27. CLASS BJ TRUCK UTILITY ALL WHEEL DRIVE: 4 DOOR

Wegner Auto
Dodge Durango Special Service
Contract 17149

- Engine, 5.7 Liter V-8 355 HP
- Seating Capacity 5 Passengers
- Cargo Volume 70 Cubic Feet
- Overall Length 202"
- Transmission, Automatic, OD
- Police engine cooling package
- 220 Amp Alternator
- 750 CCA Heavy duty battery
- Interior center mounted Police dome light with red and white illumination
- Backup Camera
- Power Door Locks
- Power Windows
- Power locks
- Radio, AM/FM with auxiliary audio port/usb
- Air Bags, Side Impact
- Rear Heat and Air Conditioning
- Police wiring and interior power supply for lighting/police equipment
- Cruise Control/Tilt
- Floor Covering, Carpet
- Guard, Skid Plate Package – Manufacturer's Standard (includes skid plates for the fuel tank, transfer case and front suspension)
- Towing Capacity 5000 pounds
- Heavy duty suspension, police rated (PPV)
- Brakes – ABS, 4-wheel disc brakes
- Trailer Tow pkg., Cooler, Engine Oil Cooler, Cooler, Transmission
- Mirrors, Right & Left Outside
- Rear Window Defroster
- Seats, Front, Bucket, Cloth
- Power adjustable driver's seat
- Seat Covering heavy duty cloth
- Wipers, Multiple Speed
- Wiper, Rear Window
- Dark tinted glass
- Factory Freight

Delivery 120-150 days	Base Cost 28553
• Bluetooth Capability	$595
• Light, Spot Light, Post Mounted 6" (black housing)	$690
• Light, Spot Light, Roof Mounted 6"	$690
• Engine block heater	$195
• Daytime Running Lights	$240
• Full Size Spare	$395
• Push Bar	$1290
• Fog Lights	$325
• CD Player	$595
• Full Center Console	$450
• Paint upgrade charge, dealer must specify which colors have an upgrade charge	$695

ORDINANCE 2017-__

AN ORDINANCE ESTABLISHING HOW SECTION LINE ROADS ARE DEPICTED ON PLATS

WHEREAS, clear title and ownership of land is important for assessment and taxing purposes.

WHEREAS, the Fall River County Commission has been advised by local surveyors, the Register of Deed and the Director of Equalization of the issues related to section line roads that are neither dedicated to the public nor included within the boundaries of new plats.

All plats submitted to the Fall River County Commissioners shall comply with the following:

The landownership boundary on any plat bordering a section line will extend all the way to the section line regardless of the existence of a county or other road unless the owner does not hold title to said right of way.

First Reading:
Second Reading:

Fall River County Commissioner

Attest:

Golden West TECHNOLOGIES
2727 N Plaza Dr.
Rapid City, SD 57702
Phone 605-348-6529 Fax 605-342-1160

Quote

No.: **57987**

Date: 2/5/2018

Prepared for:

Fall River Co Auditor
906 N River Street
Hot Springs, SD 57747 U.S.A.

Account No.: 1889
Phone: (605) 745-5145
Fax: (605) 745-3530

Qty	Description	UOM	Sell	Total
1.00	Prepaid Support Agreement	EA	$2,500.00	$2,500.00

Your Price: **$2,500.00**

Total: **$2,500.00**

Prices are firm until 2/19/2018

Prepared by: Eric Eisenbraun, ericeisenbraun@goldenwest.com **Date:** 2/5/2018

Prepaid Labor $2,500. Customer has 12 months to use.

Accepted by: _____ **Date:**_____

Disclaimer

Unless otherwise specified, all labor is charged on a time and materials basis. Any additional service charge or travel will apply.
Applicable taxes and/or additional freight charges may be added on to the invoice.
Terms: 30% down payment required for sales of $ 5,000.00 or more, with the balance due Net 15 days of invoicing.

the
SOUTH DAKOTA
EMERGENCY MANAGEMENT ASSOCIATION

certifies that

FRANKLIN MAYNARD

Having met the standards of professionalism
established by the Association
is hereby designated

CERTIFIED EMERGENCY MANAGER – Advanced

January 2, 2018
DATE

sdem
SOUTH DAKOTA
EMERGENCY MANAGEMENT
ASSOCIATION

3561 Whitewood Rd • Box 636
Sturgis, SD 57785
Ph: 605.347.2722
BROSZ ENGINEERING, INC.
ARCHITECTURE ENGINEERING SURVEYING

SCREEN ANALYSIS AND P.I. WORKSHEET

COUNTY: Fall River
PROJECT: 17-701
BEI #:

SAMPLE NO.: 1 | DATE SAMPLED: | DATE TESTED: 11-30-2017
SAMPLED BY: | TESTED BY: Chad Erk | CHECKED BY: JHE
MATERIAL TYPE: | SOURCE:
WEIGHT TICKET NUMBER OR STATION: | LIFT:

% moist. = (wet wt. 5661.4 - dry wt.) / dry wt. x 100 = 4.2%
ORIGINAL DRY SAMPLE WT. (0.1 g) 5434.7

sieve size mm	sieve size in	Retained (0.1g)	% total ret. (0.1%)	Acc.% pass. (0.1%)	Acc.% pass. (rounded)	SPEC REQ.
50	2					
37.52	1 1/2					
31.5	1 1/4					
25	1					
19	3/4	0.0		100.0	100	100
16	5/8	108.6	2.0	98.0	98	
12.5	1/2	477.5	8.8	89.2	89	70-98
9.5	3/8	464.2	8.5	80.7	81	
6.3	1/4	529.5	9.7	71.0	71	
4.75	#4	296.6	5.5	65.5	66	50-78
	PAN	3557.8	65.5	wt. before washing(0.1 g)		
	TOTAL	5434.2		wt. after washing (0.1 g)		
				loss from washing		#VALUE!
+#4 Gradation check			0.01%	% - #200 in + #4		#VALUE!

L. L., P. L., and P. I.

		L.L.	P.L.
a. can number		17	36
b. wt. can + wet soil	(.01 g)	22.40	20.41
c. wt. can + dry soil	(.01 g)	20.19	18.90
d. wt. of water (b - c)	(.01 g)	2.21	1.51
e. wt. of can	(.01 g)	10.21	10.28
f. wt. of dry soil (c - e)	(.01 g)	9.98	8.62
g. Liquid Limit(d/f x j x 100)	(0.1)	22.5	N.A.
h. Plastic Limit (d/f x 100)	(0.1)	N.A.	17.5
i. P. I. (g - h)	(0.1)	5.0	
Liquid Limit (g rounded)		23	N.A.
Plasticity Index (i rounded)		5	

j. corr. # blows 28 — 22 = 0.9846, 23 = 0.9899, 24 0.9952
25 = 1.0000, 26 = 1.0050, 27 = 1.0100, 28 = 1.0138

wt. - #40 190.0 ÷ wt. - #4 343.9 x % pass.#4 = 36.2%
(± 3.0% VARIABLE of Acc. % pass. (0.1%) on the #40)

SPECIFICATION L.L. max.
SPECIFICATION P.I. max. 6-12

sieve size mm	#	Retained (0.1g)	% total ret. (0.1%)	% total x % pa.#4(0.1%)	Acc.% pass. (0.1%)	Acc.% pass. (rounded)	SPEC. REQ.
2.36	8	66.8	13.3	8.7	56.8	57	37-67
2.00	10						
1.18	16	71.3	14.2	9.3	47.5	48	
0.85	20						
0.60	30	79.4	15.8	10.3	37.2	37	
0.43	40	29.6	5.9	3.9	33.3	33	13-35
0.30	50						
0.18	80						
0.150	100	86.5	17.2	11.3	22.0	22	
0.075	200	64.6	12.9	8.4	13.6	13.6	4.0-15.0
PAN	dry	20.0	103.4	13.5	wt. before washing(0.1 g)		502.0
PAN	wash	83.4	20.60		wt. after washing (0.1 g)		418.6
	TOTAL	501.6			loss from washing (- #200)		83.4

+ #4 % PARTICLES LESS THAN 1.95 SP.GR.

Specific gravity of solution (1.95 ± 0.01)		
wt. of lightweight particles	(0.1 g)	
weight of + #4 material	(0.1 g)	
% lightweight particles		######
SPECIFICATION maximum		

- #4 % PARTICLES LESS THAN 1.95 SP.GR.

Specific gravity of solution (1.95 ± 0.01)		
wt. of lightweight particles	(0.1 g)	
weight of - #4 material	(0.1 g)	
% lightweight particles		######
SPECIFICATION maximum		

Coarse___ X %Retained/Design_____ = #VALUE!
Fines___ X %Retained/Design_____ = 13.49
total combined - #200 #VALUE!

- #4 Gradation check
within 0.3 % of the 0.08%
wt. before washing

Na.Rock	-	Na.Fines	-	Cr.Fines	-
Cr.Rock	-	Na. Sand		Ma.Sand	
Filler					

CRUSHED PARTICLES TEST

weight of crushed pieces	(0.1 g)	1120.1
weight of total + #4 sample	(0.1 g)	1586.2
percent of crushed pieces	(%Whole)	71%
SPECIFICATION 30	or more FF, min.	

COMMENTS: Failed on the PI

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SCREEN ANALYSIS AND P.I. WORKSHEET

COUNTY: Fall River
PROJECT: 17-701
BEI #:

SAMPLE NO. 2 | DATE SAMPLED 12-06-2017 | DATE TESTED 12-06-2017
SAMPLED BY Randy | TESTED BY Chad Erk | CHECKED BY JHE
MATERIAL TYPE Gravel Surfacing | SOURCE Schumonic Pit
WEIGHT TICKET NUMBER OR STATION | LIFT

% moist. = (wet wt. 5439.2 - dry wt.) / dry wt. x 100 = 4.9%
ORIGINAL DRY SAMPLE WT. (0.1 g) 5186.2

sieve size mm	sieve size in	Retained (0.1g)	% total ret. (0.1%)	Acc.% pass. (0.1%)	Acc.% pass. (rounded)	SPEC REQ.
50	2					
37.52	1 1/2					
31.5	1 1/4					
25	1					
19	3/4	0.0		100.0	100	100
16	5/8	85.2	1.6	98.4	98	
12.5	1/2	364.2	7.0	91.4	91	70-98
9.5	3/8	496.6	9.6	81.8	82	
6.3	1/4	584.3	11.3	70.5	71	
4.75	#4	357.0	6.9	63.6	64	50-78
PAN		3298.7	63.6	wt. before washing(0.1 g)		
TOTAL		5186.0		wt. after washing (0.1 g)		
				loss from washing		#VALUE!
+#4 Gradation check			0.00%	% - #200 in + #4		#VALUE!

L. L., P. L., and P. I.

		L.L.	P.L.
a. can number		17	36
b. wt. can + wet soil	(.01 g)	21.01	18.75
c. wt. can + dry soil	(.01 g)	18.60	17.57
d. wt. of water (b - c)	(.01 g)	2.41	1.18
e. wt. of can	(.01 g)	10.22	10.21
f. wt. of dry soil (c - e)	(.01 g)	8.38	7.36
g. Liquid Limit(d/f x j x 100)	(0.1)	28.5	N.A.
h. Plastic Limit (d/f x 100)	(0.1)	N.A.	16.0
i. P. I. (g - h)	(0.1)	12.5	
Liquid Limit (g rounded)		29	N.A.
Plasticity Index (i rounded)		13	

j. corr. # blows 23 — 22 = 0.9846, 23 = 0.9899, 24 0.9952
25 = 1.0000, 26 = 1.0050, 27 = 1.0100, 28 = 1.0138

wt. - #40 146.7 ÷ wt. - #4 434.1 x % pass.#4 = 21.5%
(± 3.0% VARIABLE of Acc. % pass. (0.1%) on the #40)

SPECIFICATION L.L. max.
SPECIFICATION P.I. max. 6-12

sieve size mm	sieve size #	Retained (0.1g)	% total ret. (0.1%)	% total x % pa.#4(0.1%)	Acc.% pass. (0.1%)	Acc.% pass. (rounded)	SPEC. REQ.
2.36	8	99.6	19.5	12.4	51.2	51	37-67
2.00	10						
1.18	16	98.0	19.2	12.2	39.0	39	
0.85	20						
0.60	30	90.1	17.6	11.2	27.8	28	
0.43	40	29.9	5.9	3.8	24.0	24	13-35
0.30	50						
0.18	80						
0.150	100	72.1	14.1	9.0	15.0	15	
0.075	200	41.3	8.1	5.2	9.8	9.8	4.0-15.0
PAN	dry	13.9	79.4	9.9	wt. before washing(0.1 g)		510.9
PAN	wash	65.5	15.54		wt. after washing (0.1 g)		445.4
TOTAL		510.4			loss from washing (- #200)		65.5

+ #4 % PARTICLES LESS THAN 1.95 SP.GR.

Specific gravity of solution (1.95 ± 0.01)		
wt. of lightweight particles	(0.1 g)	
weight of + #4 material	(0.1 g)	
% lightweight particles		######
SPECIFICATION maximum		

- #4 % PARTICLES LESS THAN 1.95 SP.GR.

Specific gravity of solution (1.95 ± 0.01)		
wt. of lightweight particles	(0.1 g)	
weight of - #4 material	(0.1 g)	
% lightweight particles		######
SPECIFICATION maximum		

Coarse___ X %Retained/Design_____ = #VALUE!
Fines___ X %Retained/Design_____ = 9.88
total combined - #200 #VALUE!

- #4 Gradation check
within 0.3 % of the wt. before washing 0.10%

Na.Rock _ Na.Fines _ Cr.Fines _
Cr.Rock _ Na. Sand _____ Ma.Sand _____
Filler _____

CRUSHED PARTICLES TEST

weight of crushed pieces	(0.1 g)	1045.9
weight of total + #4 sample	(0.1 g)	1538.1
percent of crushed pieces	(%Whole)	68%
SPECIFICATION 30	or more FF, min.	

COMMENTS: Failed on the PI

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SCREEN ANALYSIS AND P.I. WORKSHEET

COUNTY: Fall River
PROJECT: 17-701
BEI #:

SAMPLE NO. 3 | DATE SAMPLED 12-12-2017 | DATE TESTED 12-13-2012
SAMPLED BY Randy | TESTED BY Chad Erk | CHECKED BY JHE
MATERIAL TYPE Gravel Surfacing | SOURCE Schumonic Pit
WEIGHT TICKET NUMBER OR STATION | LIFT

% moist. = (wet wt. 6091.6 - dry wt.) / dry wt. x 100 = 5.3%
ORIGINAL DRY SAMPLE WT. (0.1 g) 5784.7

sieve size mm	sieve size in	Retained (0.1g)	% total ret. (0.1%)	Acc.% pass. (0.1%)	Acc.% pass. (rounded)	SPEC REQ.
50	2					
37.52	1 1/2					
31.5	1 1/4					
25	1			100.0	100	
19	3/4	9.9	0.2	99.8	100	100
16	5/8	70.2	1.2	98.6	99	
12.5	1/2	326.4	5.6	93.0	93	70-98
9.5	3/8	397.9	6.9	86.1	86	
6.3	1/4	455.4	7.9	78.2	78	
4.75	#4	364.0	6.3	71.9	72	50-78
PAN		4160.8	71.9	wt. before washing(0.1 g)		
TOTAL		5784.6		wt. after washing (0.1 g)		
				loss from washing		#VALUE!
+#4 Gradation check			0.00%	% - #200 in + #4		#VALUE!

L. L., P. L., and P. I.

		L.L.	P.L.
a. can number		3	12
b. wt. can + wet soil	(.01 g)	22.91	20.76
c. wt. can + dry soil	(.01 g)	19.82	19.32
d. wt. of water (b - c)	(.01 g)	3.09	1.44
e. wt. of can	(.01 g)	11.39	11.34
f. wt. of dry soil (c - e)	(.01 g)	8.43	7.98
g. Liquid Limit(d/f x j x 100)	(0.1)	37.0	N.A.
h. Plastic Limit (d/f x 100)	(0.1)	N.A.	18.0
i. P. I. (g - h)	(0.1)	19.0	
Liquid Limit (g rounded)		37	N.A.
Plasticity Index (i rounded)			19

j. corr. # blows 27 — 22 = 0.9846, 23 = 0.9899, 24 0.9952
25 = 1.0000, 26 = 1.0050, 27 = 1.0100, 28 = 1.0138

wt. - #40 184.3 ÷ wt. - #4 369.2 x % pass.#4 = 35.9%
(± 3.0% VARIABLE of Acc. % pass. (0.1%) on the #40)

SPECIFICATION L.L. max.
SPECIFICATION P.I. max. 6-12

sieve size mm	sieve size #	Retained (0.1g)	% total ret. (0.1%)	% total x % pa.#4(0.1%)	Acc.% pass. (0.1%)	Acc.% pass. (rounded)	SPEC. REQ.
2.36	8	69.8	13.2	9.5	62.4	62	37-67
2.00	10						
1.18	16	74.0	14.0	10.1	52.3	52	
0.85	20						
0.60	30	78.3	14.8	10.6	41.7	42	
0.43	40	33.3	6.3	4.5	37.2	37	13-35
0.30	50						
0.18	80						
0.150	100	102.5	19.4	13.9	23.3	23	
0.075	200	54.0	10.2	7.3	16.0	16.0	4.0-15.0
PAN	dry	14.0	117.1	15.9	wt. before washing(0.1 g)		528.8
PAN	wash	103.1	22.14		wt. after washing (0.1 g)		425.7
	TOTAL	529.0			loss from washing (-#200)		103.1

+ #4 % PARTICLES LESS THAN 1.95 SP.GR.

Specific gravity of solution (1.95 ± 0.01)		
wt. of lightweight particles	(0.1 g)	
weight of + #4 material	(0.1 g)	
% lightweight particles		######
SPECIFICATION maximum		

- #4 % PARTICLES LESS THAN 1.95 SP.GR.

Specific gravity of solution (1.95 ± 0.01)		
wt. of lightweight particles	(0.1 g)	
weight of - #4 material	(0.1 g)	
% lightweight particles		######
SPECIFICATION maximum		

Coarse___ X %Retained/Design_____ = #VALUE!
Fines___ X %Retained/Design_____ = 15.92
total combined - #200 #VALUE!

- #4 Gradation check
within 0.3 % of the -0.04%
wt. before washing

Na.Rock - Na.Fines - Cr.Fines -
Cr.Rock - Na. Sand ____ Ma.Sand ____
Filler ____

CRUSHED PARTICLES TEST

weight of crushed pieces	(0.1 g)	947.9
weight of total + #4 sample	(0.1 g)	1528.9
percent of crushed pieces	(%Whole)	62%
SPECIFICATION 30	or more FF, min.	

COMMENTS: Out on the #40, #200, & the PI

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ARCHITECTURE ENGINEERING SURVEYING

SCREEN ANALYSIS AND P.I. WORKSHEET

COUNTY: Fall River
PROJECT: 17-701
BEI #:

SAMPLE NO. 4 | DATE SAMPLED 12-14-2017 | DATE TESTED 12-15-2017
SAMPLED BY Randy | TESTED BY Chad Erk | CHECKED BY JHE
MATERIAL TYPE Gravel Surfacing | SOURCE Schumonic Pit
WEIGHT TICKET NUMBER OR STATION | LIFT

% moist. = (wet wt. 5684.2 - dry wt.) / dry wt. x 100 = 3.5%
ORIGINAL DRY SAMPLE WT. (0.1 g) 5494.2

sieve size mm	sieve size in	Retained (0.1g)	% total ret. (0.1%)	Acc.% pass. (0.1%)	Acc.% pass. (rounded)	SPEC REQ.
50	2					
37.52	1 1/2					
31.5	1 1/4					
25	1	0.0				
19	3/4	0.0		100.0	100	100
16	5/8	80.4	1.5	98.5	99	
12.5	1/2	304.3	5.5	93.0	93	70-98
9.5	3/8	322.9	5.9	87.1	87	
6.3	1/4	484.5	8.8	78.3	78	
4.75	#4	294.2	5.4	72.9	73	50-78
PAN		4008.1	73.0	wt. before washing(0.1 g)		
TOTAL		5494.4		wt. after washing (0.1 g)		
				loss from washing		#VALUE!
+#4 Gradation check			0.00%	% - #200 in + #4		#VALUE!

L. L., P. L., and P. I.

		L.L.	P.L.
a. can number		17	36
b. wt. can + wet soil	(.01 g)	21.74	18.85
c. wt. can + dry soil	(.01 g)	19.73	17.50
d. wt. of water (b - c)	(.01 g)	2.01	1.35
e. wt. of can	(.01 g)	10.22	10.21
f. wt. of dry soil (c - e)	(.01 g)	9.51	7.29
g. Liquid Limit(d/f x j x 100)	(0.1)	20.3	N.A.
h. Plastic Limit (d/f x 100)	(0.1)	N.A.	18.5
i. P. I. (g - h)	(0.1)	1.8	
Liquid Limit (g rounded)		20	N.A.
Plasticity Index (i rounded)		2	

j. corr. # blows 18 — 22 = 0.9846, 23 = 0.9899, 24 0.9952, 25 = 1.0000, 26 = 1.0050, 27 = 1.0100, 28 = 1.0138

wt. - #40 124.3 ÷ wt. - #4 409.3 x % pass.#4 = 22.1%
(± 3.0% VARIABLE of Acc. % pass. (0.1%) on the #40)

SPECIFICATION L.L. max.
SPECIFICATION P.I. max. 6-12

sieve size mm	#	Retained (0.1g)	% total ret. (0.1%)	% total x % pa.#4(0.1%)	Acc.% pass. (0.1%)	Acc.% pass. (rounded)	SPEC. REQ.
2.36	8	102.9	19.7	14.4	58.5	59	37-67
2.00	10						
1.18	16	120.6	23.1	16.8	41.7	42	
0.85	20						
0.60	30	96.5	18.5	13.5	28.2	28	
0.43	40	28.0	5.4	3.9	24.3	24	13-35
0.30	50						
0.18	80						
0.150	100	58.9	11.3	8.2	16.1	16	
0.075	200	39.7	7.6	5.5	10.6	10.6	4.0-15.0
PAN	dry	11.4	76.0	10.6	wt. before washing(0.1 g)	522.7	
PAN	wash	64.6	14.54		wt. after washing (0.1 g)	458.1	
	TOTAL	522.6			loss from washing (- #200)	64.6	

+ #4 % PARTICLES LESS THAN 1.95 SP.GR.

Specific gravity of solution (1.95 ± 0.01)		
wt. of lightweight particles	(0.1 g)	
weight of + #4 material	(0.1 g)	
% lightweight particles		######
SPECIFICATION maximum		

- #4 % PARTICLES LESS THAN 1.95 SP.GR.

Specific gravity of solution (1.95 ± 0.01)		
wt. of lightweight particles	(0.1 g)	
weight of - #4 material	(0.1 g)	
% lightweight particles		######
SPECIFICATION maximum		

Coarse___ X %Retained/Design_____ = #VALUE!
Fines___ X %Retained/Design_____ = 10.60
total combined - #200 #VALUE!

- #4 Gradation check
within 0.3 % of the wt. before washing: 0.02%

Na.Rock	-	Na.Fines	-	Cr.Fines	-
Cr.Rock	-	Na. Sand	____	Ma.Sand	____
Filler	____		____		____

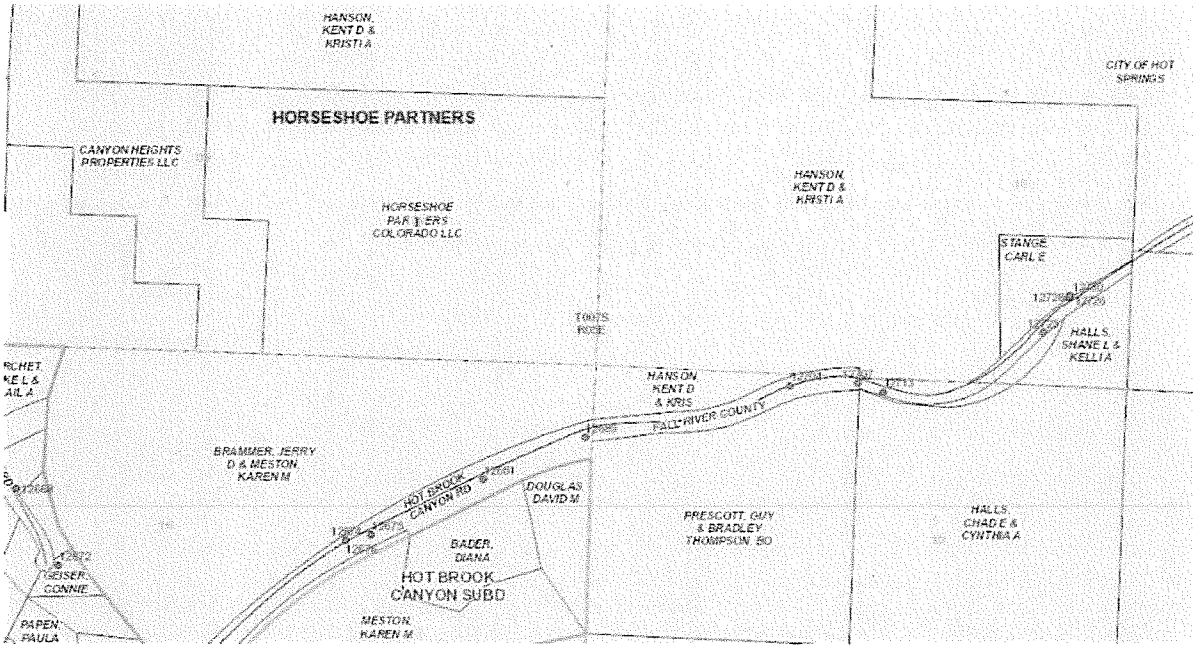
CRUSHED PARTICLES TEST

weight of crushed pieces	(0.1 g)	995.8
weight of total + #4 sample	(0.1 g)	1486.3
percent of crushed pieces	(%Whole)	67%
SPECIFICATION 30	or more FF, min.	

COMMENTS: PI is out

APPLICATION OF HORSESHOE PARTNERS COLORADO, LLC FOR A RIGHT-OF-WAY PURSUANT TO SDCL 31-22-2

1. Horseshoe Partners Colorado, LLC ("Horseshoe Partners") is the owner of the real property depicted immediately below.



"Horseshoe Property."

2. The Horseshoe Property consists of approximately 55 Acres.

3. The Horseshoe Property is located in Fall River County, South Dakota. The Fall River County Board of Commissioners has jurisdiction to hear the Horseshoe Application and decide if the Horseshoe property is an isolated tract of land.

4. Horseshoe submits this Application to the Board pursuant to SDCL 31-22-2.

5. The Horseshoe Property is an isolated tract of land, as defined by SDCL 31-22-1 Right to Access from Isolated Tract to Highway.

6. The Horseshoe Property is land-locked to the North, South, East and West.

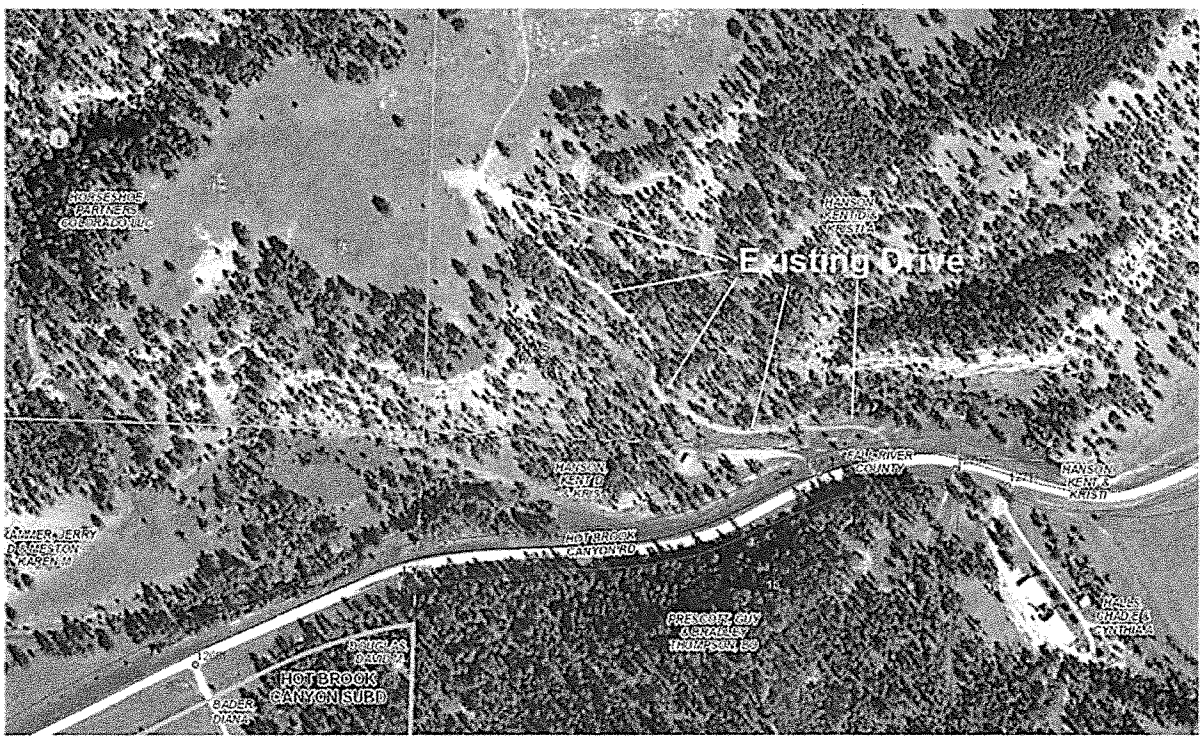
7. Due to steep terrain and a cliff face, the Horseshoe Property cannot be accessed via the section line between Section 9 and Section 10, T7S, R5E, BHM. No means of access exist, and the Horseshoe Property is an Isolated Tract as defined by law because a passable road cannot be built within the adjoining section line to connect to a passable highway.

8. Pursuant to SDCL 31-22-1, the Horseshoes property is an isolated tract of land containing at least ten acres not touched by a passable public highway.

9. Pursuant to SDCL 31-22-1, this isolated tract is further defined as an area which is either inaccessible by motor vehicle because of natural barriers from all other land owned by the owner of the isolated tract or is such an area which is not touched by a passable public highway, which is in use or reasonably usable for motor vehicles.

10. An existing private road exists and extends from Hot Brook Canyon Road to the Eastern side of the Horseshoe Property, located generally in the SW ¼ of the SW ¼ of Section 10 T7S, R53, BHM. ("Existing Drive").

11. The Existing Drive and its location in reference to the Horseshoe Property are set forth immediately below:



12. Horseshoe Partners, pursuant to SDCL 31-22-2, hereby identifies that it desires an easement over and upon the location of the Existing Drive. The Existing Drive is located on real property owned by Kent Hanson and Kristi Hanson.

13. Pursuant to SDCL 31-22-1, Horseshoe Partners sent the letter attached as **Exhibit A** to Kent Hanson and Kristi Hanson in the attempt to obtain an easement for the benefit of the Horseshoe Property over and upon the Existing Drive. Undersigned on behalf of Horseshoe Partners and Mr. Kent Hanson spoke on the telephone regarding attempts by Horseshoe Partners to purchase an easement from the Hanson's. The parties were unable to agree on the purchase of

an easement by Horseshoe Partners from the Hanson's. The Hanson's oppose any easement over any portion of their property for the benefit of the Horseshoe Property.

14. Pursuant to SDCL 31-22-3, the Board of County Commissioners shall consider the convenience of the parties in establishing the location of any right-of-way. The convenience of the parties and minimal cost, impact, and impairment, will occur by finding and declaring the location of the right-of-way over and upon the location of the Existing Drive.

15. Horseshoe Partners requests that pursuant to SDCL 31-22-2, that the Fall River County Board of Commissioners, cause written notice to be served upon the owner or owners of such surrounding land, giving notice of when such Board will visit such land and lay out one right-of-way across such surrounding land, and assess the damages therefor, which notice shall be served at least five days prior to the date set for such visit and appraisal.

16. The owners of such surrounding land, as contemplated by SDCL 31-22-2 and SDCL 31-22-3, include Kent Hanson and Kristi Hanson. Mr. Hanson has advised that Rocky Mountain Elk Foundation may have rights or interests in the Hanson's property via a conservation easement.

17. Horseshoe Partners requests that the Fall River County Board of County Commissioners set the visit to such land to take place within thirty (30) days of the date of this Application.

18. At, or following the visit to land and determination of the appropriate location of right-of-way, of not less than twenty-five feet nor more than sixty-five feet, that the Board of County Commissioners shall assess and determine the damage which the right-of-way is to the owners of the land across which it is laid.

19. Horseshoe Partners requests that the Board find, conduct, and perform such further and other actions as are required under SDCL 31-22-1 *et. seq.*

Respectfully submitted this 3rd day of February, 2018

HORSESHOE PARTNERS COLORADO, LLC

Douglas Norberg, Esq., Manager
8480 E. Orchard Road, Suite 5000
Greenwood Village, CO 80111
303-522-6986
dnorberg@gelmannorberg.com

HORSESHOE PARTNERS COLORADO, LLC
2943 E. Otero Circle
Centennial, CO 80122
303-522-6986

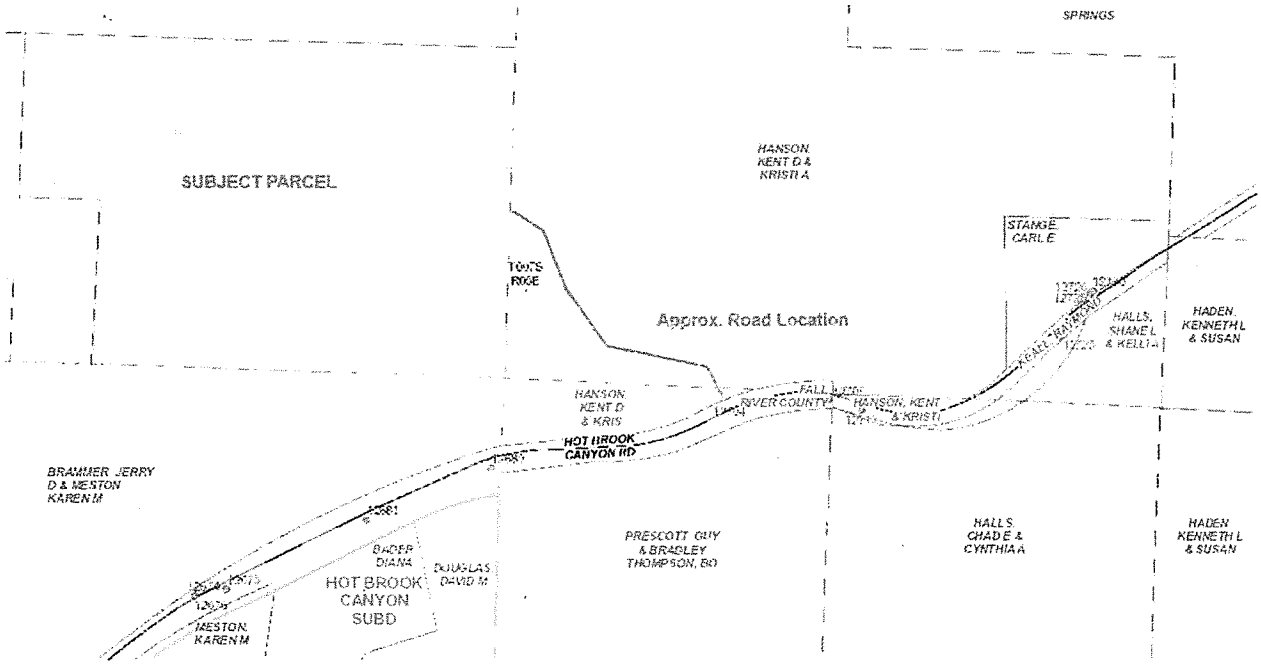
DOUGLAS NORBERG, ESQ. DBN.ESQ@GMAIL.COM

December 17, 2017

Kent Hanson
Kristi Hanson
12756 Hot Brook Canyon Road
Hot Springs, South Dakota, 57747-0000

Dear Mr. and Mrs. Hanson:

Horseshoe Partners Colorado, LLC is the owner of the subject parcel depicted below ("Subject Parcel"). As the new owner of the property, we are reaching out to you to discuss the possibility of an easement for purposes of ingress and egress to the Subject Parcel via the existing drive across your property (indicated by red line below):



The Subject Parcel identified above is land-locked and there is no other reasonable means of ingress or egress. Accordingly, we are hopeful that we can reach an agreement with you regarding access.

Per South Dakota statute, "every owner of an isolated tract of land containing at least ten acres not touched by a passable public highway…is entitled to an easement or right-of-way across adjacent lands to reach a public highway, which easement or right-of-way may be secured as provided in this chapter." SDCL 31-22-1. This chapter of South Dakota law provides the method for obtaining an access easement. It states that if no agreement can be reached with the adjacent landowners, the Board of County Commissioners will visit the site and determine the location of the easement. *See* SDCL 31-22-2 and 31-22-3. Accordingly, we are reaching out to you in hopes that we can reach a mutually satisfactory agreement regarding access without resorting to the statutory process.

I am anticipating being in Hot Springs shortly after Christmas and, if that works, would welcome an opportunity to meet with you to discuss in person.

Please contact me at your earliest convenience to discuss the matters set forth above, or hopefully, coordinate a meeting. I can be reached by email at dbn.esq@gmail.com or 303-522-6986.

Thank you in advance.

Very truly yours,

HORSESHOE PARTNERS COLORADO, LLC

Douglas Norberg, Member / Manager

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Printer Friendly (/Statutes/PrinterStatute.aspx?Type=Statute&Statute=31-22-2)

31-22-2. Inability to agree with servient landowner--Application to board of county commissioners--Contents of application--Notice to servient landowner--Contents of notice--Service of notice. If the owner of such an isolated tract is unable to agree with the owner of surrounding lands for purchase of a right-of-way from such isolated tract of land to a public highway, he may apply to the board of county commissioners for relief, making his application in writing and describing the isolated tract and the surrounding land over which a right-of-way is desired. The county commissioners shall thereupon cause to be served upon the owner or owners of such surrounding land a notice in writing of a time when such board will visit such land and lay out one right-of-way across such surrounding land, and assess the damages therefor, which notice shall be served at least five days prior to the date set for such visit and appraisal.

Source: SL 1935, ch 179, § 2; SDC 1939, § 28.0802.

Get Chapter 31-22 (/Statutes/Codified_Laws/DisplayStatute.aspx?Type=StatuteChapter&Statute=31-22)
Back to Chapter 31-22 (DisplayStatute.aspx?Statute=31-22&Type=Statute)

LEGISLATIVE RESEARCH COUNCIL
500 EAST CAPITOL AVENUE
PIERRE, SD 57501

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Printer Friendly (/Statutes/PrinterStatute.aspx?Type=Statute&Statute=31-22-1)

31-22-1. Right to access from isolated tract to highway. Every owner of an isolated tract of land containing at least ten acres not touched by a passable public highway or smaller tract of land containing at least five acres used or intended to be used in good faith in whole or in part for residential purposes is entitled to an easement or right-of-way across adjacent lands to reach a public highway, which easement or right-of-way may be secured as provided in this chapter. An isolated tract is further defined as an area which is either inaccessible by motor vehicle because of natural barriers from all other land owned by the owner of the isolated tract or is such an area which is not touched by a passable public highway, which is in use or reasonably usable for motor vehicles. A tract of land adjoining a section line right-of-way for at least sixty-six feet is not an isolated tract if a passable road can be built within the adjoining section line to connect to a passable public highway.

Source: SL 1935, ch 179, § 1; SDC 1939, § 28.0801; SL 1955, ch 101; SL 1970, ch 161; SL 2004, ch 198, § 1.

Get Chapter 31-22 (/Statutes/Codified_Laws/DisplayStatute.aspx?Type=StatuteChapter&Statute=31-22)
Back to Chapter 31-22 (DisplayStatute.aspx?Statute=31-22&Type=Statute)

LEGISLATIVE RESEARCH COUNCIL
500 EAST CAPITOL AVENUE
PIERRE, SD 57501

PRESS RELEASES (/LEGISLATIVE_SESSION/GENERAL/PRESSRELEASES.ASPX)
CAREERS (/CAREERS/)
CONTACT US (/CONTACT/)

2-20-18
Mtg

TIMELINE:

Summer 2014 – AG Land Review – Forms were sent out to all AG land owners. If we did not receive an AG form by the deadline, we changed the land to Non-AG status.

OST did not return AG form by deadline – DOE changed all 5 parcels to Non-AG status

March 1, 2015 – Assessment Notices sent out. – all 5 parcels were classed as Non-AG

No Appeal was filed by the OST to dispute the land values or classification

January, 2016 – Wild Horse Sanctuary called about the increase in the 2015 pay 2016 tax bill. They informed the DOE that as part of the lease agreement they had with OST, the horse sanctuary was responsible for paying the taxes. The DOE informed them that we had not received an AG form from the OST and that the AG status was removed.

March 1, 2016 – Assessment Notices sent out. – all 5 parcels were classed as Non-AG

No Appeal was filed by the OST to dispute the land values or classification

July 8, 2016 –DOE received a copy of the AG form from OST

July 19, 2016 – ABATEMENT request was filed by the OST for the 2015 pay 2016 tax bill to be adjusted for the difference between Non-AG and AG status. The Commissioners agreed to the ABATEMENT with the condition the DOE received a copy of the new lease agreement.

Minutes from the Commissioner Meeting July 19, 2016:

Denise Mesteth, Oglala Sioux Tribe Land Director, met with the Board to discuss abatement of taxes for Oglala Sioux Tribal owned land in Fall River County at the Wild Horse Sanctuary. Mesteth explained that they had an agreement with the Sanctuary that they pay the taxes for use of the land. An Agriculture land Audit had been sent to the tribe, which was not returned so the status of the land changed to non-Ag status. Mark Van Orman, Attorney explained that the agreement had been an ongoing agreement and that a new draft was being drawn up. Motion by Russell, seconded by Ortner to approve abatements and refunds for pay 2016 taxes as follows: parcel 19000-00804-18200, abatement - $637.02, refund - $517.95; 19000-00804-20100, abatement - $1,877.45, refund - $1,269.52; 19000-00804-20300, abatement - $1,877.45, refund - $1,362.82; 19000-00804-21200, abatement - $904.27, refund - $759.07; 19000-00804-28100, abatement $1,808.53, refund - $1,358.75. Reason – form returned and use qualifies for ag status. Falkenburg asked that a copy of the new lease agreement be supplied to the Director of Equalization within one month. Mesteth spoke to the Board and

believes that all land owned by the tribe should be tax exempt to learn tribal history. The Board feels taxed should be paid in Fall River County, so this could be a future issue.

October 18, 2016 – DOE informed the Commissioners we did not receive a lease agreement from OST yet. Commissioners advised DOE to keep classification as Non-AG for 2017 assessment.

Minutes from the Commissioner Meeting October 18, 2016:

Denise Mesteth of the Oglala Sioux Tribal Land Office did not appear for their 10:35 appointment.
Susie Simkins, Director of Equalization presented the Board a list with possible changes to abstracts. Simkins suggested changes now rather than abatements in the next fiscal year...
...Motion by Falkenburg, seconded by Russell to leave property owned by the Oglala Sioux Tribe as Non Ag as requested information has not been turned in.

February 27, 2017 – DOE received Lease Agreement from OST
Resolution No. 16-110 from Tribal Council – signed and dated 8-23-2016
Lease Agreement – signed and dated 1-11-2017

March 1, 2017 – Assessment Notices sent out. – all 5 parcels were classed as Non-AG

March 21, 2017 – ABATEMENT request was filed by the OST for the 2016 pay 2017 tax bill to be adjusted for the difference between Non-AG and AG status. The Commissioners denied this ABATEMENT request.

Minutes from the Commissioner Meeting March 21, 2017:

Mark Van Orman, OST Attorney, Chauncey Wilson, Tribal Councilman, Trudee Ecoffee, NRCS representative and Michael Her Many Horses met with the board to request abatements to their pay '17 tax bills to reflect agriculture status rather than non-ag on their 1247 acres they lease to the Institute of Range and the American Mustangs, (BH Wild Horse Sanctuary). Van Orman stated that the land has always been used as agriculture by grazing cattle, and is used for their winter pasture, and Her Many Horses spoke of the cultural and spiritual uses. Discussion was held on fencing of the area, and the assistance they are getting from the NRCS and whether or not it was used for ag purposes. Van Orman also noted they will ask for exempt status in the future. Motion made by Allen, seconded by Russell to approve abatement to reflect agriculture status. Discussion was held with Nabholz speaking of an issue with the timeline, reassurance

from Her Many Horse that there was a fence, and paperwork is now filed. By roll call vote, Russell and Allen voting yes, all others voting no, motion failed.

April 4, 2017 – DOE received appeal request forms from OST to appeal the classification on all 5 parcels.

SOUTH DAKOTA DEPARTMENT OF
GAME, FISH AND PARKS
523 EAST CAPITOL AVENUE | PIERRE, SD 57501

January 4, 2018

Fall River County Commissioners
906 N River
Hot Springs SD 57747

Dear County Commissioners,

Every county in South Dakota contributes to the state Animal Damage Control fund, per SDCL 40-36-11. These funds are combined with additional funding provided by South Dakota Game, Fish and Parks' (GFP) to operate its comprehensive Wildlife Damage Management (WDM) program. Please find the enclosed program report for GFP's WDM program for fiscal year 2017. This report highlights the important work our wildlife damage staff completed this past year, in cooperation with many private landowners/producers across South Dakota. I hope this report gives you a good understanding of our efforts regarding the assistance we provide to private landowners/producers to reduce impacts caused by wildlife. If you'd like a GFP representative to visit with your commission regarding topics within this report, please let me know and we can have that arranged. This report can also be viewed online at the following location:

http://gfp.sd.gov/wildlife/docs/wildlife-damage-report.pdf

If you have any questions or would like more information about GFP's WDM program, please feel free to contact me directly at (605.773.7595).

Best Regards,

Keith Fisk
Wildlife Damage Program Administrator

REGISTRATION FORM FOR OPTIONAL FIELD SEMINARS/TRIPS
2018 Western South Dakota Hydrology Meeting
April 20, 2018

(final details on field trips will be sent to registered participant's email, and posted on the website in early April)

Optional free field seminars/trips are being offered on a first-come, first-serve basis as part of the 2018 Western South Dakota Hydrology Conference. Professional development hours (PDHs) are available for the lecture portion of the field seminars/trips. To be eligible for these field seminars/trips, you must be pre-registered for the conference. Also, you must provide your own transportation to and from the site locations. Please select only 1 of the following:

Name: _____

____ Field trip #1: Tour of South Dakota School of Mines and Technology campus and laboratories
Description: Tour of various departments and facilities at SDSMT, visit with faculty about research projects, explore recently-completed building renovations.
Maximum attendees: 25
Leader: Galen Hoogestraat (USGS) and various SDSMT faculty
Meeting time: 8:30 to 11:30 a.m.
Meeting location: 8:30 a.m., SDSMT campus TBD
Duration: 3.0 hours (3.0 PDH)

____ Field trip #2: Rapid Creek in-stream fish habitat improvement projects
Maximum attendees: 25
Description: Visit stream habitat improvement projects completed by SD Game, Fish, and Parks, in Rapid Creek between Pactola Dam and Rapid City
Leaders: Jake Davis and John Carriero (South Dakota Department of Game, Fish, and Parks)
Meeting time: 8:30 a.m.
Meeting location: TBD
Duration: 3 hours (3.0 PDH)

____ Field trip #3: Jewel Cave National Monument geology tour
Note: This field trip is not yet confirmed – in the event it is cancelled and you'd like to attend a different field trip, please list an alternative field trip number here: _____
Maximum attendees: 25
Description: We will address the Jewel Cave fault and related geological features that led to the formation of Jewel Cave. Optional additional tour of Jewel Cave.
Leaders: Mike Wiles (NPS – Jewel Cave National Monument)
Meeting time: 8:00 a.m. (Rapid City area) or 9:00 a.m. at Jewel Cave visitor's center
Meeting location: TBD
Duration: 4 hours including travel (3.0 PDH)

REGISTRATION FORM
2018 Western South Dakota Hydrology Meeting
April 19, 2018
With optional field seminars/trips on April 20, 2018
Rushmore Plaza Civic Center – Rapid City, South Dakota

Name (as you wish it to appear on your badge):_____
Affiliation:_____
Address:_____
City:_____ State:_____ Zip:_____
Telephone:_____ Email_____

Registration fees (Please **circle** the fee that applies to you and indicate your total amount):

Category	Fees			Total amount
	Early-bird registration (before March 19)	Regular registration (after March 19)	Lunch[c]	
Professional[a,b]	$70	$100	Included	
Student/General public	Free	Free	$20 (optional)	

[a]Professional indicates that you are attending this meeting as part of your profession/organization or to enhance your professional career through professional development hours (PDHs) or continuing education credits.

[b]Registration fee includes lunch.

[c]Lunch will be buffet-style.

This form must be received by April 11, 2018, to guarantee a lunch reservation.

No fees will be refunded for cancellations after March 19, 2018. If you are unable to attend, a substitute may attend in your place.

For payment by check, please make checks payable to: Western South Dakota Hydrology Conference.

Mail to: Galen Hoogestraat, USGS, 1608 Mt. View Road, Rapid City, SD 57702

For payment by credit card, please fill out the following information:

Method of payment: Visa___ MasterCard___ Discover___

Name on credit card:_____

Billing street address:_____

Billing city and state_____ Billing zip code:_____

Credit card number:_____ Expiration Date (MM/YYYY Format):_____

Amount to charge: $_____

Signature:_____

(See next page for optional field seminar/trip registration)

2:30 – 2:50 p.m.	*Christmas Lake dam hydraulic analysis and redesign*– **T.J. Yerdon and Dennis Reep,** HDR Engineering, Inc.	*Tritium and carbon-14 dates in the Madison limestone aquifer, Black Hills area, South Dakota* – **Perry Rahn,** South Dakota School of Mines and Technology
2:50 – 3:10 p.m.	*Recollecting June 9, 1972: A personal chronicle* – **William J. Siok**	*Evaluation of streamflow depletion related to groundwater withdrawals in the Humboldt River Basin, Nevada* – **Bill Eldridge, Kyle Davis, Kip Allander, C. Justin Mayers, Cara Nadler, Murphy Gardner, and Michael Pavelko,** USGS
3:10 – 3:30 p.m.	**REFRESHMENT BREAK in Rushmore G – Sponsored by TBD**	
3:30 – 4:50 p.m.	**Concurrent Session 4A in Alpine Room – Geomorphology (1.5 PDH)** **Moderator – Lacy Pomarleau,** RESPEC	**Concurrent Session 4P in Ponderosa Room – Hydrology Potpourri (1.5 PDH)** **Moderator – Janet Carter,** U.S. Geological Survey
3:30 – 3:50 p.m.	*Developing a hydrologic model to study the effects of habitat restoration and the change in habitat on aquatic life* – **Mackenzie Kenney, Stu Geza, and Scott Kenner,** SDSM&T, and **Jake Davis,** S.D. Department of GF&P	*The complexity of water supply conveyances* – **Benjamin York and Kathleen Rowland,** U.S. Geological Survey
3:50 – 4:10 p.m.	*Bank accretion in the Green River (Utah) downstream of the Flaming Gorge Dam and Yampa River confluence* – **David Waterman,** South Dakota School of Mines and Technology	*Subsurface cave detection in Wind Cave National Park using microgravity surveying techniques* – **Colton Medler and Bill Eldridge,** U.S. Geological Survey
4:10 – 4:30 p.m.	*Comparison of geomorphic properties between functional process zones in the Great Basin* – **John Costello and Scott Kenner,** SDSM&T, **Nicholas Kotlinski,** Chicago Field Museum, and **James Thorp,** University of Kansas	*Site scale integrated decision support tool (i-DST) for stormwater management* – **Ali Shoajeizadeh and Stu Geza,** SDSM&T, **Colin Bell, Terri Hogue, John McCray,** Colorado School of Mines
4:30 – 4:50 p.m.	*Natural flow regimes for the major rivers of the Arctic Ocean Basin, Mongolia,* **Battsengel Dashdorj,** South Dakota School of Mines and Technology	*Biofilm engineering approaches for improving performance of bioelectrochemical systems for bioremediation of industrial effluents* – ***Navanietha Krishnaraj Rathinam and Rajesh K. Sani,*** South Dakota School of Mines and Technology
5:00 – 7:30 p.m.	**POSTER SESSION AND EVENING SOCIAL (with refreshments) in Rushmore G** **Sponsored by Energy Laboratories and Citizens Climate Education** **Moderator – Galen Hoogestraat,** U.S. Geological Survey	
	Modeling groundwater flow by coupling ensemble smoother and direct sampling method – **Zhendan Cao** and **Liangping Li,** South Dakota School of Mines and Technology	
	Dynamics of temperature, flow, and thermal refuge with implications on fisheries and macroinvertebrates in Rapid Creek – **Michaela Halvorson, Lisa Kunza,** South Dakota School of Mines and Technology, and **Jake Davis,** SDGF&P	
	Determination of the potential for detection and monitoring of brine spills in rangeland using remote sensing – **Patrick Kozak, Liangping Li, Bill Capehart, Heidi Sieverding, and James Stone,** South Dakota School of Mines and Technology	
	Examining streamflow losses along White River near Oglala, South Dakota – **Ryan Puzel, Liangping Li, and J. Foster Sawyer,** South Dakota School of Mines and Technology	
	Investigating nutrient distribution and land use in the Kootenai River Basin – **Emily Stickney** and **Lisa Kunza,** South Dakota School of Mines and Technology	
	Water quality comparison of two water years at Niobrara National Scenic River – **Darren Thornbrugh,** National Park Service	
	Soil column experiment and modeling nitrogen fate and transport from on-site rural septic systems in the South Dakota, Black Hills Area – **Raul Vasquez,** South Dakota School of Mines and Technology	
	The impacts of land use and land cover change on water quality in the Big Sioux River:2007-2016 – **Dinesh Shrestha,** South Dakota State University	
	Genome to phenome relationships for improving the performance of bioelectrochemical systems – **Navanietha Krishnaraj Rathinam, Pratha Sood, and Rajesh K Sani,** South Dakota School of Mines and Technology	
	Fate and transport of antineoplastic agents: detoxification mechanisms in drug-resistant microorganisms – **Navanietha Krishnaraj R, Dipayan Samanta, and Rajesh K Sani,** South Dakota School of Mines and Technology	

OPTIONAL FIELD SEMINARS/TRIPS – Friday, April 20, 2018

Times	Field Seminar/Trip
8:30 – 11:30 a.m.	Tour of South Dakota School of Mines and Technology campus and laboratories – **various faculty,** SDSM&T (3.0 PDH)
8:30 – 11:30 a.m.	Rapid Creek in-stream fish habitat improvement projects – **Jake Davis and John Carriero,** SDGFP (3.0 PDH)
8:00 a.m. – 12:00 p.m.	Jewel Cave National Park geology tour – **Mike Wiles,** National Park Service (3.0 PDH)

PRELIMINARY PROGRAM – SUBJECT TO CHANGE

2018 Western South Dakota Hydrology Conference Program

Thursday, April 19, 2018
Alpine/Ponderosa Rooms and Rushmore F and G – Rushmore Plaza Civic Center

7:00 – 8:00 a.m.	**REGISTRATION**	
8:00 – 10:00 a.m.	**Plenary Session 1 in Alpine and Ponderosa Rooms – Invited Speakers (1.5 PDH)** **Moderator – Joyce Williamson**, U.S. Geological Survey	
8:00 – 8:10 a.m.	Welcome, general information	**Joyce Williamson**, U.S. Geological Survey
8:10 – 8:20 a.m.	Opening remarks	**James Rankin,** President, South Dakota School of Mines and Technology
8:20 – 9:00 a.m.	Groundwater quality and fracking: current understanding and science needs	**Daniel Soeder**, Energy Resources Initiative, South Dakota School of Mines and Technology
9:00 – 9:30 a.m.	Facilitating tribal climate change adaptation planning and communicating climate change impacts in the Great Plains	**James Rattling Leaf, Sr.**, Coordinator, Climate Partnerships - Great Plains Tribal Water Alliance
9:30 – 10:00 a.m.	A brief status report - a changing climate	**Alan D. Anderson**, NOAA Commissioned Corps and U.S. Forest Service (Retired)
10:00 – 10:20 a.m.	**REFRESHMENT BREAK in Rushmore G – Sponsored by Citizens Climate Education**	
10:20 a.m. – 12:00 p.m.	**Concurrent Session 2A in Alpine Room – Changes and Discoveries (1.5 PDH)** **Moderator – Greg Delzer**, U.S. Geological Survey	**Concurrent Session 2P in Ponderosa Room – – Water Quality and Monitoring (1.5 PDH)** **Moderator – Megan Burke**, RESPEC
10:20 – 10:40 a.m.	*Understanding the relation between energy and water in the Williston Basin* – **Joanna Thamke,** U.S. Geological Survey	*The impact of mountain pine beetle infestation on surface water quality within the Upper Rapid Creek watershed of the Black Hills National Forest* – **Jesse Punsal, James Stone, Heidi Sieverding, and Scott Kenner**, SDSM&T, **Chuck Rhoades and Timothy Fegel**, U.S. Forest Service
10:40 – 11:00 a.m.	*Using multi-physics and multi-model regional climate model ensembles to assess climate resiliency in the Great Plains* – **Bill Capehart**, South Dakota School of Mines and Technology	*Blue Dog State Fish Hatchery (SFH) water quality improvements* – **Allan Erickson**, HDR Engineering, Inc.
11:00 – 11:20 a.m.	*Change-point analysis for nationwide peak streamflow* – **Karen Ryberg, Glenn Hodgkins, and Robert Dudley,** U.S. Geological Survey	*Environmental monitoring: applying advancements in instrumentation to overcome unique challenges* – **Pete Rausch,** RESPEC
11:20 – 11:40 a.m.	*Using surface and subsurface geology to estimate the true elevation of subterranean lakes at Jewel Cave, South Dakota* – **Mike Wiles, Eric Fiorentino, Gabriella Cerrati, Erin Hayward,** Jewel Cave National Monument, and **Daniel Heins,** University of Chicago	*Rapid deployable real-time monitoring technology For water resource data collection* – **Dave Hisz,** *North Dakota State Water Commission*
11:40 – 12:00 p.m.	*Modeling the hydrological impact of a dynamic land cover change for the Black Hills mountain pine beetle outbreak* - **Patrick Shaw, Scott Kenner, James Stone, and Heidi Sieverding**, South Dakota School of Mines and Technology	*The path forward – insight from directed stakeholder discussion at the 2017 Eastern South Dakota Water Conference* – **John McMaine, David Kringen, and Rachel McDaniel**, South Dakota State University
12:00 p.m. – 1:30 p.m.	**LUNCH in Rushmore F Room (1.0 PDH)** – with accompanying presentations **RESPEC: Jason Love** **John T. Loucks Distinguished Lecture** – "Colorado Springs utilities water treatment section response to the Waldo Canyon Fire" by **Jeff Crockett**, City of Rapid City Water Superintendent	
1:30 – 3:10 p.m.	**Concurrent Session 3A in Alpine Room – Emergency Response (1.5 PDH)** **Moderator – Melissa Smith**, NOAA/National Weather Service	**Concurrent Session 3P in Ponderosa Room – Groundwater (1.5 PDH)** **Moderator – Joanne Noyes**, South Dakota Department of Environment and Natural Resources
1:30 – 1:50 p.m.	*Municipal watershed wildfire hazard mitigation assessments* – ***Megan Burke,*** *RESPEC*	*Groundwater conditions in the Ararat Basin in Armenia*– **Janet Carter, Josh Valder, and Mark Anderson**, U.S. Geological Survey
1:50 – 2:10 p.m.	*Waldo Canyon Fire impacts to US 24 & emergency response plan* – **Richard Ommert and Dorothy Eisenbraun,** RESPEC	*Airborne electromagnetic (AEM) surveys of buried aquifer deposits in North Dakota,* **Rex Honeyman,** North Dakota State Water Commission
2:10 – 2:30 p.m.	*Impacts of local climate and weather on the Legion Lake Wildfire* – **Darren Clabo,** South Dakota State Fire Meteorologist	*Numerical simulation of groundwater flow in the High Plains aquifer system in southern South Dakota and northern Nebraska*– **Kyle Davis and Bill Eldridge,** U.S. Geological Survey

PRELIMINARY PROGRAM – SUBJECT TO CHANGE