

## MDU Heskett Station Water Line – Monthly Construction Project Report

Case No. PU-22-34

1 November 2022

**Project Overview** – The MDU Heskett Station water line is a new construction waterline that will tie into the City of Mandan water main to supply fire protection and service water to the Heskett Combustion Turbine site.

**Monthly Progress** – Carstensen Contracting Incorporated (CCI) has completed 100% of main waterline. All connections on MDU property have been completed and the line was isolated from the Heskett intake. Due to the delay in the delivery for the water meter we are still using the approved temporary which is read manually until the permanent meter arrives.

**Environmental** – BMPs were inspected and maintained as detailed in the SWPPP. No Environmental concerns to note.

**Cultural Impacts** – No items to report.

**Damage to UG Facilities** – No Items to report

**Landowner/Public Issues or Complaints** – No items to report.

**Permitting** – No items to report.

**Extraordinary Events** – No items to report.

**Safety** – No items to report.

**Additional Information** – The flood plain permit was closed and is provided as an attachment.



# MORTON COUNTY FLOODPLAIN DEVELOPMENT PERMIT

Filled out by Floodplain Administrator:	App #: 1007	Date Issued: 4/26/22	Date Compliant: 10/24/22
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## PROPERTY INFORMATION

Legal Description (section, township, lot, etc.):	Section 15, T. 139N., R. 81W
Address of Property:	500 Old Red Trail NE, Mandan, ND 58554

## CONTACT INFORMATION

*Applicant/Developer/Contractor*

Name: MDU-Andy McDonald	Phone: 701-222-7941	Email: andy.mcdonald@mdu.com
Mailing Address: 400 N 4th St. Bismarck, ND 58501		

*Property owner (if different than applicant)*

Name: Tesoro Refining & Marketing Company LLC	Phone: (701) 667-2400	Email:
Mailing Address: 500 Old Red Trail NE, Mandan, ND 58554		

*Additional Contact/Engineer (if necessary)*

Name: Jacob Hein	Phone: 701-222-7793	Email: jacob.hein@mdu.com
Mailing Address: 400 N 4th St. Bismarck, ND 58501		

## DEVELOPMENT PROPOSED

Check all that apply

A Building(s) (a walled and roofed structure)

### Activity

<input type="checkbox"/> New Structure	<input type="checkbox"/> Alteration	<input type="checkbox"/> Removal/Demolition	<input type="checkbox"/> Other (please specify)
<input type="checkbox"/> Addition	<input type="checkbox"/> Replacement	<input type="checkbox"/> Remodel/Renovate	_____

### Structure Type

<input type="checkbox"/> Single Family Residential	<input type="checkbox"/> Manufactured Home	<input type="checkbox"/> Non-residential	<input type="checkbox"/> Other (please specify)
<input type="checkbox"/> Multifamily Residential	<input type="checkbox"/> Combined Use		_____

Development other than a building

### Activity

<input type="checkbox"/> Fill placement (fill brought in from outside the floodplain)	<input type="checkbox"/> Landscaping (cut and fill, borrow and placement)	<input type="checkbox"/> Removal of fill, embankment, or dike.
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|---|--|--|
| <input type="checkbox"/> Excavation (where subgrade fill is removed from floodplain)                        | <input type="checkbox"/> Construction or maintenance of a dike/levee/floodwall | <input type="checkbox"/> Watercourse alterations (river/stream channel modifications, rip rap) |
| <input type="checkbox"/> Road or bridge construction (new, repair/replacement, realignment)                 | <input type="checkbox"/> Drainage improvements (including culvert work)        | <input type="checkbox"/> Mining (removal of gravel, rock, fill, or other natural materials)    |
| <input checked="" type="checkbox"/> Installation of utilities (water, sewer, gas, electric, communications) | <input type="checkbox"/> Tower Construction (communications tower, antennae)   | <input type="checkbox"/> Well drilling (water, oil, natural gas, etc.)                         |
| <input type="checkbox"/> Other (please specify): _____  |  |  |

Estimated Cost of Project (labor and materials): **\$2,260,000**

Existing Market Value of Structure (if applicable): **NA (waterline through/under floodplain)**  Substantial Improvement (50% or more of market value)

**Description of the extent to which a watercourse will be altered or relocated:**  
 This project will not permanently alter or relocate a watercourse. A 12-inch water pipeline will be installed in the floodplain using a combination of open cut method and boring. The pipeline will be bored underneath all wetland areas identified in the project route. The bore pits on either side of the wetland area are located within the floodplain boundary. All fill/excavated material will be stored outside floodplain boundaries, subsoil and topsoil will be segregated. Upon completion, fill will be replaced in the manner of which it was removed, adequately compacted, and the surface elevation will be returned to the pre-construction contours. After installation, the site will be restored to its original state/contours within the floodplain.

**ADDITIONAL INFORMATION**

Required with all applications:  Plans drawn to scale showing the nature, location, dimensions, and elevations of the area in question; existing or proposed structures, fill storage materials, drainage facilities; and the location of the foregoing.  
 Section 3-010 (e)

Required with all applications involving floodproofing:  Certification by a registered professional engineer or architect that the floodproofing methods for any non-residential structure meet the floodproofing criteria in Section 3-010(g)(2).

Elevation to which any structure is to be floodproofed: \_\_\_\_\_

Required with all applications in the floodway:  Certification by a registered professional engineer or architect demonstrating that encroachments shall not result in any increase in flood levels during the occurrence of a base flood discharge.  
 Section 3-010 (g)(3)

By signing, I attest that this application is complete and accurate to the best of my knowledge. I understand the regulations of the Morton County Land Use Code as they pertain to this request(s). Other permits may be required to fulfill local, state, and federal regulatory requirements.



Applicant's Signature

4-21-2022

Date

**Note:** After development is completed, an elevation certificate or non-residential floodproofing certificate must be submitted to verify as-built conditions match the application. A certificate of compliance will be issued upon verification.

This page to be completed by floodplain administrator

App #: 1007	Legal Description of property: NE 1/4 15-139-81
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### FLOODPLAIN DETERMINATION

- Project Location: (check one)
- Not located in a Special Flood Hazard Area.
  - Located in a Special Flood Hazard Area (A, AE, AO, or AH zones).
  - Located in Floodway.

Ground Elevation at Development Site: Various	FIRM Zone: AE	FIRM Date: 10/16/2015
Base Flood Elevation at Development Site: 1673	Lowest floor must be elevated to: N/A	

### PERMIT DETERMINATION

- I have determined that the proposed development:
- Is in conformance with all provisions of Section 3-010 Floodplain Overlay District of the Morton County Land Use Code.
  - Is not in conformance with all provisions of Section 3-010 Floodplain Overlay District of the Morton County Land Use Code, specifically:

*Marta Rice*

Administrator's Signature

4/26/22

Date

### COMPLIANCE DETERMINATION

I hereby issue a certificate of compliance for this development. An elevation certificate or floodproofing non-residential floodproofing certificate is on file validating the terms of this permit.

*Marta Rice*

Administrator's Signature

10/24/22

Date