

McKENZIE COUNTY APPROACH PERMIT

Permit **AF170824CH**

**PERMIT TO CONSTRUCT AN APPROACH TO A COUNTY MAINTAINED ROAD**

**Revised Application Effective May 12, 2014**

Arrow Field Services, LLC

of

10702 Highway 73, Keene, ND 58847

Approach Owner

Address, City, State & Zip

	Road where approach will be located	Section	Township (N)	Range (W)	Approach Type	If Multifamily, how many units? OR How many trucks per day?	For Official Use Only (Fee)
Approach 1	20th M St. NW CR37	21	149	98	CM	17	\$500.00
Approach 2	20th M St NW CR37	21	149	98	CM	17	\$500.00
<b>Total Fee:</b>							<b>\$1000.00</b>

Unmanned facility; access for routine inspection/maintenance and NGL loading of up to 17 tanker trucks per day.

**APPROACH USE**

Farm / Field Access (FF)

Limited use. Access to farm land or a field.

Residential- Single Family (SF)

Moderate use. Access to a single family home or farm.

Residential- Multi Family (MF)

High use. Access to multiple homes, farms, temporary housing including work camps.

Commercial (CM)

High truck use. Access to a commercial/industrial installation.

Oil Pad (OP)

Moderate truck use. Access to an Oil Pad.

Site Name: Arrow Gas Plant II

Email Address: curt.vanhoorn@crestwoodlp.com

Curt Van Hoorn

701-675-2048

Printed Name of Authorized Agent of the Contractor or Approach Owner

Telephone Number

WHERE SHOULD THE APPROVED PERMIT BE SENT TO:

Curt Van Hoorn

701-675-2048

Approach Owner or Agent Name for Approach Owner

Telephone Number

10702 Highway 73

Address

**EXHIBIT 5**

Address

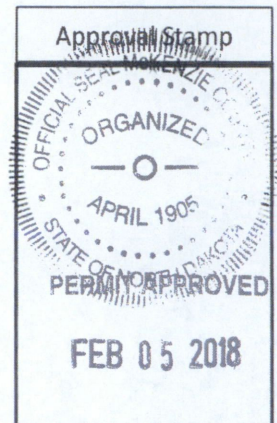
Keene, ND 58847

City, State & Zip Code

The Contractor must comply with all terms and conditions stated herein, especially the minimum engineering standards. Failure to comply with this CONDITIONAL CONSENT shall cause the contractor to be responsible for the costs incurred immediately or be responsible for the costs incurred the approach from right-of-way for non-compliance:



**PAID**



## Terms and Conditions

### Approach Specs

Top width: 24' minimum- 40' maximum

8:1 Minimum Slopes Required

Black Dirt & Seeding\* Required

Signs (if required)

Culvert (if required)

Applicant responsibility to

conduct hydrology study

to determine culvert size

Runoff Area (if required)

\*County Approved Grass Seed Mix- Check with owner before using  
Seed Mixture Per Live Seed

Grass Species lb/acre

Fairway Crested Wheat Grass 6

Slender Wheat Grass" 4

Russian Wild Rye 2

Oats 15

46-0-0 Fertilizer 20

" Pubescent Wheat Grass may be substituted

### Approach Location Rules

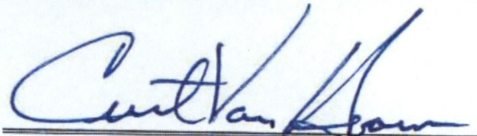
- Approaches must be staked prior to review. Any approach without a stake will be assessed a fee of \$200. No exceptions.
- Any unauthorized approaches will be assessed a fine of \$5,000
  - No building of approaches prior to approval
  - No use of existing change of use approach without approval
- Approaches must be a minimum of 500 ft. apart from each other
- Approaches must be a minimum of 500 ft. away from the junction of county roads and state highways.
- No more than 4 approaches per mile, per side of the road
- The county recommends culverts at a minimum size of 18 inch; however a hydrology study will have to be conducted by the applicant to determine the proper size for 25 year flood event. The county is not responsible for improper culvert installation.
- Applications must include map/plat to proposed location. Any application that does not have maps/plats of location will not be reviewed.
- Construction of approach must happen within 1 year or applicant must reapply.

Consent to construct an approach to a county maintained road is granted on these terms and conditions.

1. The Contractor must pay for all damage to the existing road caused by his activities.
2. The Contractor is responsible for any and all claims of damage, personal injury, or bodily injury that might result from their activities in McKenzie County. Furthermore, the Contractor agrees to indemnify and hold harmless McKenzie County for any and all claims of damage, either personal injury or property or any type of claim for damages of any nature whatsoever, whether valid or invalid, that is made against McKenzie County on account of the activities conducted by the Contractor.
3. The minimum road top width shall be 24 feet with adequate surfacing applies.
4. If required, a culvert sized adequately for a 25 year flood event shall be installed.
5. A clear sight stopping distance for the posted speed limit shall be used as a minimum clear sight distance.
6. If the approach will be used by the general public (as a section line road) a run off on the opposite side will be required. Signing will be required as shown in the current version of the "Manual of Uniform Traffic Control Devices". The installation and maintenance of the signs are the responsibility of the Contractor.
7. Any intersection that may constitute a hazard shall require dangerous intersection or other warning signs. These signs may be required after the construction of the approach if it proves to be a hazard to the public.
8. The approach shall be constructed with good workmanship so as to leave a neat appearing project.
9. Once completed the entire disturbed area with the exception of the road top shall be covered with black dirt and seeded with an approved seed mix.
10. Any disturbed area within the right-of-way shall be rehabilitated and seeded using a approved seed mix.
11. Maps and construction plans shall be included with this application.
12. Submit application once approach has been staked

AUTHORIZED AGENT OF THE CONTRACTOR

I, the undersigned, being an authorized agent of the Contractor described in the above, do hereby agree on behalf of the Contractor that all terms and conditions listed will be complied with, and any assignment of the approach described above shall include and assignment of this liability to comply with the terms and conditions as stated herein.



Signature of Authorized Agent of the Contractor or Approach Owner

8/24/17

Date

Landowner Permission Form


This certifies that McKenzie County Road Department personnel are authorized to enter upon the property of Arrow Field Services, LLC for the purpose of inspecting and approving the field-staked location for one proposed driveway for issuance of a McKenzie County Road Approach Permit.

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Permission is valid for the dates 8/24/2017 to 12/31/2017

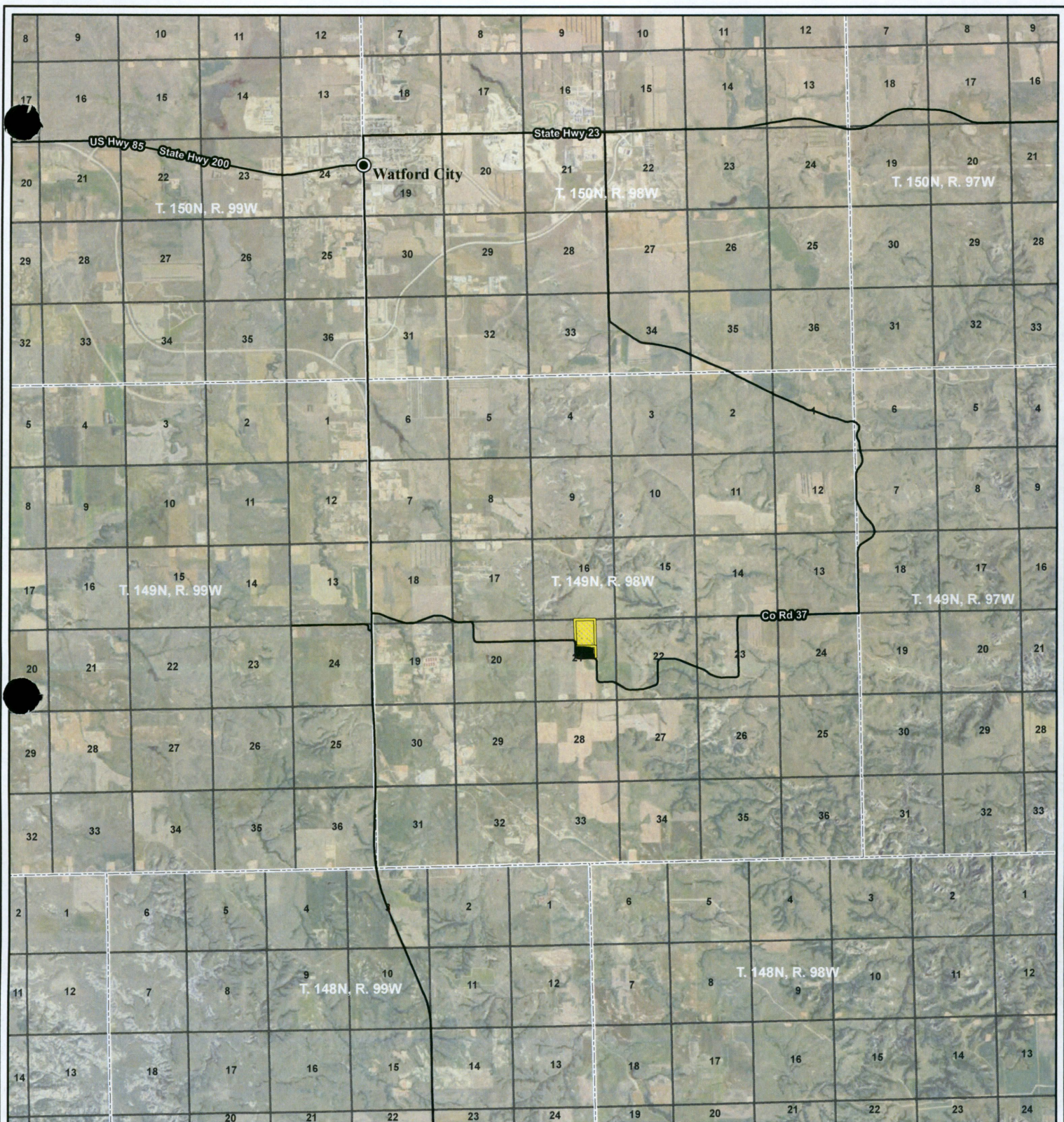
Participants assume the risk of entering the land and of taking part in above activities and release the landowner from liability.

8/24/17  
Date

  
Signature of Landowner / Lessee

701.675.2048  
Contact Number



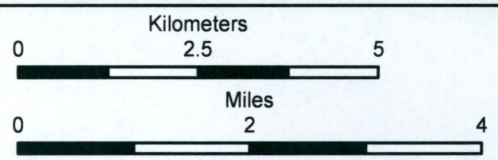


**Legend**

- City
- Township/Range Boundary
- Existing Road
- Existing Arrow Natural Gas Processing Plant
- Project Location
- Section Boundary



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 Bismarck, ND 58501  
 Phone: 701.258.6622  
 Fax: 701.258.5957  
 www.swca.com



Base Map: 2016 Aerial Imagery  
 Source: USDA/FSA -  
 Aerial Photography Field Office  
 Quadrangle: Tepee Buttes (1995)  
 Lone Butte NW (1995)  
 T. 149N, R. 98W  
 McKenzie County, North Dakota  
 Projection: NAD 1983 UTM Zone 13N



Arrow Field Services, LLC

Attn: Jim Dawson

Arrow Gas Plant Site

Section: 21 Township: 149 N Range: 98 W

McKenzie County, ND

**\*This image is meant to be used as a visual aid and is not intended to be used for geographical accuracy\***

