



Minnesota Pollution Control Agency

AUG - 9 2005

August 5, 2005

Mr. Brian Swanson
University of Minnesota Project Coordinator
335 Morrill Hall
100 Church Street SE
Minneapolis, MN 55455

RE: Gopher Football Stadium
NE corner of University Avenue SE and Oak Street SE, Minneapolis
MPCA Project Number VP20200
Phase II Work Plan Approval

Dear Mr. Swanson:

The Minnesota Pollution Control Agency staff in the Voluntary Investigation and Cleanup Program has reviewed the following documents submitted for the Gopher Football Stadium site (the Site) located at the above referenced location:

1. "Subsurface Investigation Work Plan", (Work Plan) prepared by Wenck Associates, Inc., dated June 1, 2005; and
2. "Site Health and Safety Plan", (Site Health and Safety Plan) prepared by Wenck Associates, Inc., dated July 1, 2005.

The Work Plan describes the tasks planned for additional field investigation of the Site, including soil sampling via borings and trenches, and ground water sampling via monitoring wells. The Work Plan was commented on and approved by the MPCA VIC Program in an e-mail to you on June 27, 2005, prior to the start of the soil and ground water sampling. Since that time, the locations of several borings and monitoring wells have been modified with MPCA approval during the field work due to the existence of acceptable quality monitoring wells for past investigations, and the existence of underground rocks and/or concrete large enough to hinder drilling. The Work Plan comments are listed in Attachment B with some modifications to update the comments.

This letter hereby formally documents in writing the approval of the Work Plan pursuant to Minn. Stat. § 115B.17. Standard disclaimers are included in Attachment A.

Mr. Brian Swanson

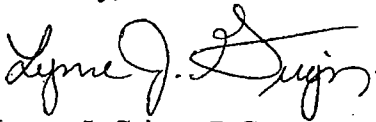
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The MPCA does not approve site safety plans or procedures; however the MPCA staff reviewed the Site Health and Safety Plan and has no comments.

Please contact me if you have any questions or concerns at (651) 296-8572 or Wayne Sarappo at (651) 296-7297.

Sincerely,



Lynne J. Grigor, P.G.

Senior Environmental Geologist

Voluntary Investigation and Cleanup Unit

Remediation Division

LJG/ais

Attachment

cc: Joseph Otte, Wenck Associates
Rick Kubler, Gray, Plant, Mooty
Daniel Pena, Minnesota Department of Health
David Jaeger, Hennepin County

UMR-5043

ATTACHMENT A
DISCLAIMERS
Gopher Football Stadium
MPCA Project Number VP20200

1. Reservation of Authorities

The MPCA Commissioner reserves the authority to take any appropriate actions with respect to any release, threatened release, or other conditions at the Site. The MPCA Commissioner also reserves the authority to take such actions if the voluntary party does not proceed in the manner described in this letter or if actions taken or omitted by the voluntary party with respect to the Site contribute to any release or threatened release, or create an imminent and substantial danger to public health and welfare.

2. No MPCA Assumption of Liability

The MPCA, its Commissioner and staff do not assume any liability for any release, threatened release or other conditions at the Site or for any actions taken or omitted by the voluntary party with regard to the release, threatened release, or other conditions at the Site, whether the actions taken or omitted are in accordance with this letter or otherwise.

3. Letter Based on Current Information

All statements, conclusions and representations in this letter are based upon information known to the MPCA Commissioner and staff at the time this letter was issued. The MPCA Commissioner and staff reserve the authority to modify or rescind any such statement, conclusion or representation and to take any appropriate action under his authority if the MPCA Commissioner or staff acquires information after issuance of this letter that provides a basis for such modification or action.

4. Disclaimer Regarding Use or Development of the Property

The MPCA, its Commissioner and staff do not warrant that the Site is suitable or appropriate for any particular use.

5. Disclaimer Regarding Investigative or Response Action at the Property

Nothing in this letter is intended to authorize any response action under Minn. Stat. § 115B.17, subd. 12.

ATTACHMENT B
COMMENTS ON THE WORK PLAN
Gopher Football Stadium
MPCA Project Number VP20200

1. As mentioned in previous correspondence, the field work needs to be conducted and monitored in a manner that is considerate of the neighborhood, specifically: 1) ambient work area air monitoring for volatiles and semi-volatiles using a Photoionization Detector and odor observations; and 2) dust control as needed.
2. The trench materials should not be returned to the trenches if the soil obviously contains suspect hazardous waste (creosote), significant amounts of debris (>5% rubbish, demolition debris), suspect asbestos containing materials or is grossly contaminated. In addition, if these materials are encountered, it is common practice to stop the trenching at that end of the trench and perhaps do a pit at the other end of the trench. The trenching should be conducted in a manner that minimizes the amount of contaminated soil and buried waste that is exposed and requires disposal during the investigation phase of the project, but still gathers adequate information on the characteristics and extent of environmental problems at the Site.
3. The University should consider coring the bedrock portion of some or all of the Platteville wells in order to determine the horizontal seams that are intercepted by the well screens. Based on core information from the west bank of the University, there are two volcanic ash seams which control the major portion of the ground water flow in the Platteville. It would be important to know which seam the well water is drawn from at each well location. Cores should be kept for future reference.
4. The MPCA understands from on-site conversations with Shane Waterman of Wenck Associates that the existing shallow and Platteville wells from the Russell Grader Manufacturing property (2221 University Avenue SE) will be used in lieu of equivalent wells proposed in the Work Plan. The MPCA agrees to this substitution. The MPCA also agreed to the relocation of soil borings which encountered buried impenetrable materials, and requests that the location changes and rationale for the changes be documented in the Phase II Report.
5. The DRO samples need to be analyzed using extended run-time.
6. The Phase II Report needs to include the monitoring well stabilization data and DRO chromatograms.