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From: Gary Ahlberg <garyall@mindspring.com>
Subject: Wilson GW Work Plan

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Jim,

I've made the modifications to the Work Plan that we have discussed. We've also been working on erosion control issues in the area of concern associated with upstream drainage patterns and stabilization of the ditch/landfill slope. Prior to finalizing the GW Work Plan and coordinating the erosion work, I want to get feedback from the Section regarding the following concept.

Conceptually, we have developed a plan to address erosion control in constructed ditch which is, and will continue to deteriorate. The restoration and stabilization plan includes two components.

First, the plan is to redirect surface water drainage, upstream of the gas line crossing, to its natural course. The natural drainage features in this area include a potential wetland that confluences with the stream located in the acquired buffer property. This restoration would significantly decrease the flow rate and velocity in the constructed ditch, downstream from the gas line.

With the reduction in erosion potential, the second component of the plan focuses on stabilization of the ditch channel and decreasing sediment loading from the ditch prior to its confluence with the stream (the turn in the channel upgradient of proposed MW-7 location). Grading will be conducted in the ditch area to reduce sideslope grades on both sides of the ditch and increase the invert elevation of the ditch an average of 3 feet. The grading work will provide for a more uniform channel slope, establishing a permanent channel lining, and the addition of a sediment filtration structure directly upstream of the confluence with the natural stream channel.

In order to meet the goals of the groundwater monitoring system and erosion control, a question is presented regarding the design elevation for the top of the well screen for proposed MW-6. Based on these plans, our current idea is to base the top of screen elevation on observations at the time of drilling for:

- (1) saturated soils above the current ditch elevation; or
 - (2) soil properties that indicate the potential for seasonal saturation.
- If these conditions are observed and the well can be completed with an

adequate water column, the top of screen will be based on these conditions. If these conditions are not present, then the well screen will be based on the current invert elevation of the ditch.

Please forward this message to Greg Eades and let me know if this plan is acceptable to you as soon as possible. Thanks.