

STATE OF IOWA
DEPARTMENT OF NATURAL RESOURCES

Water Supply Engineering Section
502 E 9th Street
Des Moines, Iowa 50319-0034

WATER SUPPLY
CONSTRUCTION PERMIT

CITY OF HUBBARD
323 E MAPLE ST
HUBBARD, IA 50122

Permit No.: 2021-0119W
Project No.: W2020-0639
PWSID No.: 4254061

In accordance with the provisions of Sections 455B.173(9) and 455B.174(4) of the Iowa Code and 567—43.3(455B) of the Iowa Administrative Code, the Director of the Department of Natural Resources does hereby issue a permit for the construction of:

1267 feet of 6-inch diameter polyvinyl chloride (PVC) water main, including all associated appurtenances, to expand the service area along U.S. Highway 65 / Iowa Highway 175, north of West Maple Street, as part of the 2021 Water Main Extension project in Hubbard, Iowa.

NOTE:

- 1. Routine flushing of the dead-end water main must be performed in order to ensure adequate disinfectant residuals are maintained for neighboring drinking water service connections, as well as to limit stagnation and water quality degradation, since the property served is undeveloped and the new water main will be unused. Flush the line in accordance with established procedures (e.g., AWWA suggested flushing practices, Iowa's *Statewide Urban Design and Specifications* [SUDAS] *Standard Specifications Manual* §5030, or applicable local requirements), ensuring that any chlorinated water is neutralized, if necessary, and properly discharged.**
- 2. Fire hydrant drains must be at least 10 feet from sanitary sewers, storm sewers, and storm drains (*Recommended Standards for Water Works* [2012 Ed.], §8.4.4.c).**
- 3. Separation of water mains from sanitary sewers and storm sewers shall be in accordance with the Iowa Department of Transportation's *Standard Specifications for Highway and Bridge Construction* (Article 2554.03, A.7).**
- 4. In areas of groundwater contaminated by organic compounds, department standards require that all portions of the drinking water distribution system – including mains, joint materials, hydrant leads, and service connections – must be constructed of non-permeable materials.**

NOTICE: The issuance of this construction permit is based SOLELY on the engineer's certification that all aspects of design included in the project meet the requirements of all applicable state and federal laws and regulations. An advisory review of the plans and specifications may be made at a later date.

Construction of the project shall be initiated within one year of permit issuance or this permit is no longer valid, unless an extension is granted. A permit extension request must be made within one year of permit issuance. Within thirty days after completion of construction, the permit holder shall submit a certification by a professional engineer licensed in Iowa that the project was completed in accordance with the approved project documents.

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Pursuant to Section 455B.174.4, Code of Iowa, you have the right to appeal any condition of this permit by filing with the Director of the Department of Natural Resources a notice of appeal and request for administrative hearing within thirty days of receipt of this permit.

If you have any questions, please contact Skipp Slattenow, P.E. via e-mail at skipp.slattenow@dnr.iowa.gov or by telephone at 515.725.0461.

For the Department of Natural Resources

Kayla Lyon, Director

By: 

Environmental Services Division

Date: January 6, 2021

cc: MSA Professional Services, 1555 SE Delaware Ave, Ste F, Ankeny, IA 50021
DNR – Underground Storage Tanks Section, Wallace Bldg (LUST #7LTX86)
Matt Culp, DNR – Contaminated Sites Section, Wallace Bldg (Site ID #738)
Field Office No.: 2 (Mason City)
File: PWSID No. 4254061