

# Lincoln County Floodplain Development Permit

Application # 2016 05 10 10  
YYYY / MM / DD / HR

Community 460277 Parcel # multiple Parcel # multiple  
Township Name Multiple Township # \_\_\_\_\_ Range # \_\_\_\_\_ Section # \_\_\_\_\_ Quarter \_\_\_\_\_ Quarter/Quarter \_\_\_\_\_  
Watercourse Name Beaver, Beaver Trip, Homestead, Tea Trib, unnamed 9mi2, Big Sioux  
Project Legal Description mutible  
Project Location / Directions North Lincoln County 274<sup>th</sup> - 275<sup>th</sup> St Memp Attack  
Project Description: Crude Oil Pipeline

**Applicant** Dakota Access LLC  
Address 1300 Main St  
City Houston TX State \_\_\_\_\_  
Phone # \_\_\_\_\_  
E-Mail \_\_\_\_\_

**Septic Installer** \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_  
Phone # \_\_\_\_\_  
E-Mail \_\_\_\_\_

**Contractor** Perennial Environmental  
Address 13100 Northwest Freeway Ste 160  
City Houston State TX  
Phone # \_\_\_\_\_  
E-Mail \_\_\_\_\_

**Surveyor** Wood Group Mustang Inc.  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_  
Phone # \_\_\_\_\_  
E-Mail \_\_\_\_\_

### Project Hazard Determination:

- Zone A Floodplain
- Zone AE Floodplain (Req. elev. certificate)
- Floodway (requires no-rise certification)
- Flood Hazard Buffer Area (TB-10-01Req)
- BFE from engineered study
- High Ponding Potential (GIS verified)

### Minimum Specifications:

- NA NAVD Base Flood Elevation at project site
- \_\_\_\_\_ NAVD Lowest Floor Elevation (BFE +1ft)
- \_\_\_\_\_ NAVD Flood proofing Elevation ( BFE +1ft)
- \_\_\_\_\_ NAVD Lowest Opening Elevation (BFE +1ft)
- \_\_\_\_\_ Sq ft Enclosure Minimum Opening (1sq in / sq ft floor)

**Attached Source Documents/Reports/Maps:** GIS site map (required) Subdivision Plans (when applicable) List Other: Site Plans + Specs

**Contacts:** (circle all that apply) (Person, phone, email) FEMA - SDCOF - SDGFP - Township - City - Association - District - Other

**Additional Findings and Considerations:** Pipeline bored method and trench method of installation  
Plans and Agency approvals and reviews provided indicate compliance for approval

PID: \_\_\_\_\_  
Owner: \_\_\_\_\_  
Address: \_\_\_\_\_  
Dev. Type: \_\_\_\_\_  
Inspections: Pre Foundation Finish

**Development Type:**

- Single Family Residential
- Multi-Family Residential
- Substantial Improvement
- Manufactured Home
- Nonresidential
- Rehabilitation
- Retrofit
- Subdivision
- Fill
- Grading
- Excavating
- Stabilization
- Channelization
- Channel Maintenance
- Channel Realignment
- Bridge/Culvert

Other/Explanation Utility

**Proposal Review Checklist:**

- Site development plan is complete and depicts flood hazard.
- Site development plan indicates location of septic system
- Lowest floor elevation is at least 1ft above the BFE.
- Structures within buffer lowest floor is max. 5ft below BFE.
- Structures within buffer lowest opening min. 1ft above BFE.
- Other:
- Manufactured home meets elevation and anchoring requirements.
- Engineer data provided for proposed map and floodway revision.
- Floodway Certification documents no increase in flood heights.
- Subdivision proposal minimizes flood damage & protects utilities

**Certifications:**

- Elevation Certificate certifies construction elevation:  
The as-built elevation of the building's lowest floor was certified as \_\_\_\_\_ NAVD \_\_\_\_\_ min  
The as-built elevation of the building's lowest opening was certified as \_\_\_\_\_ NAVD \_\_\_\_\_ min
- Flood proofing Certificate certifies flood proofing designs:  
The non-residential building's flood proofing level was certified as \_\_\_\_\_ NAVD \_\_\_\_\_ min
- Floodway No Rise Certification:  
Certified documentation by a registered professional engineer were calculated and verified to cause no rise to base flood elevations for proposed floodway alterations or development. Date received \_\_\_\_\_
- Fill Certificate:  
A community official certified the elevation, compaction, slope, and slope protection for all fill placed in the floodplain consistent with NFIP regulations Part 65.5 for map revisions. Date Received \_\_\_\_\_
- Reasonably Safe from Flooding  
Certification by Registered Professional Engineer or Licensed Surveyor with all supporting analyses and documentation used to make a determination was received for a proposed structures to be removed from the SFHA, endorsing that, if built according to plans it will be reasonably safe from flooding
- No Adverse Impact  
Certification by Registered Professional Engineer was received indicating the proposed project will have no adverse impact.

**Permit Action:**

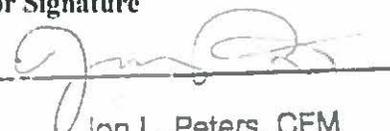
- Permit Approved: The information submitted for the proposed project was reviewed and is in compliance with approved floodplain management standards (site development plans are on file/structure is reasonably safe from flooding)
- Variance Granted: A variance was granted from the base flood elevations established by FEMA consistent with variance requirements of NFIP regulations Part 60.6 (variance action documentation is on file).
- Permit Denied: The proposal does not meet approved floodplain management standards (explanation on file).
- Stipulations: EC LOMC detailed site plan/hydrology

**In accepting this permit, the applicant understands that all conditions of the permit must be met, all other regulatory permits have been obtained, all certifications will be provided as required, and agrees to allow on-site inspections as needed during or after construction to determine compliance with this permit.**

**Applicant Signature**

  
Date 6/6/16

**Administrator Signature**

  
\_\_\_\_\_, CFM  
Jon L. Peters, CFM  
#US-11-05823  
Certified Floodplain Manager (CFM®)