04-08-224136

PLEASE PRINT

State of Wisconsin Substance Release Notification Form

24-Hour Emergency Hotline Number: 1-800-943-0003 Form 4400-91 Rev. 11-95

Name Changed to American Finishing

Date and Mil. Time of Incident 3/16-17/97 time Uk.	Date and Mil. Time Reported 4/17/97 ~ 14:30

04-08-224136

Person Reporting Matt Schuh	Telephone # (414) 849-9562 ex312
Representing Agency, Firm, or Citizen City of Chilton Wastewater Treatment Facility	
Responsible Party Thermal Clean, Inc	
Contact Name Will Belitz, Operations Mgr	Telephone # (414) 849-7738 ex19
Address 476 Clay St. P.O. Box 164	City, State, Zip Code Chilton, WI 53014

Substance Involved	Amount & Units Released	Amt. Recovered	Is this a 304 (11004 42 USC) spill?
Muriatic Acid 10%	~1000 gal	~ 200 gal	☐ Yes ☐ No ☐ Unknown

☐ Solid ☐ Semisolid ☒ Liquid ☐ Gas Color Uk Odor Uk

Exact Location (inc. address, facility name, mileage, bldg. #, etc.)
476 Clay Street

City Chilton	County Calumet	Lat/long
DNR Region NE	SW¼ NE¼ sec 18 T 18 NR 20 (E/W)	Weather Cond.

Cause of Incident Broken coupling on pipe between storage tank & pump ... see attachments

Spilled Substance Impact To:
Check (✓) all that apply
- ☐ Air ☐ Potential
- ☐ Soil ☐ Potential
- ☐ Groundwater ☐ Potential
- ☐ Surface Water ☐ Potential
  Name: _____
- ☐ Storm Sewer ☐ Potential
- ☒ Sanitary Sewer ☐ Potential
- ☐ Concrete/Asphalt ☐ Potential
- ☐ Private Well ☐ Potential
- ☒ Contained/Recovered
- ☐ Other: _____

Spill Source:
- ☐ Transportation Accident, Fuel Supply Tank Spill
- ☐ Transportation Accident, Load Spill
- ☒ Industrial Facility ☐ Paper Mill ☐ Chemical Co.
- ☐ Ag Coop/Facility/Food Factory/Facility
- ☐ Gas/Service Station/Garage/Auto Dealer, Repair Shop
- ☐ Pipeline, Terminal, Tank Farm, Oil Jobber/Wholesaler
- ☐ Public Property (city, state, church, school, etc.)
- ☐ Utility Co., Power Generating/Transfer Facility
- ☐ Private Property (home/farm)
- ☐ Construction, Excavation, Wrecking, Quarry, Mine
- ☐ Airport Facility ☐ Railroad Facility
- ☐ Other _____

Action Taken By Spiller
- ☐ No Action Taken
- ☐ No Action Needed
- ☐ Monitor
- ☒ Cleanup Method: pump from floor to tank
- ☐ Waste Destination: _____
- ☐ Containment
- ☐ Contractor Hired
  Name: _____
- ☐ Other: _____

Injuries? ☐ Yes ☒ No If yes, how many? ____ | Has an evacuation occurred? ☐ Yes ☒ No Potential? ☐ Yes ☐ No

Are there any resource damages? ☐ Yes ☐ No ☒ Potential What kinds? Upset WWTF → exceeded permit limits

Other Agencies Notified (✓ first column if notified); Check (✓) both columns if on scene

☐ ☐ Fire Department/Hazmat	☐ ☐ Local DNR	☐ ☐ EPA
☐ ☐ Local Law Enforcement	☐ ☐ Div. Emer. Gov.	☐ ☐ Nat'l Resp. Ctr. 800-442-8802
☐ ☐ LEPC or Local Emer. Gov.	☐ ☐ DATCP 608-224-4500	☐ ☐ Chemtrec 800-424-9300
☐ ☐ Regional Response Team	☐ ☐ DHSS 608-266-2830	☒ ☒ Other City WWTF

Incident Commander, if known: _____
Phone: _____

Prepared By: (Print) Jeffrey J Hacek (Sign) [signature]	Date: 4/23/97	Rpt'd to DATCP? ☐ Yes ☒ No
Person Notified:	Region Notified: NE Time: ~14:30 Date: 4/17/97	
Invstgtd By: (Print) " (Sign) [signature]	Date: 4/21/97	Site Closed? ☒ Yes ☐ No
Spill Coordinator Signoff: [signature]	Date: 4-25-97	Transferred to ERP? ☒ No ☐ Yes; Case # _____
		NFA Letter Sent? ☐ Yes ☒ No
		Spill Packet Sent? ☐ Yes ☒ No

☐ Additional Comments on Reverse

Department of Natural Resources

FACILITY CONTACT FORM

Form 3400-51 Rev. 7/89

ATTN:	☐ Pretreatment (WW/2)	Date 04/21/97 MM/DD/YY
☐ Environmental Enforcement (EE/5)	☒ Municipal Wastewater Section (WW/2)	Time (24-Hour Clock) 11:00
☐ Private Water Section (WS/2)	☐ Industrial Wastewater Section (WW/2)	Contact Method
☐ Public Water Section (WS/2)	☒ NER District	☒ In Person ☐ Telephone

Facility Name CHILTON POTW	Location (Address or ¼-¼) CITY OF ...	County CALUMET	
Facility I.D. or Wis. Unique Well Number 408004300	WPDES Permit Number WI - 0022799	District No. 4	DNR Person Making Contact HAACK
Facility Representative Contacted MATT SCHUH; GLEN PINGLE	Title or Position of Representative SUPT.; OPERATOR		
Activity Codes SP	Representatives Phone Number (including area code) (414) 849 - 9562 (ext. 312)		

Matt had called me last week to report an upset plant condition, following a spill of Muriatic acid at Thermal Clean, Inc. The spill had occurred March 16 & 17. Initially, it didn't seem to impact the WWTF too dramatically, and Matt thought that it was recovering, but last week things took a turn and the level of treatment deteriorated further.

Thermal Clean had promptly notified Matt and they discussed further reporting (to DNR etc.) but since none of the spill escaped directly to the environment they decided it wasn't needed. Matt had hauled approximately 10,000 gallons of "seed" activated sludge from the New Holstein WWTF about a week after the spill, and another 15,000 gallons earlier on the date of this visit.

We went to Thermal Clean at approximately 11:00 and met with Jerry Rankin, General Manager, and Will Belitz, Operations Manager. The spill occurred when a coupling on a storage tank for the pretreatment system failed. This area had been provided with containment consisting of a two inch angle iron set into the concrete, and protection of the outfall to the sanitary sewer by providing a short riser on the floor drain. The two inch angle iron did not provide adequate volume and overflowed some, but more significantly, the seal around the riser on the floor drain was ineffective. It is estimated that 800 gallons of 10% Muriatic (Hydrochloric) acid escaped into the sewer system. Mr. Belitz provided a copy of his handwritten log of this incident and a subsequent memo to Mr. Rankin. The seal around the riser was immediately repaired and proper secondary containment curb has been designed, with installation expected within 4 to 6 weeks. Mr. rankin and Mr. Belitz were cooperative. Before leaving Thermal Clean I informed them, as well as Mr. Schuh, that spills to the sanitary sewer system were subject to the reporting requirements of SS. 144.76, though acknowledged that a bit of judgement is appropriate in instances such as this where the impact on the WWTF is in question. When there is any doubt, I advised reporting. I conclude that Thermal Clean had responded appropriately after this spill.

At the WWTF the biggest problem appears to be the settleability of the activated sludge. There is a lot of very fine floc going over the final clarifier weirs. There will unquestionably be several weeks of exceeding the effluent limitations for BOD_5 and TSS, and probably a somewhat longer period of exceeding the limitations for NH_3-N. Matt agreed to contact me next week if operations do not improve. At the outfall, there is a definite plume visible for 50 to 100 feet downstream from the discharge point. Fortunately, the flow in the South Branch of the Manitowoc River is fairly high, providing a lot of dilution.

☐ Check if additional sheets attached.

Date: March 17, 1997
To: Jerry Rankin
From: Will Belitz
Subject: Muriatic Acid Leak Report

The Muriatic Acid release was discovered at the Muriatic Acid storage tank in the waste treatment area at approximately 4:00 A.M. this morning. The Muriatic Acid had also leaked into the sanitary sewer outfall allowing the acid to enter the City of Chilton sanitary sewer lines and POTW. Approximately 600-800 gallons of muriatic acid diluted to 10% concentraation entered the sanitary sewer. A check of the plant at approximately 4:30 P.M. yesterday afternoon (Sunday, March 16, 1997) did not reveal a problem. Although the duration of the release was some period under 11.5 hours, the exact duration is not known.

The only chemical involved in the release is Muriatic Acid (Hydrochloric Acid). Hydrocloric Acid is not listed in Section 302 (Extremely Hazardous Substances) SARA TITLE III.

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The health risks involved in the release are minimal since the released material left in the plant was properly cleaned up by qualifiied individuals. The release to the sanitary sewer system took place during hours when City of Chilton employees were not working. Matt Schuh was notified of the release at 7:05 A.M. so that he could take any steps necessary to deal with the released material. No other notifications were made as Matt Schuh indicated that noother agency had to be notified since the release was limited to the sanitary sewer. No release to the surrounding grounds or ground water took place.

Precautions were taken as the release was contained. The valve to the Muriatic Acid storage tank was turned off as it was upstream from the visible release point. The release point was at a broken coupling at the Muriatic Acid pump. Jerry Rausch and Wayne Hoerth were called in to help contain the release. Jerry Rausch is a trained emergency responder (40 hour course). The area was ventilated to assure safe clean up.

Will Belitz (414)849-7738 Ext. 19 will provide any additional information that might be requested.

The release to the sanitary sewer took place because the secondary containment at the sanitary sewer outfall was defective. A proposal to provide a new containment system capable of holding a release from a 2,000 gallon tank is being prepared. The proposal will be submitted for approval within two weeks. Approval of the proposal will take an additional two weeks. The installation of a new containment system will take an additional six weeks. A completion date of May 26, 1997 is expected. Please note that the installer's schedule will determine the exact completion date.

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All clean up and temporary repairs have been completed. Normal operations are again taking place.

Please contact me as questions arise.

Thank you,

Will Belitz

Will Belitz
Oper. Mgr.