

<p>Photograph No. 1</p> <p>Site: RE-108 Hotspot</p> <p>Direction: East</p> <p>Photo Date: October 7, 2020</p>	
<p>Description:</p> <p>Dual-containment HDPE pipe was welded using a McElroy Tacstar Series 2 fusion machine. The ends of each pipe are first planed smooth and the fusion machine then joins the pipe segments via butt-fusion</p>	

<p>Photograph No. 2</p> <p>Site: RE-108 Hotspot</p> <p>Direction: North</p> <p>Photo Date: October 26, 2020</p>	
<p>Description:</p> <p>Dual-containment HDPE pipe segments underwent hydrostatic pressure testing to ensure the integrity of the welds in the 8-inch carrier pipe. All pipe segments successfully passed hydrostatic testing.</p>	

Photograph No. 3

Site:
RE-108 Hotspot

Direction:
Southeast

Photo Date:
October 27, 2020

Description:

Fittings were fabricated to allow for pneumatic testing of the exterior 12-inch containment pipe. Pneumatic testing was conducted to ensure the integrity of the containment pipe welds. All segments passed pneumatic testing.



Photograph No. 4

Site:
RE-108 Hotspot

Direction:
North

Photo Date:
November 3, 2020

Description:

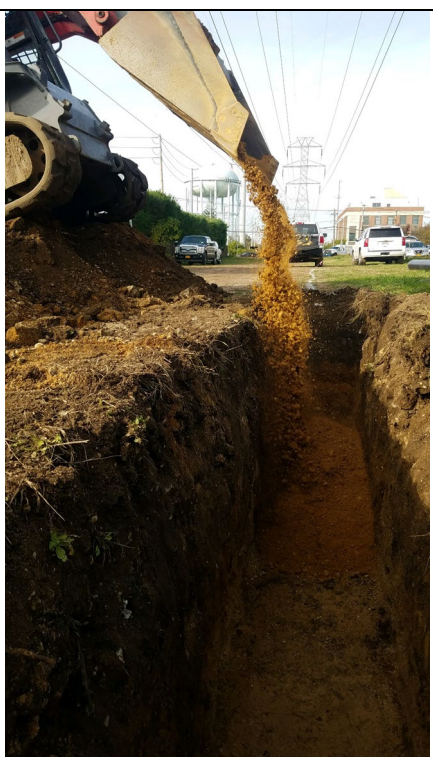
Directional Tech utilized a Ditch Witch 4020 directional drilling rig equipped with a Falcon F5 guidance system to conduct the horizontal directional drilling under Stewart Avenue



<p>Photograph No. 5</p> <p>Site: RE-108 Hotspot</p> <p>Direction: West</p> <p>Photo Date: November 5, 2020</p>	
<p>Description:</p> <p>The borehole was expanded using a to facilitate pull-through of the dual-containment HDPE pipe segment.</p>	

<p>Photograph No. 6</p> <p>Site: RE-108 Hotspot</p> <p>Direction: West</p> <p>Photo Date: November 5, 2020</p>	
<p>Description:</p> <p>A pull head was attached to the dual-containment HDPE pipe to pull the pipe segment under Stewart Avenue. A pipe segment measuring approximately 400 ln-ft was pulled through a bore alignment of approximately 330 ln-ft.</p>	

<p>Photograph No. 7</p> <p>Site: RE-108 Hotspot</p> <p>Direction: East</p> <p>Photo Date: November 3, 2020</p>	
<p>Description: Takeuchi TB240 mini-excavator was used to excavate a trench approximately 4.5 ft in depth by approximately 2-ft wide for the installation of the dual-containment HDPE pipe.</p>	

<p>Photograph No. 8</p> <p>Site: RE-108 Hotspot</p> <p>Direction: West</p> <p>Photo Date: November 3, 2020</p>	
<p>Description: Imported bedding sand was placed in the trench to a depth of approximately 6 inches. The dual-containment HDPE pipe was placed in the trench and bedding sand placed around the pipe to a depth of approximately 6-inches above the pipe.</p>	