



2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: Young Well
EPA Number: 0311

Spearfish
Sampled: 05/20/15 at 07:54 AM
by Miles Burtzloff
Sample Matrix: Water

Lab ID#: 20150520952
Received: 05/20/15 at 12:25 PM
by Kate Shreves
Account: 9423 - City of Spearfish

ROBERT GLENN
CITY OF SPEARFISH
625 N. 5TH ST.
SPEARFISH, SD 57783

Parameter	Result	Units	DF	Method	Analyst/Date
Radiological					
Gross Alpha	4.40	pCi/L	1	E900.0	SYS 06/01/15
Radium-228	< 0.600	pCi/L	1	RA-05	SYS 06/02/15
Precision Data					
Gross Alpha precision	± 1.70	pCi/L	1	MC - Gross Alpha precision	SYS 06/01/15
Radium-228 precision	± 0.600	pCi/L	1	MC-Radium 228 precision	SYS 06/02/15

Notes:

Radiological analyses performed by Energy Laboratories.

Report Approved By:

Steve Distau

Report Approved On: 6/18/2015 9:48:55 AM



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Sample Site: Vigna Well
EPA Number: 0311

Sampled: 05/21/15 at 07:30 AM
by Gaby Wolff
Sample Matrix: Water

Lab ID#: 20150521935
Received: 05/21/15 at 01:05 PM
by Tanya Nelsen
Account: 9423 - City of Spearfish

ROBERT GLENN
CITY OF SPEARFISH
625 N. 5TH ST.
SPEARFISH, SD 57783

Parameter	Result	Units	DF	Method	Analyst/Date
Radiological					
Gross Alpha	6.50	pCi/L	1	E900.0	SYS 06/01/15
Radium-226	0.700	pCi/L	1	E903.0	SYS 06/15/15
Radium-228	< 0.800	pCi/L	1	RA-05	SYS 06/02/15
Precision Data					
Gross Alpha precision	± 2.10	pCi/L	1	MC - Gross Alpha precision	SYS 06/01/15
Radium-226 precision	± 0.200	pCi/L	1	MC-Radium 226 precision	SYS 06/15/15
Radium-228 precision	± 0.800	pCi/L	1	MC-Radium 228 precision	SYS 06/02/15

Notes:

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2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
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Sample Site: **Nevin Well**
EPA Number: 0311

Sampled: 05/20/15 at 08:15 AM
by Miles Burtzloff
Sample Matrix: Water

Lab ID#: 20150520955
Received: 05/20/15 at 12:25 PM
by Kate Shreves
Account: 9423 - City of Spearfish

ROBERT GLENN
CITY OF SPEARFISH
625 N. 5TH ST.
SPEARFISH, SD 57783

Parameter	Result	Units	DF	Method	Analyst/Date
Radiological					
Gross Alpha	2.30	pCi/L	1	E900.0	SYS 06/01/15
Radium-228	< 0.700	pCi/L	1	RA-05	SYS 06/02/15
Precision Data					
Gross Alpha precision	± 1.80	pCi/L	1	MC - Gross Alpha precision	SYS 06/01/15
Radium-228 precision	± 0.700	pCi/L	1	MC-Radium 228 precision	SYS 06/02/15

Notes:

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2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
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Sample Site: **Kyte Well**
EPA Number: 0311

Sampled: 05/20/15 at 09:31 AM
by Miles Burtzloff
Sample Matrix: Water

Lab ID#: 20150520951
Received: 05/20/15 at 12:25 PM
by Kate Shreves
Account: 9423 - City of Spearfish

ROBERT GLENN
CITY OF SPEARFISH
625 N. 5TH ST.
SPEARFISH, SD 57783

Parameter	Result	Units	DF	Method	Analyst/Date	
Radiological						
Gross Alpha	2.20	pCi/L	1	E900.0	SYS	06/01/15
Radium-228	< 0.600	pCi/L	1	RA-05	SYS	06/02/15
Precision Data						
Gross Alpha precision	± 2.50	pCi/L	1	MC - Gross Alpha precision	SYS	06/01/15
Radium-228 precision	± 0.600	pCi/L	1	MC-Radium 228 precision	SYS	06/02/15

Notes:
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2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
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Sample Site: **Ellingson Well**
EPA Number: 0311

Spearfish
Sampled: 05/20/15 at 08:25 AM
by Miles Burtzloff

Sample Matrix: Water

Lab ID#: 20150520950
Received: 05/20/15 at 12:25 PM
by Kate Shreves
Account: 9423 - City of Spearfish

ROBERT GLENN
CITY OF SPEARFISH
625 N. 5TH ST.
SPEARFISH, SD 57783

Parameter	Result	Units	DF	Method	Analyst/Date
Radiological					
Gross Alpha	< 1.70	pCi/L	1	E900.0	SYS 06/01/15
Radium-228	< 0.700	pCi/L	1	RA-05	SYS 06/02/15
Precision Data					
Gross Alpha precision	± 2.20	pCi/L	1	MC - Gross Alpha precision	SYS 06/01/15
Radium-228 precision	± 0.600	pCi/L	1	MC-Radium 228 precision	SYS 06/02/15

Notes:

Radiological analyses performed by Energy Laboratories.

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Steve Pistau

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2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: Dickey Well
EPA Number: 0311
Spearfish
Sampled: 05/20/15 at 09:41 AM
by Miles Burtzloff
Sample Matrix: Water

Lab ID#: 20150520954
Received: 05/20/15 at 12:25 PM
by Kate Shreves
Account: 9423 - City of Spearfish

ROBERT GLENN
CITY OF SPEARFISH
625 N. 5TH ST.
SPEARFISH, SD 57783

Parameter	Result	Units	DF	Method	Analyst/Date
Radiological					
Gross Alpha	5.10	pCi/L	1	E900.0	SYS 06/01/15
Radium-226	0.400	pCi/L	1	E903.0	SYS 06/15/15
Radium-228	< 0.700	pCi/L	1	RA-05	SYS 06/02/15
Precision Data					
Gross Alpha precision	± 1.90	pCi/L	1	MC - Gross Alpha precision	SYS 06/01/15
Radium-226 precision	± 0.100	pCi/L	1	MC-Radium 226 precision	SYS 06/15/15
Radium-228 precision	± 0.600	pCi/L	1	MC-Radium 228 precision	SYS 06/02/15

Notes:
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2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
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Sample Site: College Well
EPA Number: 0311
Spearfish
Sampled: 05/20/15 at 09:20 AM
by Miles Burtzloff
Sample Matrix: Water

Lab ID#: 20150520953
Received: 05/20/15 at 12:25 PM
by Kate Shreves
Account: 9423 - City of Spearfish

ROBERT GLENN
CITY OF SPEARFISH
625 N. 5TH ST.
SPEARFISH, SD 57783

Parameter	Result	Units	DF	Method	Analyst/Date
Radiological					
Gross Alpha	5.00	pCi/L	1	E900.0	SYS 06/01/15
Radium-228	< 0.800	pCi/L	1	RA-05	SYS 06/02/15
Precision Data					
Gross Alpha precision	± 1.60	pCi/L	1	MC - Gross Alpha precision	SYS 06/01/15
Radium-228 precision	± 0.700	pCi/L	1	MC-Radium 228 precision	SYS 06/02/15

Notes:
Radiological analyses performed by Energy Laboratories.

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Steve Disten

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