



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
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June 26, 1997

FID#: 246100800  
County of Ozaukee

Mr. Dale Lythjohan  
Cedarburg Light and Water Commission  
N30 W5926 Lincoln Boulevard  
Cedarburg, WI 53012

SUBJECT: Request for Case Closure - Former Cedarburg Light & Water Commission.  
W61 N617 Mequon Avenue, Cedarburg, Wisconsin 53012.  
PECFA Claim #: 53012-2017-17; BRRT#: 03-46-003301

Dear Mr. Lythjohan:

Thank you for the submittal, *Fourth Quarter 1996 Groundwater Quality Monitoring Report and Site Closure Request* (April 4, 1997), prepared by Northern Environmental, Inc. The report presented results of groundwater quality monitoring and recommended site closure.

Based on the information reviewed, the DNR (Department) does not concur with Northern's request for case closure at this time. Additional information, listed below, is necessary before the Department can approve closure:

1. High concentration levels of soil contamination remain in-place beneath the power plant cooling towers. Determine the volume estimate of all inaccessible impacted soils in exceedance of NR 720 table values. Please be aware that due to the concentration, volume and location of the impacted soils, a deed restriction may be required as a condition of case closure. However, your consultant may use the procedures listed in NR 720.19 Wis. Adm. Code to determine a soil cleanup standard specific to your site. We would consider the alternative cleanup standard during our case closure review.
2. Current groundwater analyticals (December 12, 1996), indicate NR 140 ES exceedances for tetrachloroethene, trichloroethene, 1,2-dibromoethane and vinyl chloride in site wells. We request that you determine the source(s) of the chlorinated solvents and address the contamination especially since chlorinated solvents have been detected in samples from the municipal water supply well (Cedarburg Well #1), located downgradient of former USTs.

We will re-evaluate compliance with case closure requirements when we receive your next submittal.

Thank you for the steps you are taking to restore the environment at the Former Cedarburg Light and Water Commission Power Plant located W61 N617 Mequon Avenue in Cedarburg. If you have any questions regarding this letter, please contact me at (414) 229-0832.

Sincerely,

*Eric Amadi*  
Eric Amadi  
Hydrogeologist

cc: Christopher Hatfield - Northern Environmental, Inc.  
SER - Case File #: 03-46-003301