



Preliminary Work for New Elementary School #1 (NES #1) On the Williamsburg Site to Begin June 24

Arlington Public Schools is moving forward with the design of the future NES #1 on the Williamsburg Middle School site. As part of this process, some subsurface investigation on the site will take place during the weeks of June 24 and July 1. The investigations will be done by drilling a series of test holes on the site. There are two types of test holes that will be drilled:

1. **Geothermal test well** – a test well is being drilled to gather information for the design of the geothermal heating and cooling system planned for the new school. The on-site drill work will begin on Mon, June 24. The contractor, Allied Well Drilling, will arrive around 9 a.m. that morning, and there will be a drill rig, service truck, and trailer-mounted grouting machine. They will drill the well, install the geothermal loop piping in the well, and fill the well solid with grout. Any soil, rock, etc., from the test well will be removed from the site. Barring weather complications, these activities will be completed by the end of the day on the Tue, June 25.

Conductivity testing of the well will occur the following week. This test will begin on Mon, July 1, and will take two days to complete. On Wed, July 3, the crew will retrieve the testing equipment, cut off the pipes and bury them below ground. All work will be completed by 5 p.m. on Wednesday.

During the test, a 20 KW trailer-mounted generator will be next to the well, running full-time, around the clock. The testing box, which is about the size of a large foot locker, will be positioned next to the generator. Orange safety fencing will be installed around the drill rig during downtimes (overnight between drilling days and during the conductivity testing).

2. **Geotech soil borings** – these holes are drilled to give the structural and civil engineers information about the soil characteristics as they relate to the design of structures to be built.

The [site plan on the reverse side](#) shows the locations for each of the borings. Most locations are within the footprint of the new building and there are a couple of borings closer to the WMS. No borings will be made in the field of play, but there are some in the areas adjacent to the fields.

The driller will install orange safety fencing around the drill rig during downtimes (overnight between drilling days), and the geotech borings will be filled in after drilling and testing have been completed. On Mon, June 24 the work will take place from 9 a.m. – 5 p.m., and then on June 25, 26 and 27, work will be from 9 a.m. – 6 p.m.

Noise for both projects is expected to be well below levels required by the Arlington County noise ordinance for non-daytime hours, and the contractors will comply with those requirements for the project.

For more information or questions, please contact:

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[CLICK HERE FOR A MAP OF THE SOIL-BORING SITES](#)