

To: Durhing Resources Files, Lots 7, 8, & 9

From: Chuck Keeperts, Forest Hydrologist

Date: 4/30/07

Subject: Follow-up work needed from Durhing site visit- 4/13/2007

---

Site 1

Existing Well used to access well 7-19. Edge of well pad is 40 feet from a vernal pool (located on eastern edge of well pad.

- Pull material away from vernal pool and mulch and seed well pad.
- Water bars should be constructed below new proposed road.
- Add one new cross drain and turnouts on access road
- Re-contour road

Site 2

Confirm removal of wells 7-20, 7-21, and 7-22.

- Extensive wetland area

Site 3

New access road to well 7-15

- No erosion and sedimentation controls- needs seed and mulch and at least 2 new cross-drains.
- Disturbance area of road is excessive and many trees are buried.

Site 4- 1<sup>st</sup> non-system road east of Cherry Run on FR 446, 50 feet from entrance.

Well located on existing wetland. Well pad has placed fill in wetland. Sedimentation occurring from non-system road into Cherry Run.

- Needs better E&S controls as sediment is flowing into Cherry Run.
- Plugged culvert needs to be cleaned.

Site 5- 1<sup>st</sup> non-system road east of Cherry Run on FR 446, ½ mile from entrance.

Well encroaching on wetland. Also, road bed built to decommission road across wetlands and floodplain.

- Road bed used to plug well should be removed and floodplain should be restored.

Site 6

Existing road proposed used to access D-25, D-26, and D-27. The existing road is contributing sediment to seeps and is rutted and muddy. Proposed wells are located on steep slopes ranging from 32 % to 60 %.

- Existing road should be regarded and armored with non-erosive surfacing (i.e. Limestone).
- Proposed wells should be dropped. They could be relocated upslope to the existing road.