



George E. Meyer
Secretary

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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February 28, 1994

File Ref: FID# 230004500
ERR/ERP
Kenosha Co.

Mr. Greg Rose
Chrysler Corporation
2301 Featherstone Road, CIMS 429-02-04
Auburn Hills, MI 48326

Dear Mr. Rose:

RE: Coolant Tank Investigation and Remediation
Chrysler Corporation, Kenosha Engine Plant

The Wisconsin Department of Natural Resources (WDNR) has reviewed your submittal regarding the investigation and remediation of the coolant tank system release at the Kenosha Engine Plant. The release was reported to the WDNR in July 1993. Remedial responses included collecting product and water from the plant sewer to prevent discharge from the plant, inspecting and repairing leaks in the existing tanks in August and September 1993, and replacement of the tank system in December 1993. The WDNR has recently provided verbal approval to Chrysler to seal the leak in the storm sewer in this area.

The release, of a water/water soluble coolant mixture, appears to be limited to the area around the tank system and the adjacent storm sewer. Although the residual subsurface contamination has not been fully assessed or remediated, the WDNR is not requiring further investigation or remedial action be taken at this time, due to the lack of access to the subsurface in this area of plant operations and the expected rapid biodegradation of this coolant. Monitoring wells down-gradient of this area should be checked for visual evidence of the coolant during routine sampling events. This area must be re-evaluated for the presence of the released coolant in the future, should operations in this area cease or otherwise change, making it practicable to access the subsurface. Further remedial actions may be required at that time, or at any prior time, should the release pose an environmental or human health concern.

The WDNR appreciates the actions you have taken to address this release and prevent future releases from the coolant system. If you have any questions about this letter, please contact me at (414) 961-2726.

Sincerely,

PAM

Pamela A. Mylotta
Hydrogeologist, Environmental Repair Program

c: SED Casefile

ATTN: <u>Chrysler Kenosha Main</u>		Date <u>August 6, 1993</u>
<input type="checkbox"/> ERP Casefile memo		
		<input type="checkbox"/> In Person <input checked="" type="checkbox"/> Telephone
Facility/Company Name Chrysler Corp.	Location (Address or ¼-¼) Main Plant	City, State, Zip Code Kenosha, WI
Facility I.D. FID 230004500	County Kenosha	District Southeast District, Milwaukee
Facility Representative Contacted Greg Rose	Title or Position of Representative Environmental Specialist	
	Representatives Phone Number (including area code) 313-370-8614	

Greg Rose called on August 6, 1993, at 9:10 to discuss a release that occurred from a coolant tank at the operating engine plant in Kenosha. Also conferencing on the call from Chrysler were Leon Bazano (Facility Engineer), Lenny Zirka (?), and Debby Roh (Corporate Office Environmental Specialist).

Greg reported that a release had been discovered during the daily storm sewer outfall monitoring on July 19, 1993. A milky color in the storm water was traced to Building 53 (in the center of the plant) where machining operations take place. A coolant tank system had recently been reactivated in that area. The tank had previously been out of use for about 3 years, and was refilled on July 17, 1993. The storm sewer was blocked off downstream of the coolant tanks. According to Greg, the tanks appear to be losing product, but he is not clear how, where, or how much product is being lost. Chrysler plans to take the tanks out of service temporarily (this coming Saturday night), to drain about 35,000 gallons of coolant from the system, to inspect the tanks, repair any obvious leaks, and put the tanks back into service if possible. Greg reported that this coolant distribution system is essential to the machining operations and cannot be shut down without a replacement system.

Greg reported that Chrysler had notified Jeff Williams and Jerry Jarmuz (WDNR) about the sewer leak.

The coolant being lost is a 3-5% concentration blend with water of a water-soluble coolant. The coolant contains potassium hydroxide and has a pH of about 8. It will be difficult to test for the presence of the coolant, but it can be detected visually in water at low concentrations.

Check if additional sheets attached.

ATTN: Chrysler Kenosha Main		Date August 9, 1993
<input type="checkbox"/> ERP Casefile Memo	<input type="checkbox"/>	Time (24-Hour Clock) 14:07
<input type="checkbox"/>	<input type="checkbox"/>	Contact Method <input type="checkbox"/> In Person <input checked="" type="checkbox"/> Telephone
Facility/Company Name Chrysler Corporation	Location (Address or ¼-¼) Main Engine Plant	City, State, Zip Code Kenosha, WI
Facility I.D. FID 230004500	County Kenosha	District Southeast District, Milwaukee
Facility Representative Contacted Greg Rose/Debby Roh	Title or Position of Representative Environmental Specialist	
		Representatives Phone Number (including area code) 313-370-8614

Greg and Debby called to provide a status update on the coolant tank release at the Chrysler Kenosha Main Engine Plant. The system was taken down over the weekend as planned. Several leaks were found in the tank. The leaks were plugged and rewelded, and the tank was placed back in service.

The adjacent coolant tank system (System 2) will be taken out of service for evaluation over Labor Day.

Check if additional sheets attached.