



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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April 6, 2010

In Reply Refer To: FID# 241176980
County of Milwaukee
BRRTS# 09-41-555050

Ms Kay Grosinske
AFCEE/EXC, Bldg 171
2261 Hughes Ave, Ste 155
Lackland AFB, TX 78236-9853

Subject: Liability Clarification and Current Environmental Conditions for the Oil Water Separator (OWS) #302 Site at the 440th Air Lift Wing, General Mitchell Air Reserve Station, Milwaukee, Wisconsin

Dear Ms. Grosinske:

Purpose

The purpose of this letter is to provide you with clarifications as to environmental liabilities and current environmental conditions at the Oil Water Separator (OWS) #302 Site at the 440th Air Lift Wing, General Mitchell Air Reserve Station, Milwaukee, Wisconsin ("the Property"). The Property consists of approximately 102 acres of land located in the Southwestern corner of General Mitchell International Airport in Milwaukee, Wisconsin.

Request

Ken Brown from AECOM requested on your behalf, that the Department of Natural Resources ("the Department"), issue a liability clarification letter. The letter is to contain a determination whether further response actions are needed under the ch. NR 700 rule series, Wis. Adm. Code, based on the release or presence of one or more hazardous substances at the Property. The Department received the fee for providing assistance, in accordance with s. NR 749.04(1), Wis. Adm. Code.

In order for the Department to make this determination, we have reviewed the following documents:

- "Closure Report for Oil Water Separator 302", dated January 20, 2010.
- Case File

The Department has examined the report listed above and provides the following summary of the facts of the case and opinions concerning environmental conditions at the Property.

Background and Summary of Environmental Conditions

The WDNR received the "Closure Report for Oil Water Separator 302", dated January 20, 2010, from AECOM along with a request for review of the report.

The report documents removal of an oil water separator (OWS) near Building 302. The report also contains the results of confirmatory soil samples collected after removal of the OWS. The results from the report are as follows:

RCRA Metals – Observed arsenic, barium, cadmium, chromium, lead, mercury, and selenium at detectable concentrations, but below normal regulatory limits with the exception of arsenic. The reported arsenic concentrations are below 10 mg/kg, the recognized background concentration for soil in southeastern Wisconsin.

VOCs – Reported low level detectable concentrations of acetone, methy ethyl ketone, and dichloromethane below regulatory limits and the soil screening levels provided in the project work plan. These compounds are suspected laboratory contaminants.

SVOCs – Reported low level detectable concentrations of acenaphthene, acenaphthylene, anthracene, benzo(ghi)perylene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, di-n-butylphthalate, fluoranthene, fluorene, indeno(1,2,3-c,d)pyrene, phenanthrene, and pyrene below regulatory limits and the soil screening levels provided in the project work plan. Benzo(a)pyrene was detected in one soil sample (R302-03-5W) at a concentration (383 µg/kg) exceeding its soil screening level (210 µg/kg).

PCBs – Observed detectable concentrations in three of the samples. The reported concentrations are below regulatory limits and the soil screening levels provided in the project work plan.

Soil sample concentrations were compared to soil cleanup standards contained in NR 720 or the USEPA Soil Screening Guidance http://rais.ornl.gov/calc_start.shtml

The only compound that exceeded a standard was benzo(a)pyrene, detected at a maximum concentration of 383 ug/kg in a soil sample collected from approximately 5 feet below the ground surface. When compared to the screening level (210 ug/kg) and given that a total of ten soil samples were collected, this single sample exceedance was determined to be insignificant.

Liability Determination

The Wisconsin Hazardous Substance Discharge Law, s. 292.11, Wis. Stats., commonly called the Spill Law, requires those who cause, possess or control a hazardous substance discharge to "take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands or waters of this state." Section 292.55, Wis. Stats., authorizes the Department to issue clarification letters concerning liability for environmental pollution.

The data summarized above indicates that one or more hazardous substance discharges have occurred on the Property. However, based on the criteria in s. NR 716.05(2), Wis. Adm. Code, the Department has determined that further site investigation activities are not required and that

no further response action is required under the ch. NR 700, Wis. Adm. Code, rule series to respond to these identified discharges.

In the future, if the Department becomes aware of new information concerning the contaminants referenced above, or the presence of other contaminants on the Property not previously identified, the Department will need to evaluate that data to determine if response actions may be required. Whenever possible, the Department requires the person who caused the discharge to take the appropriate response actions.

The Bureau for Remediation and Redevelopment Tracking System (BRRTS) identification number for this activity is shown at the top of this letter. The Department tracks information on all determinations such as this in a Department database that is available on the Internet at <http://dnr.wi.gov/org/aw/rr/>. See "BRRTS on the web" under "Contaminated Land Databases". Since there is no action required for this case, the Department has changed the BRRTS case number to 09-41-555050 and will track this site activity as a "No Action Required" determination.

The Department hopes that this letter helps clarify what known areas of residual contamination on the Property may require further environmental response action under Wisconsin law, and who is responsible for conducting these actions. If you have any questions or concerns regarding this letter, please contact me at (414) 263- 8541.

Sincerely,



Andrew F Boettcher
Hydrogeologist – RR/SER

c: Ken Brown, AECOM, 1020 North Broadway, Suite 400, Milwaukee, Wisconsin 53202
WDNR Case File 241176980