



July 30, 2018

Mr. Robert Hoverman
EnviroForensics, LLC
N16 W23390 Stone Ridge Dr., Suite G
Waukesha, WI 53188

Subject: Review of "Hazardous Waste Exemption Request for Soil Disposal" dated July 19, 2018
Former Packard Way Cleaners
3650/3652 East Barnard Avenue
Cudahy, WI 53110
BRRTS #: 02-41-515150
FID #: 241490920

Dear Mr. Hoverman:

On July 19, 2018, the Wisconsin Department of Natural Resources (DNR) received a "Hazardous Waste Exemption Request for Soil Disposal" prepared by EnviroForensics, LLC (EnviroForensics), for the property at 3650/3652 East Barnard Avenue, Cudahy, WI. You have requested DNR concurrence with EnviroForensics hazardous waste determination regarding soil contaminated with tetrachloroethylene (PCE) and trichloroethylene (TCE). EnviroForensics is proposing that soil containing PCE or TCE, which might otherwise be considered a "listed" hazardous waste under Wisconsin and United States Environmental Protection Agency (USEPA) regulations, be considered a non-hazardous waste for disposal and management purposes when generated as part of the site investigation and remediation when the soil concentration of PCE or TCE are less than the direct contact concentration, for PCE less than 153 mg/kg and TCE less than 8.8 mg/kg.

The DNR may consider environmental media to not contain a hazardous waste and therefore not be regulated as a hazardous waste when concentrations of the listed hazardous waste constituents do not exceed site-specific health based levels and when the soils are managed appropriately upon removal from the ground. The DNR has established that the use of the industrial direct contact residual contaminant levels, as calculated using the USEPA's Regional Screening Level Web Calculator and DNR established default input values, would be acceptable for determining when excavated soil or investigation-derived waste soil could be considered to no longer contain hazardous waste.


Based on the information received, the DNR concurs that EnviroForensics has used the appropriate "contained-out" concentrations for PCE and TCE. When excavated soils are disposed in accordance with State solid waste regulations in a licensed landfill, the soils with PCE at concentrations less than 153 mg/kg and TCE at concentrations less than 8.8 mg/kg (by total constituent analysis) would not be considered to contain a hazardous waste.

DNR concurrence with this waste determination does not negate the generator's responsibility for correctly classifying a solid waste under Wis. Admin. Code § NR 662.011. Please keep in mind that excavated soils need to be properly managed. Further, the concentrations approved for this waste

determination are not considered to also be the approved residual contaminant levels for the purpose of site cleanup decision making.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (414) 263-8524 or by email at trevor.nobile@wisconsin.gov.

Sincerely,



Trevor Nobile, P.G., CPG
Project Manager - Hydrogeologist
Remediation & Redevelopment Program

Cc: DNR SER File