

PA Well Development, LLC

Application for the David A. Weaver #1 Injection-Disposal Well

Young Township, Jefferson County

BACKGROUND

- The David A. Weaver #1 Class II-D Underground Injection Control permit was issued by the U.S. Environmental Protection Agency (EPA) on June 20, 2023, with an effective date of July 25, 2023. It was amended on November 13, 2023 to reflect the current operator, PA Well Development.
- On December 19, 2023, PA Well Development submitted an application to the Pennsylvania Department of Environmental Protection (DEP) to drill a new conventional injection-disposal well. The target formation is the Oriskany Sandstone, 7236' – 7256' below ground surface. The maximum injection volume is 77,500 barrels per month of wastewater from oil and gas operations.

REVIEW PROCESS

- The PA Well Development permit application to DEP was accompanied by an Erosion and Sediment Control (E&S) Plan, a Control and Disposal (C&D) Plan, a Casing and Cementing (C&C) Plan, the permit application submitted to the U.S. EPA, and the permit authorization issued by the EPA. The EPA granted PA Well Development a permit to inject wastewater into the well, effective July 25, 2023, pending DEP approval of the well permit application.
- The EPA's permit governs the material injected into the well, well integrity, groundwater protection, and well-closure requirements. DEP's permit covers the location and construction of the wellbore, surface issues, the potential for induced seismicity, and an examination of the potential for pollution resulting from underground disposal.
- As part of DEP's review, a DEP Licensed Professional Geologist examines the drilling application and conducts a geologic assessment of the well using information included in the EPA application.
- A DEP Water Quality Specialist reviews the E&S Plan, which outlines how stormwater runoff from the site will be prevented, and the C&D Plan, which describes pollution prevention measures, waste disposal methods, pollution incident response, and the implementation schedule for these items.
- A DEP Oil and Gas Inspector reviews the C&C Plan to ensure compliance with DEP well construction and operating requirements.

N



YOUNG

Radius: 1320 ft

David A. Weaver #1
40° 57' 55.38"
-78° 59' 23.12"



0 750 1,500 3,000 4,500 Feet

PA Well Development LLC
David A. Weaver #1 Injection Disposal Well
Young Township, Jefferson County, PA

N



YOUNG

Radius: 1320 ft

David A. Weaver #1

40° 57' 55.38"
-78° 59' 23.12"



Maxar, Microsoft

0 250 500 1,000 1,500 Feet

PA Well Development LLC
David A. Weaver #1 Injection Disposal Well
Young Township, Jefferson County, PA