pCi/L	Yes/PB
Thorium-230	7/8	6.00E-02 - 6.00E-02	7.00E-02 - 1.10E+00	4.42E-01		1.0E+00	pCi/L	Yes/PB
Uranium-234	3/4	5.00E-02 - 5.00E-02	3.00E-02 - 1.50E-01	8.00E-02		8.7E-01	pCi/L	No

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Table 2.12 Summary of data evaluation (continued)

AREA_CODE=a MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Uranium-235	2/4	-1.00E-02 - 0.00E+00	1.00E-02 - 2.00E-02	5.00E-03		8.2E-01	pCi/L	No
Uranium-238	3/4	-1.00E-02 --1.00E-02	1.00E-02 - 5.00E-02	1.75E-02		6.2E-01	pCi/L	No

AREA_CODE=a MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	14/14		1.31E-01 - 1.28E+01	9.55E-01	1.5E+00		mg/L	Yes/P
Antimony	1/15	6.00E-02 - 1.85E-01	2.79E-02 - 2.79E-02	3.28E-02	5.6E-04		mg/L	Yes/P
Arsenic	1/15	1.11E-03 - 5.00E-03	8.00E-03 - 8.00E-03	2.47E-03	4.5E-04	3.5E-06	mg/L	Yes/P
Barium	15/15		4.50E-02 - 1.98E-01	3.87E-02	1.0E-01		mg/L	Yes/P
Beryllium	1/15	4.00E-03 - 1.50E-02	5.56E-04 - 5.56E-04	2.79E-03	2.6E-03	1.0E-06	mg/L	Yes/P
Calcium	15/15		1.49E+01 - 5.75E+01	1.14E+01			mg/L	No
Chloride	14/14		1.90E+01 - 1.56E+02	2.36E+01			mg/L	Yes/E
Chromium	1/16	5.00E-02 - 6.00E-02	1.42E-02 - 1.42E-02	2.42E-02	4.2E-03		mg/L	Yes/P
Cobalt	1/15	4.50E-02 - 5.00E-02	2.00E-03 - 2.00E-03	2.32E-02	9.1E-02		mg/L	Yes/Qual
Copper	1/15	1.00E-02 - 2.50E-02	1.00E-02 - 1.00E-02	5.50E-03	6.0E-02		mg/L	No
Fluoride	4/13	1.00E-01 - 1.00E-01	1.00E-01 - 1.70E-01	9.97E-02	9.1E-02		mg/L	No
Iron	15/15		1.90E-02 - 5.43E+00	1.08E+00	4.5E-01		mg/L	Yes/PE
Lead	2/4	5.00E-02 - 2.50E-01	3.69E-03 - 6.90E-02	4.66E-02	1.5E-07		mg/L	Yes/P
Magnesium	15/15		5.63E+00 - 1.93E+01	4.36E+00			mg/L	No
Manganese	14/15	5.00E-03 - 5.00E-03	9.00E-03 - 1.13E-01	3.89E-02	6.7E-02		mg/L	Yes/P
Nickel	2/15	5.00E-02 - 5.00E-02	2.03E-02 - 4.15E-01	1.27E-02	3.0E-02		mg/L	Yes/P
Nitrate as Nitrogen	6/14	1.00E+00 - 1.00E+00	1.00E+00 - 1.90E+00	1.15E+00	2.4E+00		mg/L	No
Potassium	2/14	2.00E+00 - 2.00E+00	2.28E+00 - 2.95E+00	1.56E+00			mg/L	No
Silica	3/3		1.70E+01 - 3.80E+01	1.35E+01			mg/L	Yes/Qual
Sodium	15/15		5.12E+01 - 1.26E+02	3.73E+01			mg/L	Yes/Qual
Tetraoxo-sulfate(1-)	14/14		8.70E+00 - 1.36E+02	5.51E+01			mg/L	Yes/Qual
Uranium	2/6	1.00E-03 - 1.00E-03	2.80E-04 - 3.10E-02	5.88E-03	4.5E-03		mg/L	Yes/P
Vanadium	10/14	5.00E-02 - 5.00E-02	1.91E-02 - 1.57E-01	7.32E-02	9.3E-03		mg/L	Yes/P
Zinc	6/15	5.00E-03 - 8.00E-03	8.00E-03 - 5.50E-02	9.54E-03	4.5E-01		mg/L	Yes/Qual
1,1-Dichloroethene	1/16	4.00E-03 - 5.00E+01	1.60E-03 - 1.60E-03	1.68E+01	1.8E-03	9.3E-07	mg/L	Yes/P
Bis(2-ethylhexyl)phthalate	1/1		1.00E-03 - 1.00E-03	5.00E-04	2.6E-02	3.1E-04	mg/L	Yes/P
Chloroform	1/16	5.00E-02 - 5.00E+01	1.30E-02 - 1.30E-02	1.88E+01	2.0E-03	1.5E-05	mg/L	Yes/P
Trichloroethene	34/36	4.00E-03 - 4.00E-03	2.30E-03 - 7.80E+02	1.94E+01	1.2E-03	1.4E-04	mg/L	Yes/P
cis-1,2-Dichloroethene	1/25	4.00E-03 - 5.00E+01	1.30E-01 - 1.30E-01	2.49E+03	2.0E-03		mg/L	Yes/P
trans-1,2-Dichloroethene	2/25	4.00E-03 - 5.00E+01	3.40E-03 - 5.00E-01	1.45E-03	4.0E-03		mg/L	Yes/P

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=a MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Alpha activity	28/31	-4.00E+00 - 0.00E+00	1.41E-01 - 4.22E+01	9.11E+00			pCi/L	Yes/Qual
Beta activity	31/31		1.00E+00 - 6.72E+02	5.98E+01			pCi/L	Yes/Qual
Neptunium-237	2/2		3.00E-01 - 9.00E-01	3.00E-01		1.3E-01	pCi/L	Yes/P
Plutonium-239	1/2	0.00E+00 - 0.00E+00	1.00E-01 - 1.00E-01	2.50E-02		1.2E-01	pCi/L	No
Radon-222	1/1		4.61E+02 - 4.61E+02	2.31E+02		1.4E+00	pCi/L	Yes/P
Technetium-99	20/22	0.00E+00 - 3.60E+00	2.30E+01 - 1.20E+02	6.09E+01		2.8E+01	pCi/L	Yes/P
Thorium-230	2/2		2.00E-01 - 7.00E-01	2.25E-01		1.0E+00	pCi/L	No

AREA_CODE=b MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	2/35	6.25E-01 - 1.00E+00	6.50E-01 - 1.50E+00	3.06E-01	1.5E+00		mg/L	Yes/PB
Antimony	1/13	1.85E-01 - 2.50E-01	1.85E-01 - 1.85E-01	1.00E-01	5.6E-04		mg/L	Yes/PB
Barium	4/5	7.00E-02 - 7.00E-02	8.40E-02 - 1.70E-01	5.74E-02	1.0E-01		mg/L	No
Calcium	35/35		1.17E+01 - 2.76E+01	8.57E+00			mg/L	No
Chloride	32/32		5.40E+00 - 5.51E+01	3.97E+00			mg/L	No
Fluoride	14/14		1.40E-01 - 1.70E-01	1.56E-01	9.1E-02		mg/L	No
Iron	34/35	3.00E-01 - 3.00E-01	5.14E+00 - 1.66E+01	5.98E+00	4.5E-01		mg/L	No
Magnesium	35/35		5.60E+00 - 1.23E+01	4.09E+00			mg/L	No
Manganese	34/35	2.00E-02 - 2.00E-02	2.07E-01 - 9.11E-01	3.48E-01	6.7E-02		mg/L	No
Nitrate as Nitrogen	1/32	1.00E+00 - 1.00E+00	5.60E+00 - 5.60E+00	5.72E-01	2.4E+00		mg/L	Yes/PB
Potassium	16/32	5.00E+00 - 1.05E+01	5.02E+00 - 5.58E+00	5.28E+00			mg/L	No
Silica	26/26		5.00E+00 - 2.70E+01	7.10E+00			mg/L	Yes/B
Sodium	35/35		2.08E+01 - 3.81E+01	1.46E+01			mg/L	Yes/B
Tetraoxo-sulfate(1-)	17/31	5.00E+00 - 5.00E+00	1.40E+00 - 1.72E+01	7.01E+00			mg/L	Yes/Qual
Vanadium	1/1		4.00E-02 - 4.00E-02	2.00E-02	9.3E-03		mg/L	No
Zinc	2/5	1.00E-01 - 2.50E-01	4.50E-02 - 8.00E-02	5.75E-02	4.5E-01		mg/L	No
Trichloroethene	4/43	1.00E-03 - 5.00E-03	1.00E-03 - 9.60E+00	2.24E-01	1.2E-03	1.4E-04	mg/L	Yes/P
Alpha activity	28/35	-3.11E+01 --2.00E-01	2.00E-01 - 7.30E+00	2.71E+00			pCi/L	Yes/Qual
Beta activity	34/35	0.00E+00 - 0.00E+00	1.00E+00 - 1.48E+03	1.73E+01			pCi/L	Yes/Qual
Neptunium-237	2/3	-3.00E-01 --3.00E-01	1.00E-01 - 4.00E-01	3.33E-02		1.3E-01	pCi/L	No
Plutonium-238	1/2	-1.00E-01 --1.00E-01	5.00E-02 - 5.00E-02	-1.25E-02		1.3E-01	pCi/L	No
Radium-226	2/3	0.00E+00 - 0.00E+00	7.00E-01 - 8.60E-01	2.60E-01		1.3E-01	pCi/L	No
Radon-222	31/31		2.20E+01 - 2.91E+02	6.20E+01		1.4E+00	pCi/L	No
Technetium-99	28/43	-1.20E+01 - 0.00E+00	5.00E-01 - 1.95E+03	1.43E+01		2.8E+01	pCi/L	Yes/PB
Thorium-230	1/2	-1.41E-01 --1.41E-01	1.00E-02 - 1.00E-02	-3.28E-02		1.0E+00	pCi/L	No

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Table 2.12 Summary of data evaluation (continued)

AREA_CODE=b MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	106/298	1.50E-02 - 1.00E+00	1.25E-01 - 1.43E+02	1.09E+00	1.5E+00		mg/L	Yes/PB
Arsenic	28/399	2.60E-03 - 5.00E-03	5.00E-03 - 1.40E-01	3.03E-03	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	99/105	7.00E-02 - 7.00E-02	2.64E-02 - 2.20E+00	1.96E-01	1.0E-01		mg/L	Yes/PB
Beryllium	9/111	2.00E-04 - 2.50E-02	3.00E-04 - 1.40E-02	5.86E-03	2.6E-03	1.0E-06	mg/L	Yes/PB
Cadmium	3/411	3.00E-04 - 1.00E-01	1.00E-02 - 2.13E-01	7.72E-03	6.6E-04		mg/L	Yes/PB
Calcium	340/340		1.06E+01 - 4.87E+01	1.24E+01			mg/L	No
Chloride	318/318		7.60E+00 - 5.86E+02	2.29E+01			mg/L	Yes/BE
Chromium	50/411	1.00E-02 - 6.00E-02	2.50E-03 - 8.89E-01	3.11E-02	4.2E-03		mg/L	Yes/PB
Cobalt	3/105	2.40E-03 - 1.00E-01	6.10E-03 - 9.00E-02	2.51E-02	9.1E-02		mg/L	Yes/B
Copper	15/114	2.10E-03 - 1.00E-01	1.10E-02 - 8.10E-02	1.67E-02	6.0E-02		mg/L	No
Fluoride	115/185	1.00E-01 - 1.00E+00	1.00E-01 - 7.10E-01	1.43E-01	9.1E-02		mg/L	Yes/PBE
Iron	244/343	1.00E-02 - 5.00E-01	3.20E-02 - 4.18E+02	3.62E+00	4.5E-01		mg/L	Yes/PBE
Lead	8/370	1.70E-03 - 2.50E-01	5.00E-03 - 4.32E-01	3.80E-02	1.5E-07		mg/L	Yes/PB
Magnesium	343/343		3.30E+00 - 2.88E+01	4.96E+00			mg/L	No
Manganese	218/334	5.00E-03 - 1.00E-01	2.50E-03 - 8.20E+00	3.37E-01	6.7E-02		mg/L	Yes/PB
Mercury	1/359	2.00E-04 - 4.70E-02	3.00E-04 - 3.00E-04	3.83E-04	4.4E-04		mg/L	Yes/B
Molybdenum	3/81	4.40E-03 - 1.00E-01	1.50E-02 - 2.50E-02	2.88E-02	7.5E-03		mg/L	No
Nickel	57/117	4.20E-03 - 1.00E-01	1.40E-02 - 5.70E-01	1.12E-01	3.0E-02		mg/L	No
Nitrate as Nitrogen	201/304	1.00E+00 - 1.00E+00	1.00E+00 - 3.93E+01	1.50E+00	2.4E+00		mg/L	Yes/PB
Nitrate/Nitrite	6/6		5.00E-02 - 9.40E+00	9.37E-01	2.4E+00		mg/L	No
Potassium	25/309	2.00E+00 - 1.05E+01	1.10E-01 - 2.44E+01	3.08E+00			mg/L	No
Selenium	1/369	3.80E-03 - 1.50E-02	4.76E-01 - 4.76E-01	3.15E-03	7.5E-03		mg/L	Yes/PBE
Silica	188/188		1.10E+01 - 4.50E+01	9.91E+00			mg/L	Yes/B
Silver	1/55	4.10E-03 - 6.00E-02	5.70E-03 - 5.70E-03	2.58E-02	7.5E-03		mg/L	No
Sodium	342/342		8.70E+00 - 1.62E+02	1.32E+01			mg/L	Yes/B
Sulfate	27/27		2.90E+00 - 4.20E+01	7.23E+00			mg/L	Yes/B
Tetraoxo-sulfate(1-)	291/292	2.00E+00 - 2.00E+00	6.00E+00 - 2.24E+02	6.72E+00			mg/L	Yes/Qual
Tin	3/13	1.70E-02 - 2.80E-01	1.80E-02 - 8.00E-01	4.02E-02	8.9E-01		mg/L	Yes/Qual
Total Phosphate as Phosphorus	12/260	2.00E+00 - 2.00E+00	1.70E+00 - 3.49E+01	1.13E+00	3.0E-05		mg/L	No
Uranium	17/416	1.00E-03 - 9.20E-02	1.00E-03 - 1.90E-01	4.92E-03	4.5E-03		mg/L	Yes/PB
Vanadium	48/63	1.70E-03 - 2.50E-01	2.50E-03 - 2.10E-01	3.45E-02	9.3E-03		mg/L	Yes/PB
Zinc	44/116	5.00E-03 - 2.50E-01	6.00E-03 - 2.29E-01	2.12E-02	4.5E-01		mg/L	Yes/B
1,1,2-Trichloro-1,2,2-trifluoroethane	2/4	3.60E-04 - 3.60E-04	8.80E-04 - 5.70E-03	9.13E-04	1.9E+00		mg/L	No
1,1,2-Trichloroethane	1/446	5.00E-03 - 5.00E+00	2.00E-03 - 2.00E-03	2.87E-01	8.1E-04	1.8E-05	mg/L	Yes/P
1,1-Dichloroethane	1/420	5.00E-03 - 5.00E+00	4.10E-03 - 4.10E-03	2.84E-01	2.7E-02		mg/L	No
1,1-Dichloroethene	1/419	5.00E-03 - 5.00E+00	1.30E-03 - 1.30E-03	2.85E-01	1.8E-03	9.3E-07	mg/L	Yes/P
1,2-Dichloroethane	1/449	1.00E-03 - 5.00E+00	1.10E-03 - 1.10E-03	2.86E-01	6.7E-04	1.1E-05	mg/L	Yes/P
4-Methyl-2-pentanone	1/9	1.10E-03 - 5.00E-02	2.50E-03 - 2.50E-03	2.50E-02	5.1E-03		mg/L	No
Acetone	4/11	1.40E-03 - 1.00E-01	5.40E-03 - 2.30E-02	8.79E-03	2.0E-02		mg/L	Yes/P
Carbon tetrachloride	2/450	5.00E-03 - 5.00E+00	1.20E-02 - 1.60E-02	2.87E-01	1.2E-04	1.5E-05	mg/L	Yes/P
Chlorobenzene	1/9	4.90E-04 - 5.00E-03	2.00E-03 - 2.00E-03	1.58E 03	1.3E-03		mg/L	Yes/P

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=b MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Chloroform	3/448	5.00E-03 - 5.00E+00	1.00E-03 - 1.40E-02	2.87E-01	2.0E-03	1.5E-05	mg/L	Yes/P
Di-n-butyl phthalate	1/1		8.00E-03 - 8.00E-03	4.00E-03	1.3E-01		mg/L	Yes/Qual
Ethane	8/11	3.00E-02 - 3.00E-02	1.00E-03 - 1.97E-01	3.42E-02			mg/L	Yes/Qual
Ethylene	8/11	3.00E-02 - 3.00E-02	7.00E-03 - 4.17E+00	1.71E-01			mg/L	Yes/Qual
Methylene chloride	1/9	3.50E-04 - 5.00E-03	5.00E-03 - 5.00E-03	1.47E-03	6.2E-02	3.6E-04	mg/L	Yes/P
Tetrachloroethene	2/449	5.00E-03 - 5.00E+00	1.90E-03 - 3.20E-01	2.88E-01	7.9E-03	5.7E-05	mg/L	Yes/P
Toluene	3/424	5.00E-03 - 5.00E+00	1.00E-03 - 1.10E-02	2.79E-01	2.4E-02		mg/L	No
Trichloroethene	495/791	1.00E-03 - 1.00E+00	7.00E-04 - 3.00E+01	2.17E+00	1.2E-03	1.4E-04	mg/L	Yes/P
Vinyl chloride	2/462	1.30E-03 - 1.00E+01	2.50E+00 - 6.30E+00	9.86E-01		1.7E-06	mg/L	Yes/P
cis-1,2-Dichloroethene	11/457	4.70E-04 - 5.00E+00	1.10E-03 - 4.20E+00	5.71E-01	2.0E-03		mg/L	Yes/P
trans-1,2-Dichloroethene	2/458	4.80E-04 - 5.00E+00	4.90E-04 - 3.80E-03	5.69E-01	4.0E-03		mg/L	No
Alpha activity	329/529	-8.47E+01 - 1.00E+03	7.00E-02 - 5.59E+01	5.59E+01			pCi/L	Yes/Qual
Americium-241	9/15	-8.00E-01 --4.00E-01	1.00E-01 - 3.50E+00	6.45E-01		1.2E-01	pCi/L	Yes/P
Beta activity	463/529	-1.00E+01 - 1.00E+03	1.00E+00 - 5.29E+03	3.08E+02			pCi/L	Yes/Qual
Cesium-137	3/26	-2.70E+00 - 1.87E+04	3.00E-01 - 8.00E-01	4.86E-01		1.2E+00	pCi/L	Yes/Qual
Cobalt-60	7/9	-6.00E-01 --2.00E-01	2.00E-01 - 2.30E+00	9.93E-01		2.0E+00	pCi/L	Yes/P
Neptunium-237	19/35	-7.34E-01 --1.12E-02	3.00E-02 - 5.00E-01	1.97E-01		1.3E-01	pCi/L	No
Plutonium-238	9/13	-1.40E-01 - 0.00E+00	1.00E-02 - 7.00E-02	6.54E-03		1.3E-01	pCi/L	No
Plutonium-239	9/15	-1.26E-01 - 0.00E+00	1.00E-02 - 1.30E-01	7.62E-02		1.2E-01	pCi/L	Yes/PB
Plutonium-239/240	5/7	-3.99E-03 --3.54E-03	8.87E-04 - 3.06E-02	9.95E-03		1.2E-01	pCi/L	No
Radium-226	27/31	0.00E+00 - 0.00E+00	6.00E-02 - 7.39E+02	2.92E+00		1.3E-01	pCi/L	Yes/PB
Radon-222	247/247		1.10E+01 - 2.23E+03	1.12E+02		1.4E+00	pCi/L	Yes/PB
Technetium-99	933/1E3	-1.00E+01 - 0.00E+00	2.00E-01 - 5.80E+03	3.73E+02		2.8E+01	pCi/L	Yes/PB
Thorium-230	22/29	-5.00E-01 --2.49E-02	2.69E-02 - 4.70E+00	5.17E-01		1.0E+00	pCi/L	Yes/PB
Uranium-234	15/21	3.00E-01 - 5.00E-01	1.70E-01 - 2.00E+02	1.49E+00		8.7E-01	pCi/L	Yes/PB
Uranium-235	4/12	1.52E-02 - 2.16E-02	9.00E-02 - 9.96E+00	2.63E-02		8.2E-01	pCi/L	Yes/PB
Uranium-235/236	8/10	0.00E+00 - 0.00E+00	1.00E-02 - 3.50E-01	8.60E-02		8.2E-01	pCi/L	Yes/B
Uranium-238	14/18	0.00E+00 - 3.00E-01	1.00E-02 - 2.11E+02	1.51E+00		6.2E-01	pCi/L	Yes/PB

AREA_CODE=b MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	68/88	1.00E-01 - 1.00E+00	6.80E-02 - 5.41E+01	1.85E+00	1.5E+00		mg/L	Yes/P
Arsenic	61/196	2.60E-03 - 5.00E-03	5.00E-03 - 4.53E-01	1.42E-02	4.5E-04	3.5E-06	mg/L	Yes/P
Barium	64/65	5.00E-02 - 5.00E-02	4.20E-02 - 5.85E-01	1.57E-01	1.0E-01		mg/L	Yes/P
Beryllium	3/67	2.00E-04 - 2.50E-02	2.00E-04 - 4.00E-04	3.91E-03	2.6E-03	1.0E-06	mg/L	Yes/P

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Table 2.12 Summary of data evaluation (continued)

AREA_CODE=b MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Cadmium	5/200	3.00E-04 - 1.00E-01	1.40E-02 - 1.80E-02	5.68E-03	6.6E-04		mg/L	Yes/P
Calcium	105/105		7.55E+00 - 1.05E+02	2.24E+01			mg/L	No
Chloride	104/105	2.00E+00 - 2.00E+00	4.20E+00 - 6.29E+02	1.26E+02			mg/L	Yes/E
Chromium	36/200	1.00E-02 - 6.00E-02	1.50E-02 - 1.36E+00	3.16E-02	4.2E-03		mg/L	Yes/P
Cobalt	1/65	5.00E-03 - 1.00E-01	7.50E-03 - 7.50E-03	2.37E-02	9.1E-02		mg/L	Yes/Qual
Copper	3/68	8.70E-03 - 1.00E-01	1.00E-02 - 2.20E-02	9.00E-03	6.0E-02		mg/L	No
Fluoride	58/78	1.00E-01 - 1.00E-01	1.00E-01 - 2.40E+00	2.23E-01	9.1E-02		mg/L	Yes/PE
Iron	90/102	2.50E-01 - 5.00E-01	1.50E-02 - 3.44E+02	2.37E+00	4.5E-01		mg/L	Yes/PE
Lead	1/150	1.70E-03 - 2.50E-01	1.80E-03 - 1.80E-03	2.94E-02	1.5E-07		mg/L	Yes/P
Magnesium	105/105		3.89E+00 - 5.30E+01	1.07E+01			mg/L	Yes/E
Manganese	76/100	2.00E-02 - 1.00E-01	1.00E-02 - 8.73E-01	1.98E-01	6.7E-02		mg/L	Yes/P
Mercury	1/148	2.00E-04 - 4.70E-02	3.00E-04 - 3.00E-04	5.99E-04	4.4E-04		mg/L	Yes/Qual
Molybdenum	1/58	4.40E-03 - 1.00E-01	1.00E-02 - 1.00E-02	2.49E-02	7.5E-03		mg/L	Yes/PE
Nickel	38/68	5.00E-02 - 1.00E-01	4.60E-02 - 2.30E+00	2.08E-01	3.0E-02		mg/L	Yes/P
Nitrate as Nitrogen	20/97	1.00E+00 - 1.00E+00	1.00E+00 - 5.70E+00	5.97E-01	2.4E+00		mg/L	Yes/P
Nitrate/Nitrite	5/5		9.90E-03 - 2.10E+00	3.29E-01	2.4E+00		mg/L	No
Potassium	7/99	1.80E-02 - 1.05E+01	4.54E-01 - 9.34E+00	2.09E+00			mg/L	No
Selenium	4/150	3.80E-03 - 5.00E-03	6.00E-03 - 1.60E-02	2.55E-03	7.5E-03		mg/L	Yes/PE
Silica	41/41		1.80E+01 - 7.90E+01	1.91E+01			mg/L	Yes/Qual
Silver	1/14	4.50E-03 - 6.00E-02	5.00E-03 - 5.00E-03	2.34E-02	7.5E-03		mg/L	No
Sodium	105/105		2.20E+01 - 2.81E+02	6.42E+01			mg/L	Yes/Qual
Sulfate	14/14		5.20E+00 - 2.19E+02	6.54E+01			mg/L	Yes/Qual
Tetraoxo-sulfate(1-)	90/91	5.00E+00 - 5.00E+00	5.00E+00 - 4.90E+02	8.01E+01			mg/L	Yes/Qual
Thallium	2/53	3.70E-03 - 4.70E-01	7.30E-03 - 9.10E-02	5.30E-03			mg/L	Yes/Qual
Tin	1/4	1.70E-02 - 2.80E-01	2.60E-02 - 2.60E-02	4.25E-02	8.9E-01		mg/L	Yes/Qual
Uranium	18/165	1.00E-03 - 9.20E-02	1.00E-03 - 1.10E-01	5.69E-03	4.5E-03		mg/L	Yes/P
Vanadium	50/56	1.70E-03 - 5.00E-02	1.80E-03 - 5.04E-01	8.35E-02	9.3E-03		mg/L	Yes/P
Zinc	36/68	5.00E-03 - 2.50E-01	5.00E-03 - 8.00E-02	1.54E-02	4.5E-01		mg/L	Yes/Qual
1,1-Dichloroethane	2/75	3.70E-04 - 5.00E-01	1.10E-03 - 1.20E-02	6.76E-04	2.7E-02		mg/L	No
1,1-Dichloroethene	2/74	4.40E-04 - 5.00E-01	2.20E-03 - 2.90E-03	1.27E-03	1.8E-03	9.3E-07	mg/L	Yes/P
1,2-Dichloroethene	1/3	5.00E-03 - 5.00E-03	1.40E-02 - 1.40E-02	4.00E-03	1.8E-03		mg/L	Yes/P
2,4-Dichlorophenol	1/3	1.60E-04 - 1.60E-04	4.00E-04 - 4.00E-04	1.20E-04	4.1E-03		mg/L	No
2,4-Dimethylphenol	1/3	1.10E-04 - 1.10E-04	4.40E-03 - 4.40E-03	7.70E-04	3.9E-03		mg/L	Yes/P
4-Methyl-2-pentanone	1/6	1.10E-03 - 5.00E-02	1.90E-03 - 1.90E-03	1.28E-02	5.1E-03		mg/L	No
4-Methylphenol	1/3	1.80E-04 - 1.80E-04	2.10E-04 - 2.10E-04	9.50E-05	7.3E-03		mg/L	No
Acetone	1/7	1.40E-03 - 1.00E-01	5.20E-03 - 5.20E-03	8.67E-02	2.0E-02		mg/L	No
Benzene	1/71	3.80E-04 - 5.00E-01	7.80E-03 - 7.80E-03	3.82E-02	4.0E-04	3.5E-05	mg/L	Yes/P
Chloroethane	1/9	1.40E-03 - 2.50E-02	8.20E-01 - 8.20E-01	3.43E-02	3.1E-01		mg/L	Yes/P
Di-n-butyl phthalate	3/3		4.40E-04 - 9.80E-04	3.37E-04	1.3E-01		mg/L	Yes/Qual
Diethyl phthalate	1/3	2.30E-04 - 2.30E-04	8.50E-04 - 8.50E-04	2.18E-04	1.2E+00		mg/L	No

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=b MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Dimethylbenzene	1/72	1.30E-03 - 1.00E+00	7.20E-03 - 7.20E-03	5.76E-02	4.0E-01		mg/L	Yes/Qual
Ethane	3/4	3.00E-02 - 3.00E-02	1.28E-01 - 3.03E-01	8.21E-02			mg/L	Yes/Qual
Ethylbenzene	1/72	4.40E-04 - 5.00E-01	8.70E-04 - 8.70E-04	3.79E-02	4.5E-02		mg/L	Yes/Qual
Ethylene	3/4	3.00E-02 - 3.00E-02	2.24E+00 - 3.96E+00	1.14E+00			mg/L	Yes/Qual
Isophorone	1/3	2.20E-04 - 2.20E-04	6.60E-03 - 6.60E-03	1.17E-03	3.0E-01	5.5E-03	mg/L	Yes/P
Toluene	1/72	4.40E-04 - 5.00E-01	1.80E-02 - 1.80E-02	3.72E-02	2.4E-02		mg/L	No
Trichloroethene	218/291	1.00E-03 - 1.00E-02	1.00E-03 - 3.10E+03	1.09E+01	1.2E-03	1.4E-04	mg/L	Yes/P
Vinyl chloride	34/113	1.30E-03 - 1.00E+00	4.20E-02 - 5.00E+00	2.52E-02		1.7E-06	mg/L	Yes/P
cis-1,2-Dichloroethene	55/109	4.70E-04 - 5.00E-02	6.70E-04 - 4.90E+00	8.92E-01	2.0E-03		mg/L	Yes/P
trans-1,2-Dichloroethene	1/109	4.80E-04 - 5.00E-01	5.10E-03 - 5.10E-03	1.54E-01	4.0E-03		mg/L	Yes/P
Alpha activity	133/175	-1.00E+01 - 1.00E+03	2.00E-01 - 3.00E+01	6.48E+01			pCi/L	Yes/Qual
Americium-241	2/5	-2.60E+00 - 0.00E+00	1.90E-01 - 3.40E-01	-3.97E-01		1.2E-01	pCi/L	Yes/P
Beta activity	148/175	-9.00E+00 - 1.00E+03	1.00E+00 - 1.26E+03	4.11E+01			pCi/L	Yes/Qual
Cobalt-60	2/3	-4.00E-01 --4.00E-01	1.00E-01 - 1.20E+00	1.50E-01		2.0E+00	pCi/L	Yes/Qual
Neptunium-237	7/12	-4.00E-01 --1.00E-01	1.00E-02 - 4.00E-01	-7.38E-03		1.3E-01	pCi/L	Yes/P
Plutonium-238	1/2	0.00E+00 - 0.00E+00	8.00E-02 - 8.00E-02	2.00E-02		1.3E-01	pCi/L	No
Plutonium-239	4/9	-2.31E-01 - 0.00E+00	1.00E-02 - 7.60E-01	2.79E-01		1.2E-01	pCi/L	Yes/P
Plutonium-239/240	1/1		2.07E-02 - 2.07E-02	1.04E-02		1.2E-01	pCi/L	No
Radium-226	2/5	0.00E+00 - 0.00E+00	3.70E-01 - 6.00E-01	9.70E-02		1.3E-01	pCi/L	Yes/P
Radon-222	38/38		1.20E+01 - 2.05E+03	4.60E+02		1.4E+00	pCi/L	Yes/P
Technetium-99	313/333	-4.20E+00 - 5.53E+02	1.00E+00 - 8.78E+02	2.09E+02		2.8E+01	pCi/L	Yes/P
Thorium-230	9/11	-2.68E-01 - 0.00E+00	8.00E-02 - 8.00E-01	1.96E-01		1.0E+00	pCi/L	No
Uranium-234	9/11	3.00E-01 - 3.00E-01	3.40E-01 - 1.44E+01	1.84E+00		8.7E-01	pCi/L	Yes/P
Uranium-235	5/8	1.52E-02 - 1.72E-02	9.12E-02 - 9.10E-01	1.63E-01		8.2E-01	pCi/L	Yes/P
Uranium-235/236	4/5	-1.88E-01 --1.88E-01	1.00E-02 - 8.00E-02	-1.16E-02		8.2E-01	pCi/L	Yes/Qual
Uranium-238	9/9		8.00E-02 - 3.48E+01	1.83E+01		6.2E-01	pCi/L	Yes/P

AREA_CODE=c MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	9/16	1.00E-01 - 1.00E+00	2.76E-01 - 2.16E+01	1.59E+00	1.5E+00		mg/L	Yes/PB
Barium	32/33	7.00E-02 - 7.00E-02	3.50E-02 - 3.60E-01	1.04E-01	1.0E-01		mg/L	Yes/PB
Calcium	33/33		1.56E+01 - 3.99E+01	1.31E+01			mg/L	No
Chloride	33/33		2.20E+01 - 1.20E+02	2.84E+01			mg/L	Yes/BE
Chromium	11/33	5.00E-02 - 6.00E-02	7.10E-02 - 8.62E+00	7.23E-02	4.2E-03		mg/L	Yes/PB
Copper	5/33	1.00E-02 - 1.00E-01	2.60E-02 - 1.31E-01	8.86E-03	6.0E-02		mg/L	No

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Table 2.12 Summary of data evaluation (continued)

AREA_CODE=c MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Fluoride	28/32	1.00E-01 - 1.00E-01	1.00E-01 - 2.40E-01	1.67E-01	9.1E-02		mg/L	No
Iron	25/33	1.00E-02 - 3.60E-01	2.10E-01 - 6.64E+01	3.44E+00	4.5E-01		mg/L	Yes/PBE
Magnesium	33/33		3.26E+00 - 1.43E+01	4.92E+00			mg/L	No
Manganese	27/33	2.00E-02 - 1.00E-01	1.10E-02 - 1.09E+00	1.94E-01	6.7E-02		mg/L	Yes/PB
Molybdenum	2/16	5.00E-02 - 1.00E-01	8.00E-02 - 1.00E-01	3.22E-02	7.5E-03		mg/L	Yes/PBE
Nickel	10/33	5.00E-02 - 1.00E-01	1.10E-01 - 6.73E-01	9.02E-02	3.0E-02		mg/L	No
Nitrate as Nitrogen	20/33	1.00E+00 - 1.00E+00	1.00E+00 - 3.00E+00	1.40E+00	2.4E+00		mg/L	No
Potassium	5/30	2.00E+00 - 1.05E+01	2.90E+00 - 8.33E+00	2.87E+00			mg/L	No
Silica	16/16		1.10E+01 - 3.60E+01	1.06E+01			mg/L	Yes/B
Sodium	33/33		2.68E+01 - 8.74E+01	2.62E+01			mg/L	Yes/B
Sulfate	4/4		1.75E+01 - 3.35E+01	1.27E+01			mg/L	Yes/B
Tetraoxo-sulfate(1-)	29/29		3.80E+00 - 1.43E+02	1.35E+01			mg/L	Yes/Qual
Uranium	2/58	1.00E-03 - 1.00E-03	1.00E-03 - 1.00E-03	1.00E-03	4.5E-03		mg/L	No
Vanadium	8/10	5.00E-02 - 5.00E-02	5.30E-02 - 1.31E-01	8.71E-02	9.3E-03		mg/L	No
Zinc	11/33	5.00E-03 - 2.50E-01	1.10E-02 - 1.30E-01	2.01E-02	4.5E-01		mg/L	Yes/B
1,1-Dichloroethene	2/72	5.00E-03 - 5.00E-01	8.00E-03 - 6.50E-02	4.48E-04	1.8E-03	9.3E-07	mg/L	Yes/P
Chloroform	2/72	5.00E-03 - 5.00E-01	5.00E-03 - 5.00E-03	5.28E-02	2.0E-03	1.5E-05	mg/L	Yes/P
Trichloroethene	78/112	1.00E-03 - 1.00E-03	1.00E-03 - 1.50E+00	3.50E-01	1.2E-03	1.4E-04	mg/L	Yes/P
cis-1,2-Dichloroethene	2/72	5.00E-03 - 5.00E-01	5.00E-03 - 9.80E-03	2.54E-03	2.0E-03		mg/L	Yes/P
Alpha activity	91/111	-5.30E+00 --2.00E-01	1.00E-01 - 1.92E+01	3.06E+00			pCi/L	Yes/Qual
Beta activity	110/111	0.00E+00 - 0.00E+00	2.00E+00 - 2.02E+03	5.73E+01			pCi/L	Yes/Qual
Radon-222	16/16		2.36E+02 - 6.59E+03	4.69E+02		1.4E+00	pCi/L	Yes/PB
Technetium-99	108/113	-3.00E+00 - 0.00E+00	1.00E+00 - 3.15E+03	1.55E+02		2.8E+01	pCi/L	Yes/PB

AREA_CODE=c MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	6/6		2.94E-01 - 5.92E+00	9.61E-01	1.5E+00		mg/L	Yes/P
Barium	6/6		6.40E-02 - 1.61E-01	5.02E-02	1.0E-01		mg/L	Yes/P
Calcium	6/6		1.17E+01 - 3.45E+01	9.72E+00			mg/L	No
Chloride	5/5		1.00E+01 - 6.10E+01	1.13E+01			mg/L	No
Iron	6/6		1.39E-01 - 6.44E+00	9.26E-01	4.5E-01		mg/L	Yes/PE
Magnesium	6/6		4.08E+00 - 1.32E+01	3.48E+00			mg/L	No
Manganese	6/6		2.00E-02 - 3.22E-01	7.56E-02	6.7E-02		mg/L	Yes/P
Nitrate as Nitrogen	2/5	1.00E+00 - 1.00E+00	1.20E+00 - 1.20E+00	5.40E-01	2.4E+00		mg/L	No
Potassium	1/6	2.00E+00 - 2.00E+00	2.44E+00 - 2.44E+00	1.04E+00			mg/L	No

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Table 2.12 Summary of data evaluation (continued)

AREA_CODE=c MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Silica	5/5		2.30E+01 - 6.40E+01	1.99E+01			mg/L	Yes/Qual
Sodium	6/6		2.07E+01 - 9.14E+01	2.59E+01			mg/L	Yes/Qual
Tetraoxo-sulfate(1-)	5/5		8.00E+00 - 1.28E+02	3.32E+01			mg/L	Yes/Qual
Uranium	2/10	1.00E-03 - 1.00E-03	1.00E-03 - 4.00E-03	1.30E-03	4.5E-03		mg/L	No
Vanadium	4/6	5.00E-02 - 5.00E-02	5.60E-02 - 7.10E-02	2.95E-02	9.3E-03		mg/L	Yes/P
Zinc	5/6	5.00E-03 - 5.00E-03	6.00E-03 - 6.90E-02	1.24E-02	4.5E-01		mg/L	Yes/Qual
Benzene	1/7	5.00E-03 - 5.00E-03	1.00E-03 - 1.00E-03	2.21E-03	4.0E-04	3.5E-05	mg/L	Yes/P
Chloroform	6/8	5.00E-03 - 5.00E-03	5.00E-03 - 1.70E-02	8.46E-03	2.0E-03	1.5E-05	mg/L	Yes/P
Trichloroethene	5/22	1.00E-03 - 1.00E-03	1.00E-03 - 9.40E-02	4.39E-04	1.2E-03	1.4E-04	mg/L	Yes/P
Alpha activity	20/23	-3.10E+00 - 0.00E+00	4.00E-01 - 1.33E+01	4.14E+00			pCi/L	Yes/Qual
Beta activity	23/23		3.00E+00 - 9.50E+01	2.10E+01			pCi/L	Yes/Qual
Technetium-99	23/23		2.00E+00 - 9.40E+01	4.68E+01		2.8E+01	pCi/L	Yes/P

AREA_CODE=d MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	5/9	1.00E-01 - 7.50E-01	1.08E-01 - 2.10E-01	1.70E-01	1.5E+00		mg/L	No
Barium	13/13		1.32E-01 - 1.68E-01	7.62E-02	1.0E-01		mg/L	No
Calcium	13/13		1.71E+01 - 2.18E+01	9.88E+00			mg/L	No
Chloride	13/13		6.90E+00 - 1.10E+01	4.15E+00			mg/L	No
Copper	2/13	1.00E-02 - 1.00E-01	1.60E-02 - 2.00E-02	1.07E-02	6.0E-02		mg/L	No
Fluoride	11/11		1.60E-01 - 1.80E-01	1.73E-01	9.1E-02		mg/L	No
Iron	13/13		2.34E+00 - 1.02E+01	3.01E+00	4.5E-01		mg/L	No
Magnesium	13/13		6.40E+00 - 7.51E+00	3.41E+00			mg/L	No
Manganese	13/13		3.14E-01 - 5.14E-01	2.13E-01	6.7E-02		mg/L	No
Potassium	9/12	1.05E+01 - 1.05E+01	4.37E+00 - 1.23E+01	4.08E+00			mg/L	No
Silica	9/9		2.30E+01 - 3.40E+01	1.41E+01			mg/L	Yes/B
Sodium	13/13		1.50E+01 - 2.10E+01	9.10E+00			mg/L	No
Tetraoxo-sulfate(1-)	10/10		2.50E+01 - 2.89E+01	1.36E+01			mg/L	Yes/Qual
Thallium	1/7	5.60E-02 - 4.70E-01	1.02E+00 - 1.02E+00	1.26E-01			mg/L	Yes/B
Vanadium	4/7	5.00E-02 - 5.00E-02	5.10E-02 - 6.60E-02	5.36E-02	9.3E-03		mg/L	No
Zinc	12/13	2.50E-01 - 2.50E-01	3.70E-02 - 1.90E-01	1.10E-01	4.5E-01		mg/L	Yes/B
Trichloroethene	1/15	1.00E-03 - 5.00E-03	3.00E-03 - 3.00E-03	1.35E-03	1.2E-03	1.4E-04	mg/L	Yes/P
Alpha activity	13/15	-7.00E-01 - 0.00E+00	1.80E+00 - 6.70E+00	1.38E+00			pCi/L	Yes/Qual
Beta activity	15/15		1.00E+00 - 4.70E+01	7.48E+00			pCi/L	Yes/Qual
Neptunium-237	4/7	-1.00E-01 - 0.00E+00	1.00E-01 - 4.00E-01	6.43E-02		1.3E-01	pCi/L	No

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=d MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Plutonium-239	1/7	0.00E+00 - 0.00E+00	1.00E-01 - 1.00E-01	7.14E-03		1.2E-01	pCi/L	No
Radium-226	6/6		1.00E-01 - 8.00E-01	2.17E-01		1.3E-01	pCi/L	No
Radon-222	13/13		3.70E+01 - 1.45E+02	4.30E+01		1.4E+00	pCi/L	No
Technetium-99	11/15	-7.00E+00 - 0.00E+00	2.00E+00 - 2.30E+01	1.15E+01		2.8E+01	pCi/L	No
Thorium-230	5/7	0.00E+00 - 0.00E+00	1.00E-01 - 8.00E-01	3.74E-01		1.0E+00	pCi/L	No

AREA_CODE=d MEDIA=Other Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Methylene chloride	1/1		5.00E-03 - 5.00E-03	2.50E-03	6.2E-02	3.6E-04	mg/L	Yes/P

AREA_CODE=d MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	34/39	1.00E-01 - 7.50E-01	6.59E-02 - 1.33E+01	8.35E-01	1.5E+00		mg/L	Yes/PB
Arsenic	4/98	1.00E-03 - 5.00E-03	2.50E-03 - 1.20E-01	3.00E-03	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	65/68	5.00E-02 - 7.00E-02	1.00E-02 - 6.86E-01	2.11E-01	1.0E-01		mg/L	Yes/PB
Beryllium	1/65	3.00E-04 - 2.50E-02	1.20E-03 - 1.20E-03	5.45E-03	2.6E-03	1.0E-06	mg/L	No
Cadmium	2/100	2.00E-03 - 1.00E-01	2.40E-03 - 3.70E-03	1.83E-03	6.6E-04		mg/L	No
Calcium	66/66		2.88E+00 - 4.67E+01	1.05E+01			mg/L	No
Chloride	59/59		2.90E+00 - 1.73E+02	2.27E+01			mg/L	Yes/BE
Chromium	15/95	2.00E-03 - 6.00E-02	2.40E-03 - 4.60E-01	3.02E-02	4.2E-03		mg/L	Yes/PB
Cobalt	7/65	2.40E-03 - 1.00E-01	4.60E-03 - 4.50E-02	2.23E-02	9.1E-02		mg/L	Yes/B
Copper	6/67	2.00E-03 - 1.00E-01	4.10E-03 - 2.50E-02	4.46E-03	6.0E-02		mg/L	No
Fluoride	39/58	1.00E-01 - 1.00E-01	1.00E-01 - 5.20E-01	1.39E-01	9.1E-02		mg/L	Yes/PBE
Iron	54/69	1.00E-02 - 3.60E-01	2.60E-02 - 1.98E+01	1.40E+00	4.5E-01		mg/L	Yes/PBE
Lead	13/88	1.00E-03 - 2.50E-01	2.40E-03 - 2.50E-01	5.84E-02	1.5E-07		mg/L	Yes/PB
Magnesium	69/69		8.79E-01 - 4.72E+01	4.80E+00			mg/L	Yes/BE
Manganese	63/69	5.00E-03 - 5.00E-02	8.00E-03 - 6.32E+00	7.22E-01	6.7E-02		mg/L	Yes/PB
Nickel	22/70	4.20E-03 - 1.00E-01	7.40E-03 - 3.27E-01	4.89E-02	3.0E-02		mg/L	No
Nitrate as Nitrogen	17/59	1.00E+00 - 1.00E+00	1.00E+00 - 2.20E+00	5.65E-01	2.4E+00		mg/L	No
Potassium	25/61	2.00E+00 - 1.05E+01	1.25E+00 - 1.70E+01	3.06E+00			mg/L	No

5256920

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=d MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Selenium	3/87	1.00E-03 - 1.50E-02	1.00E-03 - 4.90E-03	2.51E-03	7.5E-03		mg/L	No
Silica	32/32		1.20E+01 - 4.40E+01	1.09E+01			mg/L	Yes/B
Silver	1/37	2.00E-03 - 6.00E-02	2.60E-03 - 2.60E-03	3.13E-02	7.5E-03		mg/L	No
Sodium	69/69		3.71E+00 - 2.66E+02	1.14E+01			mg/L	Yes/B
Strontium	3/3		3.20E-01 - 3.33E-01	1.62E-01	9.0E-01		mg/L	No
Tetraoxo-sulfate(1-)	37/54	5.00E+00 - 5.00E+00	1.80E+00 - 2.00E+01	7.06E+00			mg/L	Yes/Qual
Tin	1/1		8.00E-01 - 8.00E-01	4.00E-01	8.9E-01		mg/L	Yes/Qual
Uranium	6/120	1.00E-03 - 1.00E-02	1.00E-03 - 2.00E-02	1.79E-03	4.5E-03		mg/L	Yes/PB
Vanadium	17/35	1.00E-03 - 5.00E-02	1.40E-03 - 4.36E-01	3.26E-02	9.3E-03		mg/L	Yes/PB
Zinc	27/67	5.00E-03 - 2.50E-01	5.00E-03 - 8.28E-02	1.54E-02	4.5E-01		mg/L	Yes/B
Bis(2-ethylhexyl)phthalate	2/7	9.00E-03 - 1.00E-02	1.00E-03 - 2.00E-03	1.68E-03	2.6E-02	3.1E-04	mg/L	Yes/P
Butyl benzyl phthalate	1/7	9.00E-03 - 1.00E-02	1.00E-03 - 1.00E-03	4.29E-03	2.6E-01		mg/L	Yes/Qual
Di-n-butyl phthalate	1/7	1.00E-02 - 1.00E-02	2.10E-02 - 2.10E-02	5.79E-03	1.3E-01		mg/L	Yes/Qual
Dimethylbenzene	1/114	5.00E-03 - 5.00E+00	2.20E+00 - 2.20E+00	4.08E-02	4.0E-01		mg/L	Yes/P
Ethylbenzene	1/114	5.00E-03 - 2.50E+00	8.70E-01 - 8.70E-01	2.03E-02	4.5E-02		mg/L	Yes/P
Methylene chloride	7/9	5.00E-03 - 5.00E-03	4.00E-03 - 1.30E-01	1.81E-02	6.2E-02	3.6E-04	mg/L	Yes/P
Tetrachloroethene	1/95	5.00E-03 - 2.50E+00	5.00E-03 - 5.00E-03	1.93E-02	7.9E-03	5.7E-05	mg/L	Yes/P
Trichloroethene	149/204	1.00E-03 - 5.00E-03	1.00E-03 - 2.30E+01	5.12E-01	1.2E-03	1.4E-04	mg/L	Yes/P
cis-1,2-Dichloroethene	8/95	5.00E-03 - 5.00E+00	1.80E-03 - 2.90E-02	8.92E-02	2.0E-03		mg/L	Yes/P
Alpha activity	126/166	-4.70E+00 - 1.00E+03	1.00E-01 - 1.13E+01	2.81E+01			pCi/L	Yes/Qual
Americium-241	1/2	-1.30E+00 --1.30E+00	5.00E-01 - 5.00E-01	-2.00E-01		1.2E-01	pCi/L	Yes/P
Beta activity	152/166	-3.00E+00 - 1.00E+03	1.00E+00 - 1.00E+03	3.45E+01			pCi/L	Yes/Qual
Cesium-137	3/4	1.81E+01 - 1.81E+01	1.00E-01 - 2.07E+01	4.97E+00		1.2E+00	pCi/L	Yes/P
Cobalt-60	1/2	-3.00E-01 --3.00E-01	2.00E-01 - 2.00E-01	-2.50E-02		2.0E+00	pCi/L	Yes/Qual
Neptunium-237	11/15	-3.00E-01 --2.00E-01	1.00E-01 - 5.00E-01	2.80E-01		1.3E-01	pCi/L	No
Plutonium-239	1/15	0.00E+00 - 0.00E+00	2.00E-01 - 2.00E-01	6.67E-03		1.2E-01	pCi/L	Yes/PB
Radium-226	13/14	0.00E+00 - 0.00E+00	1.00E-01 - 2.00E+00	6.78E-01		1.3E-01	pCi/L	Yes/PB
Radon-222	44/44		7.10E+01 - 9.48E+03	2.99E+02		1.4E+00	pCi/L	Yes/PB
Technetium-99	168/214	-7.90E+00 - 8.80E-01	4.00E-01 - 3.67E+02	1.99E+01		2.8E+01	pCi/L	Yes/PB
Thorium-230	12/15	-3.00E-01 - 0.00E+00	1.00E-01 - 1.00E+00	1.53E-01		1.0E+00	pCi/L	No
Uranium-234	6/7	9.00E-02 - 9.00E-02	3.44E-02 - 2.90E+00	3.89E-01		8.7E-01	pCi/L	Yes/PB
Uranium-235	4/6	3.00E-02 - 8.00E-02	4.00E-02 - 2.48E-01	1.08E-01		8.2E-01	pCi/L	No
Uranium-238	4/7	7.00E-02 - 1.20E-01	9.00E-02 - 6.69E+00	3.54E-01		6.2E-01	pCi/L	Yes/PB

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=d MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	41/43	1.00E-01 - 1.00E+00	1.12E-01 - 6.24E+01	2.99E+00	1.5E+00		mg/L	Yes/P
Ammonia as Nitrogen	2/4	3.00E-02 - 3.00E-02	6.00E-02 - 1.60E-01	3.50E-02			mg/L	Yes/Qual
Antimony	2/39	2.00E-02 - 1.85E-01	2.48E-02 - 2.57E-02	2.09E-02	5.6E-04		mg/L	Yes/P
Arsenic	7/46	1.00E-03 - 5.00E-03	2.30E-03 - 2.20E-02	1.83E-03	4.5E-04	3.5E-06	mg/L	Yes/P
Barium	41/48	5.00E-02 - 7.00E-02	1.80E-02 - 8.88E-01	1.98E-01	1.0E-01		mg/L	Yes/P
Beryllium	1/39	1.00E-03 - 1.50E-02	1.70E-03 - 1.70E-03	2.96E-03	2.6E-03	1.0E-06	mg/L	Yes/P
Cadmium	1/48	2.00E-03 - 1.00E-01	1.20E-02 - 1.20E-02	1.25E-02	6.6E-04		mg/L	Yes/P
Calcium	38/38		1.50E+00 - 3.78E+02	3.12E+01			mg/L	Yes/E
Chloride	38/38		5.38E+00 - 3.10E+02	4.32E+01			mg/L	Yes/E
Chromium	9/40	5.00E-02 - 6.00E-02	2.70E-03 - 1.30E-01	2.53E-02	4.2E-03		mg/L	Yes/P
Cobalt	7/39	4.50E-02 - 5.00E-02	4.40E-03 - 6.76E-02	2.24E-02	9.1E-02		mg/L	Yes/Qual
Copper	12/38	1.00E-02 - 2.50E-02	2.00E-03 - 3.30E-02	8.57E-03	6.0E-02		mg/L	No
Cyanide	2/5	3.00E-03 - 3.00E-03	5.00E-03 - 1.00E-02	2.40E-03	2.8E-02		mg/L	No
Fluoride	23/38	2.00E-02 - 2.00E-01	1.00E-01 - 4.50E-01	1.74E-01	9.1E-02		mg/L	Yes/PE
Iron	47/47		5.90E-02 - 7.54E+01	2.80E+01	4.5E-01		mg/L	Yes/PE
Kjeldahl Nitrogen	3/4	8.00E+00 - 8.00E+00	6.78E-01 - 8.95E+00	2.39E+00			mg/L	Yes/Qual
Lead	7/39	1.00E-03 - 2.50E-01	3.30E-03 - 1.38E+00	1.05E-02	1.5E-07		mg/L	Yes/P
Magnesium	47/47		5.85E-01 - 9.40E+01	1.46E+01			mg/L	Yes/E
Manganese	47/47		8.00E-03 - 2.70E+01	1.01E+01	6.7E-02		mg/L	Yes/P
Mercury	1/28	2.00E-04 - 3.00E-04	2.00E-04 - 2.00E-04	1.02E-04	4.4E-04		mg/L	Yes/Qual
Nickel	8/48	5.00E-02 - 1.00E-01	8.20E-03 - 9.30E-02	3.09E-02	3.0E-02		mg/L	Yes/P
Nitrate as Nitrogen	12/34	1.00E+00 - 1.00E+00	1.20E+00 - 2.69E+01	1.16E+00	2.4E+00		mg/L	Yes/P
Nitrate/Nitrite	2/4	5.00E-02 - 5.00E-02	1.30E-01 - 9.38E+00	1.20E+00	2.4E+00		mg/L	Yes/P
Orthophosphate	3/3		1.50E-01 - 1.60E-01	7.83E-02			mg/L	Yes/Qual
Potassium	22/46	2.00E+00 - 2.00E+00	7.76E-01 - 2.98E+01	4.42E+00			mg/L	No
Selenium	5/29	1.00E-03 - 1.50E-02	1.70E-03 - 8.70E-03	1.96E-03	7.5E-03		mg/L	Yes/PE
Silica	38/38		9.00E+00 - 6.70E+01	1.17E+01			mg/L	Yes/Qual
Silver	2/11	2.00E-03 - 6.00E-02	3.30E-03 - 4.40E-03	2.40E-03	7.5E-03		mg/L	No
Sodium	47/47		5.03E+00 - 2.79E+02	3.42E+01			mg/L	Yes/Qual
Strontium	9/10	1.21E+00 - 1.21E+00	7.46E-01 - 1.64E+00	1.12E+00	9.0E-01		mg/L	Yes/P
Sulfate	3/4	3.00E+01 - 3.00E+01	1.20E+01 - 5.90E+01	1.51E+01			mg/L	Yes/Qual
Sulfide	3/4	1.00E+00 - 1.00E+00	1.20E+00 - 6.40E+01	8.53E+00			mg/L	Yes/Qual
Tetraoxo-sulfate(1-)	29/33	5.00E+00 - 5.00E+00	5.00E+00 - 6.95E+02	6.30E+01			mg/L	Yes/Qual
Uranium	19/45	1.00E-03 - 1.00E-03	1.00E-03 - 1.30E-01	2.48E-02	4.5E-03		mg/L	Yes/P

5229892

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=d MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Vanadium	30/34	1.00E-03 - 5.00E-02	2.20E-03 - 7.11E-01	1.27E-01	9.3E-03		mg/L	Yes/P
Zinc	19/39	5.00E-03 - 3.00E-02	2.70E-03 - 9.90E-02	1.43E-02	4.5E-01		mg/L	Yes/Qual
1,1,1-Trichloroethane	2/24	5.00E-03 - 5.00E-01	3.00E-03 - 1.60E-02	1.86E-03	5.4E-02		mg/L	No
1,1-Dichloroethane	1/23	5.00E-03 - 5.00E-01	8.00E-03 - 8.00E-03	6.84E-03	2.7E-02		mg/L	No
1,1-Dichloroethene	7/29	5.00E-03 - 5.00E-01	7.00E-03 - 2.00E-01	3.35E-03	1.8E-03	9.3E-07	mg/L	Yes/P
1,2-Dichloroethane	1/23	5.00E-03 - 5.00E-01	2.00E-03 - 2.00E-03	6.68E-03	6.7E-04	1.1E-05	mg/L	Yes/P
1,2-Dichloroethene	1/7	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-03	2.50E-03	1.8E-03		mg/L	Yes/P
Benzene	1/98	5.00E-03 - 5.00E-01	5.00E-03 - 5.00E-03	3.28E-02	4.0E-04	3.5E-05	mg/L	Yes/P
Dimethylbenzene	12/98	5.00E-03 - 5.00E-01	2.00E-01 - 2.80E+00	9.72E-02	4.0E-01		mg/L	Yes/P
Ethylbenzene	14/99	5.00E-03 - 1.00E-01	3.20E-02 - 1.50E+00	6.99E-02	4.5E-02		mg/L	Yes/P
Fluorene	1/12	5.00E-03 - 1.00E-02	7.00E-03 - 7.00E-03	3.86E-03	7.4E-03		mg/L	Yes/Qual
Methylene chloride	6/6		5.00E-03 - 1.80E-02	3.92E-03	6.2E-02	3.6E-04	mg/L	Yes/P
Naphthalene	1/12	5.00E-03 - 1.00E-02	4.70E-02 - 4.70E-02	5.23E-03	2.0E-04		mg/L	Yes/P
Phenanthrene	1/12	5.00E-03 - 1.00E-02	5.00E-03 - 5.00E-03	3.75E-03			mg/L	Yes/Qual
Trichloroethene	57/121	1.00E-03 - 1.00E-01	1.00E-03 - 9.80E+01	2.95E+00	1.2E-03	1.4E-04	mg/L	Yes/P
cis-1,2-Dichloroethene	2/18	5.00E-03 - 5.00E-01	8.00E-03 - 9.00E-03	2.98E-03	2.0E-03		mg/L	Yes/P
Alpha activity	107/115	-5.00E+00 - 6.53E+00	2.00E-01 - 5.75E+01	7.60E+00			pCi/L	Yes/Qual
Beta activity	112/115	0.00E+00 - 1.15E+01	1.00E+00 - 1.00E+03	5.23E+01			pCi/L	Yes/Qual
Neptunium-237	1/2	8.00E-02 - 8.00E-02	2.37E+00 - 2.37E+00	6.13E-01		1.3E-01	pCi/L	Yes/P
Plutonium-238	2/2		1.00E-01 - 1.10E-01	5.25E-02		1.3E-01	pCi/L	No
Radon-222	5/5		1.35E+02 - 5.12E+02	1.58E+02		1.4E+00	pCi/L	Yes/P
Technetium-99	103/118	-7.00E+00 - 7.50E-01	1.00E+00 - 1.01E+03	4.71E+01		2.8E+01	pCi/L	Yes/P
Thorium-228	2/2		3.40E-01 - 6.40E-01	2.45E-01		1.7E-01	pCi/L	Yes/P
Thorium-230	2/2		3.70E-01 - 6.90E-01	2.65E-01		1.0E+00	pCi/L	No
Thorium-232	2/2		1.80E-01 - 4.90E-01	1.68E-01		1.2E+00	pCi/L	No
Uranium-234	5/5		1.50E-01 - 1.84E+01	4.60E+00		8.7E-01	pCi/L	Yes/P
Uranium-235	1/1		1.22E+00 - 1.22E+00	1.22E+00		8.2E-01	pCi/L	Yes/P
Uranium-238	4/5	2.10E-01 - 2.10E-01	4.50E-01 - 4.19E+01	9.35E+00		6.2E-01	pCi/L	Yes/P

AREA_CODE=e MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	6/40	6.25E-01 - 1.00E+00	2.08E+00 - 9.04E+01	8.98E-02	1.5E+00		mg/L	Yes/PB
Arsenic	2/11	5.00E-03 - 5.00E-03	7.30E-03 - 3.60E-02	2.22E-03	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	6/11	5.00E-02 - 7.00E-02	9.20E-02 - 6.70E-01	1.40E-01	1.0E-01		mg/L	Yes/PB
Beryllium	1/11	4.00E-03 - 2.50E-02	1.70E-02 - 1.70E-02	8.23E-03	2.6E-03	1.0E-06	mg/L	Yes/PB

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=e MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Cadmium	1/11	1.00E-02 - 1.00E-01	2.10E-02 - 2.10E-02	2.61E-02	6.6E-04		mg/L	Yes/PB
Calcium	41/41		4.20E+00 - 1.18E+02	4.08E+00			mg/L	No
Chloride	38/38		1.45E+01 - 2.42E+01	1.09E+01			mg/L	No
Chromium	2/9	5.00E-02 - 6.00E-02	5.60E-02 - 2.32E-01	3.82E-02	4.2E-03		mg/L	Yes/PB
Cobalt	1/11	4.50E-02 - 1.00E-01	1.21E-01 - 1.21E-01	3.18E-02	9.1E-02		mg/L	Yes/PB
Copper	3/11	2.50E-02 - 1.00E-01	1.30E-02 - 1.63E-01	2.47E-02	6.0E-02		mg/L	No
Fluoride	20/20		1.40E-01 - 3.90E-01	2.85E-01	9.1E-02		mg/L	Yes/PBE
Iron	41/41		5.04E+00 - 1.79E+02	1.33E+01	4.5E-01		mg/L	Yes/PBE
Magnesium	41/41		2.14E+00 - 6.46E+01	2.20E+00			mg/L	Yes/BE
Manganese	41/41		3.57E-01 - 3.91E+00	4.66E-01	6.7E-02		mg/L	Yes/PB
Nickel	2/11	5.00E-02 - 1.00E-01	1.07E-01 - 1.09E-01	4.85E-02	3.0E-02		mg/L	Yes/PB
Nitrate as Nitrogen	1/38	1.00E+00 - 1.00E+00	1.00E+00 - 1.00E+00	5.00E-01	2.4E+00		mg/L	No
Potassium	27/40	5.00E+00 - 1.05E+01	4.54E+00 - 8.61E+01	1.27E+01			mg/L	No
Silica	30/30		1.10E+01 - 5.80E+01	1.87E+01			mg/L	Yes/B
Sodium	41/41		1.49E+01 - 7.65E+01	9.68E+00			mg/L	Yes/B
Sulfate	2/2		1.90E+01 - 1.17E+03	2.97E+02			mg/L	Yes/B
Tetraoxo-sulfate(1-)	36/36		9.60E+00 - 1.97E+01	8.48E+00			mg/L	Yes/Qual
Thallium	1/4	6.00E-02 - 4.70E-01	1.23E-01 - 1.23E-01	8.91E-02			mg/L	No
Total Phosphate as Phosphorus	1/35	2.00E+00 - 2.00E+00	5.20E+00 - 5.20E+00	1.05E+00	3.0E-05		mg/L	No
Uranium	2/11	1.00E-03 - 1.00E-03	2.00E-03 - 1.80E-02	3.02E-04	4.5E-03		mg/L	Yes/PB
Vanadium	3/4	4.00E-02 - 4.00E-02	5.70E-02 - 8.36E-01	2.05E-01	9.3E-03		mg/L	Yes/PB
Zinc	8/11	1.00E-01 - 2.50E-01	2.60E-02 - 5.64E-01	9.88E-02	4.5E-01		mg/L	Yes/PB
Trichloroethene	5/52	1.00E-03 - 1.00E-02	2.00E-03 - 7.00E-03	1.46E-03	1.2E-03	1.4E-04	mg/L	Yes/P
Alpha activity	43/48	-1.80E+01 - 1.70E+00	5.00E-01 - 1.07E+02	5.20E+00			pCi/L	Yes/Qual
Beta activity	48/48		7.00E+00 - 2.36E+02	2.11E+01			pCi/L	Yes/Qual
Radon-222	31/31		1.43E+02 - 3.91E+02	1.29E+02		1.4E+00	pCi/L	Yes/PB
Technetium-99	40/53	-1.29E+01 - 0.00E+00	1.00E+00 - 5.30E+01	9.41E+00		2.8E+01	pCi/L	Yes/PB
Thorium-230	1/1		1.00E-01 - 1.00E-01	5.00E-02		1.0E+00	pCi/L	No

AREA_CODE=e MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	94/348	3.00E-02 - 1.00E+00	1.04E-01 - 4.81E+01	5.14E-01	1.5E+00		mg/L	Yes/PB
Arsenic	1/158	5.00E-03 - 5.00E-03	7.00E-03 - 7.00E-03	2.51E-03	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	158/159	7.00E-02 - 7.00E-02	2.10E-02 - 4.98E-01	1.78E-01	1.0E-01		mg/L	Yes/PB
Beryllium	3/158	4.00E-03 - 2.50E-02	5.00E-03 - 6.00E-03	5.52E-03	2.6E-03	1.0E-06	mg/L	Yes/PB

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=e MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Cadmium	2/159	1.00E-02 - 1.00E-01	1.00E-02 - 2.40E-02	1.41E-02	6.6E-04		mg/L	Yes/PB
Calcium	374/374		4.63E+00 - 7.82E+01	1.11E+01			mg/L	No
Chloride	345/345		6.00E+00 - 4.99E+01	1.64E+01			mg/L	No
Chromium	11/161	5.00E-02 - 6.00E-02	5.00E-02 - 1.12E-01	2.76E-02	4.2E-03		mg/L	No
Cobalt	2/159	4.50E-02 - 1.00E-01	5.40E-02 - 8.10E-02	2.57E-02	9.1E-02		mg/L	Yes/B
Copper	29/159	1.00E-02 - 1.00E-01	1.00E-02 - 1.87E+00	2.65E-02	6.0E-02		mg/L	Yes/PBE
Fluoride	217/222	1.00E-01 - 1.00E-01	1.00E-01 - 6.50E-01	1.53E-01	9.1E-02		mg/L	Yes/PBE
Iron	226/378	2.00E-01 - 5.00E-01	3.40E-02 - 2.91E+02	1.95E+00	4.5E-01		mg/L	Yes/PBE
Lead	1/69	5.00E-02 - 2.50E-01	6.00E-02 - 6.00E-02	1.16E-01	1.5E-07		mg/L	No
Magnesium	376/376		1.93E+00 - 1.42E+01	4.44E+00			mg/L	No
Manganese	158/375	5.00E-03 - 1.00E-01	1.10E-02 - 5.93E+00	5.22E-02	6.7E-02		mg/L	Yes/PB
Molybdenum	1/129	5.00E-02 - 1.00E-01	6.60E-02 - 6.60E-02	2.83E-02	7.5E-03		mg/L	Yes/PBE
Nickel	21/160	1.00E-02 - 1.00E-01	3.30E-02 - 2.59E-01	4.01E-02	3.0E-02		mg/L	No
Nitrate as Nitrogen	328/346	1.00E-01 - 1.00E+00	1.00E+00 - 1.42E+01	1.11E+00	2.4E+00		mg/L	No
Potassium	44/353	2.00E+00 - 1.05E+01	1.40E+00 - 4.41E+01	3.09E+00			mg/L	No
Silica	207/208	5.00E+00 - 5.00E+00	8.00E+00 - 3.50E+01	8.59E+00			mg/L	Yes/B
Silver	1/59	5.00E-02 - 6.00E-02	3.90E-01 - 3.90E-01	3.14E-02	7.5E-03		mg/L	Yes/PB
Sodium	376/376		5.56E+00 - 6.30E+01	1.47E+01			mg/L	Yes/B
Sulfate	21/22	5.00E+00 - 5.00E+00	6.50E+00 - 3.56E+02	2.74E+01			mg/L	Yes/B
Tetraoxo-sulfate(1-)	323/323		3.00E+00 - 5.00E+01	8.67E+00			mg/L	Yes/Qual
Thallium	2/99	5.60E-02 - 4.70E-01	7.20E-02 - 1.00E-01	7.17E-02			mg/L	Yes/B
Total Phosphate as Phosphorus	3/248	2.00E+00 - 2.00E+00	2.20E+00 - 2.80E+00	1.00E+00	3.0E-05		mg/L	No
Uranium	8/132	1.00E-03 - 1.00E-03	1.00E-03 - 1.20E-02	1.14E-03	4.5E-03		mg/L	Yes/PB
Vanadium	74/102	4.00E-02 - 2.50E-01	4.50E-02 - 2.76E-01	7.62E-02	9.3E-03		mg/L	Yes/PB
Zinc	69/161	5.00E-03 - 2.50E-01	7.00E-03 - 4.00E-01	2.67E-02	4.5E-01		mg/L	Yes/B
2-Butanone	2/2		1.60E-02 - 1.70E-01	4.65E-02	6.2E-02		mg/L	Yes/P
Acetone	1/1		1.40E-02 - 1.40E-02	7.00E-03	2.0E-02		mg/L	No
Dimethylbenzene	1/350	5.00E-03 - 1.00E+00	6.00E-03 - 6.00E-03	7.52E-02	4.0E-01		mg/L	Yes/Qual
Trichloroethene	439/472	1.00E-03 - 1.00E-02	1.00E-03 - 1.67E+02	8.11E-01	1.2E-03	1.4E-04	mg/L	Yes/P
trans-1,2-Dichloroethene	1/422	5.00E-03 - 5.00E-01	5.00E-03 - 5.00E-03	7.56E-02	4.0E-03		mg/L	Yes/P
Alpha activity	390/532	-6.18E+01 - 1.00E+03	1.00E-01 - 1.88E+02	4.84E+00			pCi/L	Yes/Qual
Beta activity	530/532	-4.00E+00 --2.00E+00	1.00E+00 - 1.81E+03	1.66E+02			pCi/L	Yes/Qual
Cobalt-60	1/1		8.00E-01 - 8.00E-01	4.00E-01		2.0E+00	pCi/L	Yes/Qual
Neptunium-237	8/14	-3.00E-01 - 0.00E+00	1.00E-01 - 5.00E-01	1.07E-02		1.3E-01	pCi/L	No
Plutonium-239	3/14	0.00E+00 - 0.00E+00	1.00E-01 - 1.00E-01	1.07E-02		1.2E-01	pCi/L	No
Radium-226	1/1		2.00E-01 - 2.00E-01	1.00E-01		1.3E-01	pCi/L	No
Radon-222	255/255		5.10E+01 - 8.61E+02	1.95E+02		1.4E+00	pCi/L	Yes/PB
Technetium-99	526/547	-1.00E+00 - 2.50E+01	1.00E+00 - 2.11E+03	4.28E+02		2.8E+01	pCi/L	Yes/PB
Thorium-230	11/14	-4.00E-01 - 0.00E+00	1.00E-01 - 1.60E+00	2.14E-01		1.0E+00	pCi/L	Yes/PB

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=e MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	16/28	7.50E-01 - 1.00E+00	4.07E-01 - 8.00E+01	2.31E+00	1.5E+00		mg/L	Yes/P
Arsenic	1/6	5.00E-03 - 5.00E-03	8.00E-03 - 8.00E-03	2.75E-03	4.5E-04	3.5E-06	mg/L	Yes/P
Barium	6/6		2.83E-01 - 1.01E+00	3.01E-01	1.0E-01		mg/L	Yes/P
Calcium	27/28	2.00E+00 - 2.00E+00	1.55E+01 - 6.92E+01	2.40E+01			mg/L	No
Chloride	22/22		6.80E+00 - 2.13E+02	7.99E+00			mg/L	Yes/E
Chromium	1/6	5.00E-02 - 6.00E-02	1.30E-01 - 1.30E-01	3.25E-02	4.2E-03		mg/L	Yes/P
Copper	1/6	1.00E-02 - 1.00E-01	1.00E-01 - 1.00E-01	3.50E-02	6.0E-02		mg/L	No
Fluoride	5/5		3.70E-01 - 5.50E-01	4.68E-01	9.1E-02		mg/L	Yes/PE
Iron	23/28	2.00E-01 - 3.00E-01	3.37E-01 - 6.80E+01	2.59E+00	4.5E-01		mg/L	Yes/PE
Magnesium	27/28	1.00E-01 - 1.00E-01	6.10E+00 - 3.10E+01	4.38E+00			mg/L	No
Manganese	5/28	5.00E-02 - 1.00E-01	5.00E-02 - 1.60E-01	4.16E-02	6.7E-02		mg/L	Yes/P
Nickel	2/6	1.00E-01 - 1.00E-01	1.45E-01 - 5.35E-01	9.00E-02	3.0E-02		mg/L	Yes/P
Nitrate as Nitrogen	1/22	1.00E+00 - 1.00E+00	1.00E+00 - 1.00E+00	5.00E-01	2.4E+00		mg/L	No
Potassium	2/28	5.00E+00 - 1.05E+01	2.20E+00 - 3.05E+00	2.81E+00			mg/L	No
Silica	26/26		2.80E+01 - 4.30E+01	1.84E+01			mg/L	Yes/Qual
Sodium	27/28	5.00E+00 - 5.00E+00	4.77E+01 - 1.45E+02	3.38E+01			mg/L	Yes/Qual
Sulfate	1/1		3.42E+01 - 3.42E+01	1.71E+01			mg/L	Yes/Qual
Tetraoxo-sulfate(1-)	21/21		1.50E+01 - 4.16E+01	1.64E+01			mg/L	Yes/Qual
Uranium	4/5	1.00E-03 - 1.00E-03	1.00E-03 - 4.00E-03	2.20E-03	4.5E-03		mg/L	No
Vanadium	3/3		1.95E-01 - 7.60E-01	2.05E-01	9.3E-03		mg/L	Yes/P
Zinc	2/5	1.00E-01 - 2.50E-01	1.60E-02 - 1.60E-01	6.26E-02	4.5E-01		mg/L	Yes/Qual
Trichloroethene	3/34	1.00E-03 - 1.00E-02	2.00E-03 - 4.00E-03	1.96E-04	1.2E-03	1.4E-04	mg/L	Yes/P
Alpha activity	33/34	-4.30E+00 - 4.30E+00	1.00E-01 - 1.43E+01	4.07E+00			pCi/L	Yes/Qual
Beta activity	31/34	-3.00E+00 - 0.00E+00	1.00E+00 - 4.00E+01	1.18E+01			pCi/L	Yes/Qual
Radon-222	21/21		4.00E+01 - 2.53E+02	7.39E+01		1.4E+00	pCi/L	Yes/P
Technetium-99	24/34	-9.40E+00 - 0.00E+00	1.00E+00 - 1.80E+01	5.32E+00		2.8E+01	pCi/L	No

AREA_CODE=f MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	2/4	6.25E-01 - 7.50E-01	2.65E-01 - 3.93E-01	2.54E-01	1.5E+00		mg/L	No
Barium	5/6	7.00E-02 - 7.00E-02	2.59E-01 - 3.54E-01	1.32E-01	1.0E-01		mg/L	Yes/PB
Calcium	6/6		1.92E+01 - 2.26E+01	1.03E+01			mg/L	No
Chloride	6/6		2.60E+00 - 5.00E+00	1.81E+00			mg/L	No
Fluoride	5/5		2.20E-01 - 2.70E-01	2.40E-01	9.1E-02		mg/L	No
Iron	6/6		2.95E+00 - 1.04E+01	3.05E+00	4.5E-01		mg/L	No
Magnesium	6/6		5.31E+00 - 6.20E+00	2.91E+00			mg/L	No

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Table 2.12 Summary of data evaluation (continued)

AREA_CODE=f MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Manganese	6/6		2.40E-01 - 3.50E-01	1.56E-01	6.7E-02		mg/L	No
Potassium	5/5		1.75E+01 - 3.11E+01	1.11E+01			mg/L	No
Silica	4/4		1.60E+01 - 2.50E+01	1.00E+01			mg/L	No
Sodium	6/6		2.28E+01 - 2.92E+01	1.25E+01			mg/L	Yes/B
Tetraoxo-sulfate(1-)	6/6		6.90E+00 - 8.00E+00	3.70E+00			mg/L	Yes/Qual
Zinc	3/6	3.00E-02 - 2.50E-01	1.00E-02 - 3.40E-01	5.60E-02	4.5E-01		mg/L	Yes/B
Alpha activity	13/13		1.00E+00 - 1.75E+01	2.79E+00			pCi/L	Yes/Qual
Beta activity	13/13		2.20E+01 - 2.34E+02	2.60E+01			pCi/L	Yes/Qual
Radon-222	4/4		1.73E+02 - 2.67E+02	1.14E+02		1.4E+00	pCi/L	No
Technetium-99	9/13	-9.70E+00 - 0.00E+00	1.00E+00 - 2.00E+01	6.48E+00		2.8E+01	pCi/L	No

AREA_CODE=f MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	48/93	6.20E-01 - 1.00E+00	1.11E-01 - 4.63E+01	4.44E-01	1.5E+00		mg/L	Yes/PB
Arsenic	1/104	5.00E-03 - 5.00E-03	1.28E-02 - 1.28E-02	2.54E-03	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	97/98	5.00E-02 - 5.00E-02	6.60E-02 - 2.70E+00	2.60E-01	1.0E-01		mg/L	Yes/PB
Cadmium	3/106	1.00E-02 - 1.00E-01	1.00E-02 - 3.42E-01	2.51E-02	6.6E-04		mg/L	Yes/PB
Calcium	106/106		1.70E+01 - 7.00E+01	1.68E+01			mg/L	No
Chloride	105/105		2.70E+00 - 1.23E+02	4.01E+01			mg/L	Yes/BE
Chromium	42/91	5.00E-02 - 6.00E-02	5.40E-02 - 9.16E-01	7.01E-02	4.2E-03		mg/L	Yes/PB
Copper	6/106	1.00E-02 - 1.00E-01	1.00E-02 - 3.78E-01	2.54E-02	6.0E-02		mg/L	Yes/PBE
Fluoride	88/90	1.00E-01 - 1.80E-01	1.10E-01 - 2.30E-01	1.64E-01	9.1E-02		mg/L	No
Iron	88/108	1.00E-02 - 3.60E-01	1.10E-02 - 7.44E+01	9.67E-01	4.5E-01		mg/L	Yes/PBE
Magnesium	106/106		5.34E+00 - 2.27E+01	6.61E+00			mg/L	No
Manganese	58/106	5.00E-03 - 1.00E+00	5.00E-03 - 2.21E+00	5.01E-02	6.7E-02		mg/L	Yes/PB
Nickel	35/106	5.00E-02 - 1.00E-01	3.10E-02 - 4.48E-01	7.57E-02	3.0E-02		mg/L	No
Nitrate as Nitrogen	82/97	1.00E+00 - 1.00E+00	1.00E+00 - 2.90E+00	1.70E+00	2.4E+00		mg/L	No
Potassium	54/102	2.00E+00 - 1.05E+01	2.10E+00 - 1.97E+01	2.94E+00			mg/L	No
Silica	55/55		1.10E+01 - 5.20E+01	9.62E+00			mg/L	Yes/B
Sodium	105/106	5.00E+00 - 5.00E+00	2.91E+01 - 7.86E+01	2.26E+01			mg/L	Yes/B
Sulfate	21/22	5.00E+00 - 5.00E+00	5.00E+00 - 6.76E+01	1.48E+01			mg/L	Yes/B
Tetraoxo-sulfate(1-)	79/83	5.00E+00 - 5.00E+00	5.00E+00 - 1.60E+02	3.40E+01			mg/L	Yes/Qual
Uranium	1/70	1.00E-03 - 1.00E-03	3.00E-03 - 3.00E-03	1.03E-03	4.5E-03		mg/L	No
Vanadium	43/45	5.00E-02 - 5.00E-02	5.50E-02 - 2.36E-01	6.80E-02	9.3E-03		mg/L	Yes/PB
Zinc	29/106	5.00E-03 - 2.50E-01	5.00E-03 - 3.82E-01	1.34E-02	4.5E-01		mg/L	Yes/B

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Table 2.12 Summary of data evaluation (continued)

AREA_CODE=f MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
1,1-Dichloroethene	3/148	5.00E-03 - 5.00E+00	1.60E-03 - 2.00E-02	2.77E-03	1.8E-03	9.3E-07	mg/L	Yes/P
1,2-Dichloroethene	1/6	1.00E-02 - 5.00E-02	1.40E-02 - 1.40E-02	1.41E-02	1.8E-03		mg/L	Yes/P
Bis(2-ethylhexyl)phthalate	1/1		2.80E-02 - 2.80E-02	1.40E-02	2.6E-02	3.1E-04	mg/L	Yes/P
Carbon tetrachloride	2/175	5.00E-03 - 5.00E+00	2.00E-04 - 6.00E-04	4.56E-04	1.2E-04	1.5E-05	mg/L	Yes/P
Diethyl phthalate	1/1		1.10E-02 - 1.10E-02	5.50E-03	1.2E+00		mg/L	No
Trichloroethene	206/214	1.00E-03 - 3.10E-01	4.00E-03 - 2.40E+00	6.82E-01	1.2E-03	1.4E-04	mg/L	Yes/P
cis-1,2-Dichloroethene	6/170	5.00E-03 - 5.00E+00	7.00E-04 - 2.20E-02	3.89E-03	2.0E-03		mg/L	Yes/P
trans-1,2-Dichloroethene	1/170	5.00E-03 - 5.00E+00	1.00E-04 - 1.00E-04	2.52E-01	4.0E-03		mg/L	No
Alpha activity	154/218	-8.10E+00 - 1.00E+03	1.00E-01 - 2.71E+01	2.38E+01			pCi/L	Yes/Qual
Beta activity	205/218	-3.00E+00 - 1.00E+03	1.00E+00 - 1.59E+02	2.49E+01			pCi/L	Yes/Qual
Neptunium-237	5/6	0.00E+00 - 0.00E+00	1.00E-01 - 7.00E-01	1.08E-01		1.3E-01	pCi/L	No
Plutonium-239	2/6	0.00E+00 - 0.00E+00	1.00E-01 - 2.00E-01	2.50E-02		1.2E-01	pCi/L	Yes/PB
Radon-222	13/13		2.57E+02 - 8.48E+02	2.28E+02		1.4E+00	pCi/L	Yes/PB
Technetium-99	176/222	-1.10E+01 - 2.50E+01	8.00E-01 - 1.68E+02	1.28E+01		2.8E+01	pCi/L	Yes/PB
Thorium-230	5/6	-3.00E-01 --3.00E-01	1.00E-01 - 6.00E-01	1.25E-01		1.0E+00	pCi/L	No

AREA_CODE=f MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	2/2		5.23E+00 - 7.57E+00	3.20E+00	1.5E+00		mg/L	Yes/P
Barium	3/3		1.60E-01 - 2.22E-01	9.48E-02	1.0E-01		mg/L	Yes/P
Calcium	3/3		2.05E+01 - 2.27E+01	1.07E+01			mg/L	No
Chloride	3/3		1.13E+01 - 1.50E+01	6.72E+00			mg/L	No
Copper	2/3	1.00E-02 - 1.00E-02	1.00E-01 - 1.82E-01	4.87E-02	6.0E-02		mg/L	No
Fluoride	3/3		2.40E-01 - 2.80E-01	2.63E-01	9.1E-02		mg/L	No
Iron	3/3		4.60E+00 - 7.36E+00	2.84E+00	4.5E-01		mg/L	Yes/PE
Magnesium	3/3		8.51E+00 - 1.00E+01	4.55E+00			mg/L	No
Manganese	3/3		3.00E-02 - 1.25E-01	3.10E-02	6.7E-02		mg/L	Yes/P
Nitrate as Nitrogen	2/3	1.00E+00 - 1.00E+00	1.10E+00 - 1.10E+00	5.33E-01	2.4E+00		mg/L	No
Potassium	1/2	2.00E+00 - 2.00E+00	2.16E+00 - 2.16E+00	1.04E+00			mg/L	No
Silica	2/2		3.30E+01 - 3.80E+01	1.78E+01			mg/L	Yes/Qual
Sodium	3/3		4.54E+01 - 5.83E+01	2.69E+01			mg/L	Yes/Qual
Tetraoxo-sulfate(1-)	3/3		2.10E+01 - 4.96E+01	1.81E+01			mg/L	Yes/Qual
Vanadium	2/2		7.80E-02 - 8.10E-02	3.98E-02	9.3E-03		mg/L	Yes/P
Zinc	3/3		1.60E-02 - 1.00E-01	2.33E-02	4.5E-01		mg/L	Yes/Qual
Trichloroethene	1/8	1.00E-03 - 1.00E-03	2.00E-03 - 2.00E-03	1.13E-03	1.2E-03	1.4E-04	mg/L	Yes/P

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=f MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Alpha activity	7/8	-6.40E+00 --6.40E+00	2.00E-01 - 1.15E+01	3.69E+00			pCi/L	Yes/Qual
Beta activity	8/8		4.00E+00 - 1.40E+01	4.25E+00			pCi/L	Yes/Qual
Radon-222	1/1		4.71E+02 - 4.71E+02	2.36E+02		1.4E+00	pCi/L	Yes/P
Technetium-99	4/8	0.00E+00 - 0.00E+00	2.10E+01 - 7.70E+01	4.11E+01		2.8E+01	pCi/L	Yes/P

AREA_CODE=g MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	5/9	1.00E-01 - 7.50E-01	1.02E-01 - 2.16E-01	1.75E-01	1.5E+00		mg/L	No
Arsenic	1/9	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-03	2.50E-03	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	9/9		7.20E-02 - 1.11E-01	4.23E-02	1.0E-01		mg/L	No
Calcium	9/9		8.43E+00 - 3.26E+01	9.18E+00			mg/L	No
Chloride	9/9		1.00E+01 - 1.30E+01	5.63E+00			mg/L	No
Copper	1/9	1.00E-02 - 1.00E-01	1.30E-02 - 1.30E-02	1.11E-02	6.0E-02		mg/L	No
Fluoride	7/7		1.70E-01 - 2.10E-01	1.84E-01	9.1E-02		mg/L	No
Iron	9/9		8.94E+00 - 1.64E+01	6.34E+00	4.5E-01		mg/L	No
Magnesium	9/9		4.68E+00 - 7.79E+00	3.08E+00			mg/L	No
Manganese	9/9		5.11E-01 - 7.14E-01	3.03E-01	6.7E-02		mg/L	No
Mercury	1/7	2.00E-04 - 2.00E-04	4.50E-03 - 4.50E-03	4.07E-04	4.4E-04		mg/L	Yes/PB
Nitrate as Nitrogen	1/9	1.00E+00 - 1.00E+00	1.30E+00 - 1.30E+00	5.17E-01	2.4E+00		mg/L	No
Potassium	8/9	1.05E+01 - 1.05E+01	4.75E+00 - 1.39E+01	9.93E+00			mg/L	No
Silica	9/9		8.73E+00 - 3.00E+01	1.02E+01			mg/L	Yes/B
Sodium	9/9		2.19E+01 - 2.90E+01	1.29E+01			mg/L	No
Tetraoxo-sulfate(1-)	6/6		1.09E+01 - 1.70E+01	6.60E+00			mg/L	Yes/Qual
Vanadium	4/7	5.00E-02 - 5.00E-02	5.30E-02 - 6.40E-02	5.47E-02	9.3E-03		mg/L	No
Zinc	4/9	5.00E-03 - 2.50E-01	5.00E-03 - 3.30E-02	1.41E-02	4.5E-01		mg/L	No
Alpha activity	9/10	-1.60E+00 --1.60E+00	9.00E-01 - 6.90E+00	1.55E+00			pCi/L	Yes/Qual
Beta activity	10/10		1.00E+01 - 2.50E+01	7.62E+00			pCi/L	Yes/Qual
Neptunium-237	4/7	-4.00E-01 --1.00E-01	1.00E-01 - 5.00E-01	2.86E-02		1.3E-01	pCi/L	Yes/PB
Plutonium-239	2/7	0.00E+00 - 0.00E+00	1.00E-01 - 2.00E-01	1.68E-01		1.2E-01	pCi/L	Yes/PB
Radium-226	5/6	-7.00E-01 --7.00E-01	3.00E-01 - 1.30E+00	1.92E-01		1.3E-01	pCi/L	Yes/PB
Radon-222	9/9		6.70E+01 - 1.78E+02	5.38E+01		1.4E+00	pCi/L	No
Technetium-99	6/10	0.00E+00 - 0.00E+00	4.00E+00 - 1.30E+01	7.88E+00		2.8E+01	pCi/L	No
Thorium-230	4/7	-1.00E-01 - 0.00E+00	1.00E-01 - 5.00E-01	5.71E-02		1.0E+00	pCi/L	No

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Table 2.12 Summary of data evaluation (continued)

AREA_CODE=g MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	25/31	6.20E-01 - 1.00E+00	1.23E-01 - 1.10E+01	1.00E+00	1.5E+00		mg/L	Yes/PB
Arsenic	1/36	5.00E-03 - 5.00E-03	5.20E-03 - 5.20E-03	2.50E-03	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	35/36	7.00E-02 - 7.00E-02	8.80E-02 - 2.00E-01	6.55E-02	1.0E-01		mg/L	No
Cadmium	1/36	1.00E-02 - 1.00E-01	1.20E-02 - 1.20E-02	1.09E-02	6.6E-04		mg/L	Yes/PB
Calcium	36/36		1.28E+01 - 3.19E+01	1.04E+01			mg/L	No
Chloride	33/33		1.20E+01 - 5.50E+01	1.82E+01			mg/L	No
Chromium	9/31	5.00E-02 - 6.00E-02	5.30E-02 - 9.26E-01	4.75E-02	4.2E-03		mg/L	Yes/PB
Copper	8/36	1.00E-02 - 1.00E-01	1.00E-02 - 1.20E-01	9.30E-03	6.0E-02		mg/L	No
Fluoride	26/26		1.20E-01 - 2.70E-01	1.67E-01	9.1E-02		mg/L	No
Iron	32/36	3.55E-01 - 3.60E-01	6.70E-02 - 1.88E+01	1.97E+00	4.5E-01		mg/L	Yes/PBE
Lead	4/25	5.00E-02 - 2.50E-01	5.10E-02 - 1.29E-01	4.07E-02	1.5E-07		mg/L	Yes/PB
Magnesium	36/36		4.81E+00 - 1.08E+01	4.22E+00			mg/L	No
Manganese	24/36	5.00E-03 - 1.00E-01	5.00E-03 - 4.09E-01	3.96E-02	6.7E-02		mg/L	Yes/PB
Nickel	10/35	5.00E-02 - 1.00E-01	5.10E-02 - 1.66E+00	5.86E-02	3.0E-02		mg/L	Yes/PB
Nitrate as Nitrogen	32/33	1.00E+00 - 1.00E+00	1.60E+00 - 4.10E+00	1.29E+00	2.4E+00		mg/L	No
Potassium	15/35	2.00E+00 - 1.05E+01	2.02E+00 - 5.51E+00	2.64E+00			mg/L	No
Silica	30/30		7.68E+00 - 3.00E+01	9.68E+00			mg/L	Yes/B
Sodium	34/34		1.33E+01 - 3.69E+01	1.40E+01			mg/L	No
Tetraoxo-sulfate(1-)	24/24		4.00E+00 - 1.10E+01	4.19E+00			mg/L	Yes/Qual
Uranium	1/69	1.00E-03 - 1.00E-03	2.00E-03 - 2.00E-03	1.01E-03	4.5E-03		mg/L	No
Vanadium	21/26	4.00E-02 - 5.00E-02	5.00E-02 - 1.23E-01	7.62E-02	9.3E-03		mg/L	No
Zinc	17/36	5.00E-03 - 2.50E-01	5.00E-03 - 5.30E+00	2.68E-02	4.5E-01		mg/L	Yes/PB
Trichloroethene	2/48	1.00E-03 - 5.00E-03	1.00E-03 - 1.00E-03	1.25E-03	1.2E-03	1.4E-04	mg/L	Yes/P
Alpha activity	147/205	-9.60E+00 - 1.00E+03	1.00E-01 - 1.13E+01	2.61E+00			pCi/L	Yes/Qual
Beta activity	174/205	-4.00E+00 - 1.00E+03	1.00E+00 - 3.60E+01	7.41E+00			pCi/L	Yes/Qual
Neptunium-237	11/21	-4.00E-01 - 0.00E+00	1.00E-01 - 8.00E-01	4.29E-02		1.3E-01	pCi/L	Yes/PB
Plutonium-239	4/21	0.00E+00 - 0.00E+00	1.00E-01 - 1.00E-01	9.52E-03		1.2E-01	pCi/L	No
Radium-226	11/18	-1.00E+00 - 0.00E+00	2.00E-01 - 1.30E+00	5.50E-01		1.3E-01	pCi/L	Yes/PB
Radon-222	138/138		5.50E+01 - 1.97E+03	2.81E+02		1.4E+00	pCi/L	Yes/PB
Technetium-99	59/583	-3.90E+00 - 2.50E+01	1.00E+00 - 2.90E+01	2.24E+01		2.8E+01	pCi/L	Yes/PB
Thorium-230	17/21	0.00E+00 - 0.00E+00	1.00E-01 - 1.10E+00	2.10E-01		1.0E+00	pCi/L	Yes/PB

AREA_CODE=g MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	8/9	6.20E-01 - 6.20E-01	1.06E-01 - 2.22E+00	5.25E-01	1.5E+00		mg/L	Yes/P
Barium	8/9	7.00E-02 - 7.00E-02	4.00E-02 - 6.20E-02	2.66E-02	1.0E-01		mg/L	No

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=g MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Calcium	9/9		5.36E+00 - 4.80E+01	1.02E+01			mg/L	No
Chloride	8/9	2.00E+00 - 2.00E+00	7.00E+00 - 6.88E+01	2.66E+01			mg/L	No
Chromium	2/9	5.00E-02 - 6.00E-02	7.00E-02 - 1.18E-01	4.17E-02	4.2E-03		mg/L	Yes/P
Copper	2/9	1.00E-02 - 2.50E-02	1.00E-02 - 1.50E-02	9.32E-03	6.0E-02		mg/L	No
Fluoride	6/8	1.00E-01 - 1.00E-01	1.00E-01 - 1.50E-01	1.24E-01	9.1E-02		mg/L	No
Iron	6/9	1.00E-02 - 3.60E-01	1.60E-02 - 1.70E+00	2.08E-01	4.5E-01		mg/L	No
Magnesium	9/9		2.75E+00 - 1.70E+01	3.98E+00			mg/L	No
Manganese	9/9		5.00E-03 - 1.50E+00	1.67E-01	6.7E-02		mg/L	Yes/P
Nitrate as Nitrogen	6/9	1.00E+00 - 1.00E+00	2.80E+00 - 7.80E+00	2.03E+00	2.4E+00		mg/L	Yes/P
Potassium	3/9	2.00E+00 - 2.00E+00	2.45E+00 - 8.10E+00	2.18E+00			mg/L	No
Silica	9/9		1.50E+01 - 3.00E+01	1.18E+01			mg/L	Yes/Qual
Sodium	9/9		7.56E+00 - 5.50E+01	1.29E+01			mg/L	Yes/Qual
Tetraoxo-sulfate(1-)	6/6		3.10E+01 - 2.38E+02	4.58E+01			mg/L	Yes/Qual
Vanadium	4/9	5.00E-02 - 5.00E-02	5.40E-02 - 1.40E-01	6.60E-02	9.3E-03		mg/L	Yes/P
Zinc	4/9	5.00E-03 - 3.00E-02	7.00E-03 - 6.20E-02	1.21E-02	4.5E-01		mg/L	Yes/Qual
Alpha activity	6/12	-3.10E+00 - 1.00E+03	9.00E-01 - 4.70E+00	2.88E+00			pCi/L	Yes/Qual
Beta activity	11/12	1.00E+03 - 1.00E+03	3.00E+00 - 3.30E+01	1.32E+01			pCi/L	Yes/Qual
Neptunium-237	2/7	-5.00E-01 - 0.00E+00	2.00E-01 - 2.00E-01	-5.71E-02		1.3E-01	pCi/L	Yes/P
Plutonium-239	1/7	0.00E+00 - 0.00E+00	2.00E-01 - 2.00E-01	1.43E-02		1.2E-01	pCi/L	Yes/P
Radium-226	4/6	-9.00E-01 --8.00E-01	4.00E-01 - 1.60E+00	1.17E-01		1.3E-01	pCi/L	Yes/P
Radon-222	7/7		3.72E+02 - 6.95E+02	2.65E+02		1.4E+00	pCi/L	Yes/P
Technetium-99	11/11		5.00E+00 - 3.80E+01	1.99E+01		2.8E+01	pCi/L	Yes/P
Thorium-230	3/7	0.00E+00 - 0.00E+00	3.00E-01 - 4.00E-01	7.86E-02		1.0E+00	pCi/L	No

AREA_CODE=h MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	6/9	6.25E-01 - 7.50E-01	1.14E-01 - 3.44E-01	2.41E-01	1.5E+00		mg/L	No
Barium	9/10	7.00E-02 - 7.00E-02	1.46E-01 - 1.71E-01	7.36E-02	1.0E-01		mg/L	No
Calcium	10/10		2.41E+01 - 2.98E+01	1.33E+01			mg/L	No
Chloride	10/10		8.80E+00 - 1.10E+01	4.86E+00			mg/L	No
Fluoride	9/9		2.10E-01 - 3.30E-01	2.98E-01	9.1E-02		mg/L	Yes/PBE
Iron	10/10		1.68E+00 - 6.14E+00	1.55E+00	4.5E-01		mg/L	No
Magnesium	10/10		7.84E+00 - 9.76E+00	4.48E+00			mg/L	No
Manganese	10/10		8.20E-02 - 1.41E-01	5.65E-02	6.7E-02		mg/L	No
Nitrate as Nitrogen	1/10	1.00E+00 - 1.00E+00	1.40E+00 - 1.40E+00	5.20E-01	2.4E+00		mg/L	No

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=h MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Potassium	9/10	1.05E+01 - 1.05E+01	5.80E+00 - 1.44E+01	9.23E+00			mg/L	No
Silica	9/9		1.60E+01 - 3.60E+01	1.46E+01			mg/L	Yes/B
Sodium	10/10		1.41E+01 - 1.72E+01	7.64E+00			mg/L	No
Tetraoxo-sulfate(1-)	8/8		1.00E+01 - 1.40E+01	5.57E+00			mg/L	Yes/Qual
Vanadium	6/7	5.00E-02 - 5.00E-02	5.20E-02 - 9.70E-02	3.59E-02	9.3E-03		mg/L	No
Zinc	4/10	5.00E-03 - 2.50E-01	6.00E-03 - 1.90E-02	1.04E-02	4.5E-01		mg/L	No
Alpha activity	9/12	-3.30E+00 --1.20E+00	9.00E-01 - 1.89E+01	5.55E+00			pCi/L	Yes/Qual
Beta activity	12/12		3.00E+00 - 3.10E+01	7.41E+00			pCi/L	Yes/Qual
Neptunium-237	2/7	-7.00E-01 --1.00E-01	1.00E-01 - 2.00E-01	1.68E-01		1.3E-01	pCi/L	No
Plutonium-239	1/7	0.00E+00 - 0.00E+00	1.00E-01 - 1.00E-01	7.14E-03		1.2E-01	pCi/L	No
Radium-226	6/7	-6.00E-01 --6.00E-01	2.00E-01 - 1.30E+00	7.01E-01		1.3E-01	pCi/L	Yes/PB
Radon-222	9/9		1.30E+02 - 3.33E+02	1.09E+02		1.4E+00	pCi/L	Yes/PB
Technetium-99	9/12	0.00E+00 - 0.00E+00	1.00E+00 - 2.10E+01	8.10E+00		2.8E+01	pCi/L	No
Thorium-230	4/7	0.00E+00 - 0.00E+00	1.00E-01 - 2.30E+00	5.62E-01		1.0E+00	pCi/L	Yes/PB

AREA_CODE=h MEDIA=Other Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	24/28	6.20E-01 - 6.30E-01	1.16E-01 - 1.41E+00	3.32E-01	1.5E+00		mg/L	No
Antimony	1/28	6.00E-02 - 1.85E-01	6.40E-02 - 6.40E-02	3.82E-02	5.6E-04		mg/L	Yes/P
Barium	25/28	7.00E-02 - 2.00E-01	3.80E-02 - 1.47E-01	4.98E-02	1.0E-01		mg/L	Yes/P
Calcium	28/28		7.99E+00 - 1.91E+01	7.39E+00			mg/L	No
Chloride	28/28		5.00E+00 - 5.90E+01	1.71E+01			mg/L	No
Chromium	1/28	1.00E-02 - 6.00E-02	9.40E-02 - 9.40E-02	2.58E-02	4.2E-03		mg/L	Yes/P
Copper	5/27	1.00E-02 - 2.50E-02	1.20E-02 - 4.80E-02	7.38E-03	6.0E-02		mg/L	No
Fluoride	27/27		1.50E-01 - 2.90E+00	8.44E-01	9.1E-02		mg/L	Yes/PE
Iron	21/28	1.00E-02 - 3.60E-01	1.60E-02 - 3.83E+00	2.42E-01	4.5E-01		mg/L	Yes/PE
Magnesium	28/28		2.85E+00 - 7.12E+00	2.79E+00			mg/L	No
Manganese	12/28	5.00E-03 - 2.00E-02	7.00E-03 - 6.02E+00	1.27E-02	6.7E-02		mg/L	Yes/P
Mercury	1/26	2.00E-04 - 2.00E-04	3.80E-03 - 3.80E-03	1.69E-04	4.4E-04		mg/L	Yes/P
Nickel	2/28	5.00E-02 - 1.00E-01	5.60E-02 - 7.20E-02	3.31E-02	3.0E-02		mg/L	Yes/P
Nitrate as Nitrogen	25/28	1.00E+00 - 1.00E+00	1.10E+00 - 4.60E+00	2.48E+00	2.4E+00		mg/L	Yes/P
Potassium	1/28	2.00E+00 - 2.00E+00	3.88E+00 - 3.88E+00	1.03E+00			mg/L	No
Silica	28/28		6.00E+00 - 2.20E+01	7.57E+00			mg/L	Yes/Qual
Sodium	28/28		5.06E+01 - 8.97E+01	3.36E+01			mg/L	Yes/Qual
Tetraoxo-sulfate(1-)	19/19		6.00E+00 - 4.88E+01	9.55E+00			mg/L	Yes/Qual

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=h MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Thallium	1/28	1.00E-02 - 4.70E-01	7.50E-02 - 7.50E-02	5.35E-02			mg/L	Yes/Qual
Vanadium	18/28	4.10E-02 - 5.00E-02	5.10E-02 - 4.98E+00	8.08E-02	9.3E-03		mg/L	Yes/P
Zinc	13/28	5.00E-03 - 3.00E-02	6.00E-03 - 3.80E-02	1.30E-02	4.5E-01		mg/L	Yes/Qual
Alpha activity	21/28	-6.70E+00 - 2.00E-01	4.00E-01 - 7.40E+00	2.56E+00			pCi/L	Yes/Qual
Beta activity	28/28		1.00E+00 - 1.30E+01	2.56E+00			pCi/L	Yes/Qual
Neptunium-237	10/28	-1.00E+00 - 0.00E+00	1.00E-01 - 8.00E-01	3.47E-01		1.3E-01	pCi/L	Yes/P
Plutonium-239	6/27	0.00E+00 - 0.00E+00	1.00E-01 - 1.00E-01	1.11E-02		1.2E-01	pCi/L	No
Radium-226	19/24	-1.00E+00 - 0.00E+00	1.00E-01 - 9.00E-01	4.25E-01		1.3E-01	pCi/L	Yes/P
Radon-222	28/28		3.20E+02 - 5.29E+03	3.46E+02		1.4E+00	pCi/L	Yes/P
Technetium-99	20/28	0.00E+00 - 0.00E+00	2.00E+00 - 2.20E+01	1.18E+01		2.8E+01	pCi/L	No
Thorium-230	23/28	-5.00E-01 - 0.00E+00	1.00E-01 - 1.60E+00	2.20E-01		1.0E+00	pCi/L	Yes/P

AREA_CODE=h MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	6/8	6.25E-01 - 7.50E-01	1.51E-01 - 2.31E+00	1.10E+00	1.5E+00		mg/L	Yes/PB
Arsenic	1/10	5.00E-03 - 5.00E-03	7.00E-03 - 7.00E-03	2.60E-03	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	10/11	7.00E-02 - 7.00E-02	3.00E-02 - 2.82E-01	7.26E-02	1.0E-01		mg/L	Yes/PB
Calcium	11/11		1.43E+01 - 5.65E+01	1.44E+01			mg/L	No
Chloride	9/9		4.70E+01 - 1.09E+02	3.58E+01			mg/L	No
Chromium	3/8	5.00E-02 - 6.00E-02	6.20E-02 - 2.32E-01	6.62E-02	4.2E-03		mg/L	Yes/PB
Copper	2/11	1.00E-02 - 1.00E-01	3.50E-02 - 5.30E-02	9.52E-03	6.0E-02		mg/L	No
Fluoride	7/7		2.10E-01 - 2.60E-01	2.36E-01	9.1E-02		mg/L	No
Iron	10/11	3.55E-01 - 3.55E-01	3.00E-02 - 4.68E+01	2.33E+00	4.5E-01		mg/L	Yes/PBE
Magnesium	11/11		6.51E+00 - 1.87E+01	5.75E+00			mg/L	No
Manganese	9/11	5.00E-03 - 2.00E-02	5.00E-03 - 1.42E-01	3.16E-02	6.7E-02		mg/L	Yes/PB
Nickel	2/11	5.00E-02 - 1.00E-01	5.00E-02 - 6.50E-02	5.04E-02	3.0E-02		mg/L	No
Nitrate as Nitrogen	9/9		2.20E+00 - 3.83E+01	4.28E+00	2.4E+00		mg/L	Yes/PB
Potassium	1/11	2.00E+00 - 1.05E+01	2.20E+00 - 2.20E+00	2.04E+00			mg/L	No
Silica	7/7		1.30E+01 - 2.00E+01	8.50E+00			mg/L	No
Sodium	10/10		3.71E+01 - 6.96E+01	2.67E+01			mg/L	Yes/B
Tetraoxo-sulfate(1-)	9/9		5.00E+00 - 2.26E+01	6.74E+00			mg/L	Yes/Qual
Uranium	2/24	1.00E-03 - 1.00E-03	2.00E-03 - 1.60E-02	4.54E-05	4.5E-03		mg/L	Yes/PB
Vanadium	4/5	5.00E-02 - 5.00E-02	6.40E-02 - 1.47E-01	4.76E-02	9.3E-03		mg/L	Yes/PB
Zinc	4/11	5.00E-03 - 2.50E-01	8.00E-03 - 4.40E-02	1.16E-02	4.5E-01		mg/L	No
Trichloroethene	2/28	1.00E-03 - 1.00E-03	1.00E-03 - 3.00E-03	1.07E-03	1.2E-03	1.4E-04	mg/L	Yes/P

526998

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=h MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
cis-1,2-Dichloroethene	1/10	5.00E-03 - 5.00E-03	2.40E-03 - 2.40E-03	4.74E-03	2.0E-03		mg/L	Yes/P
Alpha activity	125/173	-1.05E+01 - 1.00E+03	1.00E-01 - 3.14E+01	2.26E+00			pCi/L	Yes/Qual
Beta activity	147/173	-7.00E+00 - 1.00E+03	4.20E-01 - 5.70E+01	7.60E+00			pCi/L	Yes/Qual
Radon-222	57/57		8.00E-01 - 1.06E+03	1.42E+02		1.4E+00	pCi/L	Yes/PB
Technetium-99	97/415	-1.51E+01 - 2.50E+01	2.00E-01 - 3.40E+01	1.79E+01		2.8E+01	pCi/L	Yes/PB

AREA_CODE=h MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	2/2		2.41E-01 - 1.64E+00	4.70E-01	1.5E+00		mg/L	Yes/P
Barium	3/3		9.30E-02 - 1.12E-01	5.08E-02	1.0E-01		mg/L	Yes/P
Calcium	3/3		2.25E+01 - 2.63E+01	1.24E+01			mg/L	No
Chloride	3/3		2.03E+01 - 3.30E+01	1.36E+01			mg/L	No
Fluoride	3/3		2.10E-01 - 2.30E-01	2.20E-01	9.1E-02		mg/L	No
Iron	3/3		2.34E-01 - 2.01E+00	6.81E-01	4.5E-01		mg/L	Yes/PE
Magnesium	3/3		8.40E+00 - 9.45E+00	4.47E+00			mg/L	No
Manganese	3/3		3.70E-02 - 7.80E-02	2.58E-02	6.7E-02		mg/L	Yes/P
Nickel	3/3		2.40E-01 - 5.70E-01	1.82E-01	3.0E-02		mg/L	Yes/P
Nitrate as Nitrogen	3/3		1.20E+00 - 2.80E+00	9.33E-01	2.4E+00		mg/L	Yes/P
Potassium	2/3	1.05E+01 - 1.05E+01	3.11E+00 - 5.14E+00	3.13E+00			mg/L	No
Silica	2/2		2.40E+01 - 3.90E+01	1.58E+01			mg/L	Yes/Qual
Sodium	3/3		4.46E+01 - 4.52E+01	2.25E+01			mg/L	Yes/Qual
Tetraoxo-sulfate(1-)	3/3		1.50E+01 - 4.10E+01	1.34E+01			mg/L	Yes/Qual
Vanadium	2/2		8.00E-02 - 8.00E-02	4.00E-02	9.3E-03		mg/L	Yes/P
Zinc	1/3	5.00E-03 - 3.00E-02	1.80E-02 - 1.80E-02	8.83E-03	4.5E-01		mg/L	Yes/Qual
Alpha activity	8/11	-4.50E+00 - 1.00E+03	1.10E+00 - 5.40E+00	3.03E+00			pCi/L	Yes/Qual
Beta activity	11/11		3.00E+00 - 1.50E+01	3.91E+00			pCi/L	Yes/Qual
Radon-222	1/1		2.68E+02 - 2.68E+02	1.34E+02		1.4E+00	pCi/L	Yes/P
Technetium-99	8/11	0.00E+00 - 0.00E+00	3.00E+00 - 2.20E+01	9.73E+00		2.8E+01	pCi/L	No

625697

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=i MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	2/2		2.04E-01 - 3.84E-01	1.47E-01	1.5E+00		mg/L	No
Barium	3/3		1.10E-01 - 1.45E-01	6.57E-02	1.0E-01		mg/L	No
Calcium	3/3		3.84E+01 - 4.10E+01	1.97E+01			mg/L	No
Chloride	3/3		1.37E+01 - 3.10E+01	1.01E+01			mg/L	No
Fluoride	3/3		2.10E-01 - 2.50E-01	2.30E-01	9.1E-02		mg/L	No
Iron	2/3	3.60E-01 - 3.60E-01	2.22E-01 - 4.01E-01	1.64E-01	4.5E-01		mg/L	No
Magnesium	3/3		1.53E+01 - 1.76E+01	8.23E+00			mg/L	No
Manganese	3/3		1.80E-01 - 9.83E-01	3.48E-01	6.7E-02		mg/L	Yes/PB
Nitrate as Nitrogen	1/3	1.00E+00 - 1.00E+00	2.30E+00 - 2.30E+00	7.17E-01	2.4E+00		mg/L	No
Potassium	3/3		3.82E+00 - 1.14E+01	3.22E+00			mg/L	No
Silica	2/2		2.60E+01 - 2.80E+01	1.35E+01			mg/L	Yes/B
Sodium	3/3		2.25E+01 - 2.44E+01	1.17E+01			mg/L	No
Tetraoxo-sulfate(1-)	3/3		1.30E+01 - 1.80E+01	7.97E+00			mg/L	Yes/Qual
Uranium	1/7	1.00E-03 - 1.00E-03	1.00E-03 - 1.00E-03	1.00E-03	4.5E-03		mg/L	No
Vanadium	1/2	5.00E-02 - 5.00E-02	1.87E-01 - 1.87E-01	5.93E-02	9.3E-03		mg/L	Yes/PB
Alpha activity	7/10	-3.60E+00 --4.90E-01	7.00E-01 - 4.10E+00	2.13E+00			pCi/L	Yes/Qual
Beta activity	10/10		4.00E+00 - 2.10E+01	5.57E+00			pCi/L	Yes/Qual
Radon-222	1/1		6.40E+01 - 6.40E+01	3.20E+01		1.4E+00	pCi/L	No
Technetium-99	8/10	-2.00E+00 - 0.00E+00	3.00E+00 - 2.20E+01	9.73E+00		2.8E+01	pCi/L	No

AREA_CODE=i MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	86/110	2.00E-02 - 6.20E-01	2.80E-02 - 4.85E+01	8.09E-01	1.5E+00		mg/L	Yes/PB
Antimony	6/412	1.30E-03 - 2.50E-01	1.70E-03 - 2.73E-01	7.88E-02	5.6E-04		mg/L	Yes/PB
Arsenic	17/476	5.00E-03 - 5.00E-03	1.80E-03 - 3.60E-02	2.62E-03	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	454/476	3.50E-02 - 7.00E-02	2.40E-02 - 1.66E+00	9.64E-02	1.0E-01		mg/L	Yes/PB
Beryllium	28/412	1.00E-04 - 2.50E-02	2.00E-04 - 8.00E-03	7.54E-03	2.6E-03	1.0E-06	mg/L	Yes/PB
Bicarbonate	3/3		1.81E+02 - 2.37E+02	1.01E+02			mg/L	Yes/Qual
Boron	34/48	3.00E-02 - 3.00E-02	3.00E-02 - 1.54E+00	1.63E-01	1.4E-01		mg/L	Yes/P
Cadmium	7/483	5.00E-04 - 2.50E-02	1.00E-04 - 1.80E-02	3.73E-03	6.6E-04		mg/L	Yes/PB
Calcium	147/148	2.06E+01 - 2.06E+01	5.79E+00 - 6.85E+01	2.89E+01			mg/L	No
Cerium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	4.00E-02			mg/L	Yes/Qual
Chloride	480/483	2.00E+01 - 2.00E+01	9.00E+00 - 1.62E+02	1.95E+01			mg/L	Yes/BE
Chromium	195/488	2.00E-03 - 1.32E+00	3.10E-03 - 2.51E+01	2.07E-01	4.2E-03		mg/L	Yes/PB
Cobalt	36/412	5.00E-03 - 1.00E-01	3.40E-03 - 8.40E-02	2.74E-02	9.1E-02		mg/L	Yes/B
Copper	42/478	4.00E-03 - 1.00E-01	4.00E-03 - 3.10E-01	2.83E-02	6.0E-02		mg/L	Yes/PBE

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=i MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Fluoride	169/175	1.00E-01 - 1.00E-01	1.00E-01 - 7.10E-01	2.01E-01	9.1E-02		mg/L	Yes/PBE
Gallium	24/48	9.00E-02 - 9.00E-02	9.00E-02 - 9.00E-02	4.50E-02			mg/L	Yes/Qual
Iron	419/484	5.00E-03 - 2.88E+00	1.00E-02 - 1.69E+02	2.54E+00	4.5E-01		mg/L	Yes/PBE
Lead	8/445	3.00E-03 - 2.50E-01	4.00E-03 - 1.26E-01	2.88E-02	1.5E-07		mg/L	No
Lithium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	4.00E-02	3.0E-02		mg/L	Yes/P
Magnesium	148/148		1.31E+00 - 3.49E+01	5.12E+00			mg/L	Yes/BE
Manganese	121/148	5.00E-03 - 2.00E-02	7.00E-03 - 1.49E+01	1.05E-01	6.7E-02		mg/L	Yes/PB
Mercury	2/434	2.00E-04 - 2.00E-03	3.00E-04 - 3.00E-04	1.21E-04	4.4E-04		mg/L	Yes/B
Molybdenum	24/87	3.00E-02 - 5.50E-02	3.00E-02 - 3.00E-02	1.96E-02	7.5E-03		mg/L	No
Nickel	161/478	1.00E-02 - 1.00E-01	1.00E-02 - 1.89E+00	6.74E-02	3.0E-02		mg/L	Yes/PB
Nitrate as Nitrogen	391/477	1.00E+00 - 1.00E+00	6.20E-01 - 4.80E+00	7.73E-01	2.4E+00		mg/L	No
Potassium	69/133	2.00E+00 - 1.05E+01	1.39E+00 - 2.21E+01	2.17E+00			mg/L	No
Selenium	3/444	1.40E-03 - 1.00E-02	5.00E-03 - 9.00E-03	2.50E-03	7.5E-03		mg/L	Yes/PBE
Silica	22/22		9.00E+00 - 3.40E+01	1.09E+01			mg/L	Yes/B
Silver	15/437	7.00E-04 - 6.00E-02	1.00E-03 - 9.70E-02	2.05E-02	7.5E-03		mg/L	Yes/PB
Sodium	477/477		1.99E+01 - 7.64E+01	2.04E+01			mg/L	Yes/B
Strontium	54/54		6.50E-02 - 1.70E-01	5.77E-02	9.0E-01		mg/L	No
Sulfate	73/88	5.00E+00 - 1.00E+01	5.40E+00 - 2.21E+02	3.13E+01			mg/L	Yes/B
Tetraoxo-sulfate(1-)	104/113	5.00E+00 - 5.00E+00	5.00E+00 - 3.98E+02	1.18E+01			mg/L	Yes/Qual
Thorium	24/48	5.00E-02 - 5.00E-02	5.00E-02 - 5.00E-02	2.50E-02			mg/L	Yes/Qual
Titanium	27/48	6.00E-02 - 6.00E-02	6.00E-02 - 2.20E-01	3.31E-02			mg/L	Yes/Qual
Uranium	13/506	1.00E-03 - 1.00E-03	1.00E-03 - 2.40E-02	1.07E-03	4.5E-03		mg/L	Yes/PB
Vanadium	117/385	5.00E-03 - 5.00E-01	4.00E-03 - 4.28E-01	6.69E-02	9.3E-03		mg/L	Yes/PB
Zinc	128/476	5.00E-03 - 5.00E-01	5.00E-03 - 4.60E-01	5.22E-02	4.5E-01		mg/L	Yes/PB
Zirconium	24/48	2.00E-02 - 2.00E-02	2.00E-02 - 2.00E-02	1.00E-02			mg/L	Yes/Qual
1,1,1-Trichloroethane	1/508	5.00E-05 - 1.00E-02	4.00E-03 - 4.00E-03	2.39E-03	5.4E-02		mg/L	No
1,2-Dichlorobenzene	1/342	5.00E-05 - 2.00E-02	5.70E-05 - 5.70E-05	2.44E-03	1.2E-02		mg/L	Yes/Qual
1,2-Dichloroethene	4/23	1.00E-03 - 1.00E-02	1.00E-03 - 2.00E-03	9.49E-04	1.8E-03		mg/L	Yes/P
1,3,5-Trimethylbenzene	1/1		2.00E-04 - 2.00E-04	1.00E-04	3.9E-04		mg/L	Yes/Qual
1,4-Dichlorobenzene	1/342	5.00E-05 - 2.00E-02	6.20E-05 - 6.20E-05	2.44E-03	5.3E-02	2.0E-04	mg/L	Yes/Qual
2-Butanone	42/372	5.00E-03 - 1.00E-01	2.00E-03 - 5.10E-02	7.53E-03	6.2E-02		mg/L	No
4-Bromofluorobenzene	2/2		9.40E-02 - 9.40E-02	4.70E-02			mg/L	Yes/Qual
4-Methyl-2-pentanone	2/404	2.00E-03 - 1.00E-01	2.00E-03 - 1.70E-02	7.01E-03	5.1E-03		mg/L	Yes/P
Acetone	53/372	2.00E-03 - 1.00E-01	1.00E-03 - 9.90E-02	7.06E-03	2.0E-02		mg/L	Yes/P
Acrylonitrile	1/378	1.00E-03 - 2.00E-01	1.00E-02 - 1.00E-02	1.51E-02	1.2E-04	3.4E-06	mg/L	Yes/P
Benzene	2/505	5.00E-05 - 5.00E-03	1.40E-04 - 1.00E-03	2.30E-03	4.0E-04	3.5E-05	mg/L	Yes/P
Bis(2-ethylhexyl)phthalate	4/22	1.00E-02 - 2.00E-02	5.00E-04 - 9.00E-03	4.57E-03	2.6E-02	3.1E-04	mg/L	Yes/P
Bromomethane	3/404	5.00E-05 - 1.00E-02	5.50E-05 - 1.00E-03	2.53E-03	2.9E-04		mg/L	Yes/P
Carbazole	1/2	1.00E-02 - 1.00E-02	1.20E-02 - 1.20E-02	5.50E-03		2.2E-04	mg/L	Yes/P
Chlorobenzene	2/404	5.00E-05 - 1.00E-02	4.60E-05 - 1.00E-03	2.36E-03	1.3E-03		mg/L	No

626956

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=i MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Chloroethane	1/404	5.00E-05 - 1.00E-02	1.00E-03 - 1.00E-03	2.61E-03	3.1E-01		mg/L	No
Chloroform	10/524	5.00E-05 - 5.00E-03	4.90E-05 - 2.00E-03	2.34E-03	2.0E-03	1.5E-05	mg/L	Yes/P
Chloromethane	14/404	5.00E-05 - 1.50E-02	5.70E-05 - 2.00E-03	2.59E-03		1.3E-04	mg/L	Yes/P
Chrysene	1/22	1.00E-02 - 2.00E-02	6.00E-04 - 6.00E-04	5.01E-03		1.3E-04	mg/L	Yes/P
Di-n-butyl phthalate	2/22	1.00E-02 - 2.00E-02	1.00E-02 - 1.00E-02	5.23E-03	1.3E-01		mg/L	Yes/Qual
Dichlorodifluoromethane	1/404	5.00E-05 - 5.00E-03	7.40E-05 - 7.40E-05	2.25E-03	1.3E-02		mg/L	No
Dimethylbenzene	2/505	5.00E-05 - 1.50E-02	1.00E-03 - 3.00E-03	3.14E-03	4.0E-01		mg/L	Yes/Qual
Ethanol	7/340	5.00E-02 - 1.00E+00	7.00E-03 - 3.50E-01	1.58E-01			mg/L	Yes/Qual
Ethylbenzene	1/505	5.00E-05 - 1.00E-02	1.00E-03 - 1.00E-03	2.39E-03	4.5E-02		mg/L	Yes/Qual
Methylene chloride	39/404	5.00E-05 - 1.00E-02	4.60E-05 - 1.80E-02	3.43E-03	6.2E-02	3.6E-04	mg/L	Yes/P
PCB-1254	1/20	1.00E-04 - 5.90E-04	9.00E-04 - 9.00E-04	3.27E-04	1.9E-05	8.0E-06	mg/L	Yes/P
Polychlorinated biphenyl	1/87	1.00E-04 - 1.70E-04	1.00E-04 - 1.00E-04	1.01E-04		8.0E-06	mg/L	Yes/P
Tetrachloroethene	4/460	5.00E-05 - 1.00E-02	6.90E-05 - 2.00E-03	2.37E-03	7.9E-03	5.7E-05	mg/L	Yes/P
Toluene	15/505	5.00E-05 - 5.00E-03	4.70E-05 - 9.00E-03	2.33E-03	2.4E-02		mg/L	No
Trichloroethene	317/611	1.00E-03 - 1.00E-02	6.50E-05 - 4.70E-02	3.66E-03	1.2E-03	1.4E-04	mg/L	Yes/P
Trichlorofluoromethane	7/404	5.00E-05 - 1.00E-02	5.50E-05 - 2.00E-03	2.37E-03	4.2E-02		mg/L	No
Vinyl chloride	1/526	5.00E-05 - 1.00E-02	1.00E-03 - 1.00E-03	3.38E-03		1.7E-06	mg/L	Yes/P
cis-1,2-Dichloroethene	13/451	5.00E-05 - 7.00E-02	5.10E-05 - 2.00E-03	6.07E-03	2.0E-03		mg/L	No
m,p-Xylene	3/12	1.00E-04 - 1.00E-04	4.60E-05 - 1.50E-04	4.80E-05	4.0E-01		mg/L	Yes/Qual
trans-1,2-Dichloroethene	2/516	5.00E-05 - 1.00E-01	5.40E-05 - 2.00E-03	6.51E-03	4.0E-03		mg/L	No
trans-1,3-Dichloropropene	1/404	5.00E-05 - 1.00E-02	1.70E-04 - 1.70E-04	2.53E-03			mg/L	Yes/Qual
Alpha activity	424/612	-4.40E+01 - 1.00E+03	1.00E-01 - 3.13E+01	4.68E+01			pCi/L	Yes/Qual
Americium-241	3/7	-1.90E+00 --3.00E-01	1.00E-01 - 8.00E-01	-1.64E-01		1.2E-01	pCi/L	Yes/P
Beta activity	608/642	-3.00E+00 - 1.00E+03	1.00E+00 - 1.35E+03	4.17E+01			pCi/L	Yes/Qual
Cesium-137	5/7	-4.00E-01 - 0.00E+00	1.00E-01 - 6.00E-01	9.29E-02		1.2E+00	pCi/L	Yes/Qual
Cobalt-60	5/7	-4.00E-01 - 0.00E+00	1.00E-01 - 1.20E+00	1.71E-01		2.0E+00	pCi/L	Yes/Qual
Neptunium-237	2/3	-9.41E-04 --9.41E-04	1.00E-01 - 5.00E-01	9.98E-02		1.3E-01	pCi/L	No
Radium-226	8/8		2.00E-01 - 9.00E-01	2.44E-01		1.3E-01	pCi/L	Yes/PB
Radon-222	30/30		2.08E+02 - 9.30E+02	2.52E+02		1.4E+00	pCi/L	Yes/PB
Technetium-99	496/671	-8.00E+00 - 2.50E+01	1.00E+00 - 1.40E+03	4.41E+01		2.8E+01	pCi/L	Yes/PB
Thorium-230	2/2		3.00E-01 - 4.00E-01	1.75E-01		1.0E+00	pCi/L	No
Thorium-234	1/1		6.00E-01 - 6.00E-01	3.00E-01		2.0E+00	pCi/L	No

S28997

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=i MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	9/9		5.49E-01 - 1.32E+01	2.29E+00	1.5E+00		mg/L	Yes/P
Antimony	4/22	1.30E-03 - 1.85E-01	2.00E-03 - 2.35E-01	4.16E-03	5.6E-04		mg/L	Yes/P
Arsenic	11/42	5.00E-03 - 5.00E-03	5.40E-03 - 5.70E-02	4.22E-03	4.5E-04	3.5E-06	mg/L	Yes/P
Barium	39/42	7.00E-02 - 7.00E-02	3.80E-02 - 1.19E+00	2.35E-01	1.0E-01		mg/L	Yes/P
Cadmium	2/46	1.00E-02 - 2.50E-02	1.80E-02 - 1.90E-02	6.00E-03	6.6E-04		mg/L	Yes/P
Calcium	18/18		1.48E+01 - 1.28E+02	3.43E+01			mg/L	No
Chloride	43/45	2.00E+00 - 1.00E+01	1.47E+00 - 9.79E+01	2.37E+01			mg/L	No
Chromium	4/46	5.00E-02 - 6.00E-02	5.40E-02 - 1.46E-01	2.68E-02	4.2E-03		mg/L	Yes/P
Cobalt	1/22	4.50E-02 - 5.00E-02	6.60E-02 - 6.60E-02	2.48E-02	9.1E-02		mg/L	Yes/Qual
Copper	29/46	1.00E-02 - 2.50E-02	1.20E-02 - 1.32E+00	1.44E-01	6.0E-02		mg/L	Yes/PE
Fluoride	36/41	1.00E-01 - 1.00E-01	2.20E-01 - 8.90E+00	6.63E-01	9.1E-02		mg/L	Yes/PE
Iron	46/46		6.90E-02 - 6.06E+01	3.12E+00	4.5E-01		mg/L	Yes/PE
Lead	5/37	5.00E-02 - 2.50E-01	5.70E-02 - 2.35E-01	2.52E-02	1.5E-07		mg/L	Yes/P
Magnesium	18/18		5.27E+00 - 4.37E+01	9.80E+00			mg/L	Yes/E
Manganese	17/18	5.00E-03 - 5.00E-03	2.20E-02 - 8.06E+00	5.85E-01	6.7E-02		mg/L	Yes/P
Mercury	3/33	2.00E-04 - 2.00E-04	4.00E-04 - 5.00E-04	1.11E-04	4.4E-04		mg/L	Yes/P
Nickel	7/45	5.00E-02 - 1.00E-01	7.60E-02 - 5.95E-01	1.79E-02	3.0E-02		mg/L	Yes/P
Nitrate	1/1		2.10E+00 - 2.10E+00	1.05E+00	2.4E+00		mg/L	No
Nitrate as Nitrogen	25/40	1.00E-01 - 1.00E+00	2.80E-01 - 2.30E+00	4.81E-01	2.4E+00		mg/L	No
Potassium	6/13	2.00E+00 - 1.05E+01	2.08E+00 - 1.36E+01	3.29E+00			mg/L	No
Selenium	1/37	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-03	2.50E-03	7.5E-03		mg/L	No
Silica	9/9		1.10E+01 - 3.50E+01	1.12E+01			mg/L	Yes/Qual
Silver	1/33	3.00E-02 - 6.00E-02	4.50E-02 - 4.50E-02	1.74E-02	7.5E-03		mg/L	Yes/P
Sodium	43/43		1.68E+01 - 1.49E+02	3.09E+01			mg/L	Yes/Qual
Sulfate	12/12		1.60E+01 - 1.90E+02	4.97E+01			mg/L	Yes/Qual
Tetraoxo-sulfate(1-)	29/29		6.20E+00 - 3.76E+02	6.50E+01			mg/L	Yes/Qual
Thallium	1/17	1.50E-03 - 6.00E-02	8.20E-03 - 8.20E-03	2.60E-02			mg/L	Yes/Qual
Uranium	32/59	1.00E-03 - 1.00E-03	1.00E-03 - 6.40E-01	5.58E-03	4.5E-03		mg/L	Yes/P
Vanadium	16/17	5.00E-02 - 5.00E-02	5.00E-02 - 4.33E-01	2.18E-01	9.3E-03		mg/L	Yes/P
Zinc	38/46	5.00E-03 - 3.00E-02	6.00E-03 - 1.88E+00	1.71E-01	4.5E-01		mg/L	Yes/P
2-Butanone	3/28	5.00E-03 - 1.00E-01	4.00E-03 - 7.00E-03	4.59E-03	6.2E-02		mg/L	No
Acetone	4/28	5.00E-03 - 1.00E-01	2.00E-03 - 1.50E-02	4.80E-03	2.0E-02		mg/L	No
Benzene	1/48	1.00E-03 - 5.00E-03	5.00E-03 - 5.00E-03	2.33E-03	4.0E-04	3.5E-05	mg/L	Yes/P
Bromodichloromethane	1/49	1.00E-03 - 5.00E-03	9.00E-03 - 9.00E-03	2.38E-03	4.0E-03	8.4E-05	mg/L	Yes/P

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=i MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Chloroform	3/50	1.00E-03 - 5.00E-03	2.00E-03 - 2.40E-02	2.50E-03	2.0E-03	1.5E-05	mg/L	Yes/P
Dibromochloromethane	1/29	1.00E-03 - 5.00E-03	2.00E-03 - 2.00E-03	2.17E-03	4.0E-03	6.2E-05	mg/L	Yes/P
Dichlorodifluoromethane	3/28	1.00E-03 - 5.00E-03	1.00E-03 - 6.00E-03	2.34E-03	1.3E-02		mg/L	No
Ethanol	3/28	5.00E-02 - 1.00E+00	7.00E-03 - 2.40E-02	1.88E-02			mg/L	Yes/Qual
Methylene chloride	10/28	1.00E-03 - 1.00E-02	1.00E-03 - 1.30E-02	3.12E-03	6.2E-02	3.6E-04	mg/L	Yes/P
Trichloroethene	9/89	1.00E-03 - 1.00E-03	1.00E-03 - 5.60E-02	2.20E-03	1.2E-03	1.4E-04	mg/L	Yes/P
Alpha activity	63/80	-1.07E+01 - 1.00E+03	2.00E-01 - 3.49E+02	1.25E+01			pCi/L	Yes/Qual
Beta activity	75/80	-4.00E+00 - 1.00E+03	1.00E+00 - 1.00E+03	3.60E+01			pCi/L	Yes/Qual
Cesium-137	3/4	-7.00E-01 --7.00E-01	2.00E-01 - 9.00E-01	8.75E-02		1.2E+00	pCi/L	Yes/Qual
Cobalt-60	4/4		7.00E-01 - 1.40E+00	5.13E-01		2.0E+00	pCi/L	Yes/Qual
Radium-226	3/4	0.00E+00 - 0.00E+00	3.00E-01 - 7.00E-01	1.63E-01		1.3E-01	pCi/L	Yes/P
Radon-222	5/5		2.88E+02 - 5.19E+02	1.91E+02		1.4E+00	pCi/L	Yes/P
Technetium-99	77/91	-4.00E+00 - 0.00E+00	1.00E+00 - 3.39E+02	2.77E+01		2.8E+01	pCi/L	Yes/P

AREA_CODE=j MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	2/2		2.16E-01 - 2.04E+00	5.64E-01	1.5E+00		mg/L	Yes/PB
Arsenic	1/2	5.00E-03 - 5.00E-03	8.54E-02 - 8.54E-02	2.26E-02	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	2/2		6.80E-02 - 1.27E-01	4.88E-02	1.0E-01		mg/L	No
Calcium	2/2		2.91E+01 - 5.51E+01	2.11E+01			mg/L	No
Chloride	2/2		1.00E+01 - 3.40E+01	1.10E+01			mg/L	No
Fluoride	2/2		1.30E-01 - 1.60E-01	1.45E-01	9.1E-02		mg/L	No
Iron	1/2	1.00E-02 - 1.00E-02	1.22E-01 - 1.22E-01	3.30E-02	4.5E-01		mg/L	No
Magnesium	2/2		1.31E+00 - 9.50E+00	2.70E+00			mg/L	No
Manganese	2/2		8.80E-02 - 3.02E+00	7.77E-01	6.7E-02		mg/L	Yes/PB
Molybdenum	1/2	5.00E-02 - 5.00E-02	3.15E-01 - 3.15E-01	9.13E-02	7.5E-03		mg/L	Yes/PBE
Potassium	1/2	2.00E+00 - 2.00E+00	8.88E+00 - 8.88E+00	2.72E+00			mg/L	No
Silica	2/2		2.00E+00 - 1.70E+01	4.75E+00			mg/L	No
Sodium	2/2		1.52E+01 - 2.63E+01	1.04E+01			mg/L	No
Sulfate	2/2		2.60E+01 - 1.56E+02	4.55E+01			mg/L	Yes/B
Thallium	1/2	6.00E-02 - 6.00E-02	1.03E-01 - 1.03E-01	4.08E-02			mg/L	No
Uranium	1/2	1.00E-03 - 1.00E-03	1.00E-03 - 1.00E-03	1.00E-03	4.5E-03		mg/L	No
Vanadium	2/2		1.01E-01 - 1.07E-01	5.20E-02	9.3E-03		mg/L	No
Alpha activity	2/2		8.00E-01 - 1.00E+00	4.50E-01			pCi/L	Yes/Qual
Beta activity	2/2		6.00E+00 - 4.30E+01	1.23E+01			pCi/L	Yes/Qual

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=j MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Technetium-99	2/2		1.30E+01 - 1.60E+01	1.45E+01		2.8E+01	pCi/L	No
Thorium-230	1/2	0.00E+00 - 0.00E+00	1.00E-01 - 1.00E-01	2.50E-02		1.0E+00	pCi/L	No

AREA_CODE=j MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	4/4		1.12E+00 - 7.84E+00	1.48E+00	1.5E+00		mg/L	Yes/PB
Arsenic	2/4	5.00E-03 - 5.00E-03	6.10E-03 - 9.10E-03	3.15E-03	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	4/4		3.60E-02 - 1.11E-01	3.11E-02	1.0E-01		mg/L	No
Calcium	4/4		1.22E+01 - 1.34E+02	3.92E+01			mg/L	No
Chloride	4/4		5.00E+00 - 1.80E+01	5.63E+00			mg/L	No
Copper	1/4	1.00E-02 - 1.00E-02	1.10E-02 - 1.10E-02	5.13E-03	6.0E-02		mg/L	No
Fluoride	1/4	1.00E-01 - 1.00E-01	1.80E-01 - 1.80E-01	1.20E-01	9.1E-02		mg/L	No
Iron	4/4		2.10E-02 - 1.03E+01	2.09E+00	4.5E-01		mg/L	Yes/PBE
Magnesium	4/4		1.04E-01 - 1.81E+01	2.94E+00			mg/L	No
Manganese	4/4		4.40E-02 - 5.55E+00	8.10E-01	6.7E-02		mg/L	Yes/PB
Molybdenum	2/4	5.00E-02 - 5.00E-02	5.00E-02 - 2.86E-01	5.45E-02	7.5E-03		mg/L	Yes/PBE
Nickel	1/4	5.00E-02 - 5.00E-02	5.20E-02 - 5.20E-02	2.53E-02	3.0E-02		mg/L	No
Nitrate as Nitrogen	1/4	1.00E+00 - 1.00E+00	3.40E+00 - 3.40E+00	8.00E-01	2.4E+00		mg/L	No
Potassium	3/4	2.00E+00 - 2.00E+00	3.21E+00 - 1.94E+01	4.49E+00			mg/L	No
Silica	4/4		7.00E+00 - 3.20E+01	7.50E+00			mg/L	Yes/B
Sodium	4/4		3.35E+00 - 2.26E+01	6.54E+00			mg/L	No
Sulfate	4/4		3.20E+01 - 7.42E+02	1.93E+02			mg/L	Yes/B
Thallium	3/4	6.00E-02 - 6.00E-02	9.50E-02 - 1.35E-01	5.23E-02			mg/L	Yes/B
Vanadium	3/4	5.00E-02 - 5.00E-02	7.10E-02 - 1.92E-01	5.69E-02	9.3E-03		mg/L	Yes/PB
Zinc	4/4		1.20E-02 - 4.10E-02	1.24E-02	4.5E-01		mg/L	No
2-Butanone	1/1		1.60E-02 - 1.60E-02	8.00E-03	6.2E-02		mg/L	No
Alpha activity	4/4		2.00E-01 - 2.20E+00	4.50E-01			pCi/L	Yes/Qual
Beta activity	4/4		1.00E+00 - 4.30E+01	9.63E+00			pCi/L	Yes/Qual
Neptunium-237	2/4	-2.00E-01 --1.00E-01	1.00E-01 - 4.00E-01	2.50E-02		1.3E-01	pCi/L	No
Technetium-99	4/4		1.20E+01 - 1.90E+01	1.63E+01		2.8E+01	pCi/L	No
Thorium-230	3/4	0.00E+00 - 0.00E+00	1.00E-01 - 2.00E-01	6.25E-02		1.0E+00	pCi/L	No

527000

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=k MEDIA=Other Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	37/55	6.25E-01 - 1.00E+00	2.14E-01 - 8.77E+01	4.86E+00	1.5E+00		mg/L	Yes/P
Ammonia as Nitrogen	1/3	3.00E-02 - 3.00E-02	6.23E+00 - 6.23E+00	1.05E+00			mg/L	Yes/Qual
Antimony	2/40	2.00E-02 - 2.50E-01	2.38E-02 - 5.23E-02	6.86E-02	5.6E-04		mg/L	Yes/P
Arsenic	5/75	1.00E-03 - 5.00E-03	1.60E-03 - 2.10E-02	2.48E-03	4.5E-04	3.5E-06	mg/L	Yes/P
Barium	42/75	5.00E-02 - 7.00E-02	3.41E-02 - 2.78E-01	8.41E-02	1.0E-01		mg/L	Yes/P
Beryllium	6/40	1.00E-03 - 2.50E-02	1.90E-03 - 6.28E-02	1.12E-03	2.6E-03	1.0E-06	mg/L	Yes/P
Cadmium	1/75	2.00E-03 - 1.00E-01	1.60E-02 - 1.60E-02	3.65E-02	6.6E-04		mg/L	Yes/P
Calcium	37/37		3.94E+00 - 4.39E+02	6.32E+01			mg/L	Yes/E
Chloride	35/35		2.70E+00 - 7.74E+01	9.28E+00			mg/L	No
Chromium	10/37	2.00E-03 - 6.00E-02	2.00E-03 - 8.50E-02	2.42E-02	4.2E-03		mg/L	Yes/P
Cobalt	11/40	3.00E-03 - 1.00E-01	3.50E-03 - 1.01E+00	2.06E-02	9.1E-02		mg/L	Yes/P
Copper	13/40	2.00E-03 - 1.00E-01	4.30E-03 - 3.40E-02	1.14E-02	6.0E-02		mg/L	No
Fluoride	24/32	1.00E-01 - 1.00E-01	1.60E-01 - 6.40E-01	3.02E-01	9.1E-02		mg/L	Yes/PE
Iron	61/72	2.00E-01 - 5.00E-01	2.38E-01 - 1.23E+03	7.91E+01	4.5E-01		mg/L	Yes/PE
Kjeldahl Nitrogen	3/4	2.00E+00 - 2.00E+00	3.50E-01 - 1.38E+00	6.33E-01			mg/L	Yes/Qual
Lead	14/72	1.00E-03 - 2.50E-01	1.60E-03 - 1.78E+00	1.26E-01	1.5E-07		mg/L	Yes/P
Magnesium	72/72		1.52E+00 - 1.72E+02	3.17E+01			mg/L	Yes/E
Manganese	70/72	2.00E-02 - 5.00E-02	3.20E-02 - 6.00E+01	6.59E+00	6.7E-02		mg/L	Yes/P
Mercury	1/35	2.00E-04 - 4.00E-04	3.00E-04 - 3.00E-04	1.04E-04	4.4E-04		mg/L	Yes/Qual
Nickel	23/75	5.00E-02 - 1.00E-01	7.70E-03 - 7.76E-01	6.12E-02	3.0E-02		mg/L	Yes/P
Nitrate as Nitrogen	10/32	1.00E+00 - 1.00E+00	1.00E+00 - 3.80E+00	1.03E+00	2.4E+00		mg/L	Yes/P
Nitrate/Nitrite	2/4	5.00E-02 - 5.00E-02	2.10E-01 - 2.20E-01	6.63E-02	2.4E+00		mg/L	No
Potassium	38/69	2.00E+00 - 1.05E+01	6.04E-01 - 2.46E+01	5.61E+00			mg/L	No
Selenium	3/38	1.00E-03 - 5.00E-03	1.10E-03 - 4.90E-03	1.08E-03	7.5E-03		mg/L	No
Silica	49/50	1.00E+01 - 1.00E+01	1.00E+01 - 5.02E+02	4.65E+01			mg/L	Yes/Qual
Silver	1/31	2.00E-03 - 6.00E-02	2.20E-03 - 2.20E-03	2.22E-02	7.5E-03		mg/L	No
Sodium	72/72		8.18E+00 - 2.05E+02	2.56E+01			mg/L	Yes/Qual
Strontium	30/38	5.00E-01 - 1.21E+00	4.07E-01 - 2.33E+00	5.38E-01	9.0E-01		mg/L	Yes/P
Sulfate	3/3		1.38E+01 - 1.98E+03	3.43E+02			mg/L	Yes/Qual
Sulfide	2/4	1.00E+00 - 1.00E+00	2.40E+00 - 2.40E+00	8.50E-01			mg/L	Yes/Qual
Tetraoxo-sulfate(1-)	29/29		1.70E+00 - 4.87E+03	8.46E+02			mg/L	Yes/Qual
Tin	1/4	1.00E-02 - 1.00E-02	1.05E-02 - 1.05E-02	5.06E-03	8.9E-01		mg/L	Yes/Qual
Total Phosphate as Phosphorus	1/3	1.00E-01 - 1.00E-01	3.40E-01 - 3.40E-01	9.00E-02	3.0E-05		mg/L	No
Uranium	48/77	1.00E-03 - 1.00E-03	1.00E-03 - 1.40E-02	2.77E-03	4.5E-03		mg/L	Yes/P
Vanadium	15/17	5.00E-02 - 5.00E-02	1.70E-03 - 3.07E-01	7.43E-02	9.3E-03		mg/L	Yes/P
Zinc	23/40	5.00E-03 - 2.50E-01	4.00E-03 - 1.99E+00	5.14E-02	4.5E-01		mg/L	Yes/P
1,1,1-Trichloroethane	3/70	5.00E-03 - 2.50E-01	6.00E-03 - 4.40E-02	9.80E-03	5.4E-02		mg/L	No
1,1-Dichloroethane	11/70	5.00E-03 - 2.50E-01	3.00E-03 - 1.40E-01	1.21E-02	2.7E-02		mg/L	Yes/P
1,1-Dichloroethene	11/70	5.00E-03 - 2.50E-01	1.80E-02 - 4.60E-01	1.84E-02	1.8E-03	9.3E-07	mg/L	Yes/P
1,2-Dichloroethene	2/9	5.00E-03 - 5.00E-03	3.40E-02 - 3.30E-01	1.78E-03	1.8E-03		mg/L	Yes/P
Acetone	1/9	1.00E-01 - 1.00E-01	1.00E-01 - 1.00E-01	5.00E-02	2.0E-02		mg/L	Yes/P

5270101

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=k MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Di-n-butyl phthalate	1/10	1.00E-02 - 1.00E-02	1.40E-02 - 1.40E-02	5.20E-03	1.3E-01		mg/L	Yes/Qual
Methylene chloride	8/9	5.00E-03 - 5.00E-03	1.00E-03 - 1.10E-02	3.42E-03	6.2E-02	3.6E-04	mg/L	Yes/P
Naphthalene	1/10	1.00E-02 - 1.00E-02	7.00E-02 - 7.00E-02	8.00E-03	2.0E-04		mg/L	Yes/P
Phenanthrene	1/10	1.00E-02 - 1.00E-02	2.00E-03 - 2.00E-03	4.60E-03			mg/L	Yes/Qual
Trichloroethene	22/81	1.00E-03 - 5.00E-03	1.00E-03 - 6.00E-01	1.96E-02	1.2E-03	1.4E-04	mg/L	Yes/P
Vinyl chloride	1/70	5.00E-03 - 2.50E-01	1.50E-02 - 1.50E-02	2.66E-02		1.7E-06	mg/L	Yes/P
cis-1,2-Dichloroethene	32/62	5.00E-03 - 5.00E-03	1.40E-02 - 4.20E+00	4.17E-02	2.0E-03		mg/L	Yes/P
Alpha activity	72/93	-1.13E+01 - 1.04E+01	1.00E-01 - 5.99E+01	7.14E+00			pCi/L	Yes/Qual
Beta activity	78/93	-6.00E+00 - 3.13E+01	1.00E+00 - 1.60E+02	2.00E+01			pCi/L	Yes/Qual
Neptunium-237	3/8	-1.00E-01 - 0.00E+00	4.00E-01 - 5.50E-01	7.19E-02		1.3E-01	pCi/L	Yes/P
Plutonium-238	1/1		1.00E-01 - 1.00E-01	5.00E-02		1.3E-01	pCi/L	No
Plutonium-239	1/8	0.00E+00 - 7.00E-02	1.00E-01 - 1.00E-01	4.32E-02		1.2E-01	pCi/L	No
Plutonium-242	1/1		1.83E-02 - 1.83E-02	9.15E-03		1.3E-01	pCi/L	No
Radium-226	5/6	0.00E+00 - 0.00E+00	2.00E-01 - 8.00E-01	1.92E-01		1.3E-01	pCi/L	Yes/P
Radon-222	30/30		9.00E+00 - 1.31E+03	2.74E+02		1.4E+00	pCi/L	Yes/P
Technetium-99	67/93	-1.59E+01 - 9.40E-01	9.17E-01 - 1.88E+02	8.35E+00		2.8E+01	pCi/L	Yes/P
Thorium-228	1/1		7.80E-01 - 7.80E-01	3.90E-01		1.7E-01	pCi/L	Yes/P
Thorium-230	7/8	-3.00E-01 --3.00E-01	1.00E-01 - 7.90E-01	1.49E-01		1.0E+00	pCi/L	No
Thorium-232	1/1		6.40E-01 - 6.40E-01	3.20E-01		1.2E+00	pCi/L	No
Uranium-234	11/14	1.30E-01 - 1.70E-01	1.80E-01 - 8.44E+00	9.68E-01		8.7E-01	pCi/L	Yes/P
Uranium-235	5/11	3.00E-02 - 1.20E-01	6.00E-02 - 6.10E-01	1.15E-01		8.2E-01	pCi/L	Yes/Qual
Uranium-238	12/14	1.20E-01 - 1.90E-01	1.60E-01 - 8.72E+00	1.06E+00		6.2E-01	pCi/L	Yes/P

AREA_CODE=k MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Alpha activity	25/27	-2.30E+00 --4.00E-01	3.00E-01 - 6.00E+00	1.33E+00			pCi/L	Yes/Qual
Beta activity	25/27	0.00E+00 - 1.00E+03	2.00E+00 - 1.20E+01	5.48E+00			pCi/L	Yes/Qual
Radon-222	5/6	0.00E+00 - 0.00E+00	3.80E+01 - 5.76E+02	8.99E+01		1.4E+00	pCi/L	No
Technetium-99	8/31	0.00E+00 - 2.50E+01	6.00E+00 - 2.10E+01	2.12E+01		2.8E+01	pCi/L	No

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=1 MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	7/44	1.00E-01 - 1.00E+00	1.08E-01 - 1.50E+00	3.49E-01	1.5E+00		mg/L	Yes/PB
Antimony	1/26	6.00E-02 - 2.50E-01	1.85E-01 - 1.85E-01	8.30E-02	5.6E-04		mg/L	Yes/PB
Barium	17/18	7.00E-02 - 7.00E-02	8.40E-02 - 1.70E-01	7.10E-02	1.0E-01		mg/L	No
Calcium	48/48		1.17E+01 - 2.76E+01	8.92E+00			mg/L	No
Chloride	45/45		5.40E+00 - 5.51E+01	4.03E+00			mg/L	No
Copper	2/18	1.00E-02 - 1.00E-01	1.60E-02 - 2.00E-02	1.06E-02	6.0E-02		mg/L	No
Fluoride	25/25		1.40E-01 - 1.80E-01	1.63E-01	9.1E-02		mg/L	No
Iron	47/48	3.00E-01 - 3.00E-01	2.34E+00 - 1.66E+01	5.17E+00	4.5E-01		mg/L	No
Magnesium	48/48		5.60E+00 - 1.23E+01	3.90E+00			mg/L	No
Manganese	47/48	2.00E-02 - 2.00E-02	2.07E-01 - 9.11E-01	3.11E-01	6.7E-02		mg/L	No
Nitrate as Nitrogen	1/45	1.00E+00 - 1.00E+00	5.60E+00 - 5.60E+00	5.51E-01	2.4E+00		mg/L	Yes/PB
Potassium	25/44	5.00E+00 - 1.05E+01	4.37E+00 - 1.23E+01	6.14E+00			mg/L	No
Silica	35/35		5.00E+00 - 3.40E+01	9.00E+00			mg/L	Yes/B
Sodium	48/48		1.50E+01 - 3.81E+01	1.31E+01			mg/L	Yes/B
Tetraoxo-sulfate(1-)	27/41	5.00E+00 - 5.00E+00	1.40E+00 - 2.89E+01	1.22E+01			mg/L	Yes/Qual
Thallium	1/8	5.60E-02 - 4.70E-01	1.02E+00 - 1.02E+00	1.51E-01			mg/L	Yes/B
Vanadium	5/8	5.00E-02 - 5.00E-02	4.00E-02 - 6.60E-02	5.21E-02	9.3E-03		mg/L	No
Zinc	14/18	1.00E-01 - 2.50E-01	3.70E-02 - 1.90E-01	1.00E-01	4.5E-01		mg/L	Yes/B
Trichloroethene	5/58	1.00E-03 - 5.00E-03	1.00E-03 - 9.60E+00	1.67E-01	1.2E-03	1.4E-04	mg/L	Yes/P
Alpha activity	41/50	-3.11E+01 - 0.00E+00	2.00E-01 - 7.30E+00	3.08E+00			pCi/L	Yes/Qual
Beta activity	49/50	0.00E+00 - 0.00E+00	1.00E+00 - 1.48E+03	1.69E+01			pCi/L	Yes/Qual
Neptunium-237	6/10	-3.00E-01 - 0.00E+00	1.00E-01 - 4.00E-01	5.50E-02		1.3E-01	pCi/L	No
Plutonium-238	1/2	-1.00E-01 - 1.00E-01	5.00E-02 - 5.00E-02	-1.25E-02		1.3E-01	pCi/L	No
Plutonium-239	1/7	0.00E+00 - 0.00E+00	1.00E-01 - 1.00E-01	7.14E-03		1.2E-01	pCi/L	No
Radium-226	8/9	0.00E+00 - 0.00E+00	1.00E-01 - 8.60E-01	2.31E-01		1.3E-01	pCi/L	No
Radon-222	44/44		2.20E+01 - 2.91E+02	5.76E+01		1.4E+00	pCi/L	No
Technetium-99	39/58	-1.20E+01 - 0.00E+00	5.00E-01 - 1.95E+03	1.38E+01		2.8E+01	pCi/L	Yes/PB
Thorium-230	6/9	-1.41E-01 - 0.00E+00	1.00E-02 - 8.00E-01	2.95E-01		1.0E+00	pCi/L	No

AREA_CODE=1 MEDIA=Other Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Methylene chloride	1/1		5.00E-03 - 5.00E-03	2.50E-03	6.2E-02	3.6E-04	mg/L	Yes/P

527003

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=1 MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	177/395	1.50E-02 - 1.00E+00	6.59E-02 - 1.43E+02	1.16E+00	1.5E+00		mg/L	Yes/PB
Arsenic	34/576	1.00E-03 - 5.00E-03	2.38E-03 - 1.40E-01	2.97E-03	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	242/252	5.00E-02 - 7.00E-02	1.00E-02 - 2.20E+00	2.18E-01	1.0E-01		mg/L	Yes/PB
Beryllium	12/255	2.00E-04 - 1.00E-01	3.00E-04 - 1.40E-02	5.47E-03	2.6E-03	1.0E-06	mg/L	Yes/PB
Cadmium	6/590	2.67E-04 - 3.00E-01	5.56E-04 - 2.13E-01	8.55E-03	6.6E-04		mg/L	Yes/PB
Calcium	485/485		2.88E+00 - 4.87E+01	1.24E+01			mg/L	No
Chloride	452/452		2.90E+00 - 5.86E+02	2.42E+01			mg/L	Yes/BE
Chromium	85/585	2.00E-03 - 6.00E-02	2.40E-03 - 8.62E+00	4.37E-02	4.2E-03		mg/L	Yes/PB
Cobalt	11/249	1.78E-03 - 3.50E-01	4.60E-03 - 9.00E-02	2.45E-02	9.1E-02		mg/L	Yes/B
Copper	26/260	2.00E-03 - 4.50E-01	4.10E-03 - 1.31E-01	1.42E-02	6.0E-02		mg/L	No
Fluoride	210/317	1.00E-01 - 1.00E+00	1.00E-01 - 7.20E+00	1.93E-01	9.1E-02		mg/L	Yes/PBE
Iron	360/490	1.00E-02 - 5.00E-01	1.80E-02 - 7.20E+02	3.69E+00	4.5E-01		mg/L	Yes/PBE
Lead	21/490	1.00E-03 - 2.50E-01	2.40E-03 - 4.32E-01	4.62E-02	1.5E-07		mg/L	Yes/PB
Magnesium	491/491		8.79E-01 - 4.72E+01	5.02E+00			mg/L	Yes/BE
Manganese	345/482	5.00E-03 - 1.00E-01	2.50E-03 - 8.20E+00	3.45E-01	6.7E-02		mg/L	Yes/PB
Mercury	1/472	2.00E-04 - 4.70E-02	3.00E-04 - 3.00E-04	3.18E-04	4.4E-04		mg/L	Yes/B
Molybdenum	5/165	4.40E-03 - 1.00E-01	1.50E-02 - 1.00E-01	2.78E-02	7.5E-03		mg/L	Yes/PBE
Nickel	94/266	4.20E-03 - 1.00E+00	7.40E-03 - 6.73E-01	5.74E-02	3.0E-02		mg/L	No
Nitrate as Nitrogen	273/438	1.00E+00 - 1.00E+00	1.00E+00 - 3.93E+01	1.28E+00	2.4E+00		mg/L	Yes/PB
Nitrate/Nitrite	6/6		5.00E-02 - 9.40E+00	9.37E-01	2.4E+00		mg/L	No
Potassium	77/445	2.00E+00 - 3.00E+01	1.10E-01 - 2.44E+01	2.95E+00			mg/L	No
Selenium	5/489	1.00E-03 - 1.50E-02	1.00E-03 - 4.76E-01	2.99E-03	7.5E-03		mg/L	Yes/PBE
Silica	243/243		1.10E+01 - 4.50E+01	1.01E+01			mg/L	Yes/B
Silver	2/124	2.00E-03 - 6.00E-02	2.60E-03 - 5.70E-03	2.47E-02	7.5E-03		mg/L	No
Sodium	490/490		3.71E+00 - 2.66E+02	1.46E+01			mg/L	Yes/B
Strontium	3/3		3.20E-01 - 3.33E-01	1.62E-01	9.0E-01		mg/L	No
Sulfate	31/31		2.90E+00 - 4.20E+01	8.00E+00			mg/L	Yes/B
Tetraoxo-sulfate(1-)	399/417	2.00E+00 - 5.00E+00	1.80E+00 - 2.24E+02	8.02E+00			mg/L	Yes/Qual
Thallium	1/143	4.67E-04 - 4.70E-01	2.38E-01 - 2.38E-01	6.15E-02			mg/L	Yes/B
Tin	4/14	1.70E-02 - 2.80E-01	1.80E-02 - 8.00E-01	6.35E-02	8.9E-01		mg/L	Yes/Qual
Total Phosphate as Phosphorus	12/268	2.00E+00 - 2.00E+00	1.70E+00 - 3.49E+01	1.12E+00	3.0E-05		mg/L	No
Uranium	28/622	8.00E-05 - 9.20E-02	2.90E-04 - 1.90E-01	3.78E-03	4.5E-03		mg/L	Yes/PB
Vanadium	109/150	1.00E-03 - 2.50E-01	1.40E-03 - 9.50E-01	3.85E-02	9.3E-03		mg/L	Yes/PB
Zinc	100/262	5.00E-03 - 2.50E-01	5.00E-03 - 1.00E+00	2.33E-02	4.5E-01		mg/L	Yes/PB
1,1,2-Trichloro-1,2,2-trifluoroethane	2/4	3.60E-04 - 3.60E-04	8.80E-04 - 5.70E-03	9.13E-04	1.9E+00		mg/L	No
1,1,2-Trichloroethane	1/659	5.00E-03 - 5.00E+01	2.00E-03 - 2.00E-03	9.32E-01	8.1E-04	1.8E-05	mg/L	Yes/P
1,1-Dichloroethane	1/602	5.00E-03 - 5.00E+01	4.10E-03 - 4.10E-03	3.35E-01	2.7E-02		mg/L	No
1,1-Dichloroethene	4/604	5.00E-03 - 5.00E+01	1.30E-03 - 6.50E-02	3.39E-01	1.8E-03	9.3E-07	mg/L	Yes/P
1,2-Dichloroethane	1/667	1.00E-03 - 5.00E+01	1.10E-03 - 1.10E-03	9.33E-01	6.7E-04	1.1E-05	mg/L	Yes/P
4-Methyl-2-pentanone	1/22	1.10E-03 - 2.50E+01	2.50E-03 - 2.50E-03	2.21E-01	5.1E-03		mg/L	No
Acetone	4/24	1.40E-03 - 2.50E+01	5.40E-03 - 2.30E-02	8.19E-03	2.0E-02		mg/L	Yes/P

5270004

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=1 MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Bis(2-ethylhexyl)phthalate	2/12	9.00E-03 - 1.00E-02	1.00E-03 - 2.00E-03	4.21E-03	2.6E-02	3.1E-04	mg/L	Yes/P
Butyl benzyl phthalate	1/12	9.00E-03 - 1.00E-02	1.00E-03 - 1.00E-03	4.54E-03	2.6E-01		mg/L	Yes/Qual
Carbon tetrachloride	4/668	5.00E-03 - 5.00E+01	1.20E-02 - 1.60E-01	9.62E-01	1.2E-04	1.5E-05	mg/L	Yes/P
Chlorobenzene	1/22	4.90E-04 - 1.30E+01	2.00E-03 - 2.00E-03	5.20E-02	1.3E-03		mg/L	Yes/P
Chloroform	6/666	5.00E-03 - 5.00E+01	1.00E-03 - 1.40E-02	9.64E-01	2.0E-03	1.5E-05	mg/L	Yes/P
Di-n-butyl phthalate	2/12	1.00E-02 - 1.00E-02	8.00E-03 - 2.10E-02	6.95E-03	1.3E-01		mg/L	Yes/Qual
Dimethylbenzene	1/627	5.00E-03 - 1.00E+02	2.20E+00 - 2.20E+00	5.60E-01	4.0E-01		mg/L	Yes/P
Ethane	8/15	3.00E-02 - 3.00E-02	1.00E-03 - 1.97E-01	2.49E-02			mg/L	Yes/Qual
Ethylbenzene	1/628	5.00E-03 - 5.00E+01	8.70E-01 - 8.70E-01	3.22E-01	4.5E-02		mg/L	Yes/P
Ethylene	8/15	3.00E-02 - 3.00E-02	7.00E-03 - 4.17E+00	8.38E-02			mg/L	Yes/Qual
Methylene chloride	8/22	3.50E-04 - 1.30E+01	4.00E-03 - 1.30E-01	3.85E-03	6.2E-02	3.6E-04	mg/L	Yes/P
Tetrachloroethene	7/689	5.00E-03 - 5.00E+01	1.90E-03 - 3.20E-01	1.59E+00	7.9E-03	5.7E-05	mg/L	Yes/P
Toluene	3/628	5.00E-03 - 5.00E+01	1.00E-03 - 1.10E-02	3.21E-01	2.4E-02		mg/L	No
Trichloroethene	816/1E3	1.00E-03 - 1.00E+00	7.00E-04 - 4.60E+02	1.14E+01	1.2E-03	1.4E-04	mg/L	Yes/P
Vinyl chloride	2/680	1.30E-03 - 1.00E+02	2.50E+00 - 6.30E+00	3.53E+00		1.7E-06	mg/L	Yes/P
cis-1,2-Dichloroethene	25/670	4.70E-04 - 5.00E+01	1.10E-03 - 4.20E+00	1.77E+00	2.0E-03		mg/L	Yes/P
trans-1,2-Dichloroethene	4/666	4.80E-04 - 5.00E+01	4.90E-04 - 1.20E+00	1.77E+00	4.0E-03		mg/L	Yes/P
Alpha activity	606/885	-1.59E+02 - 1.00E+03	7.00E-02 - 6.59E+01	4.45E+01			pCi/L	Yes/Qual
Americium-241	13/21	-1.30E+00 - 2.30E-01	1.00E-02 - 3.50E+00	4.02E-01		1.2E-01	pCi/L	Yes/P
Beta activity	794/885	-1.00E+01 - 1.00E+03	1.00E+00 - 9.83E+03	2.19E+02			pCi/L	Yes/Qual
Cesium-137	9/36	-2.70E+00 - 1.87E+04	1.00E-01 - 2.07E+01	1.72E+00		1.2E+00	pCi/L	Yes/P
Cobalt-60	8/11	-6.00E-01 --2.00E-01	2.00E-01 - 2.30E+00	8.75E-01		2.0E+00	pCi/L	Yes/P
Neptunium-237	36/58	-7.34E-01 - 2.04E+00	3.00E-02 - 1.44E+01	3.94E-01		1.3E-01	pCi/L	Yes/PB
Plutonium-238	9/13	-1.40E-01 - 0.00E+00	1.00E-02 - 7.00E-02	6.54E-03		1.3E-01	pCi/L	No
Plutonium-239	12/38	-1.26E-01 - 0.00E+00	1.00E-02 - 2.00E-01	8.51E-02		1.2E-01	pCi/L	Yes/PB
Plutonium-239/240	5/7	-3.99E-03 --3.54E-03	8.87E-04 - 3.06E-02	9.95E-03		1.2E-01	pCi/L	No
Radium-226	40/45	0.00E+00 - 0.00E+00	6.00E-02 - 7.39E+02	1.96E+00		1.3E-01	pCi/L	Yes/PB
Radon-222	311/311		1.10E+01 - 9.48E+03	1.77E+02		1.4E+00	pCi/L	Yes/PB
Technetium-99	1E3/2E3	-1.00E+01 - 8.80E-01	2.00E-01 - 1.67E+04	3.12E+02		2.8E+01	pCi/L	Yes/PB
Thorium-230	41/52	-5.00E-01 - 6.00E-02	2.69E-02 - 4.70E+00	4.78E-01		1.0E+00	pCi/L	Yes/PB
Uranium-234	24/32	5.00E-02 - 5.00E-01	3.00E-02 - 2.00E+02	8.38E-01		8.7E-01	pCi/L	Yes/PB
Uranium-235	10/22	-1.00E-02 - 8.00E-02	1.00E-02 - 9.96E+00	6.55E-02		8.2E-01	pCi/L	Yes/PB
Uranium-235/236	8/10	0.00E+00 - 0.00E+00	1.00E-02 - 3.50E-01	8.60E-02		8.2E-01	pCi/L	Yes/B
Uranium-238	21/29	-1.00E-02 - 3.00E-01	1.00E-02 - 2.11E+02	7.31E-01		6.2E-01	pCi/L	Yes/PB

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	129/151	1.00E-01 - 1.00E+00	6.80E-02 - 6.24E+01	2.10E+00	1.5E+00		mg/L	Yes/P
Ammonia as Nitrogen	2/4	3.00E-02 - 3.00E-02	6.00E-02 - 1.60E-01	3.50E-02			mg/L	Yes/Qual
Antimony	3/133	2.40E-03 - 2.50E-01	2.48E-02 - 2.79E-02	4.50E-02	5.6E-04		mg/L	Yes/P
Arsenic	69/263	1.00E-03 - 5.00E-03	2.30E-03 - 4.53E-01	1.13E-02	4.5E-04	3.5E-06	mg/L	Yes/P
Barium	126/134	5.00E-02 - 7.00E-02	1.80E-02 - 8.88E-01	2.57E-01	1.0E-01		mg/L	Yes/P
Beryllium	5/127	2.00E-04 - 2.50E-02	2.00E-04 - 1.70E-03	3.36E-03	2.6E-03	1.0E-06	mg/L	Yes/P
Cadmium	6/269	2.67E-04 - 1.00E-01	1.20E-02 - 1.80E-02	6.94E-03	6.6E-04		mg/L	Yes/P
Calcium	164/164		1.50E+00 - 3.78E+02	2.25E+01			mg/L	Yes/E
Chloride	161/162	2.00E+00 - 2.00E+00	4.20E+00 - 6.29E+02	1.03E+02			mg/L	Yes/E
Chromium	46/262	1.00E-02 - 6.00E-02	2.70E-03 - 1.36E+00	3.00E-02	4.2E-03		mg/L	Yes/P
Cobalt	9/125	5.00E-03 - 1.00E-01	2.00E-03 - 6.76E-02	2.33E-02	9.1E-02		mg/L	Yes/Qual
Copper	16/127	8.70E-03 - 1.00E-01	2.00E-03 - 3.30E-02	7.59E-03	6.0E-02		mg/L	No
Cyanide	2/9	2.40E-03 - 6.00E-03	5.00E-03 - 1.00E-02	2.13E-03	2.8E-02		mg/L	No
Fluoride	85/134	2.00E-02 - 2.00E-01	1.00E-01 - 2.40E+00	1.96E-01	9.1E-02		mg/L	Yes/PE
Iron	158/170	2.50E-01 - 5.00E-01	1.50E-02 - 3.44E+02	3.59E+00	4.5E-01		mg/L	Yes/PE
Kjeldahl Nitrogen	3/4	8.00E+00 - 8.00E+00	6.78E-01 - 8.95E+00	2.39E+00			mg/L	Yes/Qual
Lead	10/193	1.00E-03 - 2.50E-01	1.80E-03 - 1.38E+00	3.94E-02	1.5E-07		mg/L	Yes/P
Magnesium	173/173		5.85E-01 - 9.40E+01	1.07E+01			mg/L	Yes/E
Manganese	143/168	5.00E-03 - 1.00E-01	8.00E-03 - 2.70E+01	3.93E-01	6.7E-02		mg/L	Yes/P
Mercury	2/180	2.00E-04 - 4.70E-02	2.00E-04 - 3.00E-04	5.11E-04	4.4E-04		mg/L	Yes/Qual
Molybdenum	1/105	4.40E-03 - 1.00E-01	1.00E-02 - 1.00E-02	2.49E-02	7.5E-03		mg/L	Yes/PE
Nickel	48/137	5.00E-02 - 1.00E-01	8.20E-03 - 2.30E+00	1.05E-01	3.0E-02		mg/L	Yes/P
Nitrate as Nitrogen	40/150	1.00E+00 - 1.00E+00	1.00E+00 - 2.69E+01	6.98E-01	2.4E+00		mg/L	Yes/P
Nitrate/Nitrite	7/9	5.00E-02 - 5.00E-02	9.90E-03 - 9.38E+00	5.07E-01	2.4E+00		mg/L	Yes/P
Orthophosphate	3/3		1.50E-01 - 1.60E-01	7.83E-02			mg/L	Yes/Qual
Potassium	32/165	1.80E-02 - 1.05E+01	4.54E-01 - 2.98E+01	2.34E+00			mg/L	No
Selenium	9/183	1.00E-03 - 1.50E-02	1.70E-03 - 1.60E-02	2.52E-03	7.5E-03		mg/L	Yes/PE
Silica	87/87		9.00E+00 - 7.90E+01	1.58E+01			mg/L	Yes/Qual
Silver	3/27	2.00E-03 - 6.00E-02	3.30E-03 - 5.00E-03	2.77E-03	7.5E-03		mg/L	No
Sodium	173/173		5.03E+00 - 2.81E+02	5.33E+01			mg/L	Yes/Qual
Strontium	9/10	1.21E+00 - 1.21E+00	7.46E-01 - 1.64E+00	1.12E+00	9.0E-01		mg/L	Yes/P
Sulfate	17/18	3.00E+01 - 3.00E+01	5.20E+00 - 2.19E+02	7.68E+01			mg/L	Yes/Qual
Sulfide	3/4	1.00E+00 - 1.00E+00	1.20E+00 - 6.40E+01	8.53E+00			mg/L	Yes/Qual
Tetraoxo-sulfate(1-)	138/143	5.00E+00 - 5.00E+00	5.00E+00 - 6.95E+02	8.23E+01			mg/L	Yes/Qual
Thallium	2/108	4.67E-04 - 4.70E-01	7.30E-03 - 9.10E-02	4.58E-02			mg/L	Yes/Qual
Tin	1/5	1.00E-02 - 2.80E-01	2.60E-02 - 2.60E-02	3.50E-02	8.9E-01		mg/L	Yes/Qual
Uranium	41/226	1.00E-03 - 9.20E-02	2.80E-04 - 1.30E-01	9.31E-03	4.5E-03		mg/L	Yes/P
Vanadium	94/110	1.00E-03 - 5.00E-02	1.80E-03 - 7.11E-01	6.75E-02	9.3E-03		mg/L	Yes/P
Zinc	66/128	5.00E-03 - 2.50E-01	2.70E-03 - 9.90E-02	1.49E-02	4.5E-01		mg/L	Yes/Qual
1,1,1-Trichloroethane	2/106	3.60E-04 - 5.00E+01	3.00E-03 - 1.60E-02	3.91E-01	5.4E-02		mg/L	No
1,1-Dichloroethane	3/108	3.70E-04 - 5.00E+01	1.10E-03 - 1.20E-02	3.86E-01	2.7E-02		mg/L	No

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
1,1-Dichloroethene	10/125	4.40E-04 - 5.00E+01	1.60E-03 - 2.00E-01	3.55E-01	1.8E-03	9.3E-07	mg/L	Yes/P
1,2-Dichloroethane	1/152	2.70E-04 - 5.00E+01	2.00E-03 - 2.00E-03	1.90E+00	6.7E-04	1.1E-05	mg/L	Yes/P
1,2-Dichloroethene	2/10	5.00E-03 - 5.00E-03	5.00E-03 - 1.40E-02	2.95E-03	1.8E-03		mg/L	Yes/P
2,4-Dichlorophenol	1/10	1.60E-04 - 1.00E-02	4.00E-04 - 4.00E-04	9.05E-03	4.1E-03		mg/L	No
2,4-Dimethylphenol	1/10	1.10E-04 - 1.00E-02	4.40E-03 - 4.40E-03	3.73E-03	3.9E-03		mg/L	Yes/P
4-Methyl-2-pentanone	1/13	1.10E-03 - 2.50E+01	1.90E-03 - 1.90E-03	4.27E-01	5.1E-03		mg/L	No
4-Methylphenol	1/10	1.80E-04 - 1.00E-02	2.10E-04 - 2.10E-04	9.54E-03	7.3E-03		mg/L	No
Acetone	1/14	1.40E-03 - 2.50E+01	5.20E-03 - 5.20E-03	5.43E-01	2.0E-02		mg/L	No
Benzene	3/189	3.80E-04 - 5.00E+01	1.00E-03 - 7.80E-03	2.32E-01	4.0E-04	3.5E-05	mg/L	Yes/P
Bis(2-ethylhexyl)phthalate	1/10	3.00E-04 - 1.00E-02	1.00E-03 - 1.00E-03	5.80E-03	2.6E-02	3.1E-04	mg/L	Yes/P
Chloroethane	1/17	1.40E-03 - 2.50E+01	8.20E-01 - 8.20E-01	7.15E-01	3.1E-01		mg/L	Yes/P
Chloroform	7/153	4.10E-04 - 5.00E+01	5.00E-03 - 1.70E-02	2.02E+00	2.0E-03	1.5E-05	mg/L	Yes/P
Di-n-butyl phthalate	3/10	1.00E-02 - 1.00E-02	4.40E-04 - 9.80E-04	7.51E-04	1.3E-01		mg/L	Yes/Qual
Diethyl phthalate	1/10	2.30E-04 - 1.00E-02	8.50E-04 - 8.50E-04	7.17E-03	1.2E+00		mg/L	No
Dimethylbenzene	13/189	1.30E-03 - 1.00E+02	7.20E-03 - 2.80E+00	4.07E-01	4.0E-01		mg/L	Yes/P
Ethane	3/5	3.00E-02 - 3.00E-02	1.28E-01 - 3.03E-01	6.87E-02			mg/L	Yes/Qual
Ethylbenzene	15/190	4.40E-04 - 5.00E+01	8.70E-04 - 1.50E+00	2.50E-01	4.5E-02		mg/L	Yes/P
Ethylene	3/5	3.00E-02 - 3.00E-02	2.24E+00 - 3.96E+00	9.18E-01			mg/L	Yes/Qual
Fluorene	1/17	2.20E-04 - 1.00E-02	7.00E-03 - 7.00E-03	3.17E-03	7.4E-03		mg/L	Yes/Qual
Isophorone	1/10	2.20E-04 - 1.00E-02	6.60E-03 - 6.60E-03	3.85E-03	3.0E-01	5.5E-03	mg/L	Yes/P
Methylene chloride	6/13	3.50E-04 - 1.30E+01	5.00E-03 - 1.80E-02	3.49E-03	6.2E-02	3.6E-04	mg/L	Yes/P
Naphthalene	1/17	2.90E-04 - 1.00E-02	4.70E-02 - 4.70E-02	6.35E-03	2.0E-04		mg/L	Yes/P
Phenanthrene	1/17	2.10E-04 - 1.00E-02	5.00E-03 - 5.00E-03	3.11E-03			mg/L	Yes/Qual
Toluene	1/188	4.40E-04 - 5.00E+01	1.80E-02 - 1.80E-02	2.33E-01	2.4E-02		mg/L	No
Trichloroethene	314/470	1.00E-03 - 1.00E-01	1.00E-03 - 3.10E+03	2.08E+01	1.2E-03	1.4E-04	mg/L	Yes/P
Vinyl chloride	34/168	1.30E-03 - 1.00E+02	4.20E-02 - 5.00E+00	7.60E+00		1.7E-06	mg/L	Yes/P
cis-1,2-Dichloroethene	58/158	4.70E-04 - 5.00E+01	6.70E-04 - 4.90E+00	3.74E+00	2.0E-03		mg/L	Yes/P
trans-1,2-Dichloroethene	3/157	4.80E-04 - 5.00E+01	3.40E-03 - 5.00E-01	3.33E+00	4.0E-03		mg/L	Yes/P
Alpha activity	288/344	-1.00E+01 - 1.00E+03	1.41E-01 - 5.75E+01	3.49E+01			pCi/L	Yes/Qual
Americium-241	2/5	-2.60E+00 - 0.00E+00	1.90E-01 - 3.40E-01	-3.97E-01		1.2E-01	pCi/L	Yes/P
Beta activity	314/344	-9.00E+00 - 1.00E+03	1.00E+00 - 1.26E+03	4.98E+01			pCi/L	Yes/Qual
Cobalt-60	2/3	-4.00E-01 --4.00E-01	1.00E-01 - 1.20E+00	1.50E-01		2.0E+00	pCi/L	Yes/Qual
Neptunium-237	10/16	-4.00E-01 - 8.00E-02	1.00E-02 - 2.37E+00	3.33E-01		1.3E-01	pCi/L	Yes/P
Plutonium-238	3/4	0.00E+00 - 0.00E+00	8.00E-02 - 1.10E-01	3.63E-02		1.3E-01	pCi/L	No
Plutonium-239	5/13	-2.31E-01 - 9.00E-02	1.00E-02 - 7.60E-01	1.50E-01		1.2E-01	pCi/L	Yes/P
Plutonium-239/240	1/1		2.07E-02 - 2.07E-02	1.04E-02		1.2E-01	pCi/L	No
Radium-226	2/5	0.00E+00 - 0.00E+00	3.70E-01 - 6.00E-01	9.70E-02		1.3E-01	pCi/L	Yes/P
Radon-222	44/44		1.20E+01 - 2.05E+03	4.20E+02		1.4E+00	pCi/L	Yes/P
Technetium-99	459/496	-7.00E+00 - 5.53E+02	1.00E+00 - 1.01E+03	1.66E+02		2.8E+01	pCi/L	Yes/P
Thorium-228	2/2		3.40E-01 - 6.40E-01	2.45E-01		1.7E-01	pCi/L	Yes/P

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=1 MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Thorium-230	13/15	-2.68E-01 - 0.00E+00	8.00E-02 - 8.00E-01	2.09E-01		1.0E+00	pCi/L	No
Thorium-232	2/2		1.80E-01 - 4.90E-01	1.68E-01		1.2E+00	pCi/L	No
Uranium-234	14/16	3.00E-01 - 3.00E-01	1.50E-01 - 1.84E+01	2.19E+00		8.7E-01	pCi/L	Yes/P
Uranium-235	6/9	1.52E-02 - 1.72E-02	9.12E-02 - 1.22E+00	2.42E-01		8.2E-01	pCi/L	Yes/P
Uranium-235/236	4/5	-1.88E-01 - 1.88E-01	1.00E-02 - 8.00E-02	-1.16E-02		8.2E-01	pCi/L	Yes/Qual
Uranium-238	13/14	2.10E-01 - 2.10E-01	8.00E-02 - 4.19E+01	4.28E+00		6.2E-01	pCi/L	Yes/P

AREA_CODE=m MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	23/66	1.00E-01 - 1.00E+00	1.02E-01 - 9.04E+01	4.19E-01	1.5E+00		mg/L	Yes/PB
Arsenic	4/41	5.00E-03 - 5.00E-03	5.00E-03 - 8.54E-02	3.89E-03	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	34/41	5.00E-02 - 7.00E-02	6.80E-02 - 6.70E-01	1.65E-01	1.0E-01		mg/L	Yes/PB
Beryllium	1/41	4.00E-03 - 2.50E-02	1.70E-02 - 1.70E-02	5.82E-03	2.6E-03	1.0E-06	mg/L	Yes/PB
Cadmium	1/41	1.00E-02 - 1.00E-01	2.10E-02 - 2.10E-02	1.44E-02	6.6E-04		mg/L	Yes/PB
Calcium	71/71		4.20E+00 - 1.18E+02	8.06E+00			mg/L	No
Chloride	68/68		2.60E+00 - 3.40E+01	8.46E+00			mg/L	No
Chromium	2/33	5.00E-02 - 6.00E-02	5.60E-02 - 2.32E-01	7.93E-03	4.2E-03		mg/L	Yes/PB
Cobalt	1/41	4.50E-02 - 1.00E-01	1.21E-01 - 1.21E-01	2.80E-02	9.1E-02		mg/L	Yes/PB
Copper	4/41	1.00E-02 - 1.00E-01	1.30E-02 - 1.63E-01	3.85E-03	6.0E-02		mg/L	No
Fluoride	46/46		1.30E-01 - 3.90E-01	2.58E-01	9.1E-02		mg/L	Yes/PBE
Iron	69/71	1.00E-02 - 3.60E-01	1.22E-01 - 1.79E+02	2.18E+01	4.5E-01		mg/L	Yes/PBE
Magnesium	71/71		1.31E+00 - 6.46E+01	3.01E+00			mg/L	Yes/BE
Manganese	71/71		8.20E-02 - 3.91E+00	3.97E-01	6.7E-02		mg/L	Yes/PB
Mercury	1/24	2.00E-04 - 2.00E-04	4.50E-03 - 4.50E-03	1.90E-04	4.4E-04		mg/L	Yes/PB
Molybdenum	1/36	5.00E-02 - 1.00E-01	3.15E-01 - 3.15E-01	3.24E-02	7.5E-03		mg/L	Yes/PBE
Nickel	2/41	5.00E-02 - 1.00E-01	1.07E-01 - 1.09E-01	3.86E-02	3.0E-02		mg/L	Yes/PB
Nitrate as Nitrogen	4/68	1.00E+00 - 1.00E+00	1.00E+00 - 2.30E+00	5.15E-01	2.4E+00		mg/L	No
Potassium	53/69	2.00E+00 - 1.05E+01	3.82E+00 - 8.61E+01	1.25E+01			mg/L	No
Silica	56/56		2.00E+00 - 5.80E+01	1.54E+01			mg/L	Yes/B
Sodium	71/71		1.41E+01 - 7.65E+01	1.01E+01			mg/L	Yes/B
Sulfate	4/4		1.90E+01 - 1.17E+03	1.71E+02			mg/L	Yes/B
Tetraoxo-sulfate(1-)	59/59		6.90E+00 - 1.97E+01	7.38E+00			mg/L	Yes/Qual
Thallium	2/24	5.60E-02 - 4.70E-01	1.03E-01 - 1.23E-01	2.35E-02			mg/L	No
Total Phosphate as Phosphorus	1/35	2.00E+00 - 2.00E+00	5.20E+00 - 5.20E+00	1.05E+00	3.0E-05		mg/L	No
Uranium	4/49	1.00E-03 - 1.00E-03	1.00E-03 - 1.80E-02	1.37E-03	4.5E-03		mg/L	Yes/PB

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=m MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Vanadium	16/24	4.00E-02 - 5.00E-02	5.20E-02 - 8.36E-01	1.03E-01	9.3E-03		mg/L	Yes/PB
Zinc	19/41	5.00E-03 - 2.50E-01	5.00E-03 - 5.64E-01	2.37E-02	4.5E-01		mg/L	Yes/PB
Trichloroethene	5/96	1.00E-03 - 1.00E-02	2.00E-03 - 7.00E-03	1.29E-03	1.2E-03	1.4E-04	mg/L	Yes/P
Alpha activity	83/95	-1.80E+01 --4.90E-01	5.00E-01 - 1.07E+02	4.83E+00			pCi/L	Yes/Qual
Beta activity	95/95		3.00E+00 - 2.36E+02	1.62E+01			pCi/L	Yes/Qual
Neptunium-237	6/17	-7.00E-01 --1.00E-01	1.00E-01 - 5.00E-01	-5.59E-02		1.3E-01	pCi/L	Yes/PB
Plutonium-239	3/17	0.00E+00 - 0.00E+00	1.00E-01 - 2.00E-01	1.18E-02		1.2E-01	pCi/L	Yes/PB
Radium-226	11/13	-7.00E-01 --6.00E-01	2.00E-01 - 1.30E+00	6.87E-01		1.3E-01	pCi/L	Yes/PB
Radon-222	54/54		6.40E+01 - 3.91E+02	1.10E+02		1.4E+00	pCi/L	Yes/PB
Technetium-99	74/100	-1.29E+01 - 0.00E+00	1.00E+00 - 5.30E+01	9.75E+00		2.8E+01	pCi/L	Yes/PB
Thorium-230	10/17	-1.00E-01 - 0.00E+00	1.00E-01 - 2.30E+00	3.20E-01		1.0E+00	pCi/L	Yes/PB

AREA_CODE=m MEDIA=Other Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	61/83	6.20E-01 - 1.00E+00	1.16E-01 - 8.77E+01	2.32E+00	1.5E+00		mg/L	Yes/P
Ammonia as Nitrogen	1/3	3.00E-02 - 3.00E-02	6.23E+00 - 6.23E+00	1.05E+00			mg/L	Yes/Qual
Antimony	3/68	2.00E-02 - 2.50E-01	2.38E-02 - 6.40E-02	2.07E-02	5.6E-04		mg/L	Yes/P
Arsenic	5/103	1.00E-03 - 5.00E-03	1.60E-03 - 2.10E-02	2.48E-03	4.5E-04	3.5E-06	mg/L	Yes/P
Barium	67/103	5.00E-02 - 2.00E-01	3.41E-02 - 2.78E-01	9.16E-02	1.0E-01		mg/L	Yes/P
Beryllium	6/68	1.00E-03 - 2.50E-02	1.90E-03 - 6.28E-02	3.03E-04	2.6E-03	1.0E-06	mg/L	Yes/P
Cadmium	1/103	2.00E-03 - 1.00E-01	1.60E-02 - 1.60E-02	2.21E-02	6.6E-04		mg/L	Yes/P
Calcium	65/65		3.94E+00 - 4.39E+02	2.87E+01			mg/L	Yes/E
Chloride	63/63		2.70E+00 - 7.74E+01	1.36E+01			mg/L	No
Chromium	11/65	2.00E-03 - 6.00E-02	2.00E-03 - 9.40E-02	2.49E-02	4.2E-03		mg/L	Yes/P
Cobalt	11/68	3.00E-03 - 1.00E-01	3.50E-03 - 1.01E+00	4.58E-02	9.1E-02		mg/L	Yes/P
Copper	18/67	2.00E-03 - 1.00E-01	4.30E-03 - 4.80E-02	9.64E-03	6.0E-02		mg/L	No
Fluoride	51/59	1.00E-01 - 1.00E-01	1.50E-01 - 2.90E+00	4.89E-01	9.1E-02		mg/L	Yes/PE
Iron	82/100	1.00E-02 - 5.00E-01	1.60E-02 - 1.23E+03	2.29E+01	4.5E-01		mg/L	Yes/PE
Kjeldahl Nitrogen	3/4	2.00E+00 - 2.00E+00	3.50E-01 - 1.38E+00	6.33E-01			mg/L	Yes/Qual
Lead	14/100	1.00E-03 - 2.50E-01	1.60E-03 - 1.78E+00	1.02E-01	1.5E-07		mg/L	Yes/P
Magnesium	100/100		1.52E+00 - 1.72E+02	2.15E+01			mg/L	Yes/E
Manganese	82/100	5.00E-03 - 5.00E-02	7.00E-03 - 6.00E+01	2.03E+00	6.7E-02		mg/L	Yes/P
Mercury	2/61	2.00E-04 - 4.00E-04	3.00E-04 - 3.80E-03	1.32E-04	4.4E-04		mg/L	Yes/P
Nickel	25/103	5.00E-02 - 1.00E-01	7.70E-03 - 7.76E-01	3.99E-02	3.0E-02		mg/L	Yes/P
Nitrate as Nitrogen	35/60	1.00E+00 - 1.00E+00	1.00E+00 - 4.60E+00	1.74E+00	2.4E+00		mg/L	Yes/P

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Nitrate/Nitrite	2/4	5.00E-02 - 5.00E-02	2.10E-01 - 2.20E-01	6.63E-02	2.4E+00		mg/L	No
Potassium	39/97	2.00E+00 - 1.05E+01	6.04E-01 - 2.46E+01	5.18E+00			mg/L	No
Selenium	3/66	1.00E-03 - 1.50E-02	1.10E-03 - 4.90E-03	2.37E-03	7.5E-03		mg/L	No
Silica	77/78	1.00E+01 - 1.00E+01	6.00E+00 - 5.02E+02	3.51E+01			mg/L	Yes/Qual
Silver	1/31	2.00E-03 - 6.00E-02	2.20E-03 - 2.20E-03	2.22E-02	7.5E-03		mg/L	No
Sodium	100/100		8.18E+00 - 2.05E+02	2.83E+01			mg/L	Yes/Qual
Strontium	30/38	5.00E-01 - 1.21E+00	4.07E-01 - 2.33E+00	5.38E-01	9.0E-01		mg/L	Yes/P
Sulfate	3/3		1.38E+01 - 1.98E+03	3.43E+02			mg/L	Yes/Qual
Sulfide	2/4	1.00E+00 - 1.00E+00	2.40E+00 - 2.40E+00	8.50E-01			mg/L	Yes/Qual
Tetraoxo-sulfate(1-)	48/48		1.70E+00 - 4.87E+03	2.37E+02			mg/L	Yes/Qual
Thallium	1/45	1.00E-03 - 4.70E-01	7.50E-02 - 7.50E-02	7.93E-02			mg/L	Yes/Qual
Tin	1/4	1.00E-02 - 1.00E-02	1.05E-02 - 1.05E-02	5.06E-03	8.9E-01		mg/L	Yes/Qual
Total Phosphate as Phosphorus	1/3	1.00E-01 - 1.00E-01	3.40E-01 - 3.40E-01	9.00E-02	3.0E-05		mg/L	No
Uranium	48/103	1.00E-03 - 1.00E-03	1.00E-03 - 1.40E-02	2.32E-03	4.5E-03		mg/L	Yes/P
Vanadium	33/45	4.10E-02 - 5.00E-02	1.70E-03 - 4.98E+00	7.76E-02	9.3E-03		mg/L	Yes/P
Zinc	36/68	5.00E-03 - 2.50E-01	4.00E-03 - 1.99E+00	2.88E-02	4.5E-01		mg/L	Yes/P
1,1,1-Trichloroethane	3/71	5.00E-03 - 2.50E-01	6.00E-03 - 4.40E-02	9.70E-03	5.4E-02		mg/L	No
1,1-Dichloroethane	11/71	5.00E-03 - 2.50E-01	3.00E-03 - 1.40E-01	1.20E-02	2.7E-02		mg/L	Yes/P
1,1-Dichloroethene	11/71	5.00E-03 - 2.50E-01	1.80E-02 - 4.60E-01	1.82E-02	1.8E-03	9.3E-07	mg/L	Yes/P
1,2-Dichloroethene	2/9	5.00E-03 - 5.00E-03	3.40E-02 - 3.30E-01	1.78E-03	1.8E-03		mg/L	Yes/P
Acetone	1/9	1.00E-01 - 1.00E-01	1.00E-01 - 1.00E-01	5.00E-02	2.0E-02		mg/L	Yes/P
Di-n-butyl phthalate	1/10	1.00E-02 - 1.00E-02	1.40E-02 - 1.40E-02	5.20E-03	1.3E-01		mg/L	Yes/Qual
Methylene chloride	8/9	5.00E-03 - 5.00E-03	1.00E-03 - 1.10E-02	3.42E-03	6.2E-02	3.6E-04	mg/L	Yes/P
Naphthalene	1/10	1.00E-02 - 1.00E-02	7.00E-02 - 7.00E-02	8.00E-03	2.0E-04		mg/L	Yes/P
Phenanthrene	1/10	1.00E-02 - 1.00E-02	2.00E-03 - 2.00E-03	4.60E-03			mg/L	Yes/Qual
Trichloroethene	22/110	1.00E-03 - 5.00E-03	1.00E-03 - 6.00E-01	1.47E-02	1.2E-03	1.4E-04	mg/L	Yes/P
Vinyl chloride	1/71	5.00E-03 - 2.50E-01	1.50E-02 - 1.50E-02	2.64E-02		1.7E-06	mg/L	Yes/P
cis-1,2-Dichloroethene	32/63	5.00E-03 - 5.00E-03	1.40E-02 - 4.20E+00	3.94E-02	2.0E-03		mg/L	Yes/P
Alpha activity	93/121	-1.13E+01 - 1.04E+01	1.00E-01 - 5.99E+01	5.90E+00			pCi/L	Yes/Qual
Beta activity	106/121	-6.00E+00 - 3.13E+01	1.00E+00 - 1.60E+02	1.55E+01			pCi/L	Yes/Qual
Neptunium-237	13/36	-1.00E+00 - 0.00E+00	1.00E-01 - 8.00E-01	3.92E-01		1.3E-01	pCi/L	Yes/P
Plutonium-238	1/1		1.00E-01 - 1.00E-01	5.00E-02		1.3E-01	pCi/L	No
Plutonium-239	7/35	0.00E+00 - 7.00E-02	1.00E-01 - 1.00E-01	4.82E-02		1.2E-01	pCi/L	No
Plutonium-242	1/1		1.83E-02 - 1.83E-02	9.15E-03		1.3E-01	pCi/L	No
Radium-226	24/30	-1.00E+00 - 0.00E+00	1.00E-01 - 9.00E-01	4.47E-01		1.3E-01	pCi/L	Yes/P
Radon-222	58/58		9.00E+00 - 5.29E+03	3.30E+02		1.4E+00	pCi/L	Yes/P
Technetium-99	87/121	-1.59E+01 - 9.40E-01	9.17E-01 - 1.88E+02	9.18E+00		2.8E+01	pCi/L	Yes/P
Thorium-228	1/1		7.80E-01 - 7.80E-01	3.90E-01		1.7E-01	pCi/L	Yes/P
Thorium-230	30/36	-5.00E-01 - 0.00E+00	1.00E-01 - 1.60E+00	2.04E-01		1.0E+00	pCi/L	Yes/P
Thorium-232	1/1		6.40E-01 - 6.40E-01	3.20E-01		1.2E+00	pCi/L	No

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=m MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Uranium-234	11/14	1.30E-01 - 1.70E-01	1.80E-01 - 8.44E+00	9.68E-01		8.7E-01	pCi/L	Yes/P
Uranium-235	5/11	3.00E-02 - 1.20E-01	6.00E-02 - 6.10E-01	1.15E-01		8.2E-01	pCi/L	Yes/Qual
Uranium-238	12/14	1.20E-01 - 1.90E-01	1.60E-01 - 8.72E+00	1.06E+00		6.2E-01	pCi/L	Yes/P

AREA_CODE=m MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	263/594	2.00E-02 - 1.00E+00	2.80E-02 - 4.85E+01	6.42E-01	1.5E+00		mg/L	Yes/PB
Antimony	6/782	1.30E-03 - 2.50E-01	1.70E-03 - 2.73E-01	7.61E-02	5.6E-04		mg/L	Yes/PB
Arsenic	23/788	5.00E-03 - 5.00E-03	1.80E-03 - 3.60E-02	2.58E-03	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	758/784	3.50E-02 - 7.00E-02	2.10E-02 - 2.70E+00	9.39E-02	1.0E-01		mg/L	Yes/PB
Beryllium	31/719	1.00E-04 - 2.50E-02	2.00E-04 - 8.00E-03	6.87E-03	2.6E-03	1.0E-06	mg/L	Yes/PB
Bicarbonate	3/3		1.81E+02 - 2.37E+02	1.01E+02			mg/L	Yes/Qual
Boron	34/48	3.00E-02 - 3.00E-02	3.00E-02 - 1.54E+00	1.63E-01	1.4E-01		mg/L	Yes/P
Cadmium	13/799	5.00E-04 - 1.00E-01	1.00E-04 - 3.42E-01	9.16E-03	6.6E-04		mg/L	Yes/PB
Calcium	678/679	2.06E+01 - 2.06E+01	4.63E+00 - 1.34E+02	1.25E+01			mg/L	No
Cerium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	4.00E-02			mg/L	Yes/Qual
Chloride	976/979	2.00E+01 - 2.00E+01	2.70E+00 - 1.62E+02	2.07E+01			mg/L	Yes/BE
Chromium	260/783	2.00E-03 - 1.32E+00	3.10E-03 - 2.51E+01	1.45E-01	4.2E-03		mg/L	Yes/PB
Cobalt	38/720	5.00E-03 - 4.50E-01	3.40E-03 - 8.40E-02	2.75E-02	9.1E-02		mg/L	Yes/B
Copper	88/794	4.00E-03 - 1.00E-01	4.00E-03 - 1.87E+00	2.66E-02	6.0E-02		mg/L	Yes/PBE
Fluoride	508/524	1.00E-01 - 1.80E-01	1.00E-01 - 7.10E-01	1.64E-01	9.1E-02		mg/L	Yes/PBE
Gallium	24/48	9.00E-02 - 9.00E-02	9.00E-02 - 9.00E-02	4.50E-02			mg/L	Yes/Qual
Iron	779/1E3	5.00E-03 - 2.88E+00	1.00E-02 - 2.91E+02	2.06E+00	4.5E-01		mg/L	Yes/PBE
Lead	13/588	3.00E-03 - 2.50E-01	4.00E-03 - 1.29E-01	4.79E-02	1.5E-07		mg/L	Yes/PB
Lithium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	4.00E-02	3.0E-02		mg/L	Yes/P
Magnesium	681/681		1.04E-01 - 3.49E+01	4.92E+00			mg/L	Yes/BE
Manganese	374/680	5.00E-03 - 1.00E+00	5.00E-03 - 1.49E+01	8.16E-02	6.7E-02		mg/L	Yes/PB
Mercury	2/576	2.00E-04 - 2.00E-03	3.00E-04 - 3.00E-04	1.16E-04	4.4E-04		mg/L	Yes/B
Molybdenum	27/344	3.00E-02 - 1.00E-01	3.00E-02 - 2.86E-01	2.76E-02	7.5E-03		mg/L	Yes/PBE
Nickel	230/794	1.00E-02 - 1.00E-01	1.00E-02 - 1.89E+00	6.01E-02	3.0E-02		mg/L	Yes/PB
Nitrate as Nitrogen	843/966	1.00E-01 - 1.00E+00	6.20E-01 - 3.83E+01	9.46E-01	2.4E+00		mg/L	Yes/PB
Potassium	186/638	2.00E+00 - 1.05E+01	1.39E+00 - 4.41E+01	2.79E+00			mg/L	No
Selenium	3/602	1.40E-03 - 1.50E-02	5.00E-03 - 9.00E-03	2.52E-03	7.5E-03		mg/L	Yes/PBE
Silica	325/326	5.00E+00 - 5.00E+00	7.00E+00 - 5.20E+01	9.01E+00			mg/L	Yes/B
Silver	16/569	7.00E-04 - 6.00E-02	1.00E-03 - 3.90E-01	2.22E-02	7.5E-03		mg/L	Yes/PB

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=m MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Sodium	1E3/1E3	5.00E+00 - 5.00E+00	3.35E+00 - 7.86E+01	1.83E+01			mg/L	Yes/B
Strontium	54/54		6.50E-02 - 1.70E-01	5.77E-02	9.0E-01		mg/L	No
Sulfate	119/136	5.00E+00 - 1.00E+01	5.00E+00 - 7.42E+02	2.10E+01			mg/L	Yes/B
Tetraoxo-sulfate(1-)	539/552	5.00E+00 - 5.00E+00	3.00E+00 - 3.98E+02	1.01E+01			mg/L	Yes/Qual
Thallium	5/557	1.50E-03 - 4.70E-01	7.20E-02 - 1.35E-01	1.02E-01			mg/L	Yes/B
Thorium	24/48	5.00E-02 - 5.00E-02	5.00E-02 - 5.00E-02	2.50E-02			mg/L	Yes/Qual
Titanium	27/48	6.00E-02 - 6.00E-02	6.00E-02 - 2.20E-01	3.31E-02			mg/L	Yes/Qual
Total Phosphate as Phosphorus	3/289	2.00E+00 - 2.00E+00	2.20E+00 - 2.80E+00	1.00E+00	3.0E-05		mg/L	No
Uranium	25/823	1.00E-03 - 1.00E-03	1.00E-03 - 2.40E-02	1.09E-03	4.5E-03		mg/L	Yes/PB
Vanadium	262/567	5.00E-03 - 5.00E-01	4.00E-03 - 4.28E-01	5.99E-02	9.3E-03		mg/L	Yes/PB
Zinc	251/794	5.00E-03 - 5.00E-01	5.00E-03 - 5.30E+00	5.00E-02	4.5E-01		mg/L	Yes/PB
Zirconium	24/48	2.00E-02 - 2.00E-02	2.00E-02 - 2.00E-02	1.00E-02			mg/L	Yes/Qual
1,1,1-Trichloroethane	1/1E3	5.00E-05 - 5.00E+00	4.00E-03 - 4.00E-03	3.60E-02	5.4E-02		mg/L	No
1,1-Dichloroethene	3/1E3	5.00E-05 - 5.00E+00	1.60E-03 - 2.00E-02	3.59E-02	1.8E-03	9.3E-07	mg/L	Yes/P
1,2-Dichlorobenzene	1/343	5.00E-05 - 2.00E-02	5.70E-05 - 5.70E-05	2.46E-03	1.2E-02		mg/L	Yes/Qual
1,2-Dichloroethene	5/36	1.00E-03 - 5.00E-02	1.00E-03 - 1.40E-02	9.52E-04	1.8E-03		mg/L	Yes/P
1,3,5-Trimethylbenzene	1/1		2.00E-04 - 2.00E-04	1.00E-04	3.9E-04		mg/L	Yes/Qual
1,4-Dichlorobenzene	1/343	5.00E-05 - 2.00E-02	6.20E-05 - 6.20E-05	2.46E-03	5.3E-02	2.0E-04	mg/L	Yes/Qual
2-Butanone	45/382	5.00E-03 - 5.00E-01	2.00E-03 - 1.70E-01	9.69E-03	6.2E-02		mg/L	Yes/P
4-Bromofluorobenzene	2/2		9.40E-02 - 9.40E-02	4.70E-02			mg/L	Yes/Qual
4-Methyl-2-pentanone	2/411	2.00E-03 - 2.50E-01	2.00E-03 - 1.70E-02	7.86E-03	5.1E-03		mg/L	Yes/P
Acetone	54/382	2.00E-03 - 5.00E-01	1.00E-03 - 9.90E-02	9.38E-03	2.0E-02		mg/L	Yes/P
Acrylonitrile	1/378	1.00E-03 - 2.00E-01	1.00E-02 - 1.00E-02	1.51E-02	1.2E-04	3.4E-06	mg/L	Yes/P
Benzene	2/1E3	5.00E-05 - 5.00E+00	1.40E-04 - 1.00E-03	3.63E-02	4.0E-04	3.5E-05	mg/L	Yes/P
Bis(2-ethylhexyl)phthalate	5/23	1.00E-02 - 2.00E-02	5.00E-04 - 2.80E-02	4.98E-03	2.6E-02	3.1E-04	mg/L	Yes/P
Bromomethane	3/413	5.00E-05 - 5.00E-02	5.50E-05 - 1.00E-03	2.70E-03	2.9E-04		mg/L	Yes/P
Carbazole	1/3	1.00E-02 - 2.00E-02	1.20E-02 - 1.20E-02	7.00E-03		2.2E-04	mg/L	Yes/P
Carbon tetrachloride	2/1E3	5.00E-05 - 5.00E+00	2.00E-04 - 6.00E-04	3.34E-02	1.2E-04	1.5E-05	mg/L	Yes/P
Chlorobenzene	2/413	5.00E-05 - 2.50E-02	4.60E-05 - 1.00E-03	2.42E-03	1.3E-03		mg/L	No
Chloroethane	1/418	5.00E-05 - 1.00E-01	1.00E-03 - 1.00E-03	2.87E-03	3.1E-01		mg/L	No
Chloroform	10/1E3	5.00E-05 - 5.00E+00	4.90E-05 - 2.00E-03	3.34E-02	2.0E-03	1.5E-05	mg/L	Yes/P
Chloromethane	14/411	5.00E-05 - 5.00E-02	5.70E-05 - 2.00E-03	2.74E-03		1.3E-04	mg/L	Yes/P
Chrysene	1/23	1.00E-02 - 2.00E-02	6.00E-04 - 6.00E-04	5.23E-03		1.3E-04	mg/L	Yes/P
Di-n-butyl phthalate	2/23	1.00E-02 - 2.00E-02	1.00E-02 - 1.00E-02	5.43E-03	1.3E-01		mg/L	Yes/Qual
Dichlorodifluoromethane	1/404	5.00E-05 - 5.00E-03	7.40E-05 - 7.40E-05	2.25E-03	1.3E-02		mg/L	No
Diethyl phthalate	1/23	1.00E-02 - 2.00E-02	1.10E-02 - 1.10E-02	5.23E-03	1.2E+00		mg/L	No
Dimethylbenzene	3/1E3	5.00E-05 - 1.00E+01	1.00E-03 - 6.00E-03	5.75E-02	4.0E-01		mg/L	Yes/Qual
Ethanol	7/340	5.00E-02 - 1.00E+00	7.00E-03 - 3.50E-01	1.58E-01			mg/L	Yes/Qual
Ethylbenzene	1/1E3	5.00E-05 - 5.00E+00	1.00E-03 - 1.00E-03	3.63E-02	4.5E-02		mg/L	Yes/Qual
Methylene chloride	39/413	5.00E-05 - 2.50E-02	4.60E-05 - 1.80E-02	3.47E-03	6.2E-02	3.6E-04	mg/L	Yes/P

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=m MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
PCB-1254	1/20	1.00E-04 - 5.90E-04	9.00E-04 - 9.00E-04	3.27E-04	1.9E-05	8.0E-06	mg/L	Yes/P
Polychlorinated biphenyl	1/99	1.00E-04 - 1.70E-04	1.00E-04 - 1.00E-04	1.04E-04		8.0E-06	mg/L	Yes/P
Tetrachloroethene	4/1E3	5.00E-05 - 5.00E+00	6.90E-05 - 2.00E-03	3.53E-02	7.9E-03	5.7E-05	mg/L	Yes/P
Toluene	15/1E3	5.00E-05 - 5.00E+00	4.70E-05 - 9.00E-03	3.63E-02	2.4E-02		mg/L	No
Trichloroethene	966/1E3	1.00E-03 - 3.10E-01	6.50E-05 - 1.67E+02	3.85E-01	1.2E-03	1.4E-04	mg/L	Yes/P
Trichlorofluoromethane	7/404	5.00E-05 - 1.00E-02	5.50E-05 - 2.00E-03	2.37E-03	4.2E-02		mg/L	No
Vinyl chloride	1/1E3	5.00E-05 - 1.00E+01	1.00E-03 - 1.00E-03	1.04E-01		1.7E-06	mg/L	Yes/P
cis-1,2-Dichloroethene	20/1E3	5.00E-05 - 5.00E+00	5.10E-05 - 2.20E-02	7.62E-02	2.0E-03		mg/L	Yes/P
m,p-Xylene	3/12	1.00E-04 - 1.00E-04	4.60E-05 - 1.50E-04	4.80E-05	4.0E-01		mg/L	Yes/Qual
trans-1,2-Dichloroethene	4/1E3	5.00E-05 - 5.00E+00	5.40E-05 - 5.00E-03	7.26E-02	4.0E-03		mg/L	Yes/P
trans-1,3-Dichloropropene	1/413	5.00E-05 - 2.50E-02	1.70E-04 - 1.70E-04	2.59E-03			mg/L	Yes/Qual
Alpha activity	1E3/2E3	-6.18E+01 - 1.00E+03	1.00E-01 - 1.88E+02	2.07E+01			pCi/L	Yes/Qual
Americium-241	3/8	-1.90E+00 --3.00E-01	1.00E-01 - 8.00E-01	-2.06E-01		1.2E-01	pCi/L	Yes/P
Beta activity	2E3/2E3	-7.00E+00 - 1.00E+03	4.20E-01 - 1.81E+03	6.86E+01			pCi/L	Yes/Qual
Cesium-137	5/8	-4.00E-01 - 0.00E+00	1.00E-01 - 6.00E-01	3.93E-01		1.2E+00	pCi/L	Yes/Qual
Cobalt-60	6/8	-4.00E-01 - 0.00E+00	1.00E-01 - 1.20E+00	2.00E-01		2.0E+00	pCi/L	Yes/Qual
Neptunium-237	28/48	-4.00E-01 - 0.00E+00	1.00E-01 - 8.00E-01	4.37E-02		1.3E-01	pCi/L	Yes/PB
Plutonium-239	9/48	-1.60E-01 - 0.00E+00	1.00E-01 - 2.00E-01	1.20E-01		1.2E-01	pCi/L	Yes/PB
Radium-226	20/27	-1.00E+00 - 0.00E+00	2.00E-01 - 1.30E+00	5.37E-01		1.3E-01	pCi/L	Yes/PB
Radon-222	498/499	0.00E+00 - 0.00E+00	8.00E-01 - 1.97E+03	2.14E+02		1.4E+00	pCi/L	Yes/PB
Technetium-99	1E3/2E3	-1.51E+01 - 2.50E+01	2.00E-01 - 2.11E+03	1.18E+02		2.8E+01	pCi/L	Yes/PB
Thorium-230	38/47	-4.00E-01 - 0.00E+00	1.00E-01 - 1.60E+00	1.86E-01		1.0E+00	pCi/L	Yes/PB
Thorium-234	1/1		6.00E-01 - 6.00E-01	3.00E-01		2.0E+00	pCi/L	No

AREA_CODE=m MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	37/50	6.20E-01 - 1.00E+00	1.06E-01 - 8.00E+01	2.26E+00	1.5E+00		mg/L	Yes/P
Antimony	4/44	1.30E-03 - 2.50E-01	2.00E-03 - 2.35E-01	4.75E-02	5.6E-04		mg/L	Yes/P
Arsenic	12/63	5.00E-03 - 5.00E-03	5.40E-03 - 5.70E-02	3.29E-03	4.5E-04	3.5E-06	mg/L	Yes/P
Barium	59/63	7.00E-02 - 7.00E-02	3.80E-02 - 1.19E+00	2.30E-01	1.0E-01		mg/L	Yes/P
Cadmium	2/67	1.00E-02 - 1.00E-01	1.80E-02 - 1.90E-02	8.15E-03	6.6E-04		mg/L	Yes/P
Calcium	60/61	2.00E+00 - 2.00E+00	5.36E+00 - 1.28E+02	3.75E+01			mg/L	No
Chloride	79/82	2.00E+00 - 1.00E+01	1.47E+00 - 2.13E+02	2.19E+01			mg/L	Yes/E
Chromium	7/67	5.00E-02 - 6.00E-02	5.40E-02 - 1.46E-01	2.78E-02	4.2E-03		mg/L	Yes/P
Cobalt	1/43	4.50E-02 - 1.00E-01	6.60E-02 - 6.60E-02	2.53E-02	9.1E-02		mg/L	Yes/Qual

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=m MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Copper	34/67	1.00E-02 - 1.00E-01	1.00E-02 - 1.32E+00	6.99E-02	6.0E-02		mg/L	Yes/PE
Fluoride	53/60	1.00E-01 - 1.00E-01	1.00E-01 - 8.90E+00	5.21E-01	9.1E-02		mg/L	Yes/PE
Iron	81/89	1.00E-02 - 3.60E-01	1.60E-02 - 6.80E+01	2.93E+00	4.5E-01		mg/L	Yes/PE
Lead	5/50	5.00E-02 - 2.50E-01	5.70E-02 - 2.35E-01	2.12E-02	1.5E-07		mg/L	Yes/P
Magnesium	60/61	1.00E-01 - 1.00E-01	2.75E+00 - 4.37E+01	1.37E+01			mg/L	Yes/E
Manganese	37/61	5.00E-03 - 1.00E-01	5.00E-03 - 8.06E+00	1.34E-01	6.7E-02		mg/L	Yes/P
Mercury	3/46	2.00E-04 - 2.00E-04	4.00E-04 - 5.00E-04	1.08E-04	4.4E-04		mg/L	Yes/P
Nickel	12/66	5.00E-02 - 1.00E-01	7.60E-02 - 5.95E-01	4.96E-02	3.0E-02		mg/L	Yes/P
Nitrate	1/1		2.10E+00 - 2.10E+00	1.05E+00	2.4E+00		mg/L	No
Nitrate as Nitrogen	37/77	1.00E-01 - 1.00E+00	2.80E-01 - 7.80E+00	9.77E-01	2.4E+00		mg/L	Yes/P
Potassium	14/55	2.00E+00 - 1.05E+01	2.08E+00 - 1.36E+01	2.80E+00			mg/L	No
Selenium	1/50	5.00E-03 - 5.00E-03	5.00E-03 - 5.00E-03	2.50E-03	7.5E-03		mg/L	No
Silica	48/48		1.10E+01 - 4.30E+01	1.57E+01			mg/L	Yes/Qual
Silver	1/38	3.00E-02 - 6.00E-02	4.50E-02 - 4.50E-02	1.89E-02	7.5E-03		mg/L	Yes/P
Sodium	85/86	5.00E+00 - 5.00E+00	7.56E+00 - 1.49E+02	2.95E+01			mg/L	Yes/Qual
Sulfate	13/13		1.60E+01 - 1.90E+02	4.64E+01			mg/L	Yes/Qual
Tetraoxo-sulfate(1-)	62/62		6.20E+00 - 3.76E+02	3.63E+01			mg/L	Yes/Qual
Thallium	1/31	1.50E-03 - 4.70E-01	8.20E-03 - 8.20E-03	5.00E-02			mg/L	Yes/Qual
Uranium	36/82	1.00E-03 - 1.00E-03	1.00E-03 - 6.40E-01	3.91E-02	4.5E-03		mg/L	Yes/P
Vanadium	27/33	5.00E-02 - 5.00E-02	5.00E-02 - 7.60E-01	1.72E-01	9.3E-03		mg/L	Yes/P
Zinc	48/66	5.00E-03 - 2.50E-01	6.00E-03 - 1.88E+00	1.02E-01	4.5E-01		mg/L	Yes/P
2-Butanone	3/29	5.00E-03 - 1.00E-01	4.00E-03 - 7.00E-03	4.59E-03	6.2E-02		mg/L	No
Acetone	4/29	5.00E-03 - 1.00E-01	2.00E-03 - 1.50E-02	4.80E-03	2.0E-02		mg/L	No
Benzene	1/80	1.00E-03 - 5.00E-02	5.00E-03 - 5.00E-03	2.68E-03	4.0E-04	3.5E-05	mg/L	Yes/P
Bromodichloromethane	1/82	1.00E-03 - 5.00E-01	9.00E-03 - 9.00E-03	5.72E-03	4.0E-03	8.4E-05	mg/L	Yes/P
Chloroform	3/83	1.00E-03 - 5.00E-01	2.00E-03 - 2.40E-02	5.75E-03	2.0E-03	1.5E-05	mg/L	Yes/P
Dibromochloromethane	1/30	1.00E-03 - 5.00E-03	2.00E-03 - 2.00E-03	2.18E-03	4.0E-03	6.2E-05	mg/L	Yes/P
Dichlorodifluoromethane	3/28	1.00E-03 - 5.00E-03	1.00E-03 - 6.00E-03	2.34E-03	1.3E-02		mg/L	No
Ethanol	3/28	5.00E-02 - 1.00E+00	7.00E-03 - 2.40E-02	1.88E-02			mg/L	Yes/Qual
Methylene chloride	10/29	1.00E-03 - 1.00E-02	1.00E-03 - 1.30E-02	3.08E-03	6.2E-02	3.6E-04	mg/L	Yes/P
Trichloroethene	13/153	1.00E-03 - 1.00E-01	1.00E-03 - 5.60E-02	2.48E-03	1.2E-03	1.4E-04	mg/L	Yes/P
Alpha activity	117/145	-1.07E+01 - 1.00E+03	1.00E-01 - 3.49E+02	4.18E+01			pCi/L	Yes/Qual
Beta activity	136/145	-4.00E+00 - 1.00E+03	1.00E+00 - 1.00E+03	3.09E+01			pCi/L	Yes/Qual
Cesium-137	3/4	-7.00E-01 --7.00E-01	2.00E-01 - 9.00E-01	8.75E-02		1.2E+00	pCi/L	Yes/Qual
Cobalt-60	4/4		7.00E-01 - 1.40E+00	5.13E-01		2.0E+00	pCi/L	Yes/Qual
Neptunium-237	2/7	-5.00E-01 - 0.00E+00	2.00E-01 - 2.00E-01	-5.71E-02		1.3E-01	pCi/L	Yes/P
Plutonium-239	1/7	0.00E+00 - 0.00E+00	2.00E-01 - 2.00E-01	1.43E-02		1.2E-01	pCi/L	Yes/P
Radium-226	7/10	-9.00E-01 - 0.00E+00	3.00E-01 - 1.60E+00	6.97E-01		1.3E-01	pCi/L	Yes/P
Radon-222	35/35		4.00E+01 - 6.95E+02	1.37E+02		1.4E+00	pCi/L	Yes/P
Technetium-99	124/155	-9.40E+00 - 0.00E+00	1.00E+00 - 3.39E+02	2.27E+01		2.8E+01	pCi/L	Yes/P

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=m MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Thorium-230	3/7	0.00E+00 - 0.00E+00	3.00E-01 - 4.00E-01	7.86E-02		1.0E+00	pCi/L	No

AREA_CODE=n MEDIA=McNairy Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	30/110	1.00E-01 - 1.00E+00	1.02E-01 - 9.04E+01	8.57E-01	1.5E+00		mg/L	Yes/PB
Antimony	1/76	6.00E-02 - 2.50E-01	1.85E-01 - 1.85E-01	7.50E-02	5.6E-04		mg/L	Yes/PB
Arsenic	4/59	5.00E-03 - 5.00E-03	5.00E-03 - 8.54E-02	3.46E-03	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	51/59	5.00E-02 - 7.00E-02	6.80E-02 - 6.70E-01	1.65E-01	1.0E-01		mg/L	Yes/PB
Beryllium	1/59	4.00E-03 - 2.50E-02	1.70E-02 - 1.70E-02	6.06E-03	2.6E-03	1.0E-06	mg/L	Yes/PB
Cadmium	1/59	1.00E-02 - 1.00E-01	2.10E-02 - 2.10E-02	1.54E-02	6.6E-04		mg/L	Yes/PB
Calcium	119/119		4.20E+00 - 1.18E+02	8.59E+00			mg/L	No
Chloride	113/113		2.60E+00 - 5.51E+01	6.80E+00			mg/L	No
Chromium	2/49	5.00E-02 - 6.00E-02	5.60E-02 - 2.32E-01	2.88E-02	4.2E-03		mg/L	Yes/PB
Cobalt	1/59	4.50E-02 - 1.00E-01	1.21E-01 - 1.21E-01	2.77E-02	9.1E-02		mg/L	Yes/PB
Copper	6/59	1.00E-02 - 1.00E-01	1.30E-02 - 1.63E-01	5.37E-03	6.0E-02		mg/L	No
Fluoride	71/71		1.30E-01 - 3.90E-01	2.24E-01	9.1E-02		mg/L	Yes/PBE
Iron	116/119	1.00E-02 - 3.60E-01	1.22E-01 - 1.79E+02	7.61E+00	4.5E-01		mg/L	Yes/PBE
Magnesium	119/119		1.31E+00 - 6.46E+01	3.41E+00			mg/L	Yes/BE
Manganese	118/119	2.00E-02 - 2.00E-02	8.20E-02 - 3.91E+00	3.46E-01	6.7E-02		mg/L	Yes/PB
Mercury	1/41	2.00E-04 - 2.00E-04	4.50E-03 - 4.50E-03	1.52E-04	4.4E-04		mg/L	Yes/PB
Molybdenum	1/50	5.00E-02 - 1.00E-01	3.15E-01 - 3.15E-01	3.20E-02	7.5E-03		mg/L	Yes/PBE
Nickel	2/59	5.00E-02 - 1.00E-01	1.07E-01 - 1.09E-01	3.95E-02	3.0E-02		mg/L	Yes/PB
Nitrate as Nitrogen	5/113	1.00E+00 - 1.00E+00	1.00E+00 - 5.60E+00	5.29E-01	2.4E+00		mg/L	Yes/PB
Potassium	78/113	2.00E+00 - 1.05E+01	3.82E+00 - 8.61E+01	5.45E+00			mg/L	No
Silica	91/91		2.00E+00 - 5.80E+01	1.29E+01			mg/L	Yes/B
Sodium	119/119		1.41E+01 - 7.65E+01	1.13E+01			mg/L	Yes/B
Sulfate	4/5	5.00E+00 - 5.00E+00	1.90E+01 - 1.17E+03	1.37E+02			mg/L	Yes/B
Tetraoxo-sulfate(1-)	86/100	5.00E+00 - 5.00E+00	1.40E+00 - 2.89E+01	6.93E+00			mg/L	Yes/Qual
Thallium	3/32	5.60E-02 - 4.70E-01	1.03E-01 - 1.02E+00	8.48E-03			mg/L	Yes/B
Total Phosphate as Phosphorus	1/70	2.00E+00 - 2.00E+00	5.20E+00 - 5.20E+00	1.02E+00	3.0E-05		mg/L	No
Uranium	4/68	1.00E-03 - 1.00E-03	1.00E-03 - 1.80E-02	1.26E-03	4.5E-03		mg/L	Yes/PB
Vanadium	21/32	4.00E-02 - 5.00E-02	4.00E-02 - 8.36E-01	8.85E-02	9.3E-03		mg/L	Yes/PB
Zinc	33/59	5.00E-03 - 2.50E-01	5.00E-03 - 5.64E-01	4.36E-02	4.5E-01		mg/L	Yes/PB
Trichloroethene	10/154	1.00E-03 - 1.00E-02	1.00E-03 - 9.60E+00	6.36E-02	1.2E-03	1.4E-04	mg/L	Yes/P
Alpha activity	124/145	-3.11E+01 - 0.00E+00	2.00E-01 - 1.07E+02	4.21E+00			pCi/L	Yes/Qual

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=n MEDIA=McNairy Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Beta activity	144/145	0.00E+00 - 0.00E+00	1.00E+00 - 1.48E+03	2.73E+01			pCi/L	Yes/Qual
Neptunium-237	12/27	-7.00E-01 - 0.00E+00	1.00E-01 - 5.00E-01	-1.48E-02		1.3E-01	pCi/L	Yes/PB
Plutonium-238	1/2	-1.00E-01 - 1.00E-01	5.00E-02 - 5.00E-02	-1.25E-02		1.3E-01	pCi/L	No
Plutonium-239	4/24	0.00E+00 - 0.00E+00	1.00E-01 - 2.00E-01	1.04E-02		1.2E-01	pCi/L	Yes/PB
Radium-226	19/22	-7.00E-01 - 0.00E+00	1.00E-01 - 1.30E+00	6.56E-01		1.3E-01	pCi/L	Yes/PB
Radon-222	98/98		2.20E+01 - 3.91E+02	8.60E+01		1.4E+00	pCi/L	Yes/PB
Technetium-99	113/158	-1.29E+01 - 0.00E+00	5.00E-01 - 1.95E+03	1.11E+01		2.8E+01	pCi/L	Yes/PB
Thorium-230	16/26	-1.41E-01 - 0.00E+00	1.00E-02 - 2.30E+00	3.15E-01		1.0E+00	pCi/L	Yes/PB

AREA_CODE=n MEDIA=Other Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	61/83	6.20E-01 - 1.00E+00	1.16E-01 - 8.77E+01	2.32E+00	1.5E+00		mg/L	Yes/P
Ammonia as Nitrogen	1/3	3.00E-02 - 3.00E-02	6.23E+00 - 6.23E+00	1.05E+00			mg/L	Yes/Qual
Antimony	3/68	2.00E-02 - 2.50E-01	2.38E-02 - 6.40E-02	2.07E-02	5.6E-04		mg/L	Yes/P
Arsenic	5/103	1.00E-03 - 5.00E-03	1.60E-03 - 2.10E-02	2.48E-03	4.5E-04	3.5E-06	mg/L	Yes/P
Barium	67/103	5.00E-02 - 2.00E-01	3.41E-02 - 2.78E-01	9.16E-02	1.0E-01		mg/L	Yes/P
Beryllium	6/68	1.00E-03 - 2.50E-02	1.90E-03 - 6.28E-02	3.03E-04	2.6E-03	1.0E-06	mg/L	Yes/P
Cadmium	1/103	2.00E-03 - 1.00E-01	1.60E-02 - 1.60E-02	2.21E-02	6.6E-04		mg/L	Yes/P
Calcium	65/65		3.94E+00 - 4.39E+02	2.87E+01			mg/L	Yes/E
Chloride	63/63		2.70E+00 - 7.74E+01	1.36E+01			mg/L	No
Chromium	11/65	2.00E-03 - 6.00E-02	2.00E-03 - 9.40E-02	2.49E-02	4.2E-03		mg/L	Yes/P
Cobalt	11/68	3.00E-03 - 1.00E-01	3.50E-03 - 1.01E+00	4.58E-02	9.1E-02		mg/L	Yes/P
Copper	18/67	2.00E-03 - 1.00E-01	4.30E-03 - 4.80E-02	9.64E-03	6.0E-02		mg/L	No
Fluoride	51/59	1.00E-01 - 1.00E-01	1.50E-01 - 2.90E+00	4.89E-01	9.1E-02		mg/L	Yes/PE
Iron	82/100	1.00E-02 - 5.00E-01	1.60E-02 - 1.23E+03	2.29E+01	4.5E-01		mg/L	Yes/PE
Kjeldahl Nitrogen	3/4	2.00E+00 - 2.00E+00	3.50E-01 - 1.38E+00	6.33E-01			mg/L	Yes/Qual
Lead	14/100	1.00E-03 - 2.50E-01	1.60E-03 - 1.78E+00	1.02E-01	1.5E-07		mg/L	Yes/P
Magnesium	100/100		1.52E+00 - 1.72E+02	2.15E+01			mg/L	Yes/E
Manganese	82/100	5.00E-03 - 5.00E-02	7.00E-03 - 6.00E+01	2.03E+00	6.7E-02		mg/L	Yes/P
Mercury	2/61	2.00E-04 - 4.00E-04	3.00E-04 - 3.80E-03	1.32E-04	4.4E-04		mg/L	Yes/P
Nickel	25/103	5.00E-02 - 1.00E-01	7.70E-03 - 7.76E-01	3.99E-02	3.0E-02		mg/L	Yes/P
Nitrate as Nitrogen	35/60	1.00E+00 - 1.00E+00	1.00E+00 - 4.60E+00	1.74E+00	2.4E+00		mg/L	Yes/P
Nitrate/Nitrite	2/4	5.00E-02 - 5.00E-02	2.10E-01 - 2.20E-01	6.63E-02	2.4E+00		mg/L	No
Potassium	39/97	2.00E+00 - 1.05E+01	6.04E-01 - 2.46E+01	5.18E+00			mg/L	No
Selenium	3/66	1.00E-03 - 1.50E-02	1.10E-03 - 4.90E-03	2.37E-03	7.5E-03		mg/L	No

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=n MEDIA=Other Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Silica	77/78	1.00E+01 - 1.00E+01	6.00E+00 - 5.02E+02	3.51E+01			mg/L	Yes/Qual
Silver	1/31	2.00E-03 - 6.00E-02	2.20E-03 - 2.20E-03	2.22E-02	7.5E-03		mg/L	No
Sodium	100/100		8.18E+00 - 2.05E+02	2.83E+01			mg/L	Yes/Qual
Strontium	30/38	5.00E-01 - 1.21E+00	4.07E-01 - 2.33E+00	5.38E-01	9.0E-01		mg/L	Yes/P
Sulfate	3/3		1.38E+01 - 1.98E+03	3.43E+02			mg/L	Yes/Qual
Sulfide	2/4	1.00E+00 - 1.00E+00	2.40E+00 - 2.40E+00	8.50E-01			mg/L	Yes/Qual
Tetraoxo-sulfate(1-)	48/48		1.70E+00 - 4.87E+03	2.37E+02			mg/L	Yes/Qual
Thallium	1/45	1.00E-03 - 4.70E-01	7.50E-02 - 7.50E-02	7.93E-02			mg/L	Yes/Qual
Tin	1/4	1.00E-02 - 1.00E-02	1.05E-02 - 1.05E-02	5.06E-03	8.9E-01		mg/L	Yes/Qual
Total Phosphate as Phosphorus	1/3	1.00E-01 - 1.00E-01	3.40E-01 - 3.40E-01	9.00E-02	3.0E-05		mg/L	No
Uranium	48/103	1.00E-03 - 1.00E-03	1.00E-03 - 1.40E-02	2.32E-03	4.5E-03		mg/L	Yes/P
Vanadium	33/45	4.10E-02 - 5.00E-02	1.70E-03 - 4.98E+00	7.76E-02	9.3E-03		mg/L	Yes/P
Zinc	36/68	5.00E-03 - 2.50E-01	4.00E-03 - 1.99E+00	2.88E-02	4.5E-01		mg/L	Yes/P
1,1,1-Trichloroethane	3/72	5.00E-03 - 2.50E-01	6.00E-03 - 4.40E-02	9.60E-03	5.4E-02		mg/L	No
1,1-Dichloroethane	11/72	5.00E-03 - 2.50E-01	3.00E-03 - 1.40E-01	1.18E-02	2.7E-02		mg/L	Yes/P
1,1-Dichloroethene	11/72	5.00E-03 - 2.50E-01	1.80E-02 - 4.60E-01	1.80E-02	1.8E-03	9.3E-07	mg/L	Yes/P
1,2-Dichloroethene	2/10	5.00E-03 - 5.00E-03	3.40E-02 - 3.30E-01	1.17E-03	1.8E-03		mg/L	Yes/P
Acetone	1/10	1.00E-01 - 1.00E-01	1.00E-01 - 1.00E-01	5.00E-02	2.0E-02		mg/L	Yes/P
Di-n-butyl phthalate	1/10	1.00E-02 - 1.00E-02	1.40E-02 - 1.40E-02	5.20E-03	1.3E-01		mg/L	Yes/Qual
Methylene chloride	9/10	5.00E-03 - 5.00E-03	1.00E-03 - 1.10E-02	3.33E-03	6.2E-02	3.6E-04	mg/L	Yes/P
Naphthalene	1/10	1.00E-02 - 1.00E-02	7.00E-02 - 7.00E-02	8.00E-03	2.0E-04		mg/L	Yes/P
Phenanthrene	1/10	1.00E-02 - 1.00E-02	2.00E-03 - 2.00E-03	4.60E-03			mg/L	Yes/Qual
Trichloroethene	22/111	1.00E-03 - 5.00E-03	1.00E-03 - 6.00E-01	1.46E-02	1.2E-03	1.4E-04	mg/L	Yes/P
Vinyl chloride	1/72	5.00E-03 - 2.50E-01	1.50E-02 - 1.50E-02	2.62E-02		1.7E-06	mg/L	Yes/P
cis-1,2-Dichloroethene	32/63	5.00E-03 - 5.00E-03	1.40E-02 - 4.20E+00	3.94E-02	2.0E-03		mg/L	Yes/P
Alpha activity	93/121	-1.13E+01 - 1.04E+01	1.00E-01 - 5.99E+01	5.90E+00			pCi/L	Yes/Qual
Beta activity	106/121	-6.00E+00 - 3.13E+01	1.00E+00 - 1.60E+02	1.55E+01			pCi/L	Yes/Qual
Neptunium-237	13/36	-1.00E+00 - 0.00E+00	1.00E-01 - 8.00E-01	3.92E-01		1.3E-01	pCi/L	Yes/P
Plutonium-238	1/1		1.00E-01 - 1.00E-01	5.00E-02		1.3E-01	pCi/L	No
Plutonium-239	7/35	0.00E+00 - 7.00E-02	1.00E-01 - 1.00E-01	4.82E-02		1.2E-01	pCi/L	No
Plutonium-242	1/1		1.83E-02 - 1.83E-02	9.15E-03		1.3E-01	pCi/L	No
Radium-226	24/30	-1.00E+00 - 0.00E+00	1.00E-01 - 9.00E-01	4.47E-01		1.3E-01	pCi/L	Yes/P
Radon-222	58/58		9.00E+00 - 5.29E+03	3.30E+02		1.4E+00	pCi/L	Yes/P
Technetium-99	87/121	-1.59E+01 - 9.40E-01	9.17E-01 - 1.88E+02	9.18E+00		2.8E+01	pCi/L	Yes/P
Thorium-228	1/1		7.80E-01 - 7.80E-01	3.90E-01		1.7E-01	pCi/L	Yes/P
Thorium-230	30/36	-5.00E-01 - 0.00E+00	1.00E-01 - 1.60E+00	2.04E-01		1.0E+00	pCi/L	Yes/P
Thorium-232	1/1		6.40E-01 - 6.40E-01	3.20E-01		1.2E+00	pCi/L	No
Uranium-234	11/14	1.30E-01 - 1.70E-01	1.80E-01 - 8.44E+00	9.68E-01		8.7E-01	pCi/L	Yes/P
Uranium-235	5/11	3.00E-02 - 1.20E-01	6.00E-02 - 6.10E-01	1.15E-01		8.2E-01	pCi/L	Yes/Qual
Uranium-238	12/14	1.20E-01 - 1.90E-01	1.60E-01 - 8.72E+00	1.06E+00		6.2E-01	pCi/L	Yes/P

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=n MEDIA=RGA Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	440/989	1.50E-02 - 1.00E+00	2.80E-02 - 1.43E+02	8.50E-01	1.5E+00		mg/L	Yes/PB
Antimony	6/1E3	1.30E-03 - 2.50E-01	1.70E-03 - 2.73E-01	7.46E-02	5.6E-04		mg/L	Yes/PB
Arsenic	57/1E3	1.00E-03 - 5.00E-03	1.80E-03 - 1.40E-01	2.75E-03	4.5E-04	3.5E-06	mg/L	Yes/PB
Barium	1E3/1E3	3.50E-02 - 7.00E-02	1.00E-02 - 2.70E+00	9.48E-02	1.0E-01		mg/L	Yes/PB
Beryllium	43/974	1.00E-04 - 1.00E-01	2.00E-04 - 1.40E-02	6.50E-03	2.6E-03	1.0E-06	mg/L	Yes/PB
Bicarbonate	3/3		1.81E+02 - 2.37E+02	1.01E+02			mg/L	Yes/Qual
Boron	34/48	3.00E-02 - 3.00E-02	3.00E-02 - 1.54E+00	1.63E-01	1.4E-01		mg/L	Yes/P
Cadmium	19/1E3	2.67E-04 - 3.00E-01	1.00E-04 - 3.42E-01	8.90E-03	6.6E-04		mg/L	Yes/PB
Calcium	1E3/1E3	2.06E+01 - 2.06E+01	2.88E+00 - 1.34E+02	1.25E+01			mg/L	No
Cerium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	4.00E-02			mg/L	Yes/Qual
Chloride	1E3/1E3	2.00E+01 - 2.00E+01	2.70E+00 - 5.86E+02	2.18E+01			mg/L	Yes/BE
Chromium	345/1E3	2.00E-03 - 1.32E+00	2.40E-03 - 2.51E+01	1.02E-01	4.2E-03		mg/L	Yes/PB
Cobalt	49/969	1.78E-03 - 4.50E-01	3.40E-03 - 9.00E-02	2.67E-02	9.1E-02		mg/L	Yes/B
Copper	114/1E3	2.00E-03 - 4.50E-01	4.00E-03 - 1.87E+00	2.36E-02	6.0E-02		mg/L	Yes/PBE
Fluoride	718/841	1.00E-01 - 1.00E+00	1.00E-01 - 7.20E+00	1.75E-01	9.1E-02		mg/L	Yes/PBE
Gallium	24/48	9.00E-02 - 9.00E-02	9.00E-02 - 9.00E-02	4.50E-02			mg/L	Yes/Qual
Iron	1E3/2E3	5.00E-03 - 2.88E+00	1.00E-02 - 7.20E+02	2.59E+00	4.5E-01		mg/L	Yes/PBE
Lead	34/1E3	1.00E-03 - 2.50E-01	2.40E-03 - 4.32E-01	4.71E-02	1.5E-07		mg/L	Yes/PB
Lithium	24/48	8.00E-02 - 8.00E-02	8.00E-02 - 8.00E-02	4.00E-02	3.0E-02		mg/L	Yes/P
Magnesium	1E3/1E3		1.04E-01 - 4.72E+01	4.97E+00			mg/L	Yes/BE
Manganese	719/1E3	5.00E-03 - 1.00E+00	2.50E-03 - 1.49E+01	1.91E-01	6.7E-02		mg/L	Yes/PB
Mercury	3/1E3	2.00E-04 - 4.70E-02	3.00E-04 - 3.00E-04	2.07E-04	4.4E-04		mg/L	Yes/B
Molybdenum	32/509	4.40E-03 - 1.00E-01	1.50E-02 - 2.86E-01	2.77E-02	7.5E-03		mg/L	Yes/PBE
Nickel	324/1E3	4.20E-03 - 1.00E+00	7.40E-03 - 1.89E+00	5.94E-02	3.0E-02		mg/L	Yes/PB
Nitrate as Nitrogen	1E3/1E3	1.00E-01 - 1.00E+00	6.20E-01 - 3.93E+01	1.05E+00	2.4E+00		mg/L	Yes/PB
Nitrate/Nitrite	6/6		5.00E-02 - 9.40E+00	9.37E-01	2.4E+00		mg/L	No
Potassium	263/1E3	2.00E+00 - 3.00E+01	1.10E-01 - 4.41E+01	2.86E+00			mg/L	No
Selenium	8/1E3	1.00E-03 - 1.50E-02	1.00E-03 - 4.76E-01	2.73E-03	7.5E-03		mg/L	Yes/PBE
Silica	568/569	5.00E+00 - 5.00E+00	7.00E+00 - 5.20E+01	9.48E+00			mg/L	Yes/B
Silver	18/693	7.00E-04 - 6.00E-02	1.00E-03 - 3.90E-01	2.26E-02	7.5E-03		mg/L	Yes/PB
Sodium	1E3/1E3	5.00E+00 - 5.00E+00	3.35E+00 - 2.66E+02	1.71E+01			mg/L	Yes/B
Strontium	57/57		6.50E-02 - 3.33E-01	6.27E-02	9.0E-01		mg/L	No
Sulfate	150/167	5.00E+00 - 1.00E+01	2.90E+00 - 7.42E+02	1.85E+01			mg/L	Yes/B
Tetraoxo-sulfate(1-)	938/969	2.00E+00 - 5.00E+00	1.80E+00 - 3.98E+02	9.22E+00			mg/L	Yes/Qual
Thallium	6/700	4.67E-04 - 4.70E-01	7.20E-02 - 2.38E-01	9.40E-02			mg/L	Yes/B
Thorium	24/48	5.00E-02 - 5.00E-02	5.00E-02 - 5.00E-02	2.50E-02			mg/L	Yes/Qual
Tin	4/41	1.00E-02 - 4.00E+00	1.80E-02 - 8.00E-01	4.22E-03	8.9E-01		mg/L	Yes/Qual
Titanium	27/48	6.00E-02 - 6.00E-02	6.00E-02 - 2.20E-01	3.31E-02			mg/L	Yes/Qual
Total Phosphate as Phosphorus	15/557	2.00E+00 - 2.00E+00	1.70E+00 - 3.49E+01	1.06E+00	3.0E-05		mg/L	No
Uranium	53/1E3	8.00E-05 - 9.20E-02	2.90E-04 - 1.90E-01	2.25E-03	4.5E-03		mg/L	Yes/PB
Vanadium	371/717	1.00E-03 - 5.00E-01	1.40E-03 - 9.50E-01	5.54E-02	9.3E-03		mg/L	Yes/PB

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Zinc	351/1E3	5.00E-03 - 5.00E-01	5.00E-03 - 5.30E+00	4.34E-02	4.5E-01		mg/L	Yes/PB
Zirconium	24/48	2.00E-02 - 2.00E-02	2.00E-02 - 2.00E-02	1.00E-02			mg/L	Yes/Qual
1,1,1-Trichloroethane	1/2E3	5.00E-05 - 5.00E+01	4.00E-03 - 4.00E-03	4.17E-01	5.4E-02		mg/L	No
1,1,2-Trichloro-1,2,2-trifluoroethane	2/55	3.60E-04 - 5.00E-03	8.80E-04 - 5.70E-03	1.95E-03	1.9E+00		mg/L	No
1,1,2-Trichloroethane	1/2E3	5.00E-05 - 5.00E+01	2.00E-03 - 2.00E-03	3.62E-01	8.1E-04	1.8E-05	mg/L	Yes/P
1,1-Dichloroethane	1/2E3	5.00E-05 - 5.00E+01	4.10E-03 - 4.10E-03	1.46E-01	2.7E-02		mg/L	No
1,1-Dichloroethene	7/2E3	5.00E-05 - 5.00E+01	1.30E-03 - 6.50E-02	1.47E-01	1.8E-03	9.3E-07	mg/L	Yes/P
1,2-Dichlorobenzene	1/359	5.00E-05 - 2.00E-02	5.70E-05 - 5.70E-05	2.52E-03	1.2E-02		mg/L	Yes/Qual
1,2-Dichloroethane	1/2E3	5.00E-05 - 5.00E+01	1.10E-03 - 1.10E-03	3.63E-01	6.7E-04	1.1E-05	mg/L	Yes/P
1,2-Dichloroethene	5/50	1.00E-03 - 1.25E+00	1.00E-03 - 1.40E-02	9.03E-04	1.8E-03		mg/L	Yes/P
1,3,5-Trimethylbenzene	1/1		2.00E-04 - 2.00E-04	1.00E-04	3.9E-04		mg/L	Yes/Qual
1,4-Dichlorobenzene	1/359	5.00E-05 - 2.00E-02	6.20E-05 - 6.20E-05	2.52E-03	5.3E-02	2.0E-04	mg/L	Yes/Qual
2-Butanone	45/404	3.40E-03 - 2.50E+01	2.00E-03 - 1.70E-01	4.32E-02	6.2E-02		mg/L	Yes/P
4-Bromofluorobenzene	2/2		9.40E-02 - 9.40E-02	4.70E-02			mg/L	Yes/Qual
4-Methyl-2-pentanone	3/433	1.10E-03 - 2.50E+01	2.00E-03 - 1.70E-02	3.85E-02	5.1E-03		mg/L	Yes/P
Acetone	58/406	1.40E-03 - 2.50E+01	1.00E-03 - 9.90E-02	4.29E-02	2.0E-02		mg/L	Yes/P
Acrylonitrile	1/384	1.00E-03 - 1.30E+02	1.00E-02 - 1.00E-02	1.93E-01	1.2E-04	3.4E-06	mg/L	Yes/P
Benzene	2/2E3	5.00E-05 - 5.00E+01	1.40E-04 - 1.00E-03	1.45E-01	4.0E-04	3.5E-05	mg/L	Yes/P
Bis(2-ethylhexyl)phthalate	7/35	9.00E-03 - 2.00E-02	5.00E-04 - 2.80E-02	4.71E-03	2.6E-02	3.1E-04	mg/L	Yes/P
Bromomethane	3/436	5.00E-05 - 2.50E+01	5.50E-05 - 1.00E-03	3.29E-02	2.9E-04		mg/L	Yes/P
Butyl benzyl phthalate	1/35	9.00E-03 - 2.00E-02	1.00E-03 - 1.00E-03	4.99E-03	2.6E-01		mg/L	Yes/Qual
Carbazole	1/15	9.00E-03 - 2.00E-02	1.20E-02 - 1.20E-02	5.32E-03		2.2E-04	mg/L	Yes/P
Carbon tetrachloride	6/2E3	5.00E-05 - 5.00E+01	2.00E-04 - 1.60E-01	3.74E-01	1.2E-04	1.5E-05	mg/L	Yes/P
Chlorobenzene	3/435	5.00E-05 - 1.30E+01	4.60E-05 - 2.00E-03	1.81E-02	1.3E-03		mg/L	Yes/P
Chloroethane	1/448	5.00E-05 - 2.50E+01	1.00E-03 - 1.00E-03	3.69E-02	3.1E-01		mg/L	No
Chloroform	16/2E3	5.00E-05 - 5.00E+01	4.90E-05 - 1.40E-02	3.74E-01	2.0E-03	1.5E-05	mg/L	Yes/P
Chloromethane	14/434	5.00E-05 - 2.50E+01	5.70E-05 - 2.00E-03	3.30E-02		1.3E-04	mg/L	Yes/P
Chrysene	1/35	9.00E-03 - 2.00E-02	6.00E-04 - 6.00E-04	5.12E-03		1.3E-04	mg/L	Yes/P
Di-n-butyl phthalate	4/35	1.00E-02 - 2.00E-02	8.00E-03 - 2.10E-02	7.05E-03	1.3E-01		mg/L	Yes/Qual
Dichlorodifluoromethane	1/410	5.00E-05 - 1.30E+01	7.40E-05 - 7.40E-05	1.89E-02	1.3E-02		mg/L	No
Diethyl phthalate	1/35	9.00E-03 - 2.00E-02	1.10E-02 - 1.10E-02	5.12E-03	1.2E+00		mg/L	No
Dimethylbenzene	4/2E3	5.00E-05 - 1.00E+02	1.00E-03 - 2.20E+00	2.49E-01	4.0E-01		mg/L	Yes/P
Ethane	8/24	3.00E-02 - 3.00E-02	1.00E-03 - 1.97E-01	1.62E-02			mg/L	Yes/Qual
Ethanol	7/340	5.00E-02 - 1.00E+00	7.00E-03 - 3.50E-01	1.58E-01			mg/L	Yes/Qual
Ethylbenzene	2/2E3	5.00E-05 - 5.00E+01	1.00E-03 - 8.70E-01	1.45E-01	4.5E-02		mg/L	Yes/P
Ethylene	8/24	3.00E-02 - 3.00E-02	7.00E-03 - 4.17E+00	2.82E-02			mg/L	Yes/Qual
Methylene chloride	47/435	5.00E-05 - 1.30E+01	4.60E-05 - 1.30E-01	1.93E-02	6.2E-02	3.6E-04	mg/L	Yes/P
PCB-1254	1/26	1.00E-04 - 1.00E-03	9.00E-04 - 9.00E-04	3.46E-04	1.9E-05	8.0E-06	mg/L	Yes/P
Polychlorinated biphenyl	1/135	1.00E-04 - 1.70E-04	1.00E-04 - 1.00E-04	1.13E-04		8.0E-06	mg/L	Yes/P
Tetrachloroethene	11/2E3	5.00E-05 - 5.00E+01	6.90E-05 - 3.20E-01	6.36E-01	7.9E-03	5.7E-05	mg/L	Yes/P

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=n MEDIA=RGA Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Toluene	18/2E3	5.00E-05 - 5.00E+01	4.70E-05 - 1.10E-02	1.45E-01	2.4E-02		mg/L	No
Trichloroethene	2E3/3E3	1.00E-03 - 1.00E+00	6.50E-05 - 4.60E+02	5.49E+00	1.2E-03	1.4E-04	mg/L	Yes/P
Trichlorofluoromethane	7/412	5.00E-05 - 1.30E+01	5.50E-05 - 2.00E-03	1.89E-02	4.2E-02		mg/L	No
Vinyl chloride	3/2E3	5.00E-05 - 1.00E+02	1.00E-03 - 6.30E+00	1.37E+00		1.7E-06	mg/L	Yes/P
cis-1,2-Dichloroethene	45/2E3	5.00E-05 - 5.00E+01	5.10E-05 - 4.20E+00	7.30E-01	2.0E-03		mg/L	Yes/P
m,p-Xylene	3/14	1.00E-04 - 5.00E-03	4.60E-05 - 1.50E-04	7.04E-05	4.0E-01		mg/L	Yes/Qual
trans-1,2-Dichloroethene	8/2E3	5.00E-05 - 5.00E+01	5.40E-05 - 1.20E+00	6.99E-01	4.0E-03		mg/L	Yes/P
trans-1,3-Dichloropropene	1/436	5.00E-05 - 1.30E+01	1.70E-04 - 1.70E-04	1.82E-02			mg/L	Yes/Qual
Alpha activity	2E3/3E3	-1.59E+02 - 1.00E+03	7.00E-02 - 1.88E+02	2.86E+01			pCi/L	Yes/Qual
Americium-241	16/29	-1.90E+00 - 2.30E-01	1.00E-02 - 3.50E+00	4.49E-01		1.2E-01	pCi/L	Yes/P
Beta activity	2E3/3E3	-1.00E+01 - 1.00E+03	4.20E-01 - 9.83E+03	1.18E+02			pCi/L	Yes/Qual
Cesium-137	14/44	-2.70E+00 - 1.87E+04	1.00E-01 - 2.07E+01	1.30E+00		1.2E+00	pCi/L	Yes/P
Cobalt-60	14/19	-6.00E-01 - 0.00E+00	1.00E-01 - 2.30E+00	7.93E-01		2.0E+00	pCi/L	Yes/P
Neptunium-237	64/106	-7.34E-01 - 2.04E+00	3.00E-02 - 1.44E+01	3.47E-01		1.3E-01	pCi/L	Yes/PB
Plutonium-238	9/13	-1.40E-01 - 0.00E+00	1.00E-02 - 7.00E-02	6.54E-03		1.3E-01	pCi/L	No
Plutonium-239	21/86	-1.60E-01 - 0.00E+00	1.00E-02 - 2.00E-01	1.07E-01		1.2E-01	pCi/L	Yes/PB
Plutonium-239/240	5/7	-3.99E-03 - 3.54E-03	8.87E-04 - 3.06E-02	9.95E-03		1.2E-01	pCi/L	No
Radium-226	60/72	-1.00E+00 - 0.00E+00	6.00E-02 - 7.39E+02	1.37E+00		1.3E-01	pCi/L	Yes/PB
Radon-222	809/810	0.00E+00 - 0.00E+00	8.00E-01 - 9.48E+03	1.99E+02		1.4E+00	pCi/L	Yes/PB
Technetium-99	3E3/4E3	-1.51E+01 - 2.50E+01	2.00E-01 - 1.67E+04	1.92E+02		2.8E+01	pCi/L	Yes/PB
Thorium-230	79/99	-5.00E-01 - 6.00E-02	2.69E-02 - 4.70E+00	5.04E-01		1.0E+00	pCi/L	Yes/PB
Thorium-234	1/1		6.00E-01 - 6.00E-01	3.00E-01		2.0E+00	pCi/L	No
Uranium-234	24/33	5.00E-02 - 5.00E-01	3.00E-02 - 2.00E+02	8.38E-01		8.7E-01	pCi/L	Yes/PB
Uranium-235	10/22	-1.00E-02 - 8.00E-02	1.00E-02 - 9.96E+00	6.55E-02		8.2E-01	pCi/L	Yes/PB
Uranium-235/236	8/10	0.00E+00 - 0.00E+00	1.00E-02 - 3.50E-01	8.60E-02		8.2E-01	pCi/L	Yes/B
Uranium-238	21/30	-1.00E-02 - 3.00E-01	1.00E-02 - 2.11E+02	7.31E-01		6.2E-01	pCi/L	Yes/PB

AREA_CODE=n MEDIA=UCRS Groundwater

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Aluminum	166/201	1.00E-01 - 1.00E+00	6.80E-02 - 8.00E+01	2.13E+00	1.5E+00		mg/L	Yes/P
Ammonia as Nitrogen	2/4	3.00E-02 - 3.00E-02	6.00E-02 - 1.60E-01	3.50E-02			mg/L	Yes/Qual
Antimony	7/177	1.30E-03 - 2.50E-01	2.00E-03 - 2.35E-01	4.56E-02	5.6E-04		mg/L	Yes/P
Arsenic	81/326	1.00E-03 - 5.00E-03	2.30E-03 - 4.53E-01	9.71E-03	4.5E-04	3.5E-06	mg/L	Yes/P
Barium	185/197	5.00E-02 - 7.00E-02	1.80E-02 - 1.19E+00	2.48E-01	1.0E-01		mg/L	Yes/P
Beryllium	5/170	2.00E-04 - 2.50E-02	2.00E-04 - 1.70E-03	3.54E-03	2.6E-03	1.0E-06	mg/L	Yes/P

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=n MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Cadmium	8/336	2.67E-04 - 1.00E-01	1.20E-02 - 1.90E-02	7.18E-03	6.6E-04		mg/L	Yes/P
Calcium	224/225	2.00E+00 - 2.00E+00	1.50E+00 - 3.78E+02	4.60E+01			mg/L	Yes/E
Chloride	240/244	2.00E+00 - 1.00E+01	1.47E+00 - 6.29E+02	6.64E+01			mg/L	Yes/E
Chromium	53/329	1.00E-02 - 6.00E-02	2.70E-03 - 1.36E+00	2.96E-02	4.2E-03		mg/L	Yes/P
Cobalt	10/168	5.00E-03 - 1.00E-01	2.00E-03 - 6.76E-02	2.38E-02	9.1E-02		mg/L	Yes/Qual
Copper	50/194	8.70E-03 - 1.00E-01	2.00E-03 - 1.32E+00	3.70E-02	6.0E-02		mg/L	Yes/PE
Cyanide	2/9	2.40E-03 - 6.00E-03	5.00E-03 - 1.00E-02	2.13E-03	2.8E-02		mg/L	No
Fluoride	138/194	2.00E-02 - 2.00E-01	1.00E-01 - 8.90E+00	3.36E-01	9.1E-02		mg/L	Yes/PE
Iron	239/259	1.00E-02 - 5.00E-01	1.50E-02 - 3.44E+02	3.35E+00	4.5E-01		mg/L	Yes/PE
Kjeldahl Nitrogen	3/4	8.00E+00 - 8.00E+00	6.78E-01 - 8.95E+00	2.39E+00			mg/L	Yes/Qual
Lead	15/243	1.00E-03 - 2.50E-01	1.80E-03 - 1.38E+00	4.22E-02	1.5E-07		mg/L	Yes/P
Magnesium	233/234	1.00E-01 - 1.00E-01	5.85E-01 - 9.40E+01	2.06E+01			mg/L	Yes/E
Manganese	180/229	5.00E-03 - 1.00E-01	5.00E-03 - 2.70E+01	5.97E-01	6.7E-02		mg/L	Yes/P
Mercury	5/226	2.00E-04 - 4.70E-02	2.00E-04 - 5.00E-04	4.29E-04	4.4E-04		mg/L	Yes/P
Molybdenum	1/133	4.40E-03 - 1.00E-01	1.00E-02 - 1.00E-02	2.54E-02	7.5E-03		mg/L	Yes/PE
Nickel	60/203	5.00E-02 - 1.00E-01	8.20E-03 - 2.30E+00	8.71E-02	3.0E-02		mg/L	Yes/P
Nitrate	1/1		2.10E+00 - 2.10E+00	1.05E+00	2.4E+00		mg/L	No
Nitrate as Nitrogen	77/227	1.00E-01 - 1.00E+00	2.80E-01 - 2.69E+01	6.94E-01	2.4E+00		mg/L	Yes/P
Nitrate/Nitrite	7/9	5.00E-02 - 5.00E-02	9.90E-03 - 9.38E+00	5.07E-01	2.4E+00		mg/L	Yes/P
Orthophosphate	3/3		1.50E-01 - 1.60E-01	7.83E-02			mg/L	Yes/Qual
Potassium	46/220	1.80E-02 - 1.05E+01	4.54E-01 - 2.98E+01	2.41E+00			mg/L	No
Selenium	10/233	1.00E-03 - 1.50E-02	1.70E-03 - 1.60E-02	2.51E-03	7.5E-03		mg/L	Yes/PE
Silica	135/135		9.00E+00 - 7.90E+01	1.57E+01			mg/L	Yes/Qual
Silver	4/65	2.00E-03 - 6.00E-02	3.30E-03 - 4.50E-02	1.90E-02	7.5E-03		mg/L	Yes/P
Sodium	258/259	5.00E+00 - 5.00E+00	5.03E+00 - 2.81E+02	1.01E+02			mg/L	Yes/Qual
Strontium	9/10	1.21E+00 - 1.21E+00	7.46E-01 - 1.64E+00	1.12E+00	9.0E-01		mg/L	Yes/P
Sulfate	30/31	3.00E+01 - 3.00E+01	5.20E+00 - 2.19E+02	8.57E+01			mg/L	Yes/Qual
Sulfide	3/4	1.00E+00 - 1.00E+00	1.20E+00 - 6.40E+01	8.53E+00			mg/L	Yes/Qual
Tetraoxo-sulfate(1-)	200/205	5.00E+00 - 5.00E+00	5.00E+00 - 6.95E+02	8.03E+01			mg/L	Yes/Qual
Thallium	3/139	4.67E-04 - 4.70E-01	7.30E-03 - 9.10E-02	4.36E-02			mg/L	Yes/Qual
Tin	1/6	1.00E-02 - 2.80E-01	2.60E-02 - 2.60E-02	5.25E-02	8.9E-01		mg/L	Yes/Qual
Uranium	77/308	1.00E-03 - 9.20E-02	2.80E-04 - 6.40E-01	1.72E-02	4.5E-03		mg/L	Yes/P
Vanadium	121/143	1.00E-03 - 5.00E-02	1.80E-03 - 7.60E-01	7.12E-02	9.3E-03		mg/L	Yes/P
Zinc	114/194	5.00E-03 - 2.50E-01	2.70E-03 - 1.88E+00	4.02E-02	4.5E-01		mg/L	Yes/P
1,1,1-Trichloroethane	2/186	3.60E-04 - 5.00E+01	3.00E-03 - 1.60E-02	2.24E-01	5.4E-02		mg/L	No
1,1-Dichloroethane	3/188	3.70E-04 - 5.00E+01	1.10E-03 - 1.20E-02	2.23E-01	2.7E-02		mg/L	No
1,1-Dichloroethene	10/205	4.40E-04 - 5.00E+01	1.60E-03 - 2.00E-01	2.17E-01	1.8E-03	9.3E-07	mg/L	Yes/P
1,2-Dichloroethane	1/233	2.70E-04 - 5.00E+01	2.00E-03 - 2.00E-03	1.24E+00	6.7E-04	1.1E-05	mg/L	Yes/P
1,2-Dichloroethene	2/15	1.00E-03 - 5.00E-03	5.00E-03 - 1.40E-02	6.64E-04	1.8E-03		mg/L	Yes/P
2,4-Dichlorophenol	1/10	1.60E-04 - 1.00E-02	4.00E-04 - 4.00E-04	9.05E-03	4.1E-03		mg/L	No

Table 2.12 Summary of data evaluation (continued)

AREA_CODE=n MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
2,4-Dimethylphenol	1/10	1.10E-04 - 1.00E-02	4.40E-03 - 4.40E-03	3.73E-03	3.9E-03		mg/L	Yes/P
2-Butanone	3/42	3.40E-03 - 2.50E+01	4.00E-03 - 7.00E-03	3.70E-03	6.2E-02		mg/L	No
4-Methyl-2-pentanone	1/42	1.10E-03 - 2.50E+01	1.90E-03 - 1.90E-03	5.53E-02	5.1E-03		mg/L	No
4-Methylphenol	1/10	1.80E-04 - 1.00E-02	2.10E-04 - 2.10E-04	9.54E-03	7.3E-03		mg/L	No
Acetone	5/43	1.40E-03 - 2.50E+01	2.00E-03 - 1.50E-02	3.60E-03	2.0E-02		mg/L	No
Benzene	4/269	3.80E-04 - 5.00E+01	1.00E-03 - 7.80E-03	1.64E-01	4.0E-04	3.5E-05	mg/L	Yes/P
Bis(2-ethylhexyl)phthalate	1/10	3.00E-04 - 1.00E-02	1.00E-03 - 1.00E-03	5.80E-03	2.6E-02	3.1E-04	mg/L	Yes/P
Bromodichloromethane	1/233	5.00E-04 - 5.00E+01	9.00E-03 - 9.00E-03	1.33E+00	4.0E-03	8.4E-05	mg/L	Yes/P
Chloroethane	1/46	1.00E-03 - 2.50E+01	8.20E-01 - 8.20E-01	3.11E-02	3.1E-01		mg/L	Yes/P
Chloroform	10/236	4.10E-04 - 5.00E+01	2.00E-03 - 2.40E-02	1.31E+00	2.0E-03	1.5E-05	mg/L	Yes/P
Di-n-butyl phthalate	3/10	1.00E-02 - 1.00E-02	4.40E-04 - 9.80E-04	7.51E-04	1.3E-01		mg/L	Yes/Qual
Dibromochloromethane	1/43	4.30E-04 - 1.30E+01	2.00E-03 - 2.00E-03	6.22E-03	4.0E-03	6.2E-05	mg/L	Yes/P
Dichlorodifluoromethane	3/29	1.00E-03 - 1.30E+01	1.00E-03 - 6.00E-03	1.90E-03	1.3E-02		mg/L	No
Diethyl phthalate	1/10	2.30E-04 - 1.00E-02	8.50E-04 - 8.50E-04	7.17E-03	1.2E+00		mg/L	No
Dimethylbenzene	13/269	1.00E-03 - 1.00E+02	7.20E-03 - 2.80E+00	2.87E-01	4.0E-01		mg/L	Yes/P
Ethane	3/5	3.00E-02 - 3.00E-02	1.28E-01 - 3.03E-01	6.87E-02			mg/L	Yes/Qual
Ethanol	3/28	5.00E-02 - 1.00E+00	7.00E-03 - 2.40E-02	1.88E-02			mg/L	Yes/Qual
Ethylbenzene	15/270	4.40E-04 - 5.00E+01	8.70E-04 - 1.50E+00	1.77E-01	4.5E-02		mg/L	Yes/P
Ethylene	3/5	3.00E-02 - 3.00E-02	2.24E+00 - 3.96E+00	9.18E-01			mg/L	Yes/Qual
Fluorene	1/17	2.20E-04 - 1.00E-02	7.00E-03 - 7.00E-03	3.17E-03	7.4E-03		mg/L	Yes/Qual
Isophorone	1/10	2.20E-04 - 1.00E-02	6.60E-03 - 6.60E-03	3.85E-03	3.0E-01	5.5E-03	mg/L	Yes/P
Methylene chloride	16/42	3.50E-04 - 1.30E+01	1.00E-03 - 1.80E-02	2.99E-03	6.2E-02	3.6E-04	mg/L	Yes/P
Naphthalene	1/17	2.90E-04 - 1.00E-02	4.70E-02 - 4.70E-02	6.35E-03	2.0E-04		mg/L	Yes/P
Phenanthrene	1/17	2.10E-04 - 1.00E-02	5.00E-03 - 5.00E-03	3.11E-03			mg/L	Yes/Qual
Toluene	1/268	4.40E-04 - 5.00E+01	1.80E-02 - 1.80E-02	1.64E-01	2.4E-02		mg/L	No
Trichloroethene	327/623	1.00E-03 - 1.00E-01	1.00E-03 - 3.10E+03	1.57E+01	1.2E-03	1.4E-04	mg/L	Yes/P
Vinyl chloride	34/249	1.00E-03 - 1.00E+02	4.20E-02 - 5.00E+00	5.13E+00		1.7E-06	mg/L	Yes/P
cis-1,2-Dichloroethene	58/218	4.70E-04 - 5.00E+01	6.70E-04 - 4.90E+00	2.72E+00	2.0E-03		mg/L	Yes/P
trans-1,2-Dichloroethene	3/237	4.80E-04 - 5.00E+01	3.40E-03 - 5.00E-01	2.21E+00	4.0E-03		mg/L	Yes/P
Alpha activity	405/489	-1.07E+01 - 1.00E+03	1.00E-01 - 3.49E+02	3.69E+01			pCi/L	Yes/Qual
Americium-241	2/9	-2.60E+00 - 0.00E+00	1.90E-01 - 3.40E-01	2.94E-01		1.2E-01	pCi/L	Yes/P
Beta activity	450/489	-9.00E+00 - 1.00E+03	1.00E+00 - 1.26E+03	5.49E+01			pCi/L	Yes/Qual
Cesium-137	3/13	-1.20E+00 - 1.86E+01	2.00E-01 - 9.00E-01	5.19E-01		1.2E+00	pCi/L	Yes/Qual
Cobalt-60	6/7	-4.00E-01 --4.00E-01	1.00E-01 - 1.40E+00	3.57E-01		2.0E+00	pCi/L	Yes/Qual
Neptunium-237	12/23	-5.00E-01 - 8.00E-02	1.00E-02 - 2.37E+00	3.27E-01		1.3E-01	pCi/L	Yes/P
Plutonium-238	3/4	0.00E+00 - 0.00E+00	8.00E-02 - 1.10E-01	3.63E-02		1.3E-01	pCi/L	No
Plutonium-239	6/20	-2.31E-01 - 9.00E-02	1.00E-02 - 7.60E-01	1.69E-01		1.2E-01	pCi/L	Yes/P
Plutonium-239/240	1/1		2.07E-02 - 2.07E-02	1.04E-02		1.2E-01	pCi/L	No
Radium-226	9/15	-9.00E-01 - 0.00E+00	3.00E-01 - 1.60E+00	6.63E-01		1.3E-01	pCi/L	Yes/P
Radon-222	79/79		1.20E+01 - 2.05E+03	3.24E+02		1.4E+00	pCi/L	Yes/P

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Table 2.12 Summary of data evaluation (continued)

AREA_CODE=n MEDIA=UCRS Groundwater (continued)

Analyte	Frequency of Detection	Nondetected Range	Detected Range	Arithmetic Mean	HI	ELCR	Units	COPC/ Basis
Technetium-99	583/651	-9.40E+00 - 5.53E+02	1.00E+00 - 1.01E+03	1.31E+02		2.8E+01	pCi/L	Yes/P
Thorium-228	2/2		3.40E-01 - 6.40E-01	2.45E-01		1.7E-01	pCi/L	Yes/P
Thorium-230	16/22	-2.68E-01 - 0.00E+00	8.00E-02 - 8.00E-01	1.68E-01		1.0E+00	pCi/L	No
Thorium-232	2/2		1.80E-01 - 4.90E-01	1.68E-01		1.2E+00	pCi/L	No
Uranium-234	14/16	3.00E-01 - 3.00E-01	1.50E-01 - 1.84E+01	2.19E+00		8.7E-01	pCi/L	Yes/P
Uranium-235	6/9	1.52E-02 - 1.72E-02	9.12E-02 - 1.22E+00	2.42E-01		8.2E-01	pCi/L	Yes/P
Uranium-235/236	4/5	-1.88E-01 --1.88E-01	1.00E-02 - 8.00E-02	-1.16E-02		8.2E-01	pCi/L	Yes/Qual
Uranium-238	13/14	2.10E-01 - 2.10E-01	8.00E-02 - 4.19E+01	4.28E+00		6.2E-01	pCi/L	Yes/P