

To: Duhring Files for Lot 7

From: Chuck Keeports, Forest Hydrologist

Date: 12/05/07

Subject: Field notes from review of revised well locations for Lot 7 on June 6, 2007

Paul Weese and I reviewed the updated map of Duhring Resources.

Well 7-22

The edge of disturbance was proposed to be 82 feet to the closest portion of the wetland to the southeast. Another portion of the wetland is located 96 feet to the northeast. This was measured along the slope. Actual horizontal distance would be closer. The slope between the well pad and the wetland is 25 %. The edge of disturbance should be kept as far upslope as possible and disturbance should be minimized. Also road to this location should be kept as far upslope as possible.

Well 7-21

I had concerns with the access road to this well. It crossed two suspected wetlands. The first wetland area crossed was 15 feet wide. The second area crossed appeared to be a wetland that was 110 feet wide. This wetland had a visual connection to the main wetland. The soils were saturated. Official wetland determinations were not made. This well was located 60 feet from this suspected wetland. Another small wetland (seep), 25 feet wide, was located 40 feet past the well. No visual connection was observed to the main wetland below.