

**This activity applies drilling water wells and utilities, environmental protection and monitoring wells, and geotechnical borings that use machinery in the drilling. It does not apply to the use of devices such as hand augers.**

**Best Management Practices (BMPs) are required by King County Code 9.12. If the BMPs included here are not enough to prevent contamination of stormwater, you will be required to take additional measures.**

### **Required Best Management Practices:**

- Obtain permits for drilling activities, and for clearing and grading the access routes and the work site. Contact the King County Department of Permitting and Environmental Review for more information.
- Determine if environmentally sensitive areas (streams, wetlands, erosion hazards, and landslide hazards) are within the area of influence of the work site. For horizontal directional drilling, take measures to ensure drilling fluids are not leaking.
- Mitigate potential impacts to surrounding areas and/or the storm drainage system. The driller must be equipped to quickly respond to unusual conditions that may arise.
- Locate and prepare access roadways to minimize the amount of excavation and the potential for erosion. See the King County Surface Water Design Manual for information on vehicle access preparation and maintenance and erosion control measures.
- Contain accumulated water and sediment on-site and direct through a geotextile filtration system (or equivalent system) before discharging to the surrounding ground surface. Keep all sediment-laden water out of storm drains and surface waters. If sediment-laden water does escape from the immediate drilling location, block flow to any nearby waterways or catch basins using fabric, inlet protections, sand bags, erosion fences, or other similar methods.
- Divert any concentrated flows of water into the site using sandbags or check dams up-slope from the site.
- Dispose of soil cuttings and accumulated sediment appropriately. If cuttings or other soils disturbed in the drilling process are to be temporarily stockpiled on-site, they must be covered and surrounded by a berm or filter device.
- Stabilize exposed soils at the end of the job, using mulch or other erosion control measures.

### **Additional Information:**

- Storage of Soil, Sand, Salt, and Other Erodible Materials – Activity Sheet A-4
- Containment Information Sheet
- Disposal Information Sheet