

04-08-042966
State Div. Emergency
U.S. Nat'l. Response
Chemtrec/Pesticides

Spill ID Number
Y Y M M D D 0-99

04-08-042966

Date of Incident 7-28-88	Day of Week Thursday	Time of Incident 1:00	<input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M.	Reported By (Name) Anonymous	Telephone Number Unknown
Date Reported 7-28-88	Day of Week Thursday	Time Reported	<input type="checkbox"/> A.M. <input type="checkbox"/> P.M.	Agency or Firm Reporting DNR Hotline	Reported thru Div. Emergen. Gov't. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Substance Involved Rinse water/solution	Quantity Approx. 10 gals./hour	Units	Person or Firm Responsible Chilton Plating Company Inc.		
Substance Involved -Unknown as to number of hours.	Quantity XXXXXX	Units XXXXX	Contact Name Jim Mc Neely	Telephone Number (414) 849-9355	

Physical Characteristics

Solid Liquid Gas Semisolid

Color None visible Odor None detect.

Address - Street or Route 420 E. Main Street
City, State, Zip Code Chilton, Wisconsin 53014

Cause of Incident Leak in tank/faulty drain channel

Exact Location Description (intersection, mileage, etc.) (behind building) 420 E. Main St. Chilton, WI

County Location Calumet $\frac{1}{4}$, $\frac{1}{4}$, Section, Town, Range NE, NW, 18, T 18 N, R 19 E.

DNR Dist LMD DNR Area OSH Groundwaters Affected Yes No Potential

Surface Waters Affected Yes No Potential Name of Surface Water Manitowoc River

Date District area notified 7-29-88 Day of Week Friday Time District Notified 10:15 A.M. P.M.

District Person Notified Mark Corbett Telephone Number (414) 424-3050

Date Investigated 7-29-88 Day of Week Friday Time Investigated 9:05 A.M. P.M.

Person Investigating Byron J. Goetsch Telephone Number (414) 849-9599

Action Taken By DNR

No Action Taken Investigation Supervise/Conduct Cleanup

Spill Location

Industrial Facility/Paper Mill/Chem. Co.
 Gas/Service Station/Garage, Auto Dealer, Repair Shop
 Ag Coop/Facility/Cheese Factory/Creamery
 Other Small Business (bank, grocery, insurance co., etc.)
 Public Property (city, county, state, church, school, etc.)
 Utility Co., Power Generating/Transfer Facility
 Private Property (home/farm)
 Pipeline, Terminal, Tank Farm, Oil Jobber/Wholesaler
 Transportation Accident, Fuel Supply Tank Spill
 Transportation Accident, Load Spill
 Construction, Excavation, Wrecking, Quarry, Mine
 Other

Spilled Substance Destination

Air Soil Groundwater Surface Water
 Storm Sewer Sanitary Sewer
 Contained/Recovered Other

Other Agencies on Scene

Local None
State None
Federal None

Person Filing This Report (print name) Byron J. Goetsch
Signature [Signature] Date Signed 7-31-88

Additional Comments:
(See attached narrative report)

Closed 7/31/88
TDA 4/26/16

880728-04

TOXIC AND HAZARDOUS
INCIDENT REPORT:

On Thursday July 28, 1988 at approximately 6:30pm Warden BYRON GOETSCH (writer) was notified of a possible spill by Warden Supervisor DENNIS JONES. Information was recieved anonymously through the Hotline. JONES indicated that there was an ongoing problem with Chilton Plating Company discharging hazardous materials into the Manitowoc River behind the plant. Information further indicated that the material was running out from between the two buildings.

On Friday July 29, 1988 at approximately 9:05am, GOETSCH responded to Chilton Plating Company located at 420 East Main Street, Chilton, Wisconsin. Contact was made with a JIM MC NEELY, manager. GOETSCH explained the purpose of the contact and MC NEELY stated that there had been a leak from there plant on Thursday July 28, 1988. He stated that at approximately 1:00pm he was notified of the leak by two employees who he stated were JOSEPH LIEBAU and SCOTT GRESBACH. MC NEELY pointed out where the material originated from and how it entered the environment. He stated that in a normal rinsing process, the product is submerged into large vats of acid and then a caustic cleaner. As the product is submerged, the displaced liquid runs into a drain which is open on the top and lined with concrete. He pointed out that this liquid moves along the concrete channel to there on-site treatment facility. From there the waste material is sent to the City of Chilton's Wastewater Facility. MC NEELY indicated that the concrete channel had eroded away and the waste material escaped to an over ground concrete drain which leads to the Manitowoc River directly behind the plant. This over ground drain appears to be in place to carry rain water away from the plant. MC NEELY indicated that the waste material which escaped from the plant would not be what he would consider hazardous material. He stated that he took a sample of the material from the concrete drain and it tested at a pH of 7 which he stated was neutral. MC NEELY explained that the waste material might contain hydrochloric acid, a caustic cleaner (type F1A) and ferric and/or zinc heavy metals. He stated that he was not sure how much waste material had escaped. He only estimated that while the plant was operating, approximately 10 gallons would be lost in 1 hour. He further stated that once the leak was discovered, that portion of the plant was shut down. MC NEELY stated that he consulted the plants contingency plan to decide if it should be reported to the Department. He stated that he decided that it was not worth getting others involved, so he did not report it. He stated that it would be a waste of money.

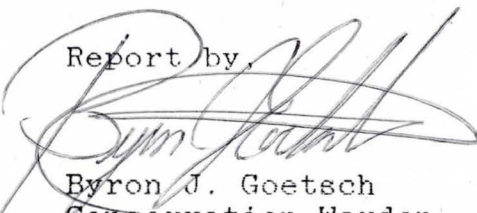
GOETSCH took several photographs both inside and outside of the plant. He used a Ricoh 35mm Camera with 400 ASA, 12 exposure film. In addition, GOETSCH took 4 water samples from the Manitowoc River. These samples included 1 upstream from the outfall area, 1 at the outfall site, and 2 downstream from the outfall site. The samples were labelled and sent, parcel post, to the Hygiene Lab in Madison. (See Water Chemistry Report Form # 3200-32)

TOXIC AND HAZARDOUS
INCIDENT REPORT: (cont'd)

On Friday July 29, 1988 at approximately 10:15am GOETSCH notified MARK CORBETT, Oshkosh of the situation. GOETSCH was unable to contact any engineer at the District Office at Green Bay. CORBETT stated that DOUG ROSSEBERG and BUD DUKE should be notified of the situation as they have had other dealings with the company.

On Saturday July 30, 1988 GOETSCH was ask by MC NEELY to meet him at the plant to inspect the repair of the faulty channel. At 10:30am GOETSCH looked at the repaired channel and MC NEELY pointed out that a fibreglassing company had sealed the channel with fiberglass. MC NEELY just wanted to point out that there company was concerned about protecting the environment. In addition, he wanted others to know that something was done to prevent a leak in the future.

Report by,



Byron J. Goetsch
Conservation Warden
126A State Street
Chilton, Wisconsin 53014
(414) 849-9599

cc. Attached to Form #4400-91
Per. File

bjg/BJG

Hotline

Date Received 7 ^{AM} 1 28 1 88		Time Received 6:30 <input checked="" type="checkbox"/> AM <input checked="" type="checkbox"/> PM		Date of Violation 7 ^{AM} 1 28 1 88		Day of Week 1 2 3 4 5 6 7		Violation Hazardous Waste / Creek		Violation Code		
Name of Caller Anonymous			Return Call <input type="checkbox"/> (✓)		Location of Violation Behind plant		Fire No.		County Calumet		Time of Violation Ongoing <input type="checkbox"/> AM <input type="checkbox"/> PM	
Street or Route				Suspect Name Chilton Plating Co. Inc.								
City, State, Zip Code				Suspect Address 420 East Main St.				City Chilton		State WI		
Telephone Number (include area code)				Suspect's Vehicle Make		Model		Color		Lic. No. and State		

Who was involved
What took place
When did it happen
Where did it happen
How did it happen
Method and equipment
Disposition

- Information received indicates that acids & plating waste is being discharged from plant into Manitowish River. Further, this has been an ongoing problem.

Received By C203 → C154	Copy 1 - Action Copy C154	Copy 2 - Informational	Copy 3 - Area Warden (Warden Supervisor)	Copy 4 - Preparer
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ACTION COPY C203

CHAIN OF CUSTODY RECORD

AMPLE COLLECTOR Bryan Goetsch TITLE/WORK STATION Chilton TELEPHONE NO. (414) 849-9599
 PROPERTY OWNER Chilton Plating PROPERTY ADDRESS 420 E. Main Street TELEPHONE NO. (414) 849-9355

PHOTOGRAPHS (Optional): YES NO (Circle One)

Submitted to hygien lab

ACCEPTED _____ SIGNATURE _____
 REJECTED _____ SIGNATURE _____

AMPLE NO.	DATE	TIME	COMP.	GRAB.	STATION LOCATION SAMPLE DESCRIPTION	LAB ID NUMBER	COMMENTS
100	7-29-88	9:20am			South side, Main Twp. River near mt Hill off spill area - 420 E. Main, Chilton.		
101	7-29-88	9:25am			North side of Main Twp. River near East Main St Bridge, Chilton.		
102	7-29-88	9:35am			South side, Main Twp. River behind Corp. E. Carmel Avenue Chilton (Railroad Bridge)		
103	7-29-88	9:40am			South side, Main Twp. River, Irish Lake Bridge, Chilton.		

hereby certify that I received, properly handled, and disposed of these samples as noted below:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Received for Laboratory by: (Signature)	Date/Time	

Disposition of Unused Portion of Sample
 Dispose _____ Retain for _____ days
 Return _____ Other _____

Submitted To Hygiene Lab

THIS REPORT FOR USE BY LAW ENFORCEMENT PERSONNEL ONLY

<p>Sample Description</p> <p>- Sample collected as a result of spill from a plating company. Materials might include HCL, Caustic Cleaners (Type F1A), Heavy metals (Ferric and Zinc) Sample collected downstream - beyond # 101. Spill occurred on 7-28-88.</p>	<p>Field No.</p> <p><u>103</u></p>
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Name	<u>Byron J. Gotsch</u>
Address	<u>120A State St.</u>
City, State, Zip Code	<u>Chilton, WI 53014</u>

Time Collected 09:40
(24 Hr. Clock) H H M M

Collection Date 07 29 88
M M D D Y Y

Body of Water Manitowoc River

Primary Sta. No. _____

County Columbia Section 18

Town 18 N. Quarter E 1/4

Range 20 E. Quarter NE 1/4

Collected By Byron J. Gotsch Warden

Shaded Areas for Lab Use Only

BOD Estimate	MFCC Estimate
--------------	---------------

- 131 Temp (°C) Field
- 091 DO Field
- 096 pH (su) Field
- 026 BOD-5 Tot.
- 134 MFCC*
- 097 pH (su) Lab.
- 138 Total Solids
- 107 Vol. Total Solids
- 106 Suspended Solids
- 109 Vol. Susp. Solids

Parameter Code (Lab. Use)	Name
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____

Additional Analysis:

Comments:

****SAMPLE WILL AUTOMATICALLY BE DESTROYED AFTER 90 DAYS UNLESS FURTHER NOTIFICATION IS RECEIVED.**

Disposition of Sample

Return

Destroy

Retain**

Date Received _____

Lab. No. _____

Date Reported _____

Submitted To Hygiene Lab.

THIS REPORT FOR USE BY LAW ENFORCEMENT PERSONNEL ONLY

Sample Description

- Sample collected as a result of spill from plating company. This sample was taken upstream from discharge site.

Field No.

102

Send Report To:

Name	<i>Byron J. Goetsch</i>
Address	<i>120A State St.</i>
City, State, Zip Code	<i>Chilton, WI 53014.</i>

Time Collected (24 Hr. Clock)

09:35
H H M M

Collection Date

07 29 88
M M D D Y Y

Body of Water

Manitowoc River

Collected By

Byron J. Goetsch / Warden

Primary Sta. No.

Calumet

County

Section

18

Town

18-19N

Quarter

E 1/2

Range

19-20E

Quarter

NW 1/4

Shaded Areas for Lab Use Only

BOD Estimate

MFCC Estimate

Parameter Code (Lab. Use)

Name

- 131 Temp (°C) Field
- 091 DO Field
- 096 pH (su) Field
- 026 BOD-5 Tot.
- 134 MFCC*
- 097 pH (su) Lab.
- 138 Total Solids
- 107 Vol. Total Solids
- 106 Suspended Solids
- 109 Vol. Susp. Solids

Comments:

**SAMPLE WILL AUTOMATICALLY BE DESTROYED AFTER 90 DAYS UNLESS FURTHER NOTIFICATION IS RECEIVED.

Disposition of Sample

- Return
- Destroy
- Retain**

Date Received

Lab. No.

Date Reported

Submitted To Hygiene Lab.

THIS REPORT FOR USE BY LAW ENFORCEMENT PERSONNEL ONLY

Sample Description

- Sample collected as a result of a spill from a plating company. Materials might include Hydro Chloric Acid, Caustic Cleaners (Type F 2A), Heavy Metals - Ferric & Zinc. This sample taken downstream from spill site. Spilloccured 7-28-88.

Field No.

101

Send Report To:

Name	<i>Byron J. Goetsch</i>
Address	<i>126A State Street</i>
City, State, Zip Code	<i>Clinton, WI 53014</i>

Time Collected (24 Hr. Clock)

09:25
H H M M

Collection Date

07 29 88
M M D D Y Y

Body of Water

Manitowish River.

Collected By

Byron J. Goetsch / Warden

Primary Sta. No.

County

Calumet

Section

18

Town

18-19 N.

Quarter

E 1/2

Range

19-20 E.

Quarter

NW 1/4

Shaded Areas for Lab Use Only

BOD Estimate

MFFCC Estimate

Parameter Code (Lab. Use)

Name

- 131 Temp (°C) Field
- 091 DO Field
- 096 pH (su) Field
- 026 BOD-5 Tot.
- 134 MFFCC*
- 097 pH (su) Lab.
- 138 Total Solids
- 107 Vol. Total Solids
- 106 Suspended Solids
- 109 Vol. Susp. Solids

<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
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<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____

Additional Analysis:

Comments:

**SAMPLE WILL AUTOMATICALLY BE DESTROYED AFTER 90 DAYS UNLESS FURTHER NOTIFICATION IS RECEIVED.

Disposition of Sample

- Return
- Destroy
- Retain**

Date Received _____

Lab. No. _____

Date Reported _____

Submitted To Hygiene Lab.

THIS REPORT FOR USE BY LAW ENFORCEMENT PERSONNEL ONLY

Sample Description

- Sample collected as result of spill from a plating Company. Materials might include Hydrochloric Acid, Caustic Cleaners - (Type F2A), Heavy metals - Ferric and possibly zinc. (Spill occurred on 7-28-88 - sample collected 7-29-88.)

Field No.

100
(Near spill site)

Send Report To:

Name	<u>Byron J. Goetsch</u>
Address	<u>120A State St.</u>
City, State, Zip Code	<u>Chilton, WI 53014</u>

Time Collected (24 Hr. Clock)

09:20

Collection Date

07 29 88

Body of Water

Manitowic River

Collected By

Byron J. Goetsch/Wooden

Primary Sta. No.

County

Calumet

Section

18

Town

18-19 N.

Quarter

E 1/2

Range

19-20 E.

Quarter

NW 1/4

Shaded Areas for Lab Use Only

BOD Estimate

MFCC Estimate

Parameter Code (Lab. Use)

Name

- 131 Temp (°C) Field
- 091 DO Field
- 096 pH (su) Field
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- 134 MFCC*
- 097 pH (su) Lab.
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- 109 Vol. Susp. Solids

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<input type="checkbox"/>			
<input type="checkbox"/>			

Additional Analysis:

Comments:

**SAMPLE WILL AUTOMATICALLY BE DESTROYED AFTER 90 DAYS UNLESS FURTHER NOTIFICATION IS RECEIVED.

Disposition of Sample

- Return
- Destroy
- Retain**

Date Received

Lab. No.

Date Reported



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Lake Michigan District Headquarters
1125 N. Military Avenue
Box 10448
Green Bay, WI 54307-0448

Carroll D. Besadny
Secretary

Spills 08 → ERR
8/29
FID#408026300

August 15, 1988

File Ref: 4430

RECEIVED

AUG 16 1988

BUREAU OF SOLID -
HAZARDOUS WASTE MANAGEMENT

Mr. Clyde McNeely, Vice President
Chilton Plating Company Inc.
P.O. Box 27
Chilton, WI 53014

Subject: May 9, 1988 revised soil sampling plan

Dear Mr. McNeely:

This letter is being written in response to your August 11, 1988 note. It appears, upon further review with Warden Byron Goetch, that the source of the spill occurrence was from the Zinc Tin barrel line, and not from the Nickel Chrome rack line as stated in my letter to you dated August 8, 1988.

Regarding the test parameters for the noted soil sampling plan, you may replace cadmium, with total (Fe)iron. All other points of the soil sampling plan shall be as stated in my two letters dated August 8, 1988, and July 28, 1988.

Again, I look forward to your beginning the soil sampling at the plant as soon as possible.

Sincerely,

Harold R. Duke
Solid Waste Specialist

cc: Hazardous Waste Section SW/3

Spill
08.



State of Wisconsin / DEPARTMENT OF NATURAL RESOURCES

Lake Michigan District Headquarters
1125 N. Military Avenue
P. O. Box 10448
Green Bay, WI 54307-0448

Carroll D. Besadny
Secretary

February 3, 1988

File Ref: 4430

CERTIFIED MAIL
Return Receipt Requested

Mr. Clyde McNeely
Chilton Plating Company, Inc.
420 E. Main Street
Chilton, WI 53014

Subject: Notice of Noncompliance, State Statute 144.76,
Hazardous Substance Spill

Dear Mr. McNeely:

On August 15, 1985, and April 28, 1987, samples of soil and liquid were taken at your facility in Chilton, Wisconsin. The samples were taken to determine if activities at Chilton Plating are causing contamination of the environment.

A soil sample and a sample of the yellow liquid were taken on August 15, 1985. The liquid appeared to have been discharged from the facility. Analysis by the Wisconsin State Laboratory of Hygiene showed that the liquid contained high concentrations of chromium and nickel. On April 28, 1987, three soil samples were taken and sent to the Wisconsin State Laboratory of Hygiene and analyzed for chromium, nickel, cyanide. The samples showed soil contamination with chrome, nickel and cyanide. Copies of the laboratory results for all samples taken are enclosed.

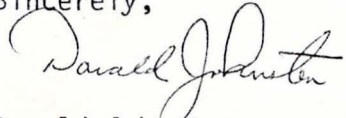
The sampling results coupled with visual observations made while collecting the samples shows that your plating operation has adversely impacted the environment. The failure to notify the Department about the alleged discharges at the facility was not in compliance with State Statute 144.76(2). Failure to take corrective action in regard to the alleged discharges was not in compliance with State Statute 144.76(3). In order to prove compliance with State Statute 144.76(2) and (3), you must take the following actions:

1. Hire a competent consultant to investigate the extent of contamination that has resulted from the alleged discharges from the facility by February 19, 1988. A list of consultants known to the Department is enclosed.
2. Submit a plan outlining proposed actions to investigate the extent of contamination for Department approval, by March 4, 1988.

3. Within 30 days of Department approval of the sampling plan, complete the proposed actions.
4. Submit the results of the investigation along with a plan for remedying any contamination discovered, within 45 days of completion of the investigation.
5. Complete remedial actions to mitigate any contamination at the site within 60 days of approval of the remediation plan.

If you have any questions about this matter, please call me at 497-4054.

Sincerely,


Donald Johnston
Hazardous Waste Specialist

MAR 10 1988

DJ:lvp

cc: Environmental Response and Repair Section - SW/3

Amman