



October 25, 2019

HEATHER TITTJUNG
ENVIRONMENTAL REMEDIATION SPECIALIST
MAGELLAN MIDSTREAM PARTNERS
ONE WILLIAMS CENTER MD 30-7
TULSA OKLAHOMA 74172

Re: Semi-Annual Monitoring Report and No Further Action Request, Bettendorf Terminal, Magellan Pipeline Company L.P., Riverdale, Iowa dated October 3, 2019

Dear Ms. Tittjung:

The Iowa Department of Natural Resources, Contaminated Sites Section, (Iowa DNR) has reviewed the above referenced monitoring report submitted by WSP USA on behalf of Magellan Pipeline Company L.P. and accepts the report as written including the request for site closure. Iowa DNR notes the benzene, ethylbenzene, toluene, and xylene (BETX) levels are still above 567-Iowa Administrative Code (IAC)-Chapter 133 action levels but the enhanced biological degradation and natural attenuation parameters are favorable for continued BETX reduction. Therefore; no further groundwater monitoring is required at the Bettendorf terminal for the July 2012 gasoline release. This is a site specific determination and not applicable to environmental conditions at other locations.

All monitoring wells used for the 2012 release and not needed for other monitoring programs can be properly plugged as noted in 567-IAC-Chapter 39, *Requirements for Properly Plugging Abandoned Wells*. The monitoring wells at the site are Class 2 bedrock wells and you will need to follow and document the specific procedures for plugging bedrock wells.

As we discussed in an October 24, 2019 phone conversation Iowa DNR has concerns with the significant increase in diesel concentrations found in monitoring wells MW-1 and MW-9R (not associated with the July 2012 gasoline release). At this time groundwater sampling for MW-1 and MW-9R will need to continue for total extractable hydrocarbons using test method Iowa OA-2 to determine the diesel concentration trend at these two monitoring wells. The next sampling event will be February 2020.

For general information, Iowa DNR looks for the statistical analysis confidence intervals to be 95% or higher and to only include post remediation sampling events. If you have any questions or need further information please feel free to call or e-mail at (515) 725-8371 or dan.cook@dnr.iowa.gov.

Sincerely,

Daniel Cook
Environmental Specialist Senior
Contaminated Sites Section

c: Brandon Oman WSP USA, 520 Nicollet Mall, Suite 800, Minneapolis, Minnesota 55402
Iowa DNR Field Office 6