



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

Sampled: 05/20/15 at 07:54 AM
by Miles Burtzloff

Sample Matrix: Water

Lab ID#: 20150520946
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	MDL	PQL	Method	Analyst/Date
Non-Metallics							
Nitrogen, Nitrate (NO3)	0.163	mg/L	1	0.010	0.050	SM 4500-NO3 F	BLL 05/21/15

Report Approved By:

Steve Distau

Report Approved On: 5/26/2015 1:25:47 PM



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

Sample Site: **Vigna Well**
EPA Number: 0311

Sampled: 05/20/15 at 07:25 AM
by Miles Burtzloff
Sample Matrix: Water

Lab ID#: 20150520945
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	MDL	PQL	Method	Analyst/Date
Non-Metallics							
Nitrogen, Nitrate (NO3)	< 0.500	mg/L	10	0.104	0.500	SM 4500-NO3 F	BLL 05/21/15

Report Approved By:

Steve Distau

Report Approved On: 5/26/2015 1:25:47 PM



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

Sample Site: **Nevin Well**
EPA Number: 0311

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

Sample Matrix: Water

Lab ID#: 20150520949
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	MDL	PQL	Method	Analyst/Date
Non-Metallics							
Nitrogen, Nitrate (NO3)	< 0.500	mg/L	10	0.104	0.500	SM 4500-NO3 F	BLL 05/21/15

Report Approved By:

Steve Pistan

Report Approved On: 5/26/2015 1:25:47 PM



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

Sample Site: **Kyte Well**
EPA Number: 0311

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

Lab ID#: 20150520944
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	MDL	PQL	Method	Analyst/Date
Non-Metallics							
Fluoride	0.658	mg/L	1	0.003	0.050	SM 4500 F-C	TMN 05/22/15
Nitrogen, Nitrate (NO3)	< 0.500	mg/L	10	0.104	0.500	SM 4500-NO3 F	BLL 05/21/15
Metals - Total							
Antimony (Sb)	< 0.005	mg/L	10	0.00038	0.005	EPA 200.8	TNA 05/22/15
Arsenic (As)	< 0.005	mg/L	10	0.00062	0.005	EPA 200.8	TNA 05/22/15
Barium (Ba)	0.181	mg/L	10	0.00031	0.005	EPA 200.8	TNA 05/22/15
Beryllium (Be)	< 0.001	mg/L	10	0.00025	0.001	EPA 200.8	TNA 05/22/15
Cadmium (Cd)	< 0.001	mg/L	10	0.00018	0.001	EPA 200.8	TNA 05/22/15
Chromium (Cr)	< 0.001	mg/L	10	0.00004	0.001	EPA 200.8 DRC	TNA 05/22/15
Mercury (Hg)	< 0.0002	mg/L	1	0.0242	0.0002	EPA 245.1	GRT 05/22/15
Nickel (Ni)	< 0.005	mg/L	10	0.00009	0.005	EPA 200.8	TNA 05/22/15
Selenium (Se)	< 0.005	mg/L	10	0.001	0.005	EPA 200.8	TNA 05/22/15
Thallium (Tl)	< 0.001	mg/L	10	0.00003	0.001	EPA 200.8	TNA 05/22/15

Report Approved By:

Steve Distau

Report Approved On: 5/26/2015 1:25:47 PM



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

Sample Site: Ellingson Well
EPA Number: 0311
Spearfish
Sampled: 05/20/15 at 08:25 AM
by Miles Burtzloff
Sample Matrix: Water

Lab ID#: 20150520943
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	MDL	PQL	Method	Analyst/Date	
Non-Metallics								
Fluoride	4.72	mg/L	2	0.007	0.100	SM 4500 F-C	TMN	05/22/15
Nitrogen, Nitrate (NO3)	< 0.500	mg/L	10	0.104	0.500	SM 4500-NO3 F	BLL	05/21/15
Metals - Total								
Antimony (Sb)	< 0.005	mg/L	10	0.00038	0.005	EPA 200.8	TNA	05/22/15
Arsenic (As)	< 0.005	mg/L	10	0.00062	0.005	EPA 200.8	TNA	05/22/15
Barium (Ba)	0.116	mg/L	10	0.00031	0.005	EPA 200.8	TNA	05/22/15
Beryllium (Be)	< 0.001	mg/L	10	0.00025	0.001	EPA 200.8	TNA	05/22/15
Cadmium (Cd)	< 0.001	mg/L	10	0.00018	0.001	EPA 200.8	TNA	05/22/15
Chromium (Cr)	< 0.001	mg/L	10	0.00004	0.001	EPA 200.8 DRC	TNA	05/22/15
Mercury (Hg)	< 0.0002	mg/L	1	0.0242	0.0002	EPA 245.1	GRT	05/22/15
Nickel (Ni)	< 0.005	mg/L	10	0.00009	0.005	EPA 200.8	TNA	05/22/15
Selenium (Se)	< 0.005	mg/L	10	0.001	0.005	EPA 200.8	TNA	05/22/15
Thallium (Tl)	< 0.001	mg/L	10	0.00003	0.001	EPA 200.8	TNA	05/22/15

Report Approved By:

Steve Distau

Report Approved On: 5/26/2015 2:22:56 PM



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

Sampled: 05/20/15 at 09:41 AM
by Miles Burtzloff
Sample Matrix: Water

Lab ID#: 20150520948
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	MDL	PQL	Method	Analyst/Date
Non-Metallics							
Nitrogen, Nitrate (NO3)	< 0.500	mg/L	10	0.104	0.500	SM 4500-NO3 F	BLL 05/21/15

Report Approved By:

Steve Distau

Report Approved On: 5/26/2015 1:25:47 PM



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

Sample Site: College Well
EPA Number: 0311

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

Lab ID#: 20150520947
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	MDL	PQL	Method	Analyst/Date
Non-Metallics							
Nitrogen, Nitrate (NO3)	< 0.500	mg/L	10	0.104	0.500	SM 4500-NO3 F	BLL 05/21/15

Report Approved By:

Steve Distau

Report Approved On: 5/26/2015 1:25:47 PM