

Kushman, Sandra

From: Sekely, Adam
Sent: Tuesday, July 01, 2003 2:55 PM
To: Kushman, Sandra
Subject: LEAK #12624, Wigwam Inn, Garrison

RE: hydro review of GME's 3/25/2003 "Remedial Investigation Report" recommending one year of quarterly monitoring.

Sandy,

I have reviewed the aforementioned report and have the following comments and recommendations:

COMMENTS

- Well Receptors: Two, the on-site well and the Williams' well 400' S.
- Surface Water: Mille Lacs.
- Vapor Receptors: No apparent risks.
- Missing Information: Table 13 not completed. No down-gradient MW.
- Summary: Appears to be a low risk site. Elevated DRO and GRO in source area but not much elsewhere. Vertical and horizontal definition of soil cont. is adequate. At this point, there is no down-gradient well, but there is some skepticism over the surveyed elevations. Measured GW flow direction is S towards the on-site water supply well, yet P-4 had no detects. There were some detects to the west in P-3, B-2, and MW-3. I don't think an additional MW is necessary with the low levels of cont. remaining in MW-1. Cont. levels in the GW were significantly less in the source area in 2002 than they were during the initial investigation in 2000. I agree with the consultant to resurvey the MW elevations if they believe they are inaccurate, but I don't think they should be charging the RP for this work. I would call the consultant to discuss this, but he is no longer there and I am not sure who will be doing the additional sampling. They should have done this correctly the first time, though. Site is vacant and the water supply well unused. I might suggest sealing it to eliminate the only risk, but it wasn't impacted when sampled in 2000. If the subsequent four quarterly sampling events show plume stability, I would suggest closing the site. If not, then we may want to consider sealing the well. The Williams' well does not appear to be at risk at this time. They are in the path of apparent GW flow, but look to be far enough away. Mille Lacs is okay. P-5 did not exceed any surface water standards.

RECOMMENDATIONS

Consultant's Recommendations (condensed):

Quarterly sampling for BTEX, GRO, and DRO. Re-survey MW elevations.

Adam's Recommendations:

I agree with the consultant's recs but include MTBE in the sampling parameters. Annual should be submitted within 13 months.