

Appendix D

Hazardous and Solid Waste

1. **Sand and Gravel Pit:** The sand and gravel materials have been used from this site in the past to maintain unpaved roads on the property.
2. **Stock Waste Pile:** The waste pile consists of approximately 400 cubic yards of mixed wood chips and horse manure.
3. **Oil Spills:** There were diesel-stained soils at the office/stable complex and at a former wood chipping mill (which was dismantled prior to acquisition) on the western side of the property, probably resulting from overfills and a leaking motor at the mill. Soil sampling was conducted at four spots and subsequent Commonwealth of Virginia-approved remedial measures were undertaken at each site.
4. **Buried Stump Area:** An area of buried stumps lies near the eastern property boundary. The soil beneath and between the stumps is being washed away by water channeling through the fill. This has resulted in pot holes 5-7 feet deep and 3-4 feet wide which are hidden by tall grasses.
5. **Chemical Storage Area:** A physical inspection of the property revealed that the limited amount of chemicals present are in small quantities and are properly stored. Most of these chemicals are used for maintenance of equipment and the waste products are collected and disposed of by a contractor.
6. **Biological Waste:** Biological waste is present in the form of horse manure. This waste has historically been spread over the fields or hauled away by the local farmers. All veterinary supplies such as sharp needles and other medical supplies are managed by the veterinary staff, and are disposed off site at a Commonwealth of Virginia approved facility.
7. **Septic Tanks and Disposal Field Systems:** The habitable structures are all served by individual septic tank and disposal field systems, which were serviced and inspected prior to acquisition.
8. **Abandoned Wells:** One water well at 10406 Gunston Road (the office/stable complex) has been functionally abandoned for an indefinite amount of time. Another, at 10207 Old Colchester Road was recently abandoned under Fairfax County oversight.

Off-Site Features:

Rainwater Concrete Co. Inc. Landfill: This active landfill is located up gradient from the western Meadowood Farm property boundary. The groundwater flow in the area is expected to generally follow surface topography trends. The landfill is leaking solvents and is expected to do so in the foreseeable future. This landfill is currently in a Phase II monitoring program and proposed ground water protection standards are being developed for the landfill. It is possible that impacted groundwater may potentially be discharged to surface water on the Meadowood Farm property, or it is possible that the chlorinated solvents may have sunk deeper into the underlying aquifer and have not discharged into surface water.