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Wisconsin Department of Natural Resources  
Tank Response Unit - Annual Report SW/3  
P.O. Box 7921  
Madison, WI 53707

JUN 22 REC'D

ANNUAL SITE STATUS FORM

LEAKING UNDERGROUND STORAGE TANK (LUST) SITE  
Form 4400-161 5-93

241595970

INSTRUCTIONS: The information on this form will be used to monitor progress on site clean up, and to determine whether action by the Department is necessary to attain compliance with s. 144.76, Wis. Stats., Hazardous Substance Spills. Personally identifiable information on this form will be used by the Department for no other purpose. This voluntary form is for actions taken in the preceding calendar year. Actions taken at LUST sites in other years are not to be included, unless specified below. A separate form is to be completed for each site. This form is to be completed in addition to technical reports which have been submitted to the Department.

SITE IDENTIFICATION

Site Name <u>Ace Cleaners</u>	Site Owner's Name <u>Peter Agnos</u>
Site Address <u>6129 W. Beloit Road</u>	Site Owner's Telephone Number <u>414 476-4855</u>
City, State, Zip Code (Site Address) <u>West Allis, WI 53219</u>	Environmental Consulting Firm <u>Key Environmental Services, Inc.</u>
County in Which Site is Located <u>Milwaukee</u>	DNR Site Identification Number <u>SED-2111</u> (from DNR correspondence)

SITE STATUS - Check all which apply, enter yards and gallons in the spaces provided. Definitions are on back of page.

Field Investigation - This site was still being investigated in the preceding calendar year to identify the extent of contamination.

Soil Excavation in preceding calendar year.  
(Indicate cubic yards for each below.)

_____ yds <sup>3</sup> Landfilled	_____ yds <sup>3</sup> Excavated and placed into active bioremediation
_____ yds <sup>3</sup> Mixed into asphalt	_____ yds <sup>3</sup> Landspread (Ch. NR 518, Wis. Adm. Code)
_____ yds <sup>3</sup> Thermal treatment process ("incineration")	_____ yds <sup>3</sup> Placed in a stockpile awaiting treatment or disposal
_____ yds <sup>3</sup> Thinspead	_____ yds <sup>3</sup> Other: _____

In-situ (in place) Soil Treatment in preceding calendar year.  
(Indicate systems active in 1992, regardless of the year started.)

_____ (est.) yds <sup>3</sup> Soil vapor extraction system	_____ (est.) yds <sup>3</sup> Active bioremediation
_____ (est.) yds <sup>3</sup> Natural (passive) contaminant biodegradation	_____ (est.) yds <sup>3</sup> Other: _____

Groundwater Treatment in preceding calendar year

_____ gals. Pumped and airstripped	_____ (est.) gals. Air sparging
_____ gals. Pumped and other aboveground treatment	_____ (est.) gals. Active groundwater bioremediation
Type of treatment unit - _____	_____ gals. Other: _____

Free Product Recovery - \_\_\_\_\_ gallons of petroleum product were removed from the water table at this site in the preceding calendar year.

Signature: *Aug Kenical* Date Signed: 7/8/93  
 Site owner  
 Other (indicate your relationship to this site) Consultant 374-4750

Please use this space and the back of the page to provide any additional information you would like the Department to have regarding the status of this site.

Thank You.

**Definitions:**

**FIELD INVESTIGATION** - The initial investigation to determine the extent and degree of contamination in soil and groundwater was in progress.

**SOIL EXCAVATION** - Contaminated soil was excavated and stored, treated or disposed. This may be a partial or total response to contamination. This definition does not include removal of clean tank backfill material. Enter the cubic yards of soil which went to each destination.

**LANDFILLED** - Excavated contaminated soil was disposed of at a licensed landfill.

**MIXED INTO ASPHALT** - Excavated contaminated soil was mixed into asphalt as a plant which is permitted to accept petroleum contaminated soil.

**THERMAL TREATMENT** - Excavated contaminated soil was treated in a unit which heats soil to volatilize contaminants and controls emissions of contaminants to the atmosphere.

**THIN SPREAD** - Excavated contaminated soil was spread on an impermeable surface and remediated by exposure to the atmosphere and naturally occurring microbes.

**ACTIVE BIOREMEDIATION** - Oxygen and/or nutrients were added to soil or groundwater to promote the breakdown of contaminants by microbes. Active bioremediation may be an in-situ or ex-situ treatment method.

**LANDSPREAD** - Excavated contaminated soil was spread on the land surface to promote natural degradation of the contaminants through exposure to the atmosphere and naturally occurring microbes. Landspreading must be conducted in accordance with the requirements of Ch. NR 518, Wis. Adm. Code.

**IN-SITU TREATMENT** - Contaminated soil and/or groundwater was remediated without removal from its original location. Soil vapor extraction is an example of in-situ soil treatment.

**SOIL VAPOR EXTRACTION** - A system consisting of vapor recovery wells, pumps and, in some cases, an off-gas treatment system, was installed to remove contamination from the soil.

**NATURAL BIODEGRADATION** - The rate of natural breakdown of petroleum compounds by naturally occurring microbes in soil or groundwater was monitored.

**GROUNDWATER TREATMENT** - Contaminated groundwater was treated in compliance with applicable state and federal requirements to remove contaminants.

**PUMPED AND AIRSTRIPPED** - Contaminated groundwater was pumped from the aquifer and treated to remove the contaminants by mixing the water with air in a tower or other structure.

**AIR SPARGING** - Air was injected into the aquifer to move dissolved contaminants from groundwater into the air. Air sparging is usually used in conjunction with soil vapor extraction.

**FREE PRODUCT** - Liquid petroleum which was floating on the water table was removed by pumping.