

DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL SERVICES DIVISION
Field Office 3, Spencer

SITE SURVEY REPORT

DATE: February 7, 2024

TO: Thabit Hamoud, WWS, WQB, ESD, DNR, Des Moines

FROM: Jacob Simonsen, Environmental Specialist, Field Office 3

RE: Site Survey – Gelita USA, Inc-WWTF Improvements (Program ID #9700101)

BACKGROUND

Gelita USA, Inc. produces gelatin, collagen peptides, and associated by-products (edible greases and meal foodstuffs) from pork skins and cattle hides and bones which are supplied by outside meat processing vendors. These raw materials contain the collagen protein which is used to manufacture gelatin and collagen peptides.

The facility is proposing to upgrade their current wastewater treatment facility with additional treatment processes.

The site of the proposed facility upgrade is located in Section 18, T87N-R47W, Woodbury County, Iowa.

OBSERVATIONS

On June 20, 2023, a preliminary survey was conducted during the facility's routine inspection and on February 1, 2024, a desktop assessment utilizing the DNR siting atlas was conducted to determine if the site of the proposed treatment facility complies with the separation distance requirements in subrule 567 IAC 64.2(3). During the survey and desktop assessment the following observations were made:

- The site of the proposed treatment facility is less than 1000 feet from a commercial building, however, the owner of the building (D.T. Brown Properties) has provided a signed waiver to acknowledge and accept that the construction will not meet the required separation distance.
- The site of the proposed treatment facility is greater than 1000 feet from all public wells.
- The site of the proposed treatment facility is greater than 400 feet from all private wells.
- The site of the proposed treatment facility is greater than 400 feet from all lakes and public impoundments.
- The site of the proposed treatment facility is not within the flood plain of any stream.
- The site of the proposed treatment facility appears to be greater than 25 feet from property lines and rights-of-way.

CONCLUSIONS & RECOMMENDATIONS

The site of the proposed wastewater treatment facility upgrades meets all but one of the separation distances required by subrule 567 IAC 64.2(3) and a signed waiver has been provided for the distance not met. Prior to construction, the consulting engineer must verify the location of the proposed upgrades meet all separation distance requirements.

INSPECTOR: Jacob Simonsen *Jacob Simonsen* DATE: 2/5/24
REVIEWER: Tom Roos *Tom Roos* DATE: 2/6/24