



Davison, Brad <brad.davison@dnr.iowa.gov>

Magellan, Sioux City Terminal; Tank 1333 Rack Line Release - Request to Remove Recovery Well Sump-10 from Routine Gauging Program

2 messages

Sebesta, Karynn <karynn.sebesta@wsp.com>

Thu, Nov 2, 2023 at 8:42 AM

To: "brad.davison@dnr.iowa.gov" <brad.davison@dnr.iowa.gov>

Cc: "Heather Tittjung (Heather.Tittjung@oneok.com)" <Heather.Tittjung@oneok.com>, "Oman, Brandon J." <Brandon.Oman@wsp.com>

Hi Brad,

As discussed in the *Free Product Recovery Report, 1st Half of 2023*, dated July 10, 2023, for the 2016 Tank 1333 rack line release at the Magellan Pipeline Company, L.P (Magellan) Sioux City Terminal, WSP proposed submitting email requests to the Iowa Department of Natural Resources (IDNR) when a recovery well has exhibited 0.02 foot of free product or less for 12 consecutive months, satisfying the IDNR's product recovery criteria established in Iowa Administrative Code 567-Chapter 135.7(5).

The attached Table 1 summarizes free product thickness and volume of free product manually recovered from recovery well Sump-10 since May 2016. The attached Figure 1 displays free product thickness measurements collected on October 17, 2023.

Recovery well Sump-10 has exhibited 0.02 foot of free product or less for 13 consecutive months (October 2022 through October 2023), with the exception of July 2023 when 0.03 foot of free product was measured in the well. Although the free product thickness at Sump-10 in July 2023 was slightly above IDNR's product recovery criteria, measurable free product at Sump-10 has only been encountered during 5 of the last 13 routine gauging program events (Table 1). Furthermore, the monthly volume of free product recovered from Sump-10 has only exceeded 0.1 gallon on one occasion since August 2021 (0.11 gallon in June 2022), and only 0.15 gallon of free product has been recovered from Sump-10 in the past 13 months.

WSP, on behalf of Magellan, is requesting IDNR's approval to remove recovery well Sump-10 from the routine gauging program for the 2016 Tank 1333 rack line release at the Magellan Sioux City Terminal.

If you have any questions or require additional information, please contact Heather Tittjung of Magellan at 918-574-7068 or me at 612-524-0956.

Thank you,

Karynn

**Karynn Sebesta, GIT, CEP-IT**

Consultant

T +1 612-524-0956

M +1 507-995-1988



WSP USA Inc.

250 Marquette Avenue, Suite 570

Minneapolis, Minnesota 55401

wsp.com

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2 attachments

Figure 1 - Free Product Thickness Measurements.pdf
228K

Table 1 - Sump-10 Fluid Level Measurements.pdf
85K

Davison, Brad <brad.davison@dnr.iowa.gov>
To: "Sebesta, Karynn" <karynn.sebesta@wsp.com>

Thu, Nov 2, 2023 at 10:48 AM

Karynn,

Given the information provided I agree that Sump-10 can be taken off routine monthly gauging.

However, due to historically high levels of product in the well please gauge Sump-10 at least once during the semiannual reporting period (beginning first half 2024) to ensure reaccumulation has not occurred. If free product thickness in the well measures above levels stated in Administrative Code 567-Chapter 135.7(5) it may need to be added back to the monthly gauging routine.

Thank you and please let me know if you have any questions.

-Brad



Brad Davison | Environmental Specialist
Solid Waste & Contaminated Sites Section
Iowa Department of Natural Resources
P: 515-415-1331 | F: 515-725-8202
502 E. 9th Street, Des Moines, IA 50319

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