

NOTE: "Sig" is significance, with "Yes" meaning detectable and "No" meaning less than the analytical method detection limit. If the uncertainty (standard deviation) is large, the significance may also be set to "No".

Data Table 5-3 Tritium in Environmental Air
Summary Statistic Section
2014 Radioactivity in Environmental Air for Silica Gel : Units are pCi/CuM

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
Onsite					
Burial Ground North	H-3	N	27	NA	NA
Burial Ground North	H-3	Mean	1.54E+02	1.34E+00	NA
Burial Ground North	H-3	Minimum	5.35E+00	3.46E+00	No
Burial Ground North	H-3	Maximum	4.05E+02	9.17E+00	Yes
Site Perimeter					
Allendale Gate	H-3	N	27	NA	NA
Allendale Gate	H-3	Mean	2.98E+00	6.44E-01	NA
Allendale Gate	H-3	Minimum	-3.76E+00	3.86E+00	No
Allendale Gate	H-3	Maximum	1.46E+01	3.22E+00	Yes
Barnwell Gate	H-3	N	27	NA	NA
Barnwell Gate	H-3	Mean	5.04E+00	6.42E-01	NA
Barnwell Gate	H-3	Minimum	-5.05E+00	4.05E+00	No
Barnwell Gate	H-3	Maximum	1.80E+01	3.23E+00	Yes
D-Area	H-3	N	26	NA	NA
D-Area	H-3	Mean	6.64E+00	7.12E-01	NA
D-Area	H-3	Minimum	-8.65E-01	3.39E+00	No
D-Area	H-3	Maximum	2.23E+01	3.46E+00	Yes
Darkhorse @ Williston Gate	H-3	N	27	NA	NA
Darkhorse @ Williston Gate	H-3	Mean	5.20E+00	6.36E-01	NA
Darkhorse @ Williston Gate	H-3	Minimum	-5.19E+00	4.57E+00	No
Darkhorse @ Williston Gate	H-3	Maximum	2.28E+01	2.74E+00	Yes
East Talatha	H-3	N	27	NA	NA
East Talatha	H-3	Mean	5.19E+00	6.45E-01	NA
East Talatha	H-3	Minimum	-1.94E+00	3.03E+00	No
East Talatha	H-3	Maximum	3.03E+01	2.38E+00	Yes
Green Pond	H-3	N	26	NA	NA
Green Pond	H-3	Mean	5.02E+00	6.61E-01	NA
Green Pond	H-3	Minimum	-1.07E+00	2.19E+00	No
Green Pond	H-3	Maximum	1.88E+01	3.13E+00	Yes
Highway 21/167	H-3	N	27	NA	NA
Highway 21/167	H-3	Mean	3.49E+00	6.68E-01	NA
Highway 21/167	H-3	Minimum	-1.68E+00	2.51E+00	No
Highway 21/167	H-3	Maximum	1.46E+01	2.68E+00	Yes

2014 Radioactivity in Environmental Air for Silica Gel : Units are pCi/CuM

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
Jackson	H-3	N	27	NA	NA
Jackson	H-3	Mean	4.31E+00	6.81E-01	NA
Jackson	H-3	Minimum	-3.05E+00	4.42E+00	No
Jackson	H-3	Maximum	2.54E+01	3.28E+00	Yes
Patterson Mill Road	H-3	N	25	NA	NA
Patterson Mill Road	H-3	Mean	3.80E+00	6.74E-01	NA
Patterson Mill Road	H-3	Minimum	-3.19E+00	1.43E+00	No
Patterson Mill Road	H-3	Maximum	1.74E+01	4.92E+00	Yes
Talatha Gate	H-3	N	27	NA	NA
Talatha Gate	H-3	Mean	4.46E+00	5.82E-01	NA
Talatha Gate	H-3	Minimum	-4.49E+00	1.31E+00	No
Talatha Gate	H-3	Maximum	1.94E+01	3.32E+00	Yes
25-Mile Radius					
Aiken Airport	H-3	N	26	NA	NA
Aiken Airport	H-3	Mean	2.91E+00	6.74E-01	NA
Aiken Airport	H-3	Minimum	-7.65E+00	4.55E+00	No
Aiken Airport	H-3	Maximum	2.21E+01	3.07E+00	Yes
Augusta Lock and Dam 614	H-3	N	27	NA	NA
Augusta Lock and Dam 614	H-3	Mean	2.81E+00	6.35E-01	NA
Augusta Lock and Dam 614	H-3	Minimum	-2.86E+00	2.17E+00	No
Augusta Lock and Dam 614	H-3	Maximum	1.44E+01	5.15E+00	Yes
Highway 301 @ State Line	H-3	N	27	NA	NA
Highway 301 @ State Line	H-3	Mean	3.34E+00	6.78E-01	NA
Highway 301 @ State Line	H-3	Minimum	-3.62E+00	4.47E+00	No
Highway 301 @ State Line	H-3	Maximum	1.42E+01	3.38E+00	Yes

NOTE: "Sig" is significance, with "Yes" meaning detectable and "No" meaning less than the analytical method detection limit. If the uncertainty (standard deviation) is large, the significance may also be set to "No".

Data Table 5-3 Tritium in Environmental Air
Sample Measurement Section
2014 Radioactivity in Environmental Air for Silica Gel: Units are pCi/CuM

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Onsite					
Burial Ground North	H-3	8-Jan-14	8.11E+01	4.18E+00	Yes
Burial Ground North	H-3	22-Jan-14	6.62E+01	3.99E+00	Yes
Burial Ground North	H-3	5-Feb-14	9.35E+01	4.26E+00	Yes
Burial Ground North	H-3	19-Feb-14	9.35E+01	4.54E+00	Yes
Burial Ground North	H-3	5-Mar-14	1.01E+02	5.99E+00	Yes
Burial Ground North	H-3	19-Mar-14	1.09E+02	8.92E+00	Yes
Burial Ground North	H-3	2-Apr-14	1.58E+02	6.88E+00	Yes
Burial Ground North	H-3	15-Apr-14	5.35E+00	3.46E+00	No
Burial Ground North	H-3	30-Apr-14	1.11E+02	6.42E+00	Yes
Burial Ground North	H-3	14-May-14	5.49E+01	5.22E+00	Yes
Burial Ground North	H-3	28-May-14	1.15E+02	6.50E+00	Yes
Burial Ground North	H-3	11-Jun-14	1.29E+02	7.79E+00	Yes
Burial Ground North	H-3	25-Jun-14	4.68E+01	5.23E+00	Yes
Burial Ground North	H-3	9-Jul-14	9.89E+01	6.69E+00	Yes
Burial Ground North	H-3	23-Jul-14	1.56E+02	8.09E+00	Yes
Burial Ground North	H-3	6-Aug-14	1.48E+02	7.44E+00	Yes
Burial Ground North	H-3	20-Aug-14	2.39E+02	9.59E+00	Yes
Burial Ground North	H-3	3-Sep-14	2.29E+02	8.02E+00	Yes
Burial Ground North	H-3	17-Sep-14	2.56E+02	1.02E+01	Yes
Burial Ground North	H-3	1-Oct-14	1.54E+02	7.82E+00	Yes
Burial Ground North	H-3	15-Oct-14	2.16E+02	8.20E+00	Yes
Burial Ground North	H-3	29-Oct-14	2.76E+02	7.31E+00	Yes
Burial Ground North	H-3	12-Nov-14	4.05E+02	9.17E+00	Yes
Burial Ground North	H-3	25-Nov-14	1.64E+02	6.09E+00	Yes
Burial Ground North	H-3	10-Dec-14	2.64E+02	7.83E+00	Yes
Burial Ground North	H-3	23-Dec-14	2.38E+02	6.92E+00	Yes
Burial Ground North	H-3	7-Jan-15	1.62E+02	5.67E+00	Yes
Site Perimeter					
Allendale Gate	H-3	8-Jan-14	-4.05E-01	2.27E+00	No
Allendale Gate	H-3	22-Jan-14	1.57E+00	2.06E+00	No
Allendale Gate	H-3	5-Feb-14	1.02E+00	1.85E+00	No
Allendale Gate	H-3	19-Feb-14	7.14E+00	3.69E+00	No
Allendale Gate	H-3	5-Mar-14	-1.55E-01	3.24E+00	No
Allendale Gate	H-3	19-Mar-14	6.57E+00	3.13E+00	No
Allendale Gate	H-3	2-Apr-14	4.38E+00	3.69E+00	No

2014 Radioactivity in Environmental Air for Silica Gel: Units are pCi/CuM

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Allendale Gate	H-3	15-Apr-14	-3.76E+00	3.86E+00	No
Allendale Gate	H-3	30-Apr-14	2.84E+00	2.78E+00	No
Allendale Gate	H-3	14-May-14	1.06E+00	3.40E+00	No
Allendale Gate	H-3	28-May-14	3.73E-01	3.08E+00	No
Allendale Gate	H-3	11-Jun-14	-7.35E-01	4.25E+00	No
Allendale Gate	H-3	25-Jun-14	3.35E+00	4.44E+00	No
Allendale Gate	H-3	9-Jul-14	1.61E+00	4.17E+00	No
Allendale Gate	H-3	23-Jul-14	1.44E+01	4.77E+00	Yes
Allendale Gate	H-3	6-Aug-14	5.24E+00	3.88E+00	No
Allendale Gate	H-3	20-Aug-14	-2.23E+00	4.60E+00	No
Allendale Gate	H-3	3-Sep-14	2.73E+00	3.23E+00	No
Allendale Gate	H-3	17-Sep-14	-3.46E+00	3.88E+00	No
Allendale Gate	H-3	1-Oct-14	-6.24E-01	3.52E+00	No
Allendale Gate	H-3	15-Oct-14	-2.86E+00	2.64E+00	No
Allendale Gate	H-3	29-Oct-14	-1.92E+00	2.76E+00	No
Allendale Gate	H-3	12-Nov-14	1.12E+01	3.06E+00	Yes
Allendale Gate	H-3	25-Nov-14	1.46E+01	3.22E+00	Yes
Allendale Gate	H-3	10-Dec-14	6.19E+00	2.62E+00	No
Allendale Gate	H-3	23-Dec-14	7.89E+00	1.87E+00	Yes
Allendale Gate	H-3	7-Jan-15	4.57E+00	1.31E+00	Yes
Barnwell Gate	H-3	8-Jan-14	5.05E+00	2.89E+00	No
Barnwell Gate	H-3	22-Jan-14	-4.70E-01	2.00E+00	No
Barnwell Gate	H-3	5-Feb-14	4.30E+00	1.81E+00	No
Barnwell Gate	H-3	19-Feb-14	6.35E-01	2.49E+00	No
Barnwell Gate	H-3	5-Mar-14	4.19E+00	2.99E+00	No
Barnwell Gate	H-3	19-Mar-14	4.43E+00	3.00E+00	No
Barnwell Gate	H-3	2-Apr-14	7.54E+00	3.25E+00	No
Barnwell Gate	H-3	15-Apr-14	7.24E+00	4.09E+00	No
Barnwell Gate	H-3	30-Apr-14	7.78E+00	3.57E+00	No
Barnwell Gate	H-3	14-May-14	4.84E+00	3.85E+00	No
Barnwell Gate	H-3	28-May-14	-2.10E+00	3.54E+00	No
Barnwell Gate	H-3	11-Jun-14	5.84E+00	4.41E+00	No
Barnwell Gate	H-3	25-Jun-14	6.76E+00	3.91E+00	No
Barnwell Gate	H-3	9-Jul-14	8.41E+00	4.24E+00	No
Barnwell Gate	H-3	23-Jul-14	3.51E+00	3.55E+00	No
Barnwell Gate	H-3	6-Aug-14	8.86E+00	4.56E+00	No
Barnwell Gate	H-3	20-Aug-14	6.30E+00	4.26E+00	No
Barnwell Gate	H-3	3-Sep-14	4.05E+00	3.01E+00	No
Barnwell Gate	H-3	17-Sep-14	-5.05E+00	4.05E+00	No
Barnwell Gate	H-3	1-Oct-14	7.59E-01	3.68E+00	No
Barnwell Gate	H-3	15-Oct-14	8.65E-02	2.91E+00	No
Barnwell Gate	H-3	29-Oct-14	4.08E+00	2.90E+00	No
Barnwell Gate	H-3	12-Nov-14	3.65E+00	1.46E+00	No

2014 Radioactivity in Environmental Air for Silica Gel: Units are pCi/CuM

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Barnwell Gate	H-3	25-Nov-14	1.80E+01	3.23E+00	Yes
Barnwell Gate	H-3	10-Dec-14	1.04E+01	2.82E+00	Yes
Barnwell Gate	H-3	23-Dec-14	6.54E+00	2.42E+00	Yes
Barnwell Gate	H-3	7-Jan-15	1.05E+01	2.67E+00	Yes
D-Area	H-3	8-Jan-14	6.78E+00	2.89E+00	No
D-Area	H-3	22-Jan-14	5.35E-06	2.04E+00	No
D-Area	H-3	5-Feb-14	6.14E+00	2.21E+00	Yes
D-Area	H-3	19-Feb-14	1.50E+01	3.92E+00	Yes
D-Area	H-3	5-Mar-14	4.73E+00	2.15E+00	No
D-Area	H-3	19-Mar-14	1.19E+01	3.23E+00	Yes
D-Area	H-3	2-Apr-14	7.49E+00	3.57E+00	No
D-Area	H-3	15-Apr-14	5.46E+00	4.88E+00	No
D-Area	H-3	30-Apr-14	5.65E+00	3.76E+00	No
D-Area	H-3	14-May-14	7.73E-01	3.77E+00	No
D-Area	H-3	28-May-14	6.62E+00	3.93E+00	No
D-Area	H-3	11-Jun-14	6.03E+00	4.67E+00	No
D-Area	H-3	25-Jun-14	1.56E+00	3.31E+00	No
D-Area	H-3	9-Jul-14	4.22E+00	2.29E+00	No
D-Area	H-3	23-Jul-14	1.85E-01	1.24E-01	No
D-Area	H-3	6-Aug-14	5.97E+00	5.68E+00	No
D-Area	H-3	20-Aug-14	4.19E-01	3.92E+00	No
D-Area	H-3	3-Sep-14	9.51E+00	6.83E+00	No
D-Area	H-3	17-Sep-14	2.67E+00	4.27E+00	No
D-Area	H-3	1-Oct-14	1.79E+01	4.15E+00	Yes
D-Area	H-3	15-Oct-14	-8.65E-01	3.39E+00	No
D-Area	H-3	29-Oct-14	2.81E+00	2.53E+00	No
D-Area	H-3	12-Nov-14	2.23E+01	3.46E+00	Yes
D-Area	H-3	25-Nov-14	5.54E+00	3.02E+00	No
D-Area	H-3	23-Dec-14	1.24E+01	2.18E+00	Yes
D-Area	H-3	7-Jan-15	1.13E+01	1.62E+00	Yes
Darkhorse @ Williston Gate	H-3	8-Jan-14	1.98E+00	2.23E+00	No
Darkhorse @ Williston Gate	H-3	22-Jan-14	-2.67E+00	1.70E+00	No
Darkhorse @ Williston Gate	H-3	5-Feb-14	6.00E+00	1.75E+00	Yes
Darkhorse @ Williston Gate	H-3	19-Feb-14	2.28E+01	2.74E+00	Yes
Darkhorse @ Williston Gate	H-3	5-Mar-14	1.95E+00	3.15E+00	No
Darkhorse @ Williston Gate	H-3	19-Mar-14	5.76E+00	3.23E+00	No
Darkhorse @ Williston Gate	H-3	2-Apr-14	4.41E+00	3.11E+00	No
Darkhorse @ Williston Gate	H-3	15-Apr-14	1.99E+00	3.83E+00	No
Darkhorse @ Williston Gate	H-3	30-Apr-14	5.30E+00	3.23E+00	No
Darkhorse @ Williston Gate	H-3	14-May-14	1.67E+00	3.58E+00	No
Darkhorse @ Williston Gate	H-3	28-May-14	8.89E-06	3.32E+00	No
Darkhorse @ Williston Gate	H-3	11-Jun-14	6.73E+00	4.21E+00	No
Darkhorse @ Williston Gate	H-3	25-Jun-14	6.46E+00	3.53E+00	No

2014 Radioactivity in Environmental Air for Silica Gel: Units are pCi/CuM

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Darkhorse @ Williston Gate	H-3	9-Jul-14	-3.78E+00	2.17E+00	No
Darkhorse @ Williston Gate	H-3	23-Jul-14	1.19E+01	3.95E+00	Yes
Darkhorse @ Williston Gate	H-3	6-Aug-14	7.97E+00	4.04E+00	No
Darkhorse @ Williston Gate	H-3	20-Aug-14	5.35E+00	4.12E+00	No
Darkhorse @ Williston Gate	H-3	3-Sep-14	3.35E+00	2.69E+00	No
Darkhorse @ Williston Gate	H-3	17-Sep-14	-5.19E+00	4.57E+00	No
Darkhorse @ Williston Gate	H-3	1-Oct-14	3.84E+00	4.52E+00	No
Darkhorse @ Williston Gate	H-3	15-Oct-14	-3.00E+00	3.70E+00	No
Darkhorse @ Williston Gate	H-3	29-Oct-14	5.22E+00	2.96E+00	No
Darkhorse @ Williston Gate	H-3	12-Nov-14	1.45E+01	3.15E+00	Yes
Darkhorse @ Williston Gate	H-3	25-Nov-14	7.95E+00	2.67E+00	Yes
Darkhorse @ Williston Gate	H-3	10-Dec-14	2.14E+01	3.62E+00	Yes
Darkhorse @ Williston Gate	H-3	23-Dec-14	3.70E-01	2.42E+00	No
Darkhorse @ Williston Gate	H-3	7-Jan-15	8.19E+00	2.62E+00	Yes
East Talatha	H-3	8-Jan-14	1.92E+00	2.42E+00	No
East Talatha	H-3	22-Jan-14	-1.00E+00	2.19E+00	No
East Talatha	H-3	5-Feb-14	2.01E+00	1.86E+00	No
East Talatha	H-3	19-Feb-14	1.14E+01	5.62E+00	No
East Talatha	H-3	5-Mar-14	5.97E+00	3.27E+00	No
East Talatha	H-3	19-Mar-14	4.03E+00	2.87E+00	No
East Talatha	H-3	2-Apr-14	4.14E+00	3.01E+00	No
East Talatha	H-3	15-Apr-14	3.03E+01	2.38E+00	Yes
East Talatha	H-3	30-Apr-14	9.35E+00	3.19E+00	Yes
East Talatha	H-3	14-May-14	6.54E+00	3.91E+00	No
East Talatha	H-3	28-May-14	-1.94E+00	3.03E+00	No
East Talatha	H-3	11-Jun-14	8.49E+00	4.74E+00	No
East Talatha	H-3	25-Jun-14	2.03E+00	3.31E+00	No
East Talatha	H-3	9-Jul-14	1.82E+00	4.20E+00	No
East Talatha	H-3	23-Jul-14	2.19E+00	3.78E+00	No
East Talatha	H-3	6-Aug-14	1.78E-01	3.80E+00	No
East Talatha	H-3	20-Aug-14	7.51E-01	3.80E+00	No
East Talatha	H-3	3-Sep-14	6.27E+00	3.61E+00	No
East Talatha	H-3	17-Sep-14	-5.54E-01	4.13E+00	No
East Talatha	H-3	1-Oct-14	3.05E+00	3.72E+00	No
East Talatha	H-3	15-Oct-14	-1.42E-01	3.19E+00	No
East Talatha	H-3	29-Oct-14	2.44E+00	2.73E+00	No
East Talatha	H-3	12-Nov-14	1.20E+00	2.82E+00	No
East Talatha	H-3	25-Nov-14	5.30E+00	1.57E+00	Yes
East Talatha	H-3	10-Dec-14	1.17E+01	3.00E+00	Yes
East Talatha	H-3	23-Dec-14	9.65E+00	2.65E+00	Yes
East Talatha	H-3	7-Jan-15	1.31E+01	2.73E+00	Yes
Green Pond	H-3	8-Jan-14	3.46E+00	2.48E+00	No
Green Pond	H-3	22-Jan-14	-1.07E+00	2.19E+00	No

2014 Radioactivity in Environmental Air for Silica Gel: Units are pCi/CuM

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Green Pond	H-3	5-Feb-14	3.05E+00	1.97E+00	No
Green Pond	H-3	19-Feb-14	3.57E+00	3.73E+00	No
Green Pond	H-3	5-Mar-14	1.44E+00	3.17E+00	No
Green Pond	H-3	19-Mar-14	2.11E+00	2.61E+00	No
Green Pond	H-3	2-Apr-14	1.07E+01	3.49E+00	Yes
Green Pond	H-3	15-Apr-14	1.60E+00	3.82E+00	No
Green Pond	H-3	30-Apr-14	2.86E+00	3.03E+00	No
Green Pond	H-3	14-May-14	2.81E+00	3.66E+00	No
Green Pond	H-3	28-May-14	6.89E+00	3.27E+00	No
Green Pond	H-3	11-Jun-14	4.03E-01	4.32E+00	No
Green Pond	H-3	25-Jun-14	9.84E+00	3.80E+00	No
Green Pond	H-3	9-Jul-14	5.97E+00	4.26E+00	No
Green Pond	H-3	23-Jul-14	7.59E+00	3.75E+00	No
Green Pond	H-3	6-Aug-14	6.65E+00	4.04E+00	No
Green Pond	H-3	20-Aug-14	9.35E-02	3.05E+00	No
Green Pond	H-3	3-Sep-14	1.29E+01	3.70E+00	Yes
Green Pond	H-3	17-Sep-14	4.27E-01	4.11E+00	No
Green Pond	H-3	1-Oct-14	2.31E+00	3.52E+00	No
Green Pond	H-3	15-Oct-14	-1.01E+00	3.34E+00	No
Green Pond	H-3	12-Nov-14	1.88E+01	3.13E+00	Yes
Green Pond	H-3	25-Nov-14	6.05E+00	2.70E+00	No
Green Pond	H-3	10-Dec-14	8.89E+00	3.98E+00	No
Green Pond	H-3	23-Dec-14	7.03E+00	2.50E+00	Yes
Green Pond	H-3	7-Jan-15	7.08E+00	2.39E+00	Yes
Highway 21/167	H-3	8-Jan-14	-1.68E+00	2.51E+00	No
Highway 21/167	H-3	22-Jan-14	-2.41E-01	2.35E+00	No
Highway 21/167	H-3	5-Feb-14	4.76E+00	2.17E+00	No
Highway 21/167	H-3	19-Feb-14	-3.41E-01	4.22E+00	No
Highway 21/167	H-3	5-Mar-14	1.16E+00	3.23E+00	No
Highway 21/167	H-3	19-Mar-14	6.89E+00	3.01E+00	No
Highway 21/167	H-3	2-Apr-14	3.41E+00	3.02E+00	No
Highway 21/167	H-3	15-Apr-14	3.95E-01	3.72E+00	No
Highway 21/167	H-3	30-Apr-14	6.89E+00	3.20E+00	No
Highway 21/167	H-3	14-May-14	2.23E+00	3.52E+00	No
Highway 21/167	H-3	28-May-14	-9.51E-02	3.12E+00	No
Highway 21/167	H-3	11-Jun-14	2.58E-01	4.14E+00	No
Highway 21/167	H-3	25-Jun-14	1.70E+00	3.73E+00	No
Highway 21/167	H-3	9-Jul-14	3.81E+00	4.25E+00	No
Highway 21/167	H-3	23-Jul-14	2.54E+00	3.76E+00	No
Highway 21/167	H-3	6-Aug-14	5.11E+00	4.42E+00	No
Highway 21/167	H-3	20-Aug-14	5.00E+00	4.37E+00	No
Highway 21/167	H-3	3-Sep-14	5.70E+00	4.05E+00	No
Highway 21/167	H-3	17-Sep-14	-9.92E-01	4.73E+00	No

2014 Radioactivity in Environmental Air for Silica Gel: Units are pCi/CuM

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Highway 21/167	H-3	1-Oct-14	-1.83E-01	3.80E+00	No
Highway 21/167	H-3	15-Oct-14	2.65E+00	3.47E+00	No
Highway 21/167	H-3	29-Oct-14	2.41E+00	2.65E+00	No
Highway 21/167	H-3	12-Nov-14	6.92E+00	3.23E+00	No
Highway 21/167	H-3	25-Nov-14	2.30E+00	2.61E+00	No
Highway 21/167	H-3	10-Dec-14	8.97E+00	3.32E+00	Yes
Highway 21/167	H-3	23-Dec-14	1.46E+01	2.68E+00	Yes
Highway 21/167	H-3	7-Jan-15	1.02E+01	2.60E+00	Yes
Jackson	H-3	8-Jan-14	2.01E+00	2.59E+00	No
Jackson	H-3	22-Jan-14	-2.39E+00	2.25E+00	No
Jackson	H-3	5-Feb-14	4.62E+00	2.09E+00	No
Jackson	H-3	19-Feb-14	1.43E+00	2.45E+00	No
Jackson	H-3	5-Mar-14	3.16E+00	3.15E+00	No
Jackson	H-3	19-Mar-14	6.86E-01	2.54E+00	No
Jackson	H-3	2-Apr-14	3.70E+00	7.17E+00	No
Jackson	H-3	15-Apr-14	-4.22E-01	3.46E+00	No
Jackson	H-3	30-Apr-14	1.69E+00	3.28E+00	No
Jackson	H-3	14-May-14	4.30E+00	3.87E+00	No
Jackson	H-3	28-May-14	1.39E+00	3.31E+00	No
Jackson	H-3	11-Jun-14	9.41E+00	4.69E+00	No
Jackson	H-3	25-Jun-14	6.30E+00	3.59E+00	No
Jackson	H-3	9-Jul-14	2.28E+00	2.69E+00	No
Jackson	H-3	23-Jul-14	1.97E+00	3.84E+00	No
Jackson	H-3	6-Aug-14	-1.51E+00	3.80E+00	No
Jackson	H-3	20-Aug-14	-3.05E+00	4.42E+00	No
Jackson	H-3	3-Sep-14	4.41E+00	3.88E+00	No
Jackson	H-3	17-Sep-14	2.20E+00	4.56E+00	No
Jackson	H-3	1-Oct-14	6.14E+00	4.00E+00	No
Jackson	H-3	15-Oct-14	3.22E-01	3.09E+00	No
Jackson	H-3	29-Oct-14	2.55E+00	2.45E+00	No
Jackson	H-3	12-Nov-14	4.70E+00	2.82E+00	No
Jackson	H-3	25-Nov-14	2.31E+01	3.33E+00	Yes
Jackson	H-3	10-Dec-14	2.54E+01	3.28E+00	Yes
Jackson	H-3	23-Dec-14	2.68E+00	2.45E+00	No
Jackson	H-3	7-Jan-15	9.43E+00	2.37E+00	Yes
Patterson Mill Road	H-3	8-Jan-14	4.16E+00	2.66E+00	No
Patterson Mill Road	H-3	22-Jan-14	-3.05E+00	2.29E+00	No
Patterson Mill Road	H-3	5-Feb-14	3.54E+00	1.95E+00	No
Patterson Mill Road	H-3	12-Feb-14	1.74E+01	4.92E+00	Yes
Patterson Mill Road	H-3	2-Apr-14	6.70E+00	4.14E+00	No
Patterson Mill Road	H-3	15-Apr-14	-2.38E+00	3.39E+00	No
Patterson Mill Road	H-3	30-Apr-14	2.26E+00	2.89E+00	No
Patterson Mill Road	H-3	14-May-14	1.09E-01	3.43E+00	No

2014 Radioactivity in Environmental Air for Silica Gel: Units are pCi/CuM

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Patterson Mill Road	H-3	28-May-14	3.24E+00	2.55E+00	No
Patterson Mill Road	H-3	11-Jun-14	3.78E+00	4.05E+00	No
Patterson Mill Road	H-3	25-Jun-14	-3.19E+00	1.43E+00	No
Patterson Mill Road	H-3	9-Jul-14	3.49E-01	3.60E+00	No
Patterson Mill Road	H-3	23-Jul-14	-1.03E+00	3.75E+00	No
Patterson Mill Road	H-3	6-Aug-14	-6.73E-01	3.57E+00	No
Patterson Mill Road	H-3	20-Aug-14	-8.97E-01	3.63E+00	No
Patterson Mill Road	H-3	3-Sep-14	8.14E+00	3.62E+00	No
Patterson Mill Road	H-3	17-Sep-14	-1.62E+00	5.11E+00	No
Patterson Mill Road	H-3	1-Oct-14	3.14E+00	3.74E+00	No
Patterson Mill Road	H-3	15-Oct-14	-2.92E-01	3.93E+00	No
Patterson Mill Road	H-3	29-Oct-14	6.32E+00	2.90E+00	No
Patterson Mill Road	H-3	12-Nov-14	7.30E+00	3.07E+00	No
Patterson Mill Road	H-3	25-Nov-14	4.03E+00	2.65E+00	No
Patterson Mill Road	H-3	10-Dec-14	1.45E+01	2.94E+00	Yes
Patterson Mill Road	H-3	23-Dec-14	1.28E+01	2.86E+00	Yes
Patterson Mill Road	H-3	7-Jan-15	1.03E+01	2.59E+00	Yes
Talatha Gate	H-3	8-Jan-14	2.28E+00	2.48E+00	No
Talatha Gate	H-3	22-Jan-14	-5.11E-01	2.32E+00	No
Talatha Gate	H-3	5-Feb-14	6.65E+00	2.11E+00	Yes
Talatha Gate	H-3	19-Feb-14	-4.49E+00	1.31E+00	No
Talatha Gate	H-3	5-Mar-14	4.62E+00	3.43E+00	No
Talatha Gate	H-3	19-Mar-14	3.73E+00	2.70E+00	No
Talatha Gate	H-3	2-Apr-14	5.30E-01	2.57E+00	No
Talatha Gate	H-3	15-Apr-14	3.38E+00	3.21E+00	No
Talatha Gate	H-3	30-Apr-14	8.84E+00	2.67E+00	Yes
Talatha Gate	H-3	14-May-14	5.84E+00	3.30E+00	No
Talatha Gate	H-3	28-May-14	2.62E+00	2.92E+00	No
Talatha Gate	H-3	11-Jun-14	1.22E+01	4.77E+00	No
Talatha Gate	H-3	25-Jun-14	3.54E+00	3.42E+00	No
Talatha Gate	H-3	9-Jul-14	7.03E+00	3.60E+00	No
Talatha Gate	H-3	23-Jul-14	7.97E+00	3.11E+00	No
Talatha Gate	H-3	6-Aug-14	-5.62E-01	3.57E+00	No
Talatha Gate	H-3	20-Aug-14	-5.03E-01	3.63E+00	No
Talatha Gate	H-3	3-Sep-14	6.43E+00	3.23E+00	No
Talatha Gate	H-3	17-Sep-14	6.78E-01	3.54E+00	No
Talatha Gate	H-3	1-Oct-14	-1.16E+00	3.57E+00	No
Talatha Gate	H-3	15-Oct-14	9.78E+00	3.19E+00	Yes
Talatha Gate	H-3	29-Oct-14	5.08E+00	2.41E+00	No
Talatha Gate	H-3	12-Nov-14	5.19E+00	2.61E+00	No
Talatha Gate	H-3	25-Nov-14	1.16E-01	1.92E+00	No
Talatha Gate	H-3	10-Dec-14	1.94E+01	3.32E+00	Yes
Talatha Gate	H-3	23-Dec-14	-1.47E+00	2.04E+00	No

2014 Radioactivity in Environmental Air for Silica Gel: Units are pCi/CuM

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Talatha Gate	H-3	7-Jan-15	1.33E+01	2.47E+00	Yes
25-Mile Radius					
Aiken Airport	H-3	23-Jan-14	2.21E+01	3.07E+00	Yes
Aiken Airport	H-3	6-Feb-14	3.57E+00	1.96E+00	No
Aiken Airport	H-3	20-Feb-14	6.92E+00	3.13E+00	No
Aiken Airport	H-3	6-Mar-14	1.91E+00	3.17E+00	No
Aiken Airport	H-3	20-Mar-14	5.05E+00	3.94E+00	No
Aiken Airport	H-3	3-Apr-14	-2.50E-01	2.60E+00	No
Aiken Airport	H-3	15-Apr-14	5.32E-02	3.51E+00	No
Aiken Airport	H-3	1-May-14	4.16E+00	3.39E+00	No
Aiken Airport	H-3	15-May-14	7.84E+00	4.41E+00	No
Aiken Airport	H-3	29-May-14	2.58E+00	3.55E+00	No
Aiken Airport	H-3	12-Jun-14	-4.30E+00	4.42E+00	No
Aiken Airport	H-3	26-Jun-14	8.00E+00	4.18E+00	No
Aiken Airport	H-3	10-Jul-14	2.07E+00	2.01E+00	No
Aiken Airport	H-3	24-Jul-14	3.89E+00	4.00E+00	No
Aiken Airport	H-3	7-Aug-14	4.78E+00	4.05E+00	No
Aiken Airport	H-3	21-Aug-14	-7.65E+00	4.55E+00	No
Aiken Airport	H-3	4-Sep-14	2.86E+00	3.60E+00	No
Aiken Airport	H-3	18-Sep-14	-5.81E+00	4.27E+00	No
Aiken Airport	H-3	2-Oct-14	-8.35E-01	3.44E+00	No
Aiken Airport	H-3	16-Oct-14	1.46E+00	3.58E+00	No
Aiken Airport	H-3	30-Oct-14	-2.11E+00	3.03E+00	No
Aiken Airport	H-3	13-Nov-14	2.64E+00	3.07E+00	No
Aiken Airport	H-3	24-Nov-14	1.75E-01	2.90E+00	No
Aiken Airport	H-3	11-Dec-14	1.45E+01	2.77E+00	Yes
Aiken Airport	H-3	22-Dec-14	-2.78E+00	2.55E+00	No
Aiken Airport	H-3	8-Jan-15	4.78E+00	2.18E+00	No
Augusta Lock and Dam 614	H-3	9-Jan-14	-1.90E+00	2.22E+00	No
Augusta Lock and Dam 614	H-3	23-Jan-14	2.25E+00	2.28E+00	No
Augusta Lock and Dam 614	H-3	6-Feb-14	-2.60E-01	1.67E+00	No
Augusta Lock and Dam 614	H-3	20-Feb-14	9.49E+00	3.39E+00	Yes
Augusta Lock and Dam 614	H-3	6-Mar-14	1.54E+00	3.09E+00	No
Augusta Lock and Dam 614	H-3	20-Mar-14	1.11E+00	3.31E+00	No
Augusta Lock and Dam 614	H-3	3-Apr-14	-2.86E+00	2.17E+00	No
Augusta Lock and Dam 614	H-3	15-Apr-14	2.89E+00	3.91E+00	No
Augusta Lock and Dam 614	H-3	1-May-14	2.04E+00	3.00E+00	No
Augusta Lock and Dam 614	H-3	15-May-14	2.34E+00	3.23E+00	No
Augusta Lock and Dam 614	H-3	29-May-14	3.65E+00	2.97E+00	No
Augusta Lock and Dam 614	H-3	12-Jun-14	1.44E+01	5.15E+00	Yes
Augusta Lock and Dam 614	H-3	26-Jun-14	7.38E+00	4.47E+00	No
Augusta Lock and Dam 614	H-3	10-Jul-14	1.17E+00	3.17E+00	No

2014 Radioactivity in Environmental Air for Silica Gel: Units are pCi/CuM

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Augusta Lock and Dam 614	H-3	24-Jul-14	4.92E+00	4.02E+00	No
Augusta Lock and Dam 614	H-3	7-Aug-14	3.14E+00	3.82E+00	No
Augusta Lock and Dam 614	H-3	21-Aug-14	1.20E+00	3.96E+00	No
Augusta Lock and Dam 614	H-3	4-Sep-14	4.51E+00	3.66E+00	No
Augusta Lock and Dam 614	H-3	18-Sep-14	2.40E+00	4.57E+00	No
Augusta Lock and Dam 614	H-3	2-Oct-14	3.65E+00	3.54E+00	No
Augusta Lock and Dam 614	H-3	16-Oct-14	-2.52E+00	3.36E+00	No
Augusta Lock and Dam 614	H-3	30-Oct-14	-1.69E-01	2.91E+00	No
Augusta Lock and Dam 614	H-3	13-Nov-14	2.92E+00	2.23E+00	No
Augusta Lock and Dam 614	H-3	24-Nov-14	3.38E+00	2.85E+00	No
Augusta Lock and Dam 614	H-3	11-Dec-14	1.53E+00	2.21E+00	No
Augusta Lock and Dam 614	H-3	22-Dec-14	-7.08E-01	2.63E+00	No
Augusta Lock and Dam 614	H-3	8-Jan-15	8.46E+00	2.49E+00	Yes
Highway 301 @ State Line	H-3	9-Jan-14	-1.93E+00	2.44E+00	No
Highway 301 @ State Line	H-3	23-Jan-14	-2.89E+00	2.69E+00	No
Highway 301 @ State Line	H-3	6-Feb-14	5.14E+00	2.53E+00	No
Highway 301 @ State Line	H-3	20-Feb-14	1.07E+01	4.07E+00	No
Highway 301 @ State Line	H-3	6-Mar-14	-7.16E-01	3.45E+00	No
Highway 301 @ State Line	H-3	20-Mar-14	4.65E+00	3.76E+00	No
Highway 301 @ State Line	H-3	3-Apr-14	5.22E+00	3.68E+00	No
Highway 301 @ State Line	H-3	15-Apr-14	7.41E-01	4.47E+00	No
Highway 301 @ State Line	H-3	1-May-14	2.50E+00	3.38E+00	No
Highway 301 @ State Line	H-3	15-May-14	4.00E+00	3.81E+00	No
Highway 301 @ State Line	H-3	29-May-14	4.43E+00	3.27E+00	No
Highway 301 @ State Line	H-3	12-Jun-14	7.62E+00	2.80E+00	Yes
Highway 301 @ State Line	H-3	26-Jun-14	-3.35E-01	4.05E+00	No
Highway 301 @ State Line	H-3	10-Jul-14	2.78E+00	4.07E+00	No
Highway 301 @ State Line	H-3	24-Jul-14	5.92E+00	4.55E+00	No
Highway 301 @ State Line	H-3	7-Aug-14	2.53E+00	3.40E+00	No
Highway 301 @ State Line	H-3	21-Aug-14	-1.85E+00	4.39E+00	No
Highway 301 @ State Line	H-3	4-Sep-14	5.54E+00	3.42E+00	No
Highway 301 @ State Line	H-3	18-Sep-14	-3.62E+00	4.47E+00	No
Highway 301 @ State Line	H-3	2-Oct-14	1.87E+00	3.96E+00	No
Highway 301 @ State Line	H-3	16-Oct-14	-2.86E+00	3.45E+00	No
Highway 301 @ State Line	H-3	30-Oct-14	-4.27E-01	2.67E+00	No
Highway 301 @ State Line	H-3	13-Nov-14	3.22E+00	3.05E+00	No
Highway 301 @ State Line	H-3	24-Nov-14	1.42E+01	3.38E+00	Yes
Highway 301 @ State Line	H-3	11-Dec-14	1.35E+01	3.22E+00	Yes
Highway 301 @ State Line	H-3	22-Dec-14	-1.52E-01	2.72E+00	No
Highway 301 @ State Line	H-3	8-Jan-15	1.04E+01	2.28E+00	Yes