



**MERIDIAN SERVICE METROPOLITAN DISTRICT**  
*Water, Wastewater, Parks and Recreation*  
11886 Stapleton Dr, Falcon, CO 80831  
719-495-6567, Fax 719-495-3349

November 5, 2020

Dear Meridian Ranch Resident:

**Subject: Construction of Water Supply Well Site No. 5**

This letter provides you with information about a construction project near your home. The project is expected to be under construction from November 2020 through Fall 2021. The following paragraphs explain the purpose and construction operations associated with this project.

As Meridian Ranch continues to grow, the developer and your Meridian Service Metro District regularly expand and improve the public infrastructure that provides essential services. The most important infrastructure is our water supply system. One such expansion that will soon be noticeable is the drilling of an additional water supply well. During November and through the winter, drilling operations will occur on the east side of Rainbow Bridge Drive north of the intersection of Mt Harvard Drive (south end of vacant lot across from Fox Point Trail).

The well drilling rig will be very large and visible, however the wellhead improvements, when completed, will be small and blend with the surrounding architecture. There are already several water supply well sites in Meridian Ranch that residents drive by daily without notice. For safety reasons, we do not publish their locations.

Once started, drilling operations on the well at this site will continue 24/7 until completed. The Contractor will install temporary sound walls around the drilling rig to protect the nearby residents from the sound of the drilling operations.

There is no fracking of underground rock formations involved in the drilling of the water supply wells. The project involves simply drilling a deep borehole, installing a steel casing in the hole, and backfilling the space between the casing and the hole with sand and gravel.



Some interesting project facts:

- Meridian Ranch is provided with groundwater from 11 wells within Meridian Ranch and 6 wells about 10 miles east of here. This current project is known as Water Supply Well Site No. 5. There is no significance to the number 5 in the naming of this well site.
- The well extracting water from the Laramie-Fox Hills formation will be approximately 2,300 feet deep and will consist of a 17.5-inch diameter borehole with a 10-inch diameter steel pipe casing.
- The total project will include drilling, equipping, and site improvements for 3 well sites. The other two well sites are located away from residential homes along Eastonville Road near the Falcon Regional County Park.
- The total project construction costs for all three well sites is estimated at \$4 million.
- The District's consulting design engineer on the project is JDS-Hydro of Colorado Springs. JDS-Hydro designed the project and will also provide construction inspection services for the project.
- Schedule:
  - Mobilization will begin mid to late November with the installation of sound walls and conductor casing.
  - Drilling of the wells is expected to begin the following week and will proceed for approximately 5-weeks to the end of December.
  - Pump testing, equipment installation, and site improvements will extend through summer of 2021.
- The drill rig used to drill the well boreholes weighs approximately 140,000 pounds. It occupies a space about 200-feet by 100-feet and will extend about 70 feet high.
- This project will use approximately 2,300 feet of steel pipe.
- Drilling for water is risky as there is no assurance of the quantity or quality of water that each well will be able to produce. The probable water quantity and quality is based on experience with other water supply wells in the area. Once the well is completed, the contractor will conduct test pumping to determine the water supply productivity.



Typical water supply well drilling operation.

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- This project has obtained permits from the State of Colorado and the County of El Paso. It is consistent with the overall development plans for Meridian Ranch.
- There is no fracking involved.
- No additional treatment processes will be required with the project. Well Site 5 will pump to an existing filtration plant for treatment to drinking water standards.
- It is anticipated that all phases of the Well Site 5 project will be completed by fall of 2021.



Typical completed well site in Meridian Ranch

Watch for news and updates about this and other matters on the District's website.

If you have specific questions or concerns about this project, please contact the District by email at [Admin@MeridianService.org](mailto:Admin@MeridianService.org) , or by phone at 719.495.6567.

Sincerely,



David A. Pelsler, PE, BCEE  
General Manager

Meridian Service Metropolitan District – Water, Sewer, Drainage, Parks, Recreation  
[www.meridianranchmetro.org](http://www.meridianranchmetro.org)