Fields of Opportunities

STATE OF IOWA

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DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR

December 4, 2015

Manuel W. Barrett
Sr. Environmental Remediation Specialist
Magellan Midstream Partners, LP
One Williams Center, MD-27
Tulsa, OK 74172

SUBJECT: Request to Change to Quarterly Free Product Recovery Reporting
Magellan Midstream Partners, LP, Des Moines Terminal at 2503 SE 43rd Street in Pleasant Hill, Iowa
Spill Number: 030210-AHB-0849

Dear Mr. Barrett:

On Thursday, December 3, 2015 Dave Hruby with Apex Companies, LLC contacted Bill Gibbons with Iowa DNR Field Office 5 about changing from monthly to quarterly reporting of free product recovery for a release of diesel fuel near the truck loading rack that was first reported on March 2, 2010 (Spill No. 030210-AHB-0849).

Starting January 1, 2014 Magellan was allowed to shut down the free product recovery system and begin free product recovery using monthly hand-bailing of wells. Since monthly hand bailing began there has not been a substantial change in free product thicknesses measured or amounts of free product recovered in the specified wells. Dave Hruby with Apex Companies, LLC requested to continue monthly hand-bailing of wells and compiling the recovery data monthly but being allowed to report the results quarterly.

Based on the free product thickness and recovery data from January 1, 2014 to present you will be allowed to change from monthly to quarterly free product recovery reporting; the recovery data must still be tabulated (in the reports) on a monthly basis. If conditions change in any given quarter such that free product thickness measured and/or the amount of free product recovered increases significantly in a well or wells you must report this to Iowa DNR Field Office 5 before the end of the quarter. Site conditions could also change such that the site may be required to go back to monthly reporting.

Even though the interval of reporting free product recovery has been changed the free product recovery and monitoring outlined in a letter dated March 29, 2010 still apply. Those requirements as stated in that letter are as follows:

- The proposal to install six recovery wells in the area of the free product plume, continue to recover free product from recovery wells MW08-1, MW08-2 & MW08-3, and recover free product from the excavations (as long as they are productive – *please note the excavations have been eliminated*) is acceptable. You will be required to submit monthly ***(now quarterly)*** free product recovery reports that show the amount of free product recovered in total for the month, and well data showing the static water level and free

product thickness in the 13 geoprobe wells and the network of eight monitoring wells that were installed in 2008 (MW08-1 through MW08-8). Free product recovery reports will be due by the 30th day of the following month ***(following the end of the quarter)***. In addition, you will be required to sample the eight monitoring wells (MW08-1 through MW08-8) quarterly. For the first quarter of each year have the samples analyzed for benzene, toluene, ethylbenzene and xylenes (BTEX) using Iowa method OA-1, and total extractable hydrocarbons (TEH) using Iowa method OA-2. For the remaining three quarters have the samples analyzed for TEH only. Submit quarterly monitoring reports by the 30th day of the following month.

Monthly hand-bailing of wells is the current method of free product recovery, however if site conditions change such that product recharge in the wells increases significantly, or if the free product plume migrates beyond its current defined extent other methods of free product recovery may need to be employed.

You may contact Bill Gibbons (515-725-0335; bill.gibbons@dnr.iowa.gov) or this office with any questions or comments.

Sincerely,

Ted Petersen
Supervisor, Field Office #5

c: Steven M. Steward, Area Supervisor, Magellan Midstream Partners, L.P., 2503 Southeast 43rd Street, Des Moines, IA 50327
Dave Hruby, Apex Companies, LLC, 10052 Justin Drive, Urbandale, IA 50322
Tristan Grover, Magellan Midstream Partners, LC, 2650 106th Street, Suite 105, Urbandale, IA 50322