Appendix C

2001 Individual Sample Results

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters

STATION NUMBER 02

Collection Start Date	Collection Stop Date	Volume M^3	Gross Beta Activity (pCi/Cu.M.)
0103	0110	290	0.025+-0.004
0110	0118	290	0.033+-0.003
0118	0125	290	0.036+-0.004
0125	0131	250	0.027+-0.004
0131	0207	310	0.026+-0.003
0207	0214	310	0.019+-0.003
0214	0221	300	0.046+-0.004
0221	0228	300	0.023+-0.003
0228	0307	310	0.030+-0.004
0307	0314	300	0.026+-0.003
0314	0322	340	0.020+-0.003
0322	0329	310	0.023+-0.003
0329	0405	290	0.020+-0.003
0405	0411	270	0.029+-0.004
0411	0418	300	0.022+-0.004
0418	0424	260	0.028+-0.004
0424	0502	350	0.032+-0.003
0502	0508	270	0.018+-0.004
0508*	0516	330	0.028+-0.003
0508	0516	330	0.027+-0.003
0516	0522	260	0.023+-0.004
0522	0531	400	0.016+-0.003
0531	0607	310	0.015+-0.003
0607	0613	240	0.028+-0.004
0613	0621	340	0.024+-0.003

*** Duplicate**

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters

STATION NUMBER 02

Collection Start Date	Collection Stop Date	Volume M^3	Gross Beta Activity (pCi/Cu.M.)
0621	0627	280	0.036+-0.004
0627	0702	230	0.034+-0.005
0702	0711	390	0.025+-0.003
0711	0718	310	0.028+-0.004
0718	0725	310	0.039+-0.004
0725	0801	310	0.024+-0.004
0801	0808	310	0.035+-0.004
0808	0815	320	0.030+-0.004
0815	0822	310	0.029+-0.004
0822	0829	320	0.032+-0.004
0829	0905	310	0.031+-0.004
0905	0914	390	0.030+-0.003
0914	0919	220	0.033+-0.004
0919	0926	300	0.029+-0.004
0926	1003	300	0.030+-0.003
1003	1010	300	0.030+-0.003
1003*	1010	300	0.030+-0.003
1010	1017	310	0.024+-0.003
1017	1024	320	0.038+-0.004
1024	1031	320	0.028+-0.004
1031	1107	320	0.027+-0.003
1107	1114	320	0.055+-0.004
1114	1121	330	0.043+-0.004
1121	1128	330	0.025+-0.003
1128	1205	310	0.036+-0.004

*** Duplicate**

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters

STATION NUMBER 02

Collection Start Date	Collection Stop Date	Volume M^3	Gross Beta Activity (pCi/Cu.M.)
1205	1212	310	0.035+-0.004
1205*	1212	310	0.034+-0.004
1212	1219	320	0.042+-0.004
1219	1226	340	0.026+-0.003
122601	010202	330	0.026+-0.003

*** Duplicate**

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters

STATION NUMBER 18

Collection Start Date	Collection Stop Date	Volume M^3	Gross Beta Activity (pCi/Cu.M.)
0103	0110	290	0.025+-0.004
0110	0118	290	0.037+-0.004
0118*	0125	290	0.035+-0.004
0118	0125	290	0.038+-0.004
0125*	0131	250	0.026+-0.004
0125	0131	250	0.025+-0.003
0131	0207	290	0.025+-0.003
0207	0214	280	0.017+-0.003
0214	0221	280	0.039+-0.004
0221	0228	290	0.024+-0.003
0228	0307	290	0.028+-0.004
0307	0314	290	0.027+-0.003
0314	0322	320	0.017+-0.003
0322	0329	320	0.023+-0.003
0329	0405	290	0.023+-0.003
0329*	0405	290	0.023+-0.003
0405	0411	250	0.025+-0.004
0411	0418	260	0.022+-0.004
0418	0424	260	0.022+-0.004
0424	0502	350	0.033+-0.003
0502	0508	270	0.018+-0.004
0508	0516	340	0.028+-0.003
0516	0522	260	0.018+-0.003
0522	0531	400	0.015+-0.003
0531	0607	320	0.012+-0.002

*** Duplicate**

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters

STATION NUMBER 18

Collection Start Date	Collection Stop Date	Volume M^3	Gross Beta Activity (pCi/Cu.M.)
0607	0613	240	0.027+-0.004
0613	0621	340	0.023+-0.003
0621	0627	280	0.033+-0.004
0627	0702	230	0.030+-0.005
0702	0711	390	0.024+-0.003
0711	0718	310	0.026+-0.004
0718	0725	320	0.033+-0.003
0725	0801	300	0.019+-0.003
0801	0808	290	0.036+-0.004
0808	0815	300	0.025+-0.004
0815	0822	290	0.028+-0.004
0822	0829	290	0.029+-0.004
0829	0905	290	0.029+-0.004
0905	0914	380	0.029+-0.003
0914	0919	210	0.040+-0.005
0919	0926	300	0.025+-0.004
0926	1003	300	0.032+-0.003
1003	1010	290	0.031+-0.004
1010	1017	300	0.023+-0.003
1010*	1017	300	0.022+-0.003
1017	1024	310	0.031+-0.004
1024	1031	300	0.023+-0.003
1031	1107	310	0.028+-0.004
1107	1114	290	0.053+-0.004
1114	1121	300	0.043+-0.004

*** Duplicate**

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters

STATION NUMBER 18

Collection Start Date	Collection Stop Date	Volume M^3	Gross Beta Activity (pCi/Cu.M.)
1121	1128	300	0.028+-0.004
1128	1205	300	0.030+-0.004
1205	1212	300	0.038+-0.004
1212	1219	310	0.039+-0.004
1219	1226	300	0.023+-0.003
122601	010202	300	0.030+-0.004

*** Duplicate**

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters

STATION NUMBER 32

Collection Start Date	Collection Stop Date	Volume M^3	Gross Beta Activity (pCi/Cu.M.)
0103	0110	290	0.024+-0.004
0110	0118	290	0.043+-0.004
0118	0125	290	0.042+-0.004
0125	0131	250	0.027+-0.004
0131	0207	300	0.025+-0.003
0207	0214	290	0.018+-0.003
0214	0221	290	0.046+-0.004
0221	0228	290	0.022+-0.003
0228	0307	290	0.028+-0.004
0307	0314	290	0.024+-0.003
0314	0322	320	0.017+-0.003
0322	0329	300	0.022+-0.003
0329	0405	290	0.021+-0.003
0405	0411	260	0.025+-0.004
0411	0418	240	0.028+-0.004
0418	0424	260	0.023+-0.004
0424	0502	350	0.032+-0.003
0502	0508	270	0.021+-0.004
0508	0516	340	0.028+-0.003
0516	0522	260	0.023+-0.004
0522	0531	400	0.018+-0.003
0531	0607	330	0.014+-0.002
0607	0613	220	0.037+-0.005
0613	0621	340	0.025+-0.003
0621	0627	270	0.032+-0.004

*** Duplicate**

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters

STATION NUMBER 32

Collection Start Date	Collection Stop Date	Volume M^3	Gross Beta Activity (pCi/Cu.M.)
0627	0702	230	0.029+-0.005
0702	0711	390	0.027+-0.003
0711*	0718	300	0.026+-0.004
0711	0718	300	0.030+-0.004
0718	0725	310	0.039+-0.004
0725	0801	310	0.023+-0.003
0801	0808	300	0.038+-0.004
0808	0815	310	0.034+-0.004
0815	0822	300	0.030+-0.004
0822	0829	300	0.031+-0.004
0829	0905	300	0.029+-0.004
0905	0914	390	0.028+-0.003
0914	0919	220	0.036+-0.004
0919	0926	310	0.028+-0.004
0926	1003	300	0.029+-0.003
0926*	1003	300	0.029+-0.004
1003	1010	300	0.029+-0.003
1010	1017	300	0.024+-0.003
1017	1024	300	0.034+-0.004
1024	1031	310	0.024+-0.003
1031	1107	310	0.031+-0.004
1107	1114	300	0.051+-0.004
1114	1121	300	0.038+-0.004
1121	1128	300	0.026+-0.004
1128	1205	290	0.028+-0.004

*** Duplicate**

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters

STATION NUMBER 32

Collection Start Date	Collection Stop Date	Volume M^3	Gross Beta Activity (pCi/Cu.M.)
1205	1212	300	0.031+-0.004
1212	1219	310	0.037+-0.004
1219	1226	310	0.023+-0.003
122601	010202	300	0.032+-0.004

*** Duplicate**

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters

STATION NUMBER 37

Collection Start Date	Collection Stop Date	Volume M^3	Gross Beta Activity (pCi/Cu.M.)
0103	0110	280	0.024+-0.004
0110	0118	300	0.044+-0.004
0118	0125	300	0.044+-0.004
0125	0131	260	0.027+-0.003
0131	0207	310	0.026+-0.003
0207	0214	310	0.020+-0.003
0214	0221	310	0.046+-0.004
0221	0228	300	0.024+-0.003
0228	0307	300	0.035+-0.004
0307	0314	310	0.027+-0.003
0314	0322	330	0.018+-0.003
0322	0329	310	0.026+-0.003
0329	0405	300	0.020+-0.003
0405	0411	270	0.025+-0.003
0411	0418	290	0.023+-0.003
0418	0424	260	0.020+-0.004
0424	0502	340	0.033+-0.003
0502	0508	270	0.014+-0.003
0508	0516	270	0.035+-0.004
0516	0522	260	0.025+-0.004
0522	0531	390	0.015+-0.003
0531	0607	310	0.012+-0.003
0607	0613	250	0.027+-0.004
0613	0621	340	0.024+-0.003
0621	0627	260	0.032+-0.004

*** Duplicate**

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters

STATION NUMBER 37

Collection Start Date	Collection Stop Date	Volume M^3	Gross Beta Activity (pCi/Cu.M.)
0627	0702	220	0.032+-0.005
0702	0711	390	0.022+-0.003
0711	0718	300	0.024+-0.004
0718	0725	300	0.035+-0.004
0725	0801	290	0.021+-0.004
0725*	0801	290	0.024+-0.004
0801	0808	300	0.035+-0.004
0808	0815	310	0.029+-0.004
0815	0822	300	0.033+-0.004
0822	0829	320	0.032+-0.004
0829	0905	320	0.030+-0.004
0905	0914	410	0.030+-0.003
0914	0919	230	0.038+-0.004
0919	0926	310	0.028+-0.004
0926	1003	300	0.031+-0.003
1003	1010	300	0.029+-0.003
1010	1017	300	0.025+-0.003
1017	1024	300	0.042+-0.004
1024	1031	300	0.025+-0.004
1024*	1031	300	0.028+-0.004
1031	1107	300	0.029+-0.004
1107	1114	300	0.053+-0.004
1114	1121	310	0.044+-0.004
1121	1128	300	0.025+-0.004
1128	1205	300	0.032+-0.004

*** Duplicate**

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters

STATION NUMBER 37

Collection Start Date	Collection Stop Date	Volume M^3	Gross Beta Activity (pCi/Cu.M.)
1205	1212	300	0.033+-0.004
1212	1219	310	0.040+-0.004
1219	1226	310	0.029+-0.003
122601	010202	310	0.033+-0.004

*** Duplicate**

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters

STATION NUMBER 40

Collection Start Date	Collection Stop Date	Volume M^3	Gross Beta Activity (pCi/Cu.M.)
0103	0110	300	0.022+-0.004
0110	0118	290	0.035+-0.004
0118	0125	290	0.035+-0.004
0125	0131	250	0.021+-0.003
0131	0207	300	0.022+-0.003
0207	0214	290	0.017+-0.003
0214*	0221	290	0.041+-0.004
0214	0221	290	0.040+-0.004
0221	0228	290	0.023+-0.003
0228	0307	290	0.028+-0.004
0307	0314	290	0.023+-0.003
0314	0322	320	0.015+-0.003
0322	0329	310	0.025+-0.003
0329	0405	300	0.022+-0.003
0405	0411	260	0.027+-0.004
0411	0418	290	0.022+-0.004
0418	0424	260	0.022+-0.004
0424	0502	350	0.027+-0.003
0502	0508	270	0.016+-0.003
0508	0516	340	0.025+-0.003
0516*	0522	260	0.018+-0.003
0516	0522	260	0.021+-0.004
0522	0531	400	0.014+-0.003
0531	0607	340	0.012+-0.002
0607	0613	210	0.026+-0.005

*** Duplicate**

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters

STATION NUMBER 40

Collection Start Date	Collection Stop Date	Volume M^3	Gross Beta Activity (pCi/Cu.M.)
0613	0621	350	0.022+-0.003
0621	0627	260	0.031+-0.004
0627	0702	220	0.028+-0.005
0702	0711	390	0.026+-0.003
0711	0718	300	0.027+-0.004
0718	0725	310	0.033+-0.004
0718*	0725	310	0.032+-0.003
0725	0801	300	0.021+-0.003
0801	0808	290	0.041+-0.004
0808	0815	310	0.027+-0.004
0815	0822	300	0.026+-0.004
0822	0829	300	0.033+-0.004
0829	0905	300	0.032+-0.004
0905*	0914	390	0.031+-0.003
0905	0914	390	0.029+-0.003
0914	0919	220	0.035+-0.004
0919	0926	300	0.028+-0.004
0926	1003	300	0.033+-0.004
1003	1010	300	0.027+-0.003
1010	1017	300	0.026+-0.003
1017	1024	300	0.040+-0.004
1024	1031	300	0.029+-0.004
1031	1107	300	0.030+-0.004
1107	1114	300	0.057+-0.004
1114	1121	300	0.043+-0.004

*** Duplicate**

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters

STATION NUMBER 40

Collection Start Date	Collection Stop Date	Volume M^3	Gross Beta Activity (pCi/Cu.M.)
1121	1128	310	0.025+-0.004
1121*	1128	310	0.024+-0.004
1128	1205	300	0.028+-0.004
1205	1212	300	0.033+-0.004
1212	1219	310	0.038+-0.004
1219	1226	300	0.029+-0.003
122601	010202	300	0.031+-0.004

*** Duplicate**

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters
Isotopic Analysis on Quarterly Composite
(pCi/ Cu.M.)
STATION NUMBER 02
Gamma Spectrum Analysis
Dates Listed are Collection Start Dates

0103	AIR PARTICULATES	0702	AIR PARTICULATES
BE-7	0.06+-0.02	BE-7	0.073+-0.020
MN-54	<0.001	MN-54	<0.001
CO-58	<0.001	CO-58	<0.001
FE-59	<0.004	FE-59	<0.001
CO-60	<0.001	CO-60	<0.001
ZN-65	<0.002	ZN-65	<0.001
ZR-95	<0.001	ZR-95	<0.001
CS-134	<0.001	CS-134	<0.001
CS-137	<0.001	CS-137	<0.001

0329	AIR PARTICULATES	1003	AIR PARTICULATES
BE-7	0.09+-0.02	BE-7	0.068+-0.018
MN-54	<0.001	MN-54	<0.001
CO-58	<0.001	CO-58	<0.00047
FE-59	<0.001	FE-59	<0.002
CO-60	<0.001	CO-60	<0.001
ZN-65	<0.001	ZN-65	<0.001
ZR-95	<0.001	ZR-95	<0.001
CS-134	<0.001	CS-134	<0.001
CS-137	<0.001	CS-137	<0.001

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters
Isotopic Analysis on Quarterly Composite
(pCi/ Cu.M.)
STATION NUMBER 02 Duplicate
Gamma Spectrum Analysis
Dates Listed are Collection Start Dates

0103	AIR PARTICULATES DUP
BE-7	0.07+-0.02
MN-54	<0.001
CO-58	<0.001
FE-59	<0.004
CO-60	<0.001
ZN-65	<0.001
ZR-95	<0.001
CS-134	<0.001
CS-137	<0.001

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters
Isotopic Analysis on Quarterly Composite
(pCi/ Cu.M.)
STATION NUMBER 18
Gamma Spectrum Analysis
Dates Listed are Collection Start Dates

0103	AIR PARTICULATES	0702	AIR PARTICULATES
BE-7	0.07+-0.01	BE-7	0.080+-0.014
MN-54	<0.001	MN-54	<0.001
CO-58	<0.001	CO-58	<0.001
FE-59	<0.003	FE-59	<0.001
CO-60	<0.001	CO-60	<0.001
ZN-65	<0.001	ZN-65	<0.001
ZR-95	<0.001	ZR-95	<0.002
CS-134	<0.001	CS-134	<0.001
CS-137	<0.001	CS-137	<0.001

0329	AIR PARTICULATES	1003	AIR PARTICULATES
BE-7	0.07+-0.02	BE-7	0.066+-0.015
MN-54	<0.001	MN-54	<0.001
CO-58	<0.001	CO-58	<0.00049
FE-59	<0.001	FE-59	<0.001
CO-60	<0.001	CO-60	<0.00046
ZN-65	<0.001	ZN-65	<0.001
ZR-95	<0.001	ZR-95	<0.001
CS-134	<0.001	CS-134	<0.001
CS-137	<0.001	CS-137	<0.00049

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters
Isotopic Analysis on Quarterly Composite
(pCi/ Cu.M.)
STATION NUMBER 32
Gamma Spectrum Analysis
Dates Listed are Collection Start Dates

0103	AIR PARTICULATES	0702	AIR PARTICULATES
BE-7	0.07+-0.02	BE-7	0.078+-0.015
MN-54	<0.001	MN-54	<0.001
CO-58	<0.001	CO-58	<0.001
FE-59	<0.003	FE-59	<0.002
CO-60	<0.001	CO-60	<0.001
ZN-65	<0.001	ZN-65	<0.001
ZR-95	<0.001	ZR-95	<0.001
CS-134	<0.001	CS-134	<0.001
CS-137	<0.001	CS-137	<0.001

0329	AIR PARTICULATES	1003	AIR PARTICULATES
BE-7	0.09+-0.02	BE-7	0.078+-0.016
MN-54	<0.001	MN-54	<0.001
CO-58	<0.001	CO-58	<0.00037
FE-59	<0.001	FE-59	<0.001
CO-60	<0.001	CO-60	<0.001
ZN-65	<0.001	ZN-65	<0.002
ZR-95	<0.001	ZR-95	<0.001
CS-134	<0.001	CS-134	<0.001
CS-137	<0.001	CS-137	<0.00049

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters
Isotopic Analysis on Quarterly Composite
(pCi/ Cu.M.)
STATION NUMBER 37
Gamma Spectrum Analysis
Dates Listed are Collection Start Dates

0103	AIR PARTICULATES	0702	AIR PARTICULATES
BE-7	0.06+-0.02	BE-7	0.099+-0.022
MN-54	<0.001	MN-54	<0.001
CO-58	<0.001	CO-58	<0.001
FE-59	<0.003	FE-59	<0.001
CO-60	<0.001	CO-60	<0.001
ZN-65	<0.001	ZN-65	<0.001
ZR-95	<0.001	ZR-95	<0.001
CS-134	<0.001	CS-134	<0.001
CS-137	<0.001	CS-137	<0.001

0329	AIR PARTICULATES	1003	AIR PARTICULATES
BE-7	0.08+-0.02	BE-7	0.065+-0.014
MN-54	<0.001	MN-54	<0.001
CO-58	<0.001	CO-58	<0.001
FE-59	<0.001	FE-59	<0.001
CO-60	<0.001	CO-60	<0.001
ZN-65	<0.001	ZN-65	<0.001
ZR-95	<0.001	ZR-95	<0.001
CS-134	<0.001	CS-134	<0.001
CS-137	<0.001	CS-137	<0.001

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters
Isotopic Analysis on Quarterly Composite

(pCi/ Cu.M.)
STATION NUMBER 37 Duplicate
Gamma Spectrum Analysis
Dates Listed are Collection Start Dates

0329	AIR PARTICULATES DUP
BE-7	0.09+-0.02
MN-54	<0.001
CO-58	<0.001
FE-59	<0.001
CO-60	<0.001
ZN-65	<0.001
ZR-95	<0.001
CS-134	<0.001
CS-137	<0.001

Wolf Creek Nuclear Operating Corporation

Air Particulate Filters
Isotopic Analysis on Quarterly Composite
(pCi/ Cu.M.)
STATION NUMBER 40
Gamma Spectrum Analysis
Dates Listed are Collection Start Dates

0103	AIR PARTICULATES	0702	AIR PARTICULATES
BE-7	0.06+-0.02	BE-7	0.087+-0.020
MN-54	<0.001	MN-54	<0.001
CO-58	<0.001	CO-58	<0.001
FE-59	<0.003	FE-59	<0.001
CO-60	<0.001	CO-60	<0.001
ZN-65	<0.001	ZN-65	<0.001
ZR-95	<0.001	ZR-95	<0.001
CS-134	<0.001	CS-134	<0.001
CS-137	<0.001	CS-137	<0.001

0329	AIR PARTICULATES	1003	AIR PARTICULATES
BE-7	0.07+-0.02	BE-7	0.075+-0.014
MN-54	<0.001	MN-54	<0.001
CO-58	<0.001	CO-58	<0.001
FE-59	<0.001	FE-59	<0.001
CO-60	<0.001	CO-60	<0.00044
ZN-65	<0.001	ZN-65	<0.001
ZR-95	<0.001	ZR-95	<0.001
CS-134	<0.001	CS-134	<0.001
CS-137	<0.001	CS-137	<0.001

Wolf Creek Nuclear Operating Corporation

Charcoal Filters

STATION NUMBER 02

Collection Start Date	Collection Stop Date	Volume M^3	I-131 Activity (pCi/Cu.M.)
0103	0110	290	<0.01
0110	0118	290	<0.01
0118	0125	290	<0.01
0125	0131	250	<0.02
0131	0207	310	<0.01
0207	0214	310	<0.020
0214	0221	300	<0.009
0221	0228	300	<0.013
0228	0307	310	<0.013
0307	0314	300	<0.012
0314	0322	340	<0.009
0322	0329	310	<0.013
0329	0405	290	<0.020
0405	0411	270	<0.014
0411	0418	300	<0.011
0418	0424	260	<0.015
0424	0502	350	<0.011
0502	0508	270	<0.009
0508	0516	330	<0.012
0516	0522	260	<0.014
0522	0531	400	<0.007
0531	0607	310	<0.009
0607	0613	240	<0.013
0613	0621	340	<0.017
0621	0627	280	<0.015

Wolf Creek Nuclear Operating Corporation

Charcoal Filters

STATION NUMBER 02

Collection Start Date	Collection Stop Date	Volume M^3	I-131 Activity (pCi/Cu.M.)
0627	0702	230	<0.015
0702	0711	390	<0.009
0711	0718	310	<0.013
0718	0725	310	<0.009
0725	0801	310	<0.013
0801	0808	310	<0.007
0808	0815	320	<0.016
0815	0822	310	<0.015
0822	0829	320	<0.011
0829	0905	310	<0.009
0905	0914	390	<0.007
0914	0919	220	<0.019
0919	0926	300	<0.017
0926	1003	300	<0.007
1003	1010	300	<0.008
1010	1017	310	<0.011
1017	1024	320	<0.012
1024	1031	320	<0.010
1031	1107	320	<0.006
1107	1114	320	<0.013
1114	1121	330	<0.012
1121	1128	330	<0.011
1128	1205	310	<0.011
1205	1212	310	<0.008
1212	1219	320	<0.010

Wolf Creek Nuclear Operating Corporation

Charcoal Filters

STATION NUMBER 02

Collection Start Date	Collection Stop Date	Volume M^3	I-131 Activity (pCi/Cu.M.)
1219	1226	340	<0.010
122601	010202	330	<0.007

Wolf Creek Nuclear Operating Corporation

Charcoal Filters

STATION NUMBER 18

Collection Start Date	Collection Stop Date	Volume M^3	I-131 Activity (pCi/Cu.M.)
0103	0110	290	<0.01
0110	0118	290	<0.01
0118	0125	290	<0.01
0125	0131	250	<0.02
0131	0207	290	<0.01
0207	0214	280	<0.022
0214	0221	280	<0.010
0221	0228	290	<0.013
0228	0307	290	<0.014
0307	0314	290	<0.012
0314	0322	320	<0.009
0322	0329	320	<0.013
0329	0405	290	<0.020
0405	0411	250	<0.015
0411	0418	260	<0.013
0418	0424	260	<0.015
0424	0502	350	<0.011
0502	0508	270	<0.009
0508	0516	340	<0.012
0516	0522	260	<0.014
0522	0531	400	<0.007
0531	0607	320	<0.009
0607	0613	240	<0.013
0613	0621	340	<0.017
0621	0627	280	<0.015

Wolf Creek Nuclear Operating Corporation

Charcoal Filters

STATION NUMBER 18

Collection Start Date	Collection Stop Date	Volume M^3	I-131 Activity (pCi/Cu.M.)
0627	0702	230	<0.015
0702	0711	390	<0.009
0711	0718	310	<0.013
0718	0725	320	<0.009
0725	0801	300	<0.013
0801	0808	290	<0.008
0808	0815	300	<0.017
0815	0822	290	<0.016
0822	0829	290	<0.012
0829	0905	290	<0.010
0905	0914	380	<0.007
0914	0919	210	<0.020
0919	0926	300	<0.017
0926	1003	300	<0.007
1003	1010	300	<0.008
1010	1017	300	<0.011
1017	1024	310	<0.013
1024	1031	300	<0.011
1031	1107	310	<0.006
1107	1114	290	<0.014
1114	1121	300	<0.013
1121	1128	300	<0.012
1128	1205	300	<0.011
1205	1212	300	<0.008
1212	1219	310	<0.011

Wolf Creek Nuclear Operating Corporation

Charcoal Filters

STATION NUMBER 18

Collection Start Date	Collection Stop Date	Volume M^3	I-131 Activity (pCi/Cu.M.)
1219	1226	300	<0.011
122601	010202	300	<0.008

Wolf Creek Nuclear Operating Corporation

Charcoal Filters

STATION NUMBER 32

Collection Start Date	Collection Stop Date	Volume M^3	I-131 Activity (pCi/Cu.M.)
0103	0110	290	<0.01
0110	0118	290	<0.01
0118	0125	290	<0.01
0125	0131	250	<0.02
0131	0207	300	<0.01
0207	0214	290	<0.021
0214	0221	290	<0.009
0221	0228	290	<0.013
0228	0307	290	<0.014
0307	0314	290	<0.012
0314	0322	320	<0.009
0322	0329	300	<0.014
0329	0405	290	<0.020
0405	0411	260	<0.015
0411	0418	240	<0.014
0418	0424	260	<0.015
0424	0502	350	<0.011
0502	0508	270	<0.009
0508	0516	340	<0.012
0516	0522	260	<0.014
0522	0531	400	<0.007
0531	0607	330	<0.009
0607	0613	220	<0.014
0613	0621	340	<0.017
0621	0627	270	<0.016

Wolf Creek Nuclear Operating Corporation

Charcoal Filters

STATION NUMBER 32

Collection Start Date	Collection Stop Date	Volume M^3	I-131 Activity (pCi/Cu.M.)
0627	0702	230	<0.015
0702	0711	390	<0.009
0711	0718	300	<0.014
0718	0725	310	<0.009
0725	0801	310	<0.013
0801	0808	300	<0.007
0808	0815	310	<0.016
0815	0822	300	<0.015
0822	0829	300	<0.012
0829	0905	300	<0.009
0905	0914	390	<0.007
0914	0919	220	<0.019
0919	0926	310	<0.016
0926	1003	300	<0.007
1003	1010	300	<0.008
1010	1017	300	<0.011
1017	1024	300	<0.013
1024	1031	310	<0.011
1031	1107	310	<0.006
1107	1114	300	<0.014
1114	1121	300	<0.013
1121	1128	300	<0.012
1128	1205	290	<0.011
1205	1212	300	<0.008
1212	1219	310	<0.011

Wolf Creek Nuclear Operating Corporation

Charcoal Filters

STATION NUMBER 32

Collection Start Date	Collection Stop Date	Volume M^3	I-131 Activity (pCi/Cu.M.)
1219	1226	310	<0.011
122601	010202	300	<0.008

Wolf Creek Nuclear Operating Corporation

Charcoal Filters

STATION NUMBER 37

Collection Start Date	Collection Stop Date	Volume M^3	I-131 Activity (pCi/Cu.M.)
0103	0110	280	<0.02
0110	0118	300	<0.01
0118	0125	300	<0.01
0125	0131	260	<0.02
0131	0207	310	<0.01
0207	0214	310	<0.020
0214	0221	310	<0.009
0221	0228	300	<0.013
0228	0307	300	<0.014
0307	0314	310	<0.012
0314	0322	330	<0.009
0322	0329	310	<0.013
0329	0405	300	<0.020
0405	0411	270	<0.014
0411	0418	290	<0.011
0418	0424	260	<0.015
0424	0502	340	<0.011
0502	0508	270	<0.009
0508	0516	270	<0.015
0516	0522	260	<0.014
0522	0531	390	<0.007
0531	0607	310	<0.009
0607	0613	250	<0.012
0613	0621	340	<0.017
0621	0627	260	<0.017

Wolf Creek Nuclear Operating Corporation

Charcoal Filters

STATION NUMBER 37

Collection Start Date	Collection Stop Date	Volume M^3	I-131 Activity (pCi/Cu.M.)
0627	0702	220	<0.016
0702	0711	390	<0.009
0711	0718	300	<0.014
0718	0725	300	<0.009
0725	0801	290	<0.014
0801	0808	300	<0.007
0808	0815	310	<0.016
0815	0822	300	<0.015
0822	0829	320	<0.011
0829	0905	320	<0.009
0905	0914	410	<0.006
0914	0919	230	<0.018
0919	0926	310	<0.016
0926	1003	300	<0.007
1003	1010	300	<0.008
1010	1017	300	<0.011
1017	1024	300	<0.013
1024	1031	300	<0.011
1031	1107	300	<0.006
1107	1114	300	<0.014
1114	1121	310	<0.012
1121	1128	300	<0.012
1128	1205	300	<0.011
1205	1212	300	<0.008
1212	1219	310	<0.011

Wolf Creek Nuclear Operating Corporation

Charcoal Filters

STATION NUMBER 37

Collection Start Date	Collection Stop Date	Volume M^3	I-131 Activity (pCi/Cu.M.)
1219	1226	310	<0.011
122601	010202	310	<0.008

Wolf Creek Nuclear Operating Corporation

Charcoal Filters

STATION NUMBER 40

Collection Start Date	Collection Stop Date	Volume M^3	I-131 Activity (pCi/Cu.M.)
0103	0110	300	<0.01
0110	0118	290	<0.01
0118	0125	290	<0.01
0125	0131	250	<0.02
0131	0207	300	<0.01
0207	0214	290	<0.021
0214	0221	290	<0.009
0221	0228	290	<0.013
0228	0307	290	<0.014
0307	0314	290	<0.012
0314	0322	320	<0.009
0322	0329	310	<0.013
0329	0405	300	<0.020
0405	0411	260	<0.015
0411	0418	290	<0.011
0418	0424	260	<0.015
0424	0502	350	<0.011
0502	0508	270	<0.009
0508	0516	340	<0.012
0516	0522	260	<0.015
0522	0531	400	<0.007
0531	0607	340	<0.009
0607	0613	210	<0.015
0613	0621	350	<0.017
0621	0627	260	<0.017

Wolf Creek Nuclear Operating Corporation

Charcoal Filters

STATION NUMBER 40

Collection Start Date	Collection Stop Date	Volume M^3	I-131 Activity (pCi/Cu.M.)
0627	0702	220	<0.016
0702	0711	390	<0.009
0711	0718	300	<0.014
0718	0725	310	<0.009
0725	0801	300	<0.013
0801	0808	290	<0.008
0808	0815	310	<0.016
0815	0822	300	<0.015
0822	0829	300	<0.012
0829	0905	300	<0.009
0905	0914	390	<0.007
0914	0919	220	<0.019
0919	0926	300	<0.017
0926	1003	300	<0.007
1003	1010	300	<0.008
1010	1017	300	<0.011
1017	1024	300	<0.013
1024	1031	300	<0.011
1031	1107	300	<0.006
1107	1114	300	<0.014
1114	1121	300	<0.013
1121	1128	310	<0.012
1128	1205	300	<0.011
1205	1212	300	<0.008
1212	1219	310	<0.011

Wolf Creek Nuclear Operating Corporation

Charcoal Filters

STATION NUMBER 40

Collection Start Date	Collection Stop Date	Volume M^3	I-131 Activity (pCi/Cu.M.)
1219	1226	300	<0.011
122601	010202	300	<0.008

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Surface Water

(pCi/Liter)
STATION NUMBER DC
Gamma Spectrum and Tritium Analysis

SURFACE WATER	0118	SURFACE WATER	0215	SURFACE WATER	0315
MN-54	<3.0	MN-54	<3.6	MN-54	<1.3
CO-58	<3.9	CO-58	<3.7	CO-58	<3.1
FE-59	<11.6	FE-59	<4.3	FE-59	<5.6
CO-60	<2.2	CO-60	<2.3	CO-60	<1.8
ZN-65	<5.5	ZN-65	<3.2	ZN-65	<3.3
ZR-95	<4.1	ZR-95	<2.6	ZR-95	<5.3
I-131	<23.4	I-131	<8.7	I-131	<25.2
CS-134	<1.7	CS-134	<3.3	CS-134	<3.4
CS-137	<2.7	CS-137	<2.5	CS-137	<3.9
BA-140	<8.3	BA-140	<2.6	BA-140	<6.2
H-3	15726+-251	H-3	14775+-352	H-3	13645+-340

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Surface Water

(pCi/Liter)
STATION NUMBER DC
Gamma Spectrum and Tritium Analysis

SURFACE WATER	0419	SURFACE WATER	0524	SURFACE WATER	0621
MN-54	<2.4	MN-54	<5.2	MN-54	<1.7
CO-58	<3.5	CO-58	<7.3	CO-58	<2.4
FE-59	<3.8	FE-59	<10.2	FE-59	<4.3
CO-60	<3.1	CO-60	<4.7	CO-60	<1.0
ZN-65	<5.4	ZN-65	<8.8	ZN-65	<3.5
ZR-95	<3.5	ZR-95	<5.7	ZR-95	<3.3
I-131	<11.1	I-131	<9.8	I-131	<30.3
CS-134	<2.1	CS-134	<5.2	CS-134	<1.8
CS-137	<3.4	CS-137	<4.4	CS-137	<2.6
BA-140	<5.9	BA-140	<10.1	BA-140	<9.3
H-3	13314+-326	H-3	13446+-341	H-3	11527+-300

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Surface Water

(pCi/Liter)
STATION NUMBER DC
Gamma Spectrum and Tritium Analysis

SURFACE WATER	0719	SURFACE WATER	0816	SURFACE WATER	0920
MN-54	<5.8	MN-54	<4.3	MN-54	<3.9
CO-58	<4.4	CO-58	<2.1	CO-58	<3.1
FE-59	<8.1	FE-59	<6.4	FE-59	<4.7
CO-60	<5.1	CO-60	<4.8	CO-60	<6.4
ZN-65	<7.9	ZN-65	<9.6	ZN-65	<11.9
ZR-95	<6.0	ZR-95	<7.9	ZR-95	<6.5
I-131	<33.5	I-131	<7.8	I-131	<7.3
CS-134	<7.2	CS-134	<5.6	CS-134	<7.3
CS-137	<3.4	CS-137	<5.1	CS-137	<6.0
BA-140	<6.0	BA-140	<8.4	BA-140	<7.4
H-3	11397+-297	H-3	10648+-287	H-3	12081+-219

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Surface Water

(pCi/Liter)
STATION NUMBER DC
Gamma Spectrum and Tritium Analysis

SURFACE WATER	1019	SURFACE WATER	1116	SURFACE WATER	1220
MN-54	<2.7	MN-54	<4.6	MN-54	<2.4
CO-58	<3.0	CO-58	<2.9	CO-58	<1.7
FE-59	<6.8	FE-59	<4.7	FE-59	<5.2
CO-60	<2.3	CO-60	<5.1	CO-60	<2.6
ZN-65	<6.3	ZN-65	<7.6	ZN-65	<5.5
ZR-95	<3.2	ZR-95	<6.4	ZR-95	<2.2
I-131	<27.1	I-131	<21.2	I-131	<5.0
CS-134	<1.5	CS-134	<5.0	CS-134	<3.5
CS-137	<2.5	CS-137	<6.1	CS-137	<3.9
BA-140	<9.1	BA-140	<7.9	BA-140	<4.3
H-3	11520+-305	H-3	11884+-311	H-3	13158+-326

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Surface Water

(pCi/Liter)
STATION NUMBER JRR
Gamma Spectrum and Tritium Analysis

SURFACE WATER	0816	SURFACE WATER	0920	SURFACE WATER	1019
MN-54	<7.2	MN-54	<3.0	MN-54	<1.8
CO-58	<4.8	CO-58	<2.2	CO-58	<2.7
FE-59	<10.2	FE-59	<5.0	FE-59	<4.3
CO-60	<5.9	CO-60	<2.4	CO-60	<1.8
ZN-65	<6.0	ZN-65	<7.5	ZN-65	<2.9
ZR-95	<8.1	ZR-95	<3.3	ZR-95	<3.2
I-131	<10.1	I-131	<8.9	I-131	<24.6
CS-134	<3.7	CS-134	<6.4	CS-134	<2.0
CS-137	<8.0	CS-137	<3.9	CS-137	<1.7
BA-140	<7.7	BA-140	<2.7	BA-140	<5.8
H-3	<105	H-3	<108	H-3	<154

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Surface Water

(pCi/Liter)
STATION NUMBER JRR
Gamma Spectrum and Tritium Analysis

SURFACE WATER	1116	SURFACE WATER	1220
MN-54	<2.6	MN-54	<3.2
CO-58	<2.4	CO-58	<1.7
FE-59	<5.5	FE-59	<6.2
CO-60	<4.3	CO-60	<1.5
ZN-65	<2.8	ZN-65	<7.3
ZR-95	<3.8	ZR-95	<4.8
I-131	<6.0	I-131	<6.8
CS-134	<4.3	CS-134	<3.6
CS-137	<5.2	CS-137	<2.5
BA-140	<4.7	BA-140	<4.6
H-3	<162	H-3	<169

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Surface Water

(pCi/Liter)
STATION NUMBER MUSH
Gamma Spectrum and Tritium Analysis

SURFACE WATER	0118	SURFACE WATER	0215	SURFACE WATER	0315
MN-54	<1.8	MN-54	<2.5	MN-54	<3.9
CO-58	<3.2	CO-58	<3.1	CO-58	<4.8
FE-59	<6.3	FE-59	<4.9	FE-59	<3.2
CO-60	<1.1	CO-60	<1.3	CO-60	<4.8
ZN-65	<5.4	ZN-65	<5.3	ZN-65	<10.7
ZR-95	<4.1	ZR-95	<3.2	ZR-95	<6.9
I-131	<19.0	I-131	<8.6	I-131	<20.2
CS-134	<1.9	CS-134	<3.0	CS-134	<5.6
CS-137	<4.3	CS-137	<0.6	CS-137	<3.8
BA-140	<3.6	BA-140	<4.2	BA-140	<13.0
H-3	<161	H-3	<158	H-3	<184

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Surface Water

(pCi/Liter)
STATION NUMBER MUSH
Gamma Spectrum and Tritium Analysis

SURFACE WATER	0419	SURFACE WATER	0524	SURFACE WATER	0621
MN-54	<6.8	MN-54	<4.4	MN-54	<2.2
CO-58	<5.2	CO-58	<3.6	CO-58	<2.1
FE-59	<11.7	FE-59	<4.6	FE-59	<3.0
CO-60	<5.2	CO-60	<3.5	CO-60	<1.4
ZN-65	<4.8	ZN-65	<8.0	ZN-65	<3.2
ZR-95	<5.9	ZR-95	<4.6	ZR-95	<2.9
I-131	<17.6	I-131	<12.0	I-131	<30.2
CS-134	<5.5	CS-134	<4.0	CS-134	<1.9
CS-137	<4.3	CS-137	<5.4	CS-137	<1.5
BA-140	<7.2	BA-140	<8.7	BA-140	<7.4
H-3	<152	H-3	<186	H-3	<173

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Surface Water

(pCi/Liter)
STATION NUMBER MUSH
Gamma Spectrum and Tritium Analysis

SURFACE WATER	0719	SURFACE WATER	0816	SURFACE WATER	0920
MN-54	<4.7	MN-54	<7.8	MN-54	<4.3
CO-58	<4.5	CO-58	<6.0	CO-58	<3.8
FE-59	<6.7	FE-59	<7.7	FE-59	<7.7
CO-60	<4.1	CO-60	<6.0	CO-60	<4.7
ZN-65	<6.9	ZN-65	<11.1	ZN-65	<15.3
ZR-95	<9.4	ZR-95	<6.6	ZR-95	<6.1
I-131	<31.2	I-131	<12.8	I-131	<6.5
CS-134	<4.9	CS-134	<8.5	CS-134	<6.6
CS-137	<4.5	CS-137	<8.1	CS-137	<6.0
BA-140	<6.7	BA-140	<7.8	BA-140	<5.9
H-3	<156	H-3	<105	H-3	<108

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Surface Water

(pCi/Liter)
STATION NUMBER MUSH
Gamma Spectrum and Tritium Analysis

SURFACE WATER	1019	SURFACE WATER	1116	SURFACE WATER	1220
MN-54	<2.5	MN-54	<3.0	MN-54	<3.3
CO-58	<2.7	CO-58	<4.9	CO-58	<3.3
FE-59	<3.2	FE-59	<10.6	FE-59	<5.1
CO-60	<2.6	CO-60	<5.0	CO-60	<2.3
ZN-65	<4.2	ZN-65	<9.6	ZN-65	<3.7
ZR-95	<4.5	ZR-95	<3.5	ZR-95	<3.7
I-131	<20.5	I-131	<21.7	I-131	<5.8
CS-134	<2.6	CS-134	<5.1	CS-134	<2.9
CS-137	<3.3	CS-137	<3.9	CS-137	<3.8
BA-140	<8.1	BA-140	<13.5	BA-140	<2.5
H-3	<160	H-3	<162	H-3	<169

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Surface Water

(pCi/Liter)
STATION NUMBER MUSH
Gamma Spectrum and Tritium Analysis

SURFACE WATER DUP	0816
MN-54	<5.6
CO-58	<6.8
FE-59	<16.9
CO-60	<4.4
ZN-65	<5.5
ZR-95	<6.8
I-131	<8.0
CS-134	<4.8
CS-137	<6.5
BA-140	<8.7
H-3	<105

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Surface Water

(pCi/Liter)
STATION NUMBER SP
Gamma Spectrum and Tritium Analysis

SURFACE WATER	0816	SURFACE WATER	0920	SURFACE WATER	1019
MN-54	<6.8	MN-54	<4.2	MN-54	<2.3
CO-58	<6.4	CO-58	<5.6	CO-58	<2.4
FE-59	<6.7	FE-59	<8.1	FE-59	<5.6
CO-60	<4.4	CO-60	<3.6	CO-60	<2.4
ZN-65	<12.5	ZN-65	<11.7	ZN-65	<3.7
ZR-95	<7.7	ZR-95	<7.9	ZR-95	<3.1
I-131	<9.7	I-131	<7.0	I-131	<25.3
CS-134	<8.9	CS-134	<6.9	CS-134	<2.0
CS-137	<7.9	CS-137	<5.1	CS-137	<2.4
BA-140	<6.1	BA-140	<3.9	BA-140	<7.8
H-3	10720+-203	H-3	11316+-213	H-3	11881+-308

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Surface Water

(pCi/Liter)
STATION NUMBER SP
Gamma Spectrum and Tritium Analysis

SURFACE WATER	1116	SURFACE WATER	1220
MN-54	<3.5	MN-54	<3.8
CO-58	<2.5	CO-58	<3.0
FE-59	<5.2	FE-59	<5.3
CO-60	<2.6	CO-60	<4.0
ZN-65	<5.1	ZN-65	<5.4
ZR-95	<1.9	ZR-95	<3.2
I-131	<24.4	I-131	<13.1
CS-134	<1.9	CS-134	<3.7
CS-137	<3.1	CS-137	<5.8
BA-140	<5.2	BA-140	<5.7
H-3	12265+-315	H-3	13211+-327

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER B-12
Radiochemical Analysis

Collection Date:	**I-131**
0215	<0.3
0516	<0.4
0816	<0.4
1115	<0.3

*** Duplicate**

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER C-10
Radiochemical Analysis

Collection Date:	**I-131**
0215	<0.3
0516	<0.5
0816	<0.4
1115	<0.5

*** Duplicate**

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER C-49
Radiochemical Analysis

Collection Date	I-131
0215	<0.3
0516	<0.3
0816	<0.4
1115	<0.4

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER D-65
Radiochemical Analysis

Collection Date	I-131
0215	<0.3
0627	<0.4
0816	<0.4
1115	<0.6

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER L-49
Radiochemical Analysis

Collection Date:	**I-131**
0215	<0.4
0516	<0.5
0816	<0.3

*** Duplicate**

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER N-10
Radiochemical Analysis

Collection Date:	**I-131**
1115	<0.4

*** Duplicate**

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER B-12
Gamma Spectrum Analysis

GROUND WATER	0215	GROUND WATER	0516	GROUND WATER	0816
MN-54	<2.5	MN-54	<4.7	MN-54	<5.8
CO-58	<3.1	CO-58	<5.3	CO-58	<5.8
FE-59	<2.2	FE-59	<5.4	FE-59	<6.5
CO-60	<1.3	CO-60	<6.1	CO-60	<4.2
ZN-65	<5.3	ZN-65	<5.1	ZN-65	<7.5
ZR-95	<2.6	ZR-95	<3.8	ZR-95	<5.1
CS-134	<1.9	CS-134	<6.1	CS-134	<3.6
CS-137	<2.4	CS-137	<6.1	CS-137	<2.3
BA-140	<3.8	BA-140	<4.8	BA-140	<5.9

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER B-12
Gamma Spectrum Analysis

GROUND WATER	1115
MN-54	<2.5
CO-58	<1.8
FE-59	<6.6
CO-60	<2.7
ZN-65	<4.1
ZR-95	<2.1
CS-134	<2.2
CS-137	<2.8
BA-140	<3.7

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER C-10
Gamma Spectrum Analysis

GROUND WATER	0215	GROUND WATER	0516	GROUND WATER	0816
MN-54	<3.0	MN-54	<2.9	MN-54	<6.4
CO-58	<2.0	CO-58	<2.7	CO-58	<3.0
FE-59	<5.3	FE-59	<3.0	FE-59	<10.5
CO-60	<1.9	CO-60	<3.8	CO-60	<3.0
ZN-65	<12.4	ZN-65	<3.2	ZN-65	<9.6
ZR-95	<3.9	ZR-95	<1.9	ZR-95	<6.5
CS-134	<5.0	CS-134	<4.8	CS-134	<8.5
CS-137	<2.9	CS-137	<3.3	CS-137	<4.2
BA-140	<3.3	BA-140	<2.2	BA-140	<6.1

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER C-10
Gamma Spectrum Analysis

GROUND WATER	1115
MN-54	<2.8
CO-58	<1.7
FE-59	<3.1
CO-60	<1.6
ZN-65	<6.6
ZR-95	<3.4
CS-134	<3.1
CS-137	<3.2
BA-140	<1.9

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER C-49
Gamma Spectrum Analysis

GROUND WATER	0215	GROUND WATER	0516	GROUND WATER	0816
MN-54	<6.0	MN-54	<2.3	MN-54	<3.5
CO-58	<4.4	CO-58	<3.9	CO-58	<4.2
FE-59	<5.3	FE-59	<5.8	FE-59	<5.8
CO-60	<2.8	CO-60	<2.1	CO-60	<6.6
ZN-65	<10.1	ZN-65	<8.9	ZN-65	<11.7
ZR-95	<4.6	ZR-95	<4.7	ZR-95	<5.6
CS-134	<5.1	CS-134	<4.4	CS-134	<4.5
CS-137	<3.9	CS-137	<5.1	CS-137	<6.0
BA-140	<5.4	BA-140	<3.3	BA-140	<3.9

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER C-49
Gamma Spectrum Analysis

GROUND WATER	**1115**
MN-54	<3.0
CO-58	<1.7
FE-59	<2.9
CO-60	<1.9
ZN-65	<2.6
ZR-95	<1.9
CS-134	<2.5
CS-137	<3.5
BA-140	<1.7

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER D-65
Gamma Spectrum Analysis

GROUND WATER	0215	GROUND WATER	0627	GROUND WATER	0816
MN-54	<4.7	MN-54	<3.6	MN-54	<3.0
CO-58	<1.6	CO-58	<1.8	CO-58	<2.9
FE-59	<7.9	FE-59	<6.0	FE-59	<2.7
CO-60	<3.7	CO-60	<3.1	CO-60	<2.6
ZN-65	<3.4	ZN-65	<5.7	ZN-65	<4.9
ZR-95	<2.8	ZR-95	<3.2	ZR-95	<2.3
CS-134	<4.2	CS-134	<2.3	CS-134	<2.6
CS-137	<3.9	CS-137	<2.7	CS-137	<3.7
BA-140	<4.9	BA-140	<2.6	BA-140	<2.3

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER D-65
Gamma Spectrum Analysis

GROUND WATER	1115
MN-54	<4.9
CO-58	<5.1
FE-59	<5.6
CO-60	<3.0
ZN-65	<3.6
ZR-95	<4.7
CS-134	<4.6
CS-137	<6.2
BA-140	<4.1

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER L-49
Gamma Spectrum Analysis

GROUND WATER	0215	GROUND WATER	0516	GROUND WATER	0816
MN-54	<2.5	MN-54	<6.7	MN-54	<4.1
CO-58	<1.9	CO-58	<3.9	CO-58	<5.8
FE-59	<1.7	FE-59	<8.6	FE-59	<14.0
CO-60	<1.9	CO-60	<6.0	CO-60	<5.8
ZN-65	<3.1	ZN-65	<7.5	ZN-65	<8.3
ZR-95	<2.8	ZR-95	<6.0	ZR-95	<2.8
CS-134	<2.3	CS-134	<5.1	CS-134	<5.5
CS-137	<3.0	CS-137	<3.8	CS-137	<3.5
BA-140	<1.7	BA-140	<4.8	BA-140	<7.1

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER N-10
Gamma Spectrum Analysis

GROUND WATER	**1115**
MN-54	<3.6
CO-58	<3.0
FE-59	<5.9
CO-60	<3.9
ZN-65	<4.1
ZR-95	<1.5
CS-134	<2.7
CS-137	<4.0
BA-140	<3.5

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER B-12
Tritium Analysis

Collection Date:	H-3
0215	<177
0516	<185
0816	<147
1115	<162

*** Duplicate**

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER C-10
Tritium Analysis

Collection Date:	H-3
0215	<181
0516	<185
0816	<147
1115	<162

*** Duplicate**

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER C-49
Tritium Analysis

Collection Date:	**H-3**
0215	<112
0516	<185
0816	<147
1115	<162

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER D-65
Tritium Analysis

Collection Date:	**H-3**
0215	<181
0627	<172
0816	<147
1115	<155

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER L-49
Tritium Analysis

Collection Date:	**H-3**
0215	<135
0516	<185
0816	<105

*** Duplicate**

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Ground Water

(pCi/Liter)
STATION NUMBER N-10
Tritium Analysis

Collection Date:	H-3
1115	<155

*** Duplicate**

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER BW15
Radiochemical Analysis

Start Date:	Stop Date:	I-131
0104*	0207	<0.3
0104	0207	<0.4
0207	0307	<0.3
0307	0405	<0.2
0405	0502	<0.4
0502	0608	<0.5
0608	0706	<0.4
0706	0801	<0.2
0801	0905	<0.4
0905*	1003	<0.5
0905	1003	<0.5
1003	1107	<0.3
1107	1205	<0.3
1205	010202	<0.4

*** Duplicate**

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER BW15
Radiochemical Analysis
(Grab Sample)

Date:	I-131
0919	<0.4

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER LW40
Radiochemical Analysis

Start Date:	Stop Date:	I-131
0104	0207	<0.3
0207	0307	<0.5
0307	0405	<0.2
0405	0502	<0.4
0502	0608	<0.4
0608	0706	<0.4
0706	0801	<0.2
0801	0905	<0.4
0905*	1003	<0.3
1003	1107	<0.3
1107	1205	<0.4
1205	010202	<0.4

*** Duplicate**

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER LW40
Radiochemical Analysis
(Grab Sample)

Date:	**I-131**
0131	<0.4

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER BW15
Radiochemical Analysis

Start Date:	Stop Date:	GR-B
0104*	0207	5.5+-1.1
0104	0207	4.7+-1.1
0207	0307	4.1+-1.1
0307	0405	4.3+-1.0
0405	0502	3.8+-1.1
0502	0608	4.0+-1.0
0608	0706	3.4+-1.1
0706	0801	3.8+-1.1
0801	0905	4.6+-0.5
0905*	1003	4.3+-0.5
0905	1003	4.7+-0.6
1003	1107	5.1+-0.6
1107	1205	4.7+-0.8
1205	010202	4.7+-1.0

*** Duplicate**

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER BW15
Radiochemical Analysis
(Grab Sample)

Date:	**GR-B**
0919	3.7+-1.1

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER LW40
Radiochemical Analysis

Start Date:	Stop Date:	GR-B
0104	0207	4.4+-1.8
0207	0307	3.5+-1.1
0307	0405	3.9+-1.0
0405	0502	3.6+-1.2
0502	0608	3.5+-1.0
0608	0706	3.9+-1.0
0706	0801	4.7+-1.2
0801	0905	4.3+-0.5
0905	1003	4.0+-0.5
1003	1107	4.3+-0.7
1107	1205	5.6+-0.8
1205	010202	4.5+-1.1

*** Duplicate**

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER LW40
Radiochemical Analysis
(Grab Sample)

Date:	GR-B
0131	3.5+-1.0

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER BW15
Gamma Spectrum Analysis

DRINKING WATER	0104 / 0207	DRINKING WATER	0207 / 0307	DRINKING WATER	0307 / 0405
MN-54	<3.1	MN-54	<5.1	MN-54	<4.6
CO-58	<1.3	CO-58	<3.8	CO-58	<2.6
FE-59	<3.0	FE-59	<7.0	FE-59	<10.0
CO-60	<1.3	CO-60	<6.5	CO-60	<3.4
ZN-65	<2.3	ZN-65	<9.3	ZN-65	<6.8
ZR-95	<2.1	ZR-95	<2.9	ZR-95	<5.5
CS-134	<2.3	CS-134	<5.6	CS-134	<4.6
CS-137	<2.3	CS-137	<5.3	CS-137	<4.2
BA-140	<3.0	BA-140	<5.0	BA-140	<5.7

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER BW15
Gamma Spectrum Analysis

DRINKING WATER	0405 / 0502	DRINKING WATER	0502 / 0608	DRINKING WATER	0608 / 0706
MN-54	<2.6	MN-54	<5.0	MN-54	<2.5
CO-58	<1.7	CO-58	<4.0	CO-58	<2.4
FE-59	<3.3	FE-59	<10.5	FE-59	<5.3
CO-60	<2.0	CO-60	<3.6	CO-60	<2.3
ZN-65	<2.1	ZN-65	<7.8	ZN-65	<5.4
ZR-95	<2.8	ZR-95	<5.3	ZR-95	<3.0
CS-134	<3.3	CS-134	<6.1	CS-134	<3.1
CS-137	<2.6	CS-137	<4.9	CS-137	<2.5
BA-140	<1.8	BA-140	<5.5	BA-140	<4.1

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER BW15
Gamma Spectrum Analysis

DRINKING WATER	0706 / 0801	DRINKING WATER	0801 / 0905	DRINKING WATER	0905 / 1003
MN-54	<5.9	MN-54	<5.7	MN-54	<3.7
CO-58	<4.2	CO-58	<3.6	CO-58	<5.0
FE-59	<4.4	FE-59	<10.6	FE-59	<5.2
CO-60	<3.8	CO-60	<5.1	CO-60	<3.5
ZN-65	<5.9	ZN-65	<6.7	ZN-65	<5.5
ZR-95	<3.3	ZR-95	<4.3	ZR-95	<2.8
CS-134	<5.2	CS-134	<5.9	CS-134	<5.0
CS-137	<6.3	CS-137	<3.1	CS-137	<8.1
BA-140	<4.7	BA-140	<4.6	BA-140	<3.1

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER BW15
Gamma Spectrum Analysis

DRINKING WATER	1003 / 1107	DRINKING WATER	1107 / 1205	DRINKING WATER	1205 / 010202
MN-54	<4.6	MN-54	<3.1	MN-54	<4.7
CO-58	<3.6	CO-58	<4.7	CO-58	<2.8
FE-59	<7.3	FE-59	<10.9	FE-59	<8.9
CO-60	<2.9	CO-60	<5.2	CO-60	<4.5
ZN-65	<5.8	ZN-65	<7.6	ZN-65	<4.9
ZR-95	<4.6	ZR-95	<3.5	ZR-95	<4.4
CS-134	<3.8	CS-134	<3.9	CS-134	<5.6
CS-137	<4.3	CS-137	<5.3	CS-137	<6.3
BA-140	<2.3	BA-140	<3.3	BA-140	<4.9

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER BW15
Gamma Spectrum Analysis

DRINKING WATER DUP	0104 / 0207	DRINKING WATER DUP	0905 / 1003
MN-54	<0.9	MN-54	<2.9
CO-58	<2.0	CO-58	<2.1
FE-59	<2.6	FE-59	<3.6
CO-60	<1.4	CO-60	<2.2
ZN-65	<2.1	ZN-65	<4.1
ZR-95	<4.2	ZR-95	<2.8
CS-134	<1.7	CS-134	<3.5
CS-137	<1.6	CS-137	<3.3
BA-140	<3.0	BA-140	<2.7

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER BW15
Gamma Spectrum Analysis (Grab Sample)

DRINKING WATER GRAB	0919
MN-54	<6.0
CO-58	<5.8
FE-59	<9.5
CO-60	<5.5
ZN-65	<7.4
ZR-95	<5.9
CS-134	<6.7
CS-137	<6.0
BA-140	<6.7

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER LW40
Gamma Spectrum Analysis

DRINKING WATER	0104 / 0207	DRINKING WATER	0207 / 0307	DRINKING WATER	0307 / 0405
MN-54	<2.9	MN-54	<2.5	MN-54	<5.5
CO-58	<4.9	CO-58	<2.7	CO-58	<2.9
FE-59	<9.2	FE-59	<4.3	FE-59	<9.2
CO-60	<4.5	CO-60	<1.3	CO-60	<6.9
ZN-65	<7.3	ZN-65	<2.5	ZN-65	<5.6
ZR-95	<3.6	ZR-95	<2.3	ZR-95	<5.3
CS-134	<4.0	CS-134	<2.6	CS-134	<7.0
CS-137	<3.9	CS-137	<3.2	CS-137	<4.5
BA-140	<4.4	BA-140	<8.9	BA-140	<7.9

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER LW40
Gamma Spectrum Analysis

DRINKING WATER	0405 / 0502	DRINKING WATER	0502 / 0608	DRINKING WATER	0608 / 0706
MN-54	<2.5	MN-54	<1.3	MN-54	<3.2
CO-58	<1.9	CO-58	<2.3	CO-58	<2.7
FE-59	<2.6	FE-59	<5.1	FE-59	<2.8
CO-60	<2.0	CO-60	<2.1	CO-60	<1.7
ZN-65	<4.0	ZN-65	<3.3	ZN-65	<4.6
ZR-95	<1.4	ZR-95	<1.9	ZR-95	<2.2
CS-134	<3.0	CS-134	<3.0	CS-134	<3.5
CS-137	<2.4	CS-137	<1.9	CS-137	<3.0
BA-140	<2.9	BA-140	<2.0	BA-140	<1.9

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER LW40
Gamma Spectrum Analysis

DRINKING WATER	0706 / 0801	DRINKING WATER	0801 / 0905	DRINKING WATER	0905 / 1003
MN-54	<2.2	MN-54	<5.4	MN-54	<4.3
CO-58	<2.3	CO-58	<3.6	CO-58	<4.3
FE-59	<2.5	FE-59	<11.3	FE-59	<7.4
CO-60	<2.1	CO-60	<3.7	CO-60	<4.4
ZN-65	<2.8	ZN-65	<4.9	ZN-65	<6.7
ZR-95	<2.5	ZR-95	<2.4	ZR-95	<4.3
CS-134	<3.0	CS-134	<6.1	CS-134	<4.0
CS-137	<3.5	CS-137	<6.5	CS-137	<5.0
BA-140	<2.1	BA-140	<2.4	BA-140	<2.4

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER LW40
Gamma Spectrum Analysis

DRINKING WATER	1003 / 1107	DRINKING WATER	1107 / 1205	DRINKING WATER	1205 / 010202
MN-54	<3.2	MN-54	<3.2	MN-54	<3.3
CO-58	<3.5	CO-58	<3.7	CO-58	<5.2
FE-59	<3.0	FE-59	<10.3	FE-59	<6.1
CO-60	<4.3	CO-60	<3.1	CO-60	<5.3
ZN-65	<6.3	ZN-65	<11.9	ZN-65	<8.6
ZR-95	<1.8	ZR-95	<5.4	ZR-95	<4.1
CS-134	<5.1	CS-134	<6.4	CS-134	<6.2
CS-137	<4.7	CS-137	<6.3	CS-137	<4.4
BA-140	<3.0	BA-140	<3.1	BA-140	<3.1

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER LW40
Gamma Spectrum Analysis (Grab Sample)

DRINKING WATER GRAB	0131
MN-54	<3.0
CO-58	<1.6
FE-59	<6.3
CO-60	<2.1
ZN-65	<3.4
ZR-95	<5.2
CS-134	<2.9
CS-137	<1.9
BA-140	<2.6

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER BW15
Tritium Analysis

Start Date:	Stop Date:	H-3
0207	0405	<144
0502	0706	<142
0801	1003	<162
1107	010202	<164

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Drinking Water

(pCi/Liter)
STATION NUMBER LW40
Tritium Analysis

Start Date:	Stop Date:	H-3
0207	0405	<144
0502	0706	<142
0801	1003	<162
1107	010202	<164

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Shoreline Sediment

(pCi/KG DRY)
STATION NUMBER DC
Gamma Spectrum Analysis

0518	**SHORELINE SEDIMENT**
K-40	10935+-831
MN-54	<32.3
CO-58	<28.0
FE-59	<48.8
CO-60	<20.8
ZN-65	<78.1
CS-134	<49.0
CS-137	<30.7

1003	**SHORELINE SEDIMENT**
K-40	10947.0+-846.8
MN-54	<33.4
CO-58	<46.9
FE-59	<97.0
CO-60	<23.9
ZN-65	<94.2
CS-134	<49.1
CS-137	<34.3

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Shoreline Sediment

(pCi/KG DRY)
STATION NUMBER JRR
Gamma Spectrum Analysis

0518	**SHORELINE SEDIMENT**
K-40	10581+-654
MN-54	<15.7
CO-58	<17.7
FE-59	<52.2
CO-60	<16.1
ZN-65	<34.1
CS-134	<13.7
CS-137	<20.0

1003	**SHORELINE SEDIMENT**
K-40	11243.0+-855.0
MN-54	<27.7
CO-58	<47.3
FE-59	<110.9
CO-60	<18.6
ZN-65	<75.8
CS-134	<50.9
CS-137	<30.5

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Waterborne

Shoreline Sediment

(pCi/KG DRY)
STATION NUMBER MUDS
Gamma Spectrum Analysis

SHORELINE SEDIMENT	0625
K-40	9376+-546
MN-54	<18.0
CO-58	<23.1
FE-59	<48.1
CO-60	<16.9
ZN-65	<52.8
CS-134	<19.8
CS-137	<24.1

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Ingestion

Fish

(pCi/KG WET)
STATION NUMBER JRR
Gamma Spectrum and Tritium Analysis

BM BUFFALO	0511	BM BUFFALO	1003
K-40	2997+-449	K-40	3076.4+-498.7
MN-54	<14.7	MN-54	<12.0
CO-58	<12.2	CO-58	<19.0
FE-59	<38.4	FE-59	<55.5
CO-60	<18.0	CO-60	<11.2
ZN-65	<31.9	ZN-65	<27.8
CS-134	<15.6	CS-134	<13.3
CS-137	<10.4	CS-137	<11.2
H-3	<111	H-3	<102

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Ingestion
Fish
(pCi/KG WET)
STATION NUMBER JRR
Gamma Spectrum and Tritium Analysis

CHANNEL CATFISH	0511	CHANNEL CATFISH	1003
K-40	3215+-597	K-40	2945.9+-524.0
MN-54	<17.5	MN-54	<19.4
CO-58	<12.6	CO-58	<16.1
FE-59	<28.5	FE-59	<45.1
CO-60	<15.5	CO-60	<18.7
ZN-65	<33.9	ZN-65	<43.6
CS-134	<20.8	CS-134	<19.7
CS-137	<19.2	CS-137	<23.0
H-3	<113	H-3	<119

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Ingestion

Fish

(pCi/KG WET)
STATION NUMBER JRR
Gamma Spectrum and Tritium Analysis

COMMON CARP	0511	COMMON CARP	1003
K-40	3200+-373	K-40	3197.2+-500.6
MN-54	<15.3	MN-54	<12.5
CO-58	<13.0	CO-58	<14.5
FE-59	<23.9	FE-59	<34.6
CO-60	<12.2	CO-60	<21.2
ZN-65	<24.8	ZN-65	<26.2
CS-134	<11.6	CS-134	<15.4
CS-137	<8.0	CS-137	<20.2
H-3	<106	H-3	<114

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Ingestion

Fish

(pCi/KG WET)
STATION NUMBER WCL
Gamma Spectrum and Tritium Analysis

CHANNEL CATFISH	0507	COMMON CARP	0507	COMMON CARP	1012
K-40	2852+-380	K-40	3338+-483	K-40	3210.2+-498.2
MN-54	<14.8	MN-54	<11.7	MN-54	<23.7
CO-58	<10.0	CO-58	<12.2	CO-58	<7.4
FE-59	<10.6	FE-59	<25.3	FE-59	<33.7
CO-60	<9.8	CO-60	<8.0	CO-60	<22.0
ZN-65	<25.8	ZN-65	<10.5	ZN-65	<25.2
CS-134	<15.9	CS-134	<18.2	CS-134	<17.7
CS-137	<12.7	CS-137	<16.3	CS-137	<14.6
H-3	3944+-119	H-3	5492+-154	H-3	6943+-193

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Ingestion

Fish

(pCi/KG WET)
STATION NUMBER WCL
Gamma Spectrum and Tritium Analysis

FLATHEAD CATFISH	1012	SM BASS	0507	SM BUFFALO	1012
K-40	3136.0+-408.7	K-40	3379+-539	K-40	3046.4+-608.8
MN-54	<8.6	MN-54	<14.2	MN-54	<22.3
CO-58	<16.8	CO-58	<23.5	CO-58	<12.7
FE-59	<53.6	FE-59	<58.5	FE-59	<19.8
CO-60	<8.8	CO-60	<19.9	CO-60	<12.6
ZN-65	<25.0	ZN-65	<31.2	ZN-65	<50.0
CS-134	<13.1	CS-134	<17.6	CS-134	<17.5
CS-137	<15.3	CS-137	<16.5	CS-137	<17.0
H-3	7436+-194	H-3	4830+-134	H-3	6649+-186

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Ingestion

Fish

(pCi/KG WET)
STATION NUMBER WCL
Gamma Spectrum and Tritium Analysis

WHITE BASS	1012	WIPER	1012
K-40	3687.2+-430.5	K-40	3398.4+-411.6
MN-54	<9.1	MN-54	<14.6
CO-58	<9.8	CO-58	<16.7
FE-59	<51.2	FE-59	<32.2
CO-60	<11.7	CO-60	<15.1
ZN-65	<48.2	ZN-65	<30.0
CS-134	<14.6	CS-134	<16.6
CS-137	<15.1	CS-137	<15.2
H-3	8003+-168	H-3	8365+-175

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Ingestion
Food/Garden Crops
(pCi/KG WET)
STATION NUMBER A-2
Gamma Spectrum Analysis

0531	RHUBARB LEAVES	0725	RHUBARB LEAVES	0919	RHUBARB LEAVES
BE-7	411+-111	BE-7	472+-177	BE-7	733.6+-262.9
K-40	4716+-371	K-40	5686+-590	K-40	4352.1+-692.3
MN-54	<10.1	MN-54	<13.6	MN-54	<18.6
CO-58	<10.6	CO-58	<11.8	CO-58	<10.5
FE-59	<20.1	FE-59	<15.7	FE-59	<25.4
CO-60	<8.9	CO-60	<18.8	CO-60	<18.0
ZN-65	<11.9	ZN-65	<43.6	ZN-65	<30.6
ZR-95	<9.5	ZR-95	<10.8	ZR-95	<17.0
I-131	<10.3	I-131	<49.9	I-131	<25.2
CS-134	<12.1	CS-134	<13.3	CS-134	<13.9
CS-137	<8.0	CS-137	<10.5	CS-137	<15.9
0627	**RHUBARB LEAVES**	**0822**	**RHUBARB LEAVES**	**1024**	**RHUBARB LEAVES**
BE-7	<127.0	BE-7	435+-167	BE-7	313.9+-187.8
K-40	3874+-550	K-40	5043+-522	K-40	5120.7+-528.9
MN-54	<11.7	MN-54	<15.8	MN-54	<16.0
CO-58	<12.5	CO-58	<8.5	CO-58	<19.1
FE-59	<35.5	FE-59	<33.0	FE-59	<38.0
CO-60	<15.1	CO-60	<12.9	CO-60	<15.6
ZN-65	<33.8	ZN-65	<48.0	ZN-65	<49.2
ZR-95	<10.0	ZR-95	<10.4	ZR-95	<13.7
I-131	<13.4	I-131	<17.3	I-131	<19.1
CS-134	<17.1	CS-134	<18.4	CS-134	<18.7
CS-137	<17.9	CS-137	<20.0	CS-137	<18.4

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Ingestion
Food/Garden Crops
(pCi/KG WET)
STATION NUMBER A-2
Gamma Spectrum Analysis

1120	RHUBARB LEAVES
BE-7	309.9+-158.8
K-40	6407.1+-620.7
MN-54	<13.4
CO-58	<19.4
FE-59	<44.9
CO-60	<18.2
ZN-65	<24.6
ZR-95	<13.2
I-131	<17.2
CS-134	<12.7
CS-137	<15.7

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Ingestion
Food/Garden Crops
(pCi/KG WET)
STATION NUMBER A-2 (Duplications)
Gamma Spectrum Analysis

1120	RHUBARB LEAVES DUP
BE-7	348.3+-168.1
K-40	6097.5+-660.4
MN-54	<21.1
CO-58	<18.3
FE-59	<46.7
CO-60	<23.7
ZN-65	<34.9
ZR-95	<18.7
I-131	<30.3
CS-134	<21.4
CS-137	<15.1

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Ingestion
Food/Garden Crops
(pCi/KG WET)
STATION NUMBER G-1
Gamma Spectrum Analysis

0531	CABBAGE	0725	CABBAGE	1024	TURNIP GREENS
BE-7	<231	BE-7	<203	BE-7	474.7+-138.4
K-40	4212+-638	K-40	3393+-439	K-40	3608.5+-361.4
MN-54	<18.4	MN-54	<15.5	MN-54	<11.7
CO-58	<20.5	CO-58	<19.6	CO-58	<9.7
FE-59	<54.0	FE-59	<48.3	FE-59	<13.1
CO-60	<23.7	CO-60	<9.1	CO-60	<13.8
ZN-65	<47.6	ZN-65	<33.0	ZN-65	<20.3
ZR-95	<20.1	ZR-95	<18.8	ZR-95	<10.2
I-131	<34.2	I-131	<47.2	I-131	<17.5
CS-134	<30.0	CS-134	<19.3	CS-134	<12.8
CS-137	<11.6	CS-137	<15.4	CS-137	<14.3
0621	**CABBAGE**	**0919**	**TURNIP GREENS**	**1120**	**TURNIP GREENS**
BE-7	520+-231	BE-7	<276.6	BE-7	398.8+-139.0
K-40	3311+-608	K-40	3745.9+-622.1	K-40	5434.8+-555.7
MN-54	<17.9	MN-54	<17.6	MN-54	<14.3
CO-58	<21.9	CO-58	<24.7	CO-58	<12.6
FE-59	<39.2	FE-59	<47.3	FE-59	<28.5
CO-60	<23.1	CO-60	<27.8	CO-60	<10.2
ZN-65	<38.0	ZN-65	<45.6	ZN-65	<33.5
ZR-95	<26.4	ZR-95	<21.1	ZR-95	<16.2
I-131	<22.9	I-131	<43.7	I-131	<20.5
CS-134	<20.7	CS-134	<29.8	CS-134	<8.3
CS-137	<26.4	CS-137	<20.7	CS-137	<13.7

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Ingestion
Food/Garden Crops
(pCi/KG WET)
STATION NUMBER S-4
Gamma Spectrum Analysis

0531	CABBAGE	0718	CABBAGE	0919	CABBAGE
BE-7	379+-191	BE-7	328.9+-161.6	BE-7	1235.7+-298.7
K-40	2823+-452	K-40	3023.2+-420.0	K-40	2694.0+-563.5
MN-54	<19.9	MN-54	<14.9	MN-54	<28.8
CO-58	<15.9	CO-58	<12.9	CO-58	<14.4
FE-59	<23.2	FE-59	<51.9	FE-59	<32.2
CO-60	<20.7	CO-60	<14.6	CO-60	<15.3
ZN-65	<36.2	ZN-65	<21.0	ZN-65	<46.0
ZR-95	<19.2	ZR-95	<15.3	ZR-95	<30.4
I-131	<19.5	I-131	<46.1	I-131	<23.8
CS-134	<13.9	CS-134	<17.8	CS-134	<33.2
CS-137	<9.9	CS-137	<11.8	CS-137	<24.9
0621	**CABBAGE**	**0822**	**RHUBARB LEAVES**	**1024**	**CABBAGE**
BE-7	<246	BE-7	355+-149	BE-7	801.4+-165.1
K-40	3108+-588	K-40	3233+-342	K-40	2318.5+-286.8
MN-54	<25.7	MN-54	<13.4	MN-54	<15.7
CO-58	<19.8	CO-58	<8.1	CO-58	<8.8
FE-59	<15.5	FE-59	<25.8	FE-59	<13.2
CO-60	<29.4	CO-60	<6.7	CO-60	<12.1
ZN-65	<45.0	ZN-65	<27.1	ZN-65	<18.2
ZR-95	<30.3	ZR-95	<12.0	ZR-95	<10.5
I-131	<37.6	I-131	<14.2	I-131	<20.8
CS-134	<20.9	CS-134	<14.8	CS-134	<7.9
CS-137	<20.5	CS-137	<12.3	CS-137	<10.8

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Ingestion

Food/Garden Crops

(pCi/KG WET)
STATION NUMBER S-4
Gamma Spectrum Analysis

1120	RHUBARB LEAVES
BE-7	620.7+-280.0
K-40	7340.1+-816.5
MN-54	<14.6
CO-58	<23.3
FE-59	<41.4
CO-60	<13.7
ZN-65	<45.1
ZR-95	<26.0
I-131	<25.5
CS-134	<16.6
CS-137	<28.6

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Ingestion

Feed and Forage

(pCi/KG WET)
STATION NUMBER NR-D2
Gamma Spectrum Analysis

CORN (IRRIGATED)	1024
BE-7	<70.3
K-40	3289.7+-296.6
MN-54	<8.0
CO-58	<5.1
FE-59	<10.3
CO-60	<6.7
ZN-65	<9.7
ZR-95	<8.1
I-131	<9.0
CS-134	<11.1
CS-137	<5.1
SOYBEANS (IRRIGATED)	**1024**
BE-7	<92.9
K-40	17240.0+-700.8
MN-54	<7.0
CO-58	<11.9
FE-59	<33.1
CO-60	<11.5
ZN-65	<23.3
ZR-95	<13.1
I-131	<12.4
CS-134	<10.2
CS-137	<11.9

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Aquatic

Sediment/Silt

(pCi/KG DRY)
STATION NUMBER DC
Gamma Spectrum Analysis

0518	**BOTTOM SEDIMENT**
K-40	12949+-1285
MN-54	<65.8
CO-58	<53.6
FE-59	<166
CO-60	565+-71
ZN-65	<128
CS-134	<83.8
CS-137	296+-64
1003	**BOTTOM SEDIMENT**
K-40	14100+-1076
MN-54	<39.8
CO-58	<67.5
FE-59	<111
CO-60	415+-59
ZN-65	<141
CS-134	<67.2
CS-137	254+-42

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Aquatic

Sediment/Silt

(pCi/KG DRY)
STATION NUMBER DC1
Gamma Spectrum Analysis

1003	BOTTOM SEDIMENT
K-40	13855.0+-1156.0
MN-54	<49.2
CO-58	<67.0
FE-59	<121.8
CO-60	273.1+-58.6
ZN-65	<124.4
CS-134	<67.1
CS-137	210.9+-61.9

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Aquatic

Sediment/Silt

(pCi/KG DRY)
STATION NUMBER JRR
Gamma Spectrum Analysis

0518	BOTTOM SEDIMENT
K-40	17424+-1660
MN-54	<60.2
CO-58	<65.4
FE-59	<192
CO-60	<53.2
ZN-65	<106
CS-134	<61.4
CS-137	251+-122

1003	BOTTOM SEDIMENT
K-40	20186+-1479
MN-54	<44.1
CO-58	<77.8
FE-59	<226
CO-60	<46.8
ZN-65	<144
CS-134	<70.5
CS-137	173+-52

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Aquatic

Sediment/Silt

(pCi/KG DRY)
STATION NUMBER UHS1
Gamma Spectrum Analysis

0726	BOTTOM SEDIMENT
K-40	12982.0+-738.9
MN-54	<27.6
CO-58	<11.0
FE-59	<22.7
CO-60	<22.3
ZN-65	<42.2
CS-134	59.1+-24.3
CS-137	185.1+-34.3

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Aquatic

Sediment/Silt

(pCi/KG DRY)
STATION NUMBER UHS2
Gamma Spectrum Analysis

0726	BOTTOM SEDIMENT
K-40	10918.0+-617.1
MN-54	<23.4
CO-58	<8.7
FE-59	<35.9
CO-60	<22.2
ZN-65	<47.2
CS-134	<19.5
CS-137	108.4+-26.7

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Aquatic

Sediment/Silt

(pCi/KG DRY)
STATION NUMBER UHS3
Gamma Spectrum Analysis

0726	BOTTOM SEDIMENT
K-40	12095.0+-1000.0
MN-54	<37.9
CO-58	<49.8
FE-59	<125.1
CO-60	<44.5
ZN-65	<95.9
CS-134	<51.8
CS-137	183.1+-48.4

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Aquatic

Vegetation - Aquatic

(pCi/KG WET)
STATION NUMBER EEA
Gamma Spectrum Analysis

0522	ALGAE
BE-7	348+-187
K-40	2490+-412
MN-54	<11.5
CO-58	<18.0
FE-59	<31.2
CO-60	<15.8
ZN-65	<34.3
ZR-95	<14.2
CS-134	<18.2
CS-137	<15.6
BA-140	<17.0

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Aquatic

Vegetation - Aquatic

(pCi/KG WET)
STATION NUMBER MUDS
Gamma Spectrum Analysis

0823	**PONDWEED**
BE-7	683+-166
K-40	2765+-284
MN-54	<11.2
CO-58	<6.1
FE-59	<22.0
CO-60	<11.3
ZN-65	<20.4
ZR-95	<7.9
I-131	<41.6
CS-134	<12.3
CS-137	<10.8

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Aquatic

Vegetation - Aquatic

(pCi/KG WET)
STATION NUMBER WCL
Gamma Spectrum Analysis

1012	COONTAIL
BE-7	<173.4
K-40	4155.8+-503.2
MN-54	<13.6
CO-58	<16.8
FE-59	<49.8
CO-60	<22.0
ZN-65	<23.1
ZR-95	<14.4
I-131	<32.5
CS-134	<20.6
CS-137	<19.4

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Terrestrial

Vegetation - Terrestrial

(pCi/KG WET)
STATION NUMBER EEA
Gamma Spectrum Analysis

0522	PASTURAGE
BE-7	529+-287
K-40	6613+-770
MN-54	<17.1
CO-58	<30.0
FE-59	<58.4
CO-60	<15.0
ZN-65	<36.6
ZR-95	<25.5
I-131	<47.0
CS-134	<28.1
CS-137	<25.4

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Terrestrial

Vegetation - Terrestrial

(pCi/KG WET)
STATION NUMBER MUDS
Gamma Spectrum Analysis

0625	PASTURAGE
BE-7	2371+-530
K-40	5442+-775
MN-54	<16.3
CO-58	<20.3
FE-59	<65.9
CO-60	<14.2
ZN-65	<59.1
ZR-95	<46.6
I-131	<877
CS-134	<16.3
CS-137	<25.3

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Terrestrial

Soil

(pCi/KG DRY)
STATION NUMBER EEA
Gamma Spectrum Analysis

0522	SOIL
K-40	9578+-662
MN-54	<25.9
CO-58	<19.4
FE-59	<31.2
CO-60	<14.4
ZN-65	<46.6
CS-134	<18.2
CS-137	127.0+-32.5

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Terrestrial

Soil

(pCi/KG DRY)
STATION NUMBER MUDS
Gamma Spectrum Analysis

0625	SOIL
K-40	10912+-668
MN-54	<23.3
CO-58	<33.2
FE-59	<59.6
CO-60	<19.9
ZN-65	<48.2
CS-134	<31.4
CS-137	295.9+-37.8

Wolf Creek Nuclear Operating Corporation
Exposure Pathway - Terrestrial

Soil

(pCi/KG DRY)
STATION NUMBER Q1
Gamma Spectrum Analysis

1129	SOIL
K-40	11465.0+-868.5
MN-54	<38.7
CO-58	<36.5
FE-59	<92.2
CO-60	<31.2
ZN-65	<101.2
CS-134	<53.5
CS-137	226.8+-43.0