

Cornerstone Drill Site Permit Stipulations

1. A sign will be displayed at the gate stating the well number, the name and number of the operator, the emergency 911 number, and the telephone numbers of two contacts.
2. Prior to permitting, Chesapeake will report to the City the pre-drilling ambient noise level and will agree not to create any noise which causes the exterior noise level to exceed the ambient noise level by more than 5dBA during daytime hours, 3dBA during nighttime hours, and 7dBA during fracing operations. Due to the proximity of protected uses, the sound level shall be continuously monitored for compliance based on a one-minute average. The reports shall be forwarded to the City daily. The sound shall be monitored as close to nearby residences as possible while still in compliance with sound monitoring distance requirements. A 24-hour pre-drilling sound level survey was performed at the Cornerstone Drill Site from December 23 to 24, 2008. On-site noise monitors recorded the ambient noise level and established a 24-hour average sound level at 69.1 dBA. During drilling, the allowable nighttime sound level is 72.1 dBA and the allowable daytime sound level is 74.1 dBA. Fracing operations shall not exceed a 76.1 dBA noise level.
3. Chesapeake will enter into an Agreement with the City to lease a water meter, hook it up to a nearby fire hydrant, and purchase approximately four million gallons of water per well. The approved water site plan limits the rate of withdrawal to a maximum of 550 gallons per minute.
4. Transportation access to the Cornerstone Drill Site will be from the signalized intersection of Interstate 20 (I-20) Highway and Matlock Road, travel south on Matlock Road to the existing access road that utilizes the right-of-way for future Nathan Lowe Road. The I-20 and Matlock Road intersection is utilized for the Stoner, Landing, Cornerstone, and Matlock Yu Drill Sites. Matlock Road is a Major Arterial and designated commercial delivery route with 52,873 average trips per day. Due to these counted traffic numbers, drill site traffic is prohibited at this intersection between the hours of 4 p.m. until 6 p.m., Monday through Friday.
5. Commencement of each drilling stage for this site and the Matlock Yu site (SUP09-1, 5800 Matlock Road) shall be coordinated so the activities do not occur simultaneously.
6. Landscaping and irrigation shall be provided as identified in the approved zoning and/or specific use permit (SUP). In lieu of mitigating for the loss of trees on the subject property, the applicant indicated that the existing tree masses located around the perimeter of the drill site will remain. The installation of additional landscaping will not be provided.