Attachment P Monitoring Program SAMMY-MAR LLC Povlik Injection Well

Monitoring Program for Povlik Injection Well

SAMMY-MAR's Povlik injection well will be monitored for its entire life in compliance with all EPA monitoring guidelines and reporting requirements.

There will be two (2) monitoring wells whose locations are shown on the attached map and a possible third well if the well which was previously plugged, can be adapted for use as a monitoring well. This well is also shown on the accompanying map. The wells have satisfactory spacing and placement to provide an adequately sampling area without having to drill a well or wells for the specific propose of sampling. The wells are identified by their Pennsylvania issued permit numbers:

033-20047 (Plugged well)	033-20236
033-20139	033-20245
033-20228	033-20263

Pressure and rate monitoring will be at the well site (wellhead), both injection pressure and the pressure of the 4 ½" by 2 7/8" annulus will be monitored. Pressure of the 8 5/8" by 4 ½" annulus will be monitored as part of the quarterly mechanical integer testing and reporting required by Pennsylvania Oil & Gas regulations. Pressure will be measured by use of a pressure gage and the injection rate by use of a flow meter. Results will be reported to the EPA as required by the injection permit or according to EPA guidelines, but no less than annually.

Injection fluids will be sampled and analyzed quarterly with the sample taken at the injection site (wellhead). The results will be reported as required by the permit or according to EPA guidelines.

The company will also be prepared to conduct any other monitoring or sampling as required by the permit.

7/16/15

The company will also be prepared to conduct any other monitoring or sampling as required by the permit.

12/4/2013