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October 14, 2013

Mr. Michael J. Mikulka
Senior Environmental Engineer
Land & Chemicals Division
US Environmental Protection Agency
77 West Jackson Blvd
Chicago, IL 60604-3590

Subject: Quarterly Progress Report (July to September 2013)
Administrative Order on Consent (February 26, 2009)
Tyco Fire Products LP
Stanton Street Facility
Marinette, Wisconsin
WID 006 125 215

Dear Mr. Mikulka:

Section VI, 21, b (Page 10) of the Administrative Order on Consent (AOC), dated February 26, 2009, requires Tyco Fire Products LP (Tyco) to submit quarterly progress reports to the U.S. Environmental Protection Agency (EPA) Region 5 and the Wisconsin Department of Natural Resources (WDNR). The reports are required to document activities conducted as part of the Resource Conservation and Recovery Act (RCRA) corrective actions at the Tyco facility in Marinette, Wisconsin. The enclosed report covers the period from July 1, 2013 through September 30, 2013, and presents a brief description of the work completed to date, data collected, problems encountered, and schedule of activities as required by the February 2009 AOC.

Work During this Reporting Period

Pursuant to the 2009 AOC requirements, activities during the reporting period primarily focused on completion of the 2013 dredging activities. The activities that were completed are summarized in this section.

Operation of the groundwater collection and treatment system (GWCTS) continued through the third quarter of 2013. A summary of the operational data is included as Attachment 1.

Additional trees were planted during the reporting period. Figures of the new tree plots are in Attachment 2. A tree survey was performed on the newly installed trees. There was a 96 percent survival rate, with only 10 percent of those survivors listed as “small”.

The 2013 dredging season activities continued. The operational approach was modified to allow for delivery of South Channel sediments to a new transfer pit in the truck turnaround in lieu of using Bin 11 as originally planned. This change allows the transfer of the sediments trucked to the property from the South Channel to scows, which are then moved to the offloading and treatment area for processing. Meetings with stakeholders and agencies were held. Several areas of the dredging project were identified to be dredged to glacial till based on visual identification in the field. Till verification reports were provided

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to the agencies under separate cover. The following items were completed or sent to the agencies as part of the dredging and operational process:

- Bin summary emails on the status of the treated sediment bins
- Spring Treatability Technical Memorandum
- 2013 Total Suspended Solids and In Situ Turbidity Correlation Memorandum
- Monthly WPDES reports to WDNR for the temporary water treatment system as part of the sediment removal activities
- QAPP Addendum 1 for the Confirmation Sampling Plan to add ECCS and Test America Laboratories

Various other documents also were delivered to EPA and/or WDNR via e-mail to fulfill agency e-mail or phone requests for additional information regarding the sediment removal documents. These deliverables are summarized in Table 1.

Additional Activities

Discussions were conducted with EPA, WDNR and GLNPO on implementing a "betterment" by dredging sediments with arsenic concentrations between 20 ppm and 50 ppm. A meeting in Chicago and several phone conversations were conducted with the agencies and documentation prepared and delivered to the agencies (via email) regarding the proposed activities. No final decision has been made at this time.

Additional studies of the GWCTS were started to investigate potential enhancements to the groundwater pumping and treatment inside the barrier walls. This is an ongoing activity and is scheduled for conceptual recommendations during the 4th quarter of 2013 and enhancements, if appropriate, would be implemented during 2014.

Data Collected

Extraction and treatment volumes, analytical testing, and discharge quantity data are required as part of the Wisconsin Pollutant Discharge and Elimination System (WPDES) permit obtained from WDNR for operation of the GWCTS. Attachment 3 includes the monthly WPDES discharge monitoring reports (DMR) for June 2013 through August 2013. Additional data on the operation of the GWCTS are included in Attachment 1.

The 2013 barrier groundwater monitoring data will be evaluated in an annual barrier wall groundwater monitoring report which will be provided after the second round of semi-annual groundwater elevations is completed in the 4th quarter. As indicated in the barrier groundwater monitoring plan, this annual report will focus on evaluation of the data rather than re-presenting information provided in quarterly reports and will be included as part of the 5-year technical review required as part of the AOC.

Problems Encountered

The temporary water treatment system required for the dredging operations received a notice of noncompliance in September. Tyco conducted an engineering evaluation of the system operation to identify the cause of the discharge criteria exceedances and implemented interim processes to minimize the potential for future discharge criteria

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exceedances. The processes implemented include additional mid-process sampling and retaining treated water in temporary tanks until laboratory screening of water quality is completed. Tyco provided the WDNR with a letter outlining the steps necessary to maximize compliance with the WPDES permit.

As noted in the 2nd quarter report, there were split samples collected by EPA during the 2nd quarter resulting in some differences in analytical results than those provided by ECCS (Tyco's onsite laboratory) for 3 individual samples. Subsequent discussions between EPA, WDNR and Tyco regarding these differences were resolved to the satisfaction of Tyco and the agencies.

Schedule of Activities (October 2013 through December 2013)

The following is a summary of activities to be conducted during the next reporting period.

- Submit the quarterly progress report
- Complete operation and maintenance inspections and repairs, as necessary (for example, cover, phyto-pumping system, vertical barrier wall)
- Continue sediment removal activities for 2013
- Demobilization of the dredging and treatment equipment
- Continue compliance monitoring sampling for the 2013 sediment removal activities
- Prepare for confirmation sampling activities and mobilize and begin confirmation sampling, if required (if the 20 ppm to 50 ppm Legacy Act betterment project is NOT agreed upon)
- Submit monthly WPDES reports to WDNR for the temporary water treatment system as part of the sediment removal activities
- Complete 4th quarter water level measurements at the site
- Prepare and submit 2013 five year technical review that includes the 2013 annual barrier wall report
- Prepare for and participate in additional meetings with the agencies regarding the potential 50-20 ppm Legacy Act betterment project

List of Key Correspondence and Document Submittals

TABLE 1
Documents Submitted
Quarterly Progress Report (July to September 2013), Tyco Fire Products LP Facility, Marinette, Wisconsin

Description Of Submittal	Submitted To	Date Submitted
Email with Response to EPA Comments on the June 10, 2013 site visit	WDNR	7/10/13
Email with Response to WDNR Comments on the June 13, 2013 Hazardous Waste Variance Modification Request	WDNR	7/10/13

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TABLE 1
Documents Submitted
Quarterly Progress Report (July to September 2013), Tyco Fire Products LP Facility, Marinette, Wisconsin

Description Of Submittal	Submitted To	Date Submitted
June 2013 Temporary Water Treatment System DMR	WDNR	7/11/13
WPDES Noncompliance Report	WDNR	7/12/13
USEPA Quarterly Progress Report - 2nd Quarter 2013	EPA	7/15/13
TSS and In Situ Turbidity Correlation Memorandum	EPA	7/18/13
TSS and In Situ Turbidity Correlation Memorandum – Revision 1	EPA	7/23/13
Spring 2013 Dredged Material Treatability Study Results Technical Memorandum	WDNR	7/25/13
WPDES Noncompliance Report	WDNR	7/26/13
Email with 20 ppm Dredge Cut Figure, DMU Grid and Proposed Surface Weighted Average Assumptions and Methodologies Summary	EPA	8/9/13
WPDES Low Level Mercury Sampling Technical Memorandum and email request to discontinue low level mercury sampling	WDNR	8/13/13
July 2013 Temporary Water Treatment System DMR	WDNR	8/15/13
WPDES Noncompliance Report	WDNR	8/16/13
Hazardous Waste Modification Request for dredging in South Channel	WDNR	8/20/13
CD of bathymetric survey and other site survey information	EPA/WDNR	8/22/13
Email with Proposed Toe Area DMUs for Confirmation Sampling	EPA/WDNR	8/23/13
Confirmation Sampling QAPP Addendum 1	EPA/WDNR	8/23/13
Email with Response to Verbal Comments received August 22 on the August 20, 2013 Hazardous Waste Variance Modification Request	WDNR	8/26/13
Letter Modification Request –Storm Water/Erosion Control for changes related to dredging in the South Channel	WDNR	9/3/13
2010 Investigation Information	EPA	9/6/13
Response to August 21, 2013 Notice of Non-Compliance related to the WPDES discharge criteria	WDNR	9/13/13
August 2013 Temporary Water Treatment System DMR	WDNR	9/16/13
Email with responses to questions on Bathymetric Data for Menominee River Dredge Areas including copy of 9/11/13 Glacial Till Verification Activities Technical Memorandum	EPA	9/18/13
Glacial Till Verification Activities Technical Memorandum – Addendum 1	EPA/WDNR	9/19/13
Email concerning Proposed Legacy Act Project- Tyco's Update and Summary of its Position; Glacial Till Evaluation; and Dr. Danny Reible's Evaluation of a Residual Sand Cover for the Till	EPA	9/19/13

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TABLE 2
Correspondence from Agency
Quarterly Progress Report (July to September 2013), Tyco Fire Products LP Facility, Marinette, Wisconsin

Description of Correspondence	Received From	Date Received
Email on Hazardous waste items noted on June 20th site visit	WDNR	7/3/13
Agency Comments on Hazardous Waste Variance Modification Request	EPA	7/8/13
Email on Hazardous waste items noted on June 20th site visit	WDNR	7/3/13
Email approval to discontinue low level mercury sampling	WDNR	8/13/13
WPDES Notice of Non-Compliance	WDNR	8/21/13
Email approval on stormwater modification request	WDNR	9/5/13

Please contact me at 414-847-0386 or Larry Wilson at 561-479-9744 if you have any questions or require additional information.

Very truly yours,

CH2M HILL

Jeffrey Danko
Project Manager

Attachments

1 GWCTS Operation
2 2013 Tree Planting As-Builts
3 Monthly WPDES Discharge Monitoring Reports

c: Kristin DuFresne, WDNR
Jim Killian, WDNR
Paul Stachewicz, Tyco Fire Products LP
Scott Stacy, Tyco Fire Products LP
Larry Wilson, SimplexGrinnell, A Tyco International Company
Mariel Carter, Stephenson Public Library

Document Control No.: 473274.175

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Attachment 1

GWCTS Operation

Groundwater Collection and Treatment System Operation

SUBJECT: Groundwater Collection and Treatment System Operation for Tyco Fire Products LP, Marinette, Wisconsin

DATE: October 14, 2013

Operation of the groundwater collection and treatment system (GWCTS) occurring from July 1, 2013 through September 30, 2013 is summarized below:

- The GWCTS operated for 30 days in July, 31 days in August, and 29 days in September, for a total of 90 days.
- Approximately 256,950 gallons of reject water was produced during system operations and subsequently disposed of offsite.
- The precipitation recorded from the nearby Menominee-Marinette Twin County Airport weather station in Menominee, Wisconsin (the closest available data) was 8.39 inches. (Source was Weathersource: http://weathersource.com).
- An estimated total of 1,790,298 gallons was discharged to the Menominee River as effluent under WPDES permit.
- An estimated total of 1,866,191 gallons of groundwater was extracted from the site during the reporting period. Details of water volumes extracted from each area of the site and changes in water levels are shown in the table below.

		Total Volume Extracted (gallons)				Water Level (feet above sea level)	
Area		07/01/2013	09/30/2013	Difference (gal)		07/01/2013	09/30/2013
Wetland Area	EW-1	1,181,637	1,528,638	347,001	MW-37S	573.7	571.8
Eighth Street Slip	EW-2	612,598	753,596	140,998	MW-38S	588.3	586.2
Salt Vault Area	EW-3	145,407	165,789	20,382	MW-31S	584.8	583.9
Facility	EW-4	313,569	330,106	16,537	MW-68S	578.5	577
	EW-5	970,017	1,246,976	276,959	MW-66S	577.5	575.2
	EW-6	1,588,956	2,653,082	1,064,126	MW-43S	581.4	580.6
	EW-7	979,680	979,868	188	MW-67S	580.6	579.4
			TOTAL	1,866,191			

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Attachment 2

2013 Tree Planting As-Builts

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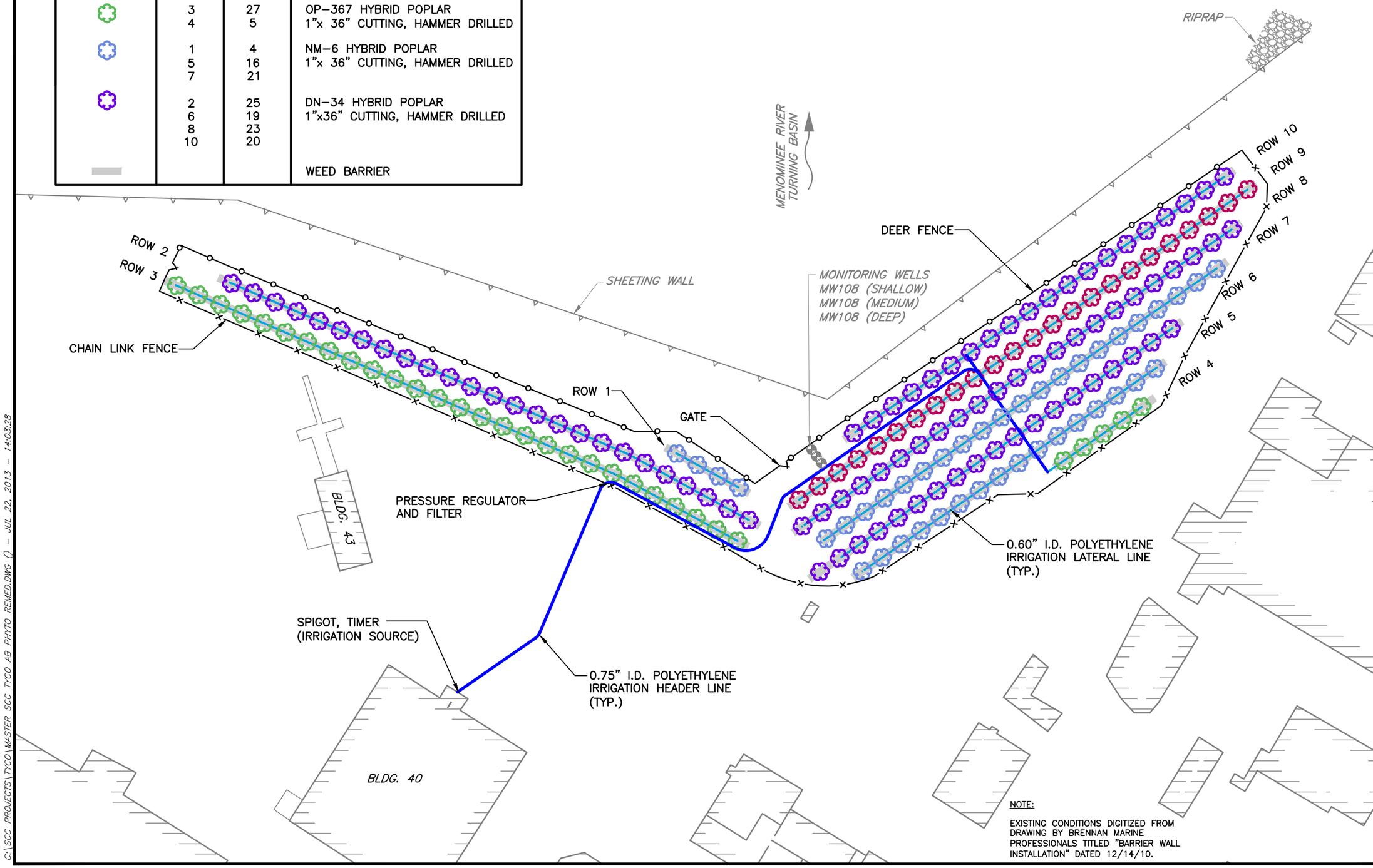
CLONAL TYPE	ROW NO.	TOTAL	PLANTING DESCRIPTION
	9	24	DN-2 HYBRID POPLAR 1"x 36" CUTTING, HAMMER DRILLED
	3 4	27 5	OP-367 HYBRID POPLAR 1"x 36" CUTTING, HAMMER DRILLED
	1 5 7	4 16 21	NM-6 HYBRID POPLAR 1"x 36" CUTTING, HAMMER DRILLED
	2 6 8 10	25 19 23 20	DN-34 HYBRID POPLAR 1"x36" CUTTING, HAMMER DRILLED
			WEED BARRIER



NOTE:

EXISTING CONDITIONS DIGITIZED FROM DRAWING BY BRENNAN MARINE PROFESSIONALS TITLED "BARRIER WALL INSTALLATION" DATED 12/14/10.

SAND CREEK CONSULTANTS, INC.
Amherst, WI
Rhinelander, WI
www.sand-creek.com

AS-BUILT PLANTING AREA AND IRRIGATION SYSTEM LAYOUT ZONE 6

0 20 40
SCALE IN FEET

TYCO FIRE SUPPRESSION PRODUCTS
ONE STANTON STREET
MARINETTE, WI 54143

DATE:	JULY 2013
SCALE:	1"=40'
DRAWN BY:	KAP
APPROVED BY:	BS

FIGURE 3

C:\SCC PROJECTS\TYCO\MASTER SCC TYCO AB PHYTO REMED.DWG () – JUL 22, 2013 – 14:03:28

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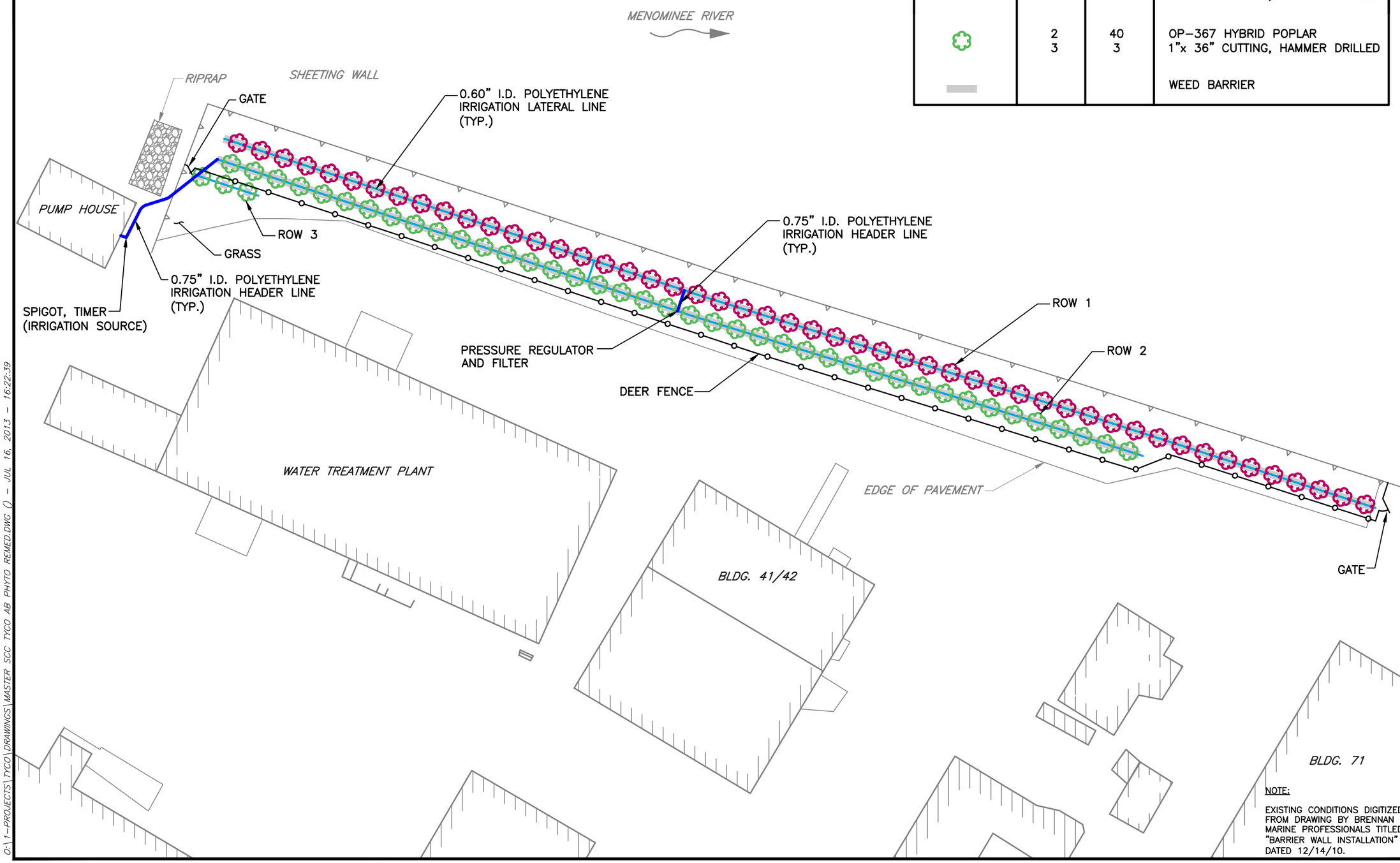
CLONAL TYPE	ROW NO.	TOTAL	PLANTING DESCRIPTION
	1	50	DN–2 HYBRID POPLAR 1"x 36" CUTTING, HAMMER DRILLED
	2 3	40 3	OP–367 HYBRID POPLAR 1"x 36" CUTTING, HAMMER DRILLED
			WEED BARRIER



NOTE:

EXISTING CONDITIONS DIGITIZED FROM DRAWING BY BRENNAN MARINE PROFESSIONALS TITLED "BARRIER WALL INSTALLATION" DATED 12/14/10.

SAND CREEK CONSULTANTS, INC.
Amherst, WI
Rhinelander, WI
www.sand-creek.com

N

AS-BUILT PLANTING AREA AND IRRIGATION SYSTEM LAYOUT ZONE 5

0 20 40
SCALE IN FEET

TYCO FIRE SUPPRESSION PRODUCTS
ONE STANTON STREET
MARINETTE, WI 54143

DATE:	JULY 2013
SCALE:	1"=40'
DRAWN BY:	KAP
APPROVED BY:	BS

FIGURE 2

O:\1-PROJECTS\TYCO\DRAWINGS\MASTER SCC TYCO AB PHYTO REMED.DWG () - JUL 16, 2013 - 16:22:39

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Attachment 3

Monthly WPDES Discharge Monitoring Reports

Wastewater Discharge Monitoring Long Report

Facility Name: TYCO FIRE PRODUCTS LP
Contact Address: One Stanton Street
Marinette, WI 54143
Facility Contact: Judith Rost, Sr Lab Tech
Phone Number: (715) 735-7411
Reporting Period: 06/01/2013 - 06/30/2013
Form Due Date: 07/15/2013
Permit Number: 0001040

For DNR Use Only

Date Received:	
DOC:	310520
FIN:	7245
FID:	438039470
Region:	Northeast Region
Permit Drafter:	Jeff W. Brauer
Reviewer:	Bruce S. Oman
Office:	Peshtigo

	Sample Point	001	703	001	001	001
	Description	PRIOR TO MENOMINEE RIVER	Intake Water Monitoring	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER
	Parameter	211	280	487	374	373
	Description	Flow Rate	Mercury, Total Recoverable	Temperature	pH (Minimum)	pH (Maximum)
	Units	MGD	ng/L	degF	su	su
	Sample Type	CONTINUOUS	GRAB	GRAB	CONTINUOUS	CONTINUOUS
	Frequency	DAILY	MONTHLY	MONTHLY	DAILY	DAILY
Sample Results	Day 1	0.11490			6.6	7.4
	2	0.06720			6.8	7.2
	3	0.21480			6.7	7.0
	4	0.20480		62	6.7	7.2
	5	0.18920		62	6.7	7.0
	6	0.14180			6.7	7.2
	7	0.04390			6.9	7.3
	8	0.00002			7.3	7.6
	9	0.06158			6.9	7.6
	10	0.18410		62	6.8	7.1
	11	0.20500		66	6.8	7.4
	12	0.19370			7.0	7.8
	13	0.11930	11		7.2	7.6
	14	0.00123			7.6	7.9
	15	0.09630			6.7	7.7
	16	0.08970			6.5	7.2
	17	0.19660			7.0	7.4
	18	0.18890	13	68	7.1	7.4
	19	0.18440			7.2	7.7
	20	0.18016			6.8	7.4
	21	0.08570			6.6	8.1
	22	0.01370			7.2	7.6
	23	0.02239		70	7.1	7.6
	24	0.18469			7.0	7.2
	25	0.18036			6.6	7.2
	26	0.17084			6.6	7.2
	27	0.21923			6.6	7.5
	28	0.07122		76	6.6	7.2
	29	0.01455			7.0	7.2
	30	0.01961			7.1	7.3
	31					

	Sample Point	001		703		001		001		001	
	Description	PRIOR TO MENOMINEE RIVER		Intake Water Monitoring		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER	
	Parameter	211		280		487		374		373	
	Description	Flow Rate		Mercury, Total Recoverable		Temperature		pH (Minimum)		pH (Maximum)	
	Units	MGD		ng/L		degF		su		su	
Summary Values	**Monthly Avg**	0.121996		12		66.571428571		6.88		7.406666667	
	Monthly Total										
	Daily Max	0.21923		13		76		7.6		8.1	
	Daily Min	2E-05		11		62		6.5		7	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**										
	Monthly Total										
	Daily Max									11	0
	Daily Min							4	0		
	Rolling 12 Month Avg										
QA/QC Information	**LOD**			0.25							
	LOQ			0.84							
	QC Exceedance	N		N		N		N		N	
	Lab Certification			721026460							

	Sample Point	001	001	001	001	001
	Description	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER
	Parameter	379	376	388	231	35
	Description	pH Total Exceedance Time Minutes	pH Exceedances Greater Than 60 Minutes	Phosphorus, Total	Hardness, Total as CaCO3	Arsenic, Total Recoverable
	Units	minutes	Number	mg/L	mg/L	ug/L
	Sample Type	CONTINUOUS	CONTINUOUS	24 HR COMP	24 HR COMP	24 HR COMP
	Frequency	DAILY	DAILY	WEEKLY	MONTHLY	MONTHLY
Sample Results	Day 1					
	2					
	3					
	4			1.050	181.37	356.7
	5					
	6					
	7					
	8					
	9					
	10			0.465	214.51	318.7
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19			0.698	185.41	273.8
	20					
	21					
	22					
	23					
	24			0.399	146.27	189.9
	25					
	26					
	27					
	28					
	29					
	30					
	31					

	Sample Point	001		001		001		001		001	
	Description	PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER	
	Parameter	379		376		388		231		35	
	Description	pH Total Exceedance Time Minutes		pH Exceedances Greater Than 60 Minutes		Phosphorus, Total		Hardness, Total as CaCO3		Arsenic, Total Recoverable	
	Units	minutes		Number		mg/L		mg/L		ug/L	
Summary Values	**Monthly Avg**					0.653		181.89		284.775	
	Monthly Total										
	Daily Max					1.05		214.51		356.7	
	Daily Min					0.399		146.27		189.9	
	Rolling 12 Month Avg					0.2					
Limit(s) in Effect	**Monthly Avg**										
	Monthly Total	446	0								
	Daily Max			0	0					680	0
	Daily Min										
	Rolling 12 Month Avg					1	0				
QA/QC Information	**LOD**					0.013				1.5	
	LOQ					0.043				5.1	
	QC Exceedance	N		N		N		N		N	
	Lab Certification					438039470		438039470		438039470	

	Sample Point	001	001	001	001	001
	Description	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER
	Parameter	35	147	147	87	152
	Description	Arsenic, Total Recoverable	Copper, Total Recoverable	Copper, Total Recoverable	Cadmium, Total Recoverable	Cyanide, Amenable
	Units	lbs/day	ug/L	lbs/day	ug/L	ug/L
	Sample Type	CALCULATED	24 HR COMP	24 HR COMP	24 HR COMP	24 HR COMP
	Frequency	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY
Sample Results	Day 1					
	2					
	3					
	4	0.6100	27.7	0.0474	0.7	
	5					<5.0
	6					
	7					
	8					
	9					
	10	0.4908	<6.8	<0.0105	0.9	
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19	0.4217	32.1	0.0494	0.7	
	20					
	21					
	22					
	23					
	24	0.2924	8.2	0.0126	0.7	
	25					
	26					
	27					
	28					
	29					
	30					
	31					

	Sample Point	001		001		001		001		001	
	Description	PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER	
	Parameter	35		147		147		87		152	
	Description	Arsenic, Total Recoverable		Copper, Total Recoverable		Copper, Total Recoverable		Cadmium, Total Recoverable		Cyanide, Amenable	
	Units	lbs/day		ug/L		lbs/day		ug/L		ug/L	
Summary Values	**Monthly Avg**	0.453725		17		0.02735		0.75		0	
	Monthly Total										
	Daily Max	0.61		32.1		0.0494		0.9		<5	
	Daily Min	0.2924		<6.8		<0.0105		0.7		<5	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**										
	Monthly Total										
	Daily Max	12	0	69	0	0.98	0				
	Daily Min										
	Rolling 12 Month Avg										
QA/QC Information	**LOD**			6.8				0.2		5	
	LOQ			22.7				0.7		15	
	QC Exceedance	N		N		N		N		N	
	Lab Certification			438039470				438039470		721026460	

	Sample Point	001	001	101	101	101
	Description	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	112	280	211	457	342
	Description	Chlorine, Total Residual	Mercury, Total Recoverable	Flow Rate	Suspended Solids, Total	Oil & Grease (Freon)
	Units	ug/L	ng/L	MGD	mg/L	mg/L
	Sample Type	GRAB	GRAB	CONTINUOUS	24 HR COMP	GRAB
	Frequency	MONTHLY	MONTHLY	DAILY	DAILY	2/WEEK
Sample Results	Day 1					
	2					
	3			0.0350	13.2	<1.3
	4			0.0320	9.6	<1.3
	5			0.0350	16.8	
	6			0.0361	8.8	
	7			0.0240	3.6	
	8					
	9					
	10	<30		0.0540	7.6	
	11			0.0615	6.4	<1.3
	12			0.0473	2.4	<1.3
	13		1.3	0.0560	4.4	
	14			0.0039	10.4	
	15			0.0100	9.6	
	16					
	17			0.0863	16.0	<1.3
	18		18	0.0639	14.0	9.2
	19			0.0656	4.4	
	20			0.0438	6.8	
	21			0.0159	7.2	
	22					
	23					
	24			0.0393	6.4	<1.3
	25			0.0724	4.0	<1.3
	26			0.0502	4.0	
	27		2.9	0.0195	7.6	
	28			0.0040	10.0	
	29					
	30					
	31					

	Sample Point	001	001	101	101	101
	Description	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	112	280	211	457	342
	Description	Chlorine, Total Residual	Mercury, Total Recoverable	Flow Rate	Suspended Solids, Total	Oil & Grease (Freon)
	Units	ug/L	ng/L	MGD	mg/L	mg/L
Summary Values	**Monthly Avg**	0	7.4	0.040747619	8.247619048	1.15
	Monthly Total					
	Daily Max	<30	18	0.0863	16.8	9.2
	Daily Min	<30	1.3	0.0039	2.4	<1.3
	Rolling 12 Month Avg					
Limit(s) in Effect	**Monthly Avg**				31 0	26 0
	Monthly Total					
	Daily Max				60 0	52 0
	Daily Min					
	Rolling 12 Month Avg					
QA/QC Information	**LOD**	30	0.25			1.3
	LOQ	100	0.84			4.2
	QC Exceedance	N	N	N	N	N
	Lab Certification		721026460		438039470	721026460

	Sample Point	101	101	101	101	101
	Description	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	87	133	315	553	155
	Description	Cadmium, Total Recoverable	Chromium, Total Recoverable	Nickel, Total Recoverable	Zinc, Total Recoverable	Cyanide, Total
	Units	ug/L	ug/L	ug/L	ug/L	ug/L
	Sample Type	24 HR COMP	24 HR COMP	24 HR COMP	24 HR COMP	GRAB
	Frequency	2/WEEK	MONTHLY	2/WEEK	2/WEEK	MONTHLY
Sample Results	**Day 1**					
	2					
	3	1.1	12.9	148.8	1953	
	4	0.4		88.3	1248	
	5					13
	6					
	7					
	8					
	9					
	10	0.6		<28.8	95.5	
	11	0.4	<1.2	<28.8	71.7	
	12					
	13					
	14					
	15					
	16					
	17	0.4		<28.8	32.7	
	18	0.6		<28.8	75.4	
	19					
	20					
	21					
	22					
	23					
	24	1.1		<28.8	67.6	
	25					
	26	0.8		<28.8	57.8	
	27					
	28					
	29					
	30					
	31					

	Sample Point	101		101		101		101		101	
	Description	Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent	
	Parameter	87		133		315		553		155	
	Description	Cadmium, Total Recoverable		Chromium, Total Recoverable		Nickel, Total Recoverable		Zinc, Total Recoverable		Cyanide, Total	
	Units	ug/L		ug/L		ug/L		ug/L		ug/L	
Summary Values	**Monthly Avg**	0.675		6.45		29.6375		450.2125		13	
	Monthly Total										
	Daily Max	1.1		12.9		148.8		1953		13	
	Daily Min	0.4		<1.2		<28.8		32.7		13	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**	260	0	1710	0	2380	0	1480	0	650	0
	Monthly Total										
	Daily Max	690	0	2770	0	3980	0	2610	0	1200	0
	Daily Min										
	Rolling 12 Month Avg										
QA/QC Information	**LOD**	0.2		1.2		28.8		3.8		5	
	LOQ	0.7		3.9		95.9		12.7		15	
	QC Exceedance	N		N		N		N		N	
	Lab Certification	438039470		438039470		438039470		438039470		721026460	

	Sample Point	101	101	101	101	101
	Description	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	147	264	430	374	373
	Description	Copper, Total Recoverable	Lead, Total Recoverable	Silver, Total Recoverable	pH (Minimum)	pH (Maximum)
	Units	ug/L	ug/L	ug/L	su	su
	Sample Type	24 HR COMP	24 HR COMP	24 HR COMP	CONTINUOUS	CONTINUOUS
	Frequency	2/WEEK	MONTHLY	MONTHLY	DAILY	DAILY
Sample Results	Day 1					
	2					
	3	35.5	<1.3	<1.9	6.8	8.6
	4	31.2			7.1	7.7
	5				7.4	8.0
	6				7.0	8.1
	7				7.4	8.1
	8					
	9					
	10	11.1			6.8	8.6
	11	<6.8	12.3	<1.9	7.0	7.5
	12				6.9	7.6
	13				7.0	7.6
	14				7.1	7.5
	15				7.1	8.0
	16					
	17	12.3			7.0	7.8
	18	18.7			7.1	7.8
	19				7.2	7.8
	20				7.3	7.8
	21				7.3	7.5
	22					
	23					
	24	29.8			7.7	7.9
	25				7.3	8.0
	26	17.6			7.2	7.8
	27				6.8	7.7
	28				6.2	7.5
	29					
	30					
	31					

	Sample Point	101		101		101		101		101	
	Description	Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent	
	Parameter	147		264		430		374		373	
	Description	Copper, Total Recoverable		Lead, Total Recoverable		Silver, Total Recoverable		pH (Minimum)		pH (Maximum)	
	Units	ug/L		ug/L		ug/L		su		su	
Summary Values	**Monthly Avg**	19.525		6.15		0		7.080952381		7.852380952	
	Monthly Total										
	Daily Max	35.5		12.3		<1.9		7.7		8.6	
	Daily Min	<6.8		<1.3		<1.9		6.2		7.5	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**	2070	0	430	0	240	0				
	Monthly Total										
	Daily Max	3380	0	690	0	430	0			11	0
	Daily Min							4	0		
	Rolling 12 Month Avg										
QA/QC Information	**LOD**	6.8		1.3		1.9					
	LOQ	22.7		4.2		6.5					
	QC Exceedance	N		N		N		N		N	
	Lab Certification	438039470		438039470		438039470					

	Sample Point	101	101	101	101	101
	Description	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	379	376	507	40	490
	Description	pH Total Exceedance Time Minutes	pH Exceedances Greater Than 60 Minutes	Total Toxic Organics	Benzene	Tetrachloroethylene
	Units	minutes	Number	ug/L	ug/L	ug/L
	Sample Type	CALCULATED	CALCULATED	24 HR COMP	24 HR COMP	24 HR COMP
	Frequency	DAILY	DAILY	MONTHLY	MONTHLY	MONTHLY
Sample Results	**Day 1**					
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					

	Sample Point	101		101		101		101		101	
	Description	Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent	
	Parameter	379		376		507		40		490	
	Description	pH Total Exceedance Time Minutes		pH Exceedances Greater Than 60 Minutes		Total Toxic Organics		Benzene		Tetrachloroethylene	
	Units	minutes		Number		ug/L		ug/L		ug/L	
Summary Values	**Monthly Avg**										
	Monthly Total										
	Daily Max										
	Daily Min										
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**										
	Monthly Total	446	0	0	0						
	Daily Max					2130					
	Daily Min										
	Rolling 12 Month Avg										
QA/QC Information	**LOD**										
	LOQ										
	QC Exceedance	N		N		N		N		N	
	Lab Certification										

	Sample Point	101	101	101	101	101
	Description	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	500	561	200	508	285
	Description	Toluene	1,1,1-Trichloro- ethane	Ethylbenzene	Trichloro- ethylene	Methylene chloride
	Units	ug/L	ug/L	ug/L	ug/L	ug/L
	Sample Type	24 HR COMP	24 HR COMP	24 HR COMP	24 HR COMP	24 HR COMP
	Frequency	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY
Sample Results	**Day 1**					
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					

	Sample Point	101	101	101	101	101
	Description	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	500	561	200	508	285
	Description	Toluene	1,1,1-Trichloro- ethane	Ethylbenzene	Trichloro- ethylene	Methylene chloride
	Units	ug/L	ug/L	ug/L	ug/L	ug/L
Summary Values	**Monthly Avg**					
	Monthly Total					
	Daily Max					
	Daily Min					
	Rolling 12 Month Avg					
Limit(s) in Effect	**Monthly Avg**					
	Monthly Total					
	Daily Max					
	Daily Min					
	Rolling 12 Month Avg					
QA/QC Information	**LOD**					
	LOQ					
	QC Exceedance					
	Lab Certification					

	Sample Point	101	106	106	106	107
	Description	Metal Finishing Effluent	Future remedial action ww	Future remedial action ww	Future remedial action ww	Mercury Field Blank Results
	Parameter	167	211	35	457	280
	Description	Di-n-butyl phthalate (dibutyl phthalate)	Flow Rate	Arsenic, Total Recoverable	Suspended Solids, Total	Mercury, Total Recoverable
	Units	ug/L	gpd	ug/L	mg/L	ng/L
	Sample Type	24 HR COMP	CONTINUOUS	24 HR COMP	24 HR COMP	GRAB
	Frequency	MONTHLY	DAILY	WEEKLY	WEEKLY	MONTHLY
Sample Results	Day 1					
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					<0.25
	14					
	15					
	16					
	17					
	18					<0.25
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					0.28
	28					
	29					
	30					
	31					

	Sample Point	101	106	106	106	107
	Description	Metal Finishing Effluent	Future remedial action ww	Future remedial action ww	Future remedial action ww	Mercury Field Blank Results
	Parameter	167	211	35	457	280
	Description	Di-n-butyl phthalate (dibutyl phthalate)	Flow Rate	Arsenic, Total Recoverable	Suspended Solids, Total	Mercury, Total Recoverable
	Units	ug/L	gpd	ug/L	mg/L	ng/L
Summary Values	**Monthly Avg**					0.093333333
	Monthly Total					
	Daily Max					0.28
	Daily Min					<0.25
	Rolling 12 Month Avg					
Limit(s) in Effect	**Monthly Avg**					
	Monthly Total					
	Daily Max					
	Daily Min					
	Rolling 12 Month Avg					
QA/QC Information	**LOD**					0.25
	LOQ					0.84
	QC Exceedance	N	N	N	N	N
	Lab Certification					721026460

	Sample Point	003	003	003	003	003
	Description	Future remedial action dischg	Future remedial action dischg	Future remedial action dischg	Future remedial action dischg	Future remedial action dischg
	Parameter	211	457	35	374	373
	Description	Flow Rate	Suspended Solids, Total	Arsenic, Total Recoverable	pH (Minimum)	pH (Maximum)
	Units	MGD	mg/L	ug/L	su	su
	Sample Type	CONTINUOUS	24 HR COMP	24 HR COMP	CONTINUOUS	CONTINUOUS
	Frequency	DAILY	WEEKLY	WEEKLY	DAILY	DAILY
Sample Results	**Day 1**	0.018634			6.9	7.3
	2	0.019840			6.6	7.4
	3	0.030508			7.0	7.2
	4	0.028444			6.9	7.1
	5	0.023767	<1.0	182.7	6.9	7.1
	6	0.017664			6.6	7.0
	7	0.027228			6.5	7.0
	8	0.016943			6.6	7.4
	9	0.021730			6.9	7.4
	10	0.025585			6.9	7.6
	11	0.023280			7.5	8.6
	12	0.032770			7.2	7.8
	13	0.028757	1.4	135.7	6.7	7.0
	14	0.025637			6.8	7.7
	15	0.011606			7.1	7.3
	16	0.020204			6.8	7.4
	17	0.024720			6.9	8.1
	18	0.021521			7.0	9.0
	19	0.023657			6.1	8.1
	20	0.013865	<1.0	150.6	7.1	7.7
	21	0.022046			6.5	7.5
	22	0.006387			6.9	7.8
	23	0.022100			7.0	9.0
	24	0.019560			7.2	8.7
	25	0.017846			7.3	7.7
	26	0.026203			6.8	8.8
	27	0.019491	<1.0	182.8	6.2	7.5
	28	0.027100			6.3	7.1
	29	0.017476			6.8	7.1
	30	0.027619			7.0	7.2
	31					

	Sample Point	003		003		003		003		003	
	Description	Future remedial action dischg		Future remedial action dischg		Future remedial action dischg		Future remedial action dischg		Future remedial action dischg	
	Parameter	211		457		35		374		373	
	Description	Flow Rate		Suspended Solids, Total		Arsenic, Total Recoverable		pH (Minimum)		pH (Maximum)	
	Units	MGD		mg/L		ug/L		su		su	
Summary Values	**Monthly Avg**	0.022072933		0.35		162.95		6.833333333		7.653333333	
	Monthly Total										
	Daily Max	0.03277		1.4		182.8		7.5		9	
	Daily Min	0.006387		<1		135.7		6.1		7	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**										
	Monthly Total										
	Daily Max					680	0			11	0
	Daily Min							4	0		
	Rolling 12 Month Avg										
QA/QC Information	**LOD**					1.5					
	LOQ					5.1					
	QC Exceedance	N		N		N		N		N	
	Lab Certification			438039470		438039470					

	Sample Point	003	003
	Description	Future remedial action dischg	Future remedial action dischg
	Parameter	379	376
	Description	pH Total Exceedance Time Minutes	pH Exceedances Greater Than 60 Minutes
	Units	minutes	Number
	Sample Type	CONTINUOUS	CONTINUOUS
	Frequency	DAILY	DAILY
Sample Results	**Day 1**		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
	11		
	12		
	13		
	14		
	15		
	16		
	17		
	18		
	19		
	20		
	21		
	22		
	23		
	24		
	25		
	26		
	27		
	28		
	29		
	30		
	31		

	Sample Point	003		003	
	Description	Future remedial action dischg		Future remedial action dischg	
	Parameter	379		376	
	Description	pH Total Exceedance Time Minutes		pH Exceedances Greater Than 60 Minutes	
	Units	minutes		Number	
Summary Values	**Monthly Avg**				
	Monthly Total				
	Daily Max				
	Daily Min				
	Rolling 12 Month Avg				
Limit(s) in Effect	**Monthly Avg**				
	Monthly Total	446	0		
	Daily Max			0	0
	Daily Min				
	Rolling 12 Month Avg				
QA/QC Information	**LOD**				
	LOQ				
	QC Exceedance	N		N	
	Lab Certification				

Footnotes (DNR Use Only; Instructions for completing this form that are unique for your facility may be displayed here.)

General Remarks

Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to the Department of Natural Resources.

Cyanide, amenable (Parameter 152), at OF001 is a grab sample per WDNR requirements.

SP703 sample dated 6/27/13 was received broken at contract laboratory.

Beginning 6/6/13 discharge from OF101 was from new B14 WWTP as approved by WDNR.

Laboratory Quality Control Comments

Validation - Success - 09:41:42

No errors found. Warning messages do not prevent successful validation or submittal of form

Print Close

Rost, Judy

From: WTeReports@DNR.state.wi.us
Sent: Friday, July 12, 2013 9:51 AM
To: Rost, Judy
Subject: Finalize submission of the TYCO FIRE PRODUCTS LP June, 2013 Wastewater Discharge Monitoring Long Report

Thank you Judith for your submission of the TYCO FIRE PRODUCTS LP June, 2013 Wastewater Discharge Monitoring Long Report.

To complete the process enter the following certification code on the Certify Web Page.
Certification Code : etzeliquer

This code must be entered before leaving the Certify Web Page. If the page is exited before entering this code, you must get another Certification Code. This code will be sent once you enter the Certify Web Page.

DNR Form code for the June, 2013 Wastewater Discharge Monitoring Long Report is: 42F5C1A3135D8A3F0126B5DC4DE40147 (This number should NOT be used as a certification code, it is for internal DNR Form verification.)

Questions or problems please contact the appropriate person on the following web page:
http://dnr.wi.gov/topic/wastewater/eReporting.html

eReport Certify - TYCO FIRE PRODUCTS LP - 327321

Facility Name
TYCO FIRE PRODUCTS LP
Form Type
Wastewater Discharge Monitoring Long Report
DOC ID
310520
Reporting Period
6/1/2013 to 6/30/2013
Enter Certification Code

etzeliquer

E-Mail was sent to
jrost@tycoint.com

Certify

Return To List

Without leaving THIS page, check E-Mail address for message containing Certification code. Enter code and click 'Certify' button to complete Submittal.
Submittal of this form is required by section 283.55, Wis. Stats., and chapters NR 205 and NR 214 or NR 204, Wis. Admin. Code.

Personally identifiable information collected on this form may be used for purposes other than that for which it was originally collected. Under Wisconsin's open records laws, DNR is required to provide all non-confidential information to any person who requests it. Such information may be provided to the public in written or electronic form. Information reported may be made available to the public via a DNR web page.

I certify under penalty of law that this form submitted to DNR on 7/12/2013 for the period 6/1/2013 to 6/30/2013 and identified by the DOC ID number listed above was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

The Official Internet site for the Wisconsin Department of Natural Resources

101 S. Webster Street . PO Box 7921 . Madison, Wisconsin 53707-7921 . 608.266.2621

Questions or comments about this e-form : Contact Us

eReport Certify - TYCO FIRE PRODUCTS LP - 327321

Facility Name
TYCO FIRE PRODUCTS LP
Form Type
Wastewater Discharge Monitoring Long Report
DOC ID
310520
Reporting Period
6/1/2013 to 6/30/2013
Enter Certification Code
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E-Mail was sent to
jrost@tycoint.com
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Questions or comments about this e-form : Contact Us

Wastewater Discharge Monitoring Long Report

Facility Name: TYCO FIRE PRODUCTS LP
Contact Address: One Stanton Street
Marinette, WI 54143
Facility Contact: Judith Rost, Sr Lab Tech
Phone Number: (715) 735-7411
Reporting Period: 07/01/2013 - 07/31/2013
Form Due Date: 08/15/2013
Permit Number: 0001040

For DNR Use Only

Date Received:	
DOC:	314213
FIN:	7245
FID:	438039470
Region:	Northeast Region
Permit Drafter:	Jeff W. Brauer
Reviewer:	Bruce S. Oman
Office:	Peshtigo

	Sample Point	001	703	001	001	001
	Description	PRIOR TO MENOMINEE RIVER	Intake Water Monitoring	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER
	Parameter	211	280	487	374	373
	Description	Flow Rate	Mercury, Total Recoverable	Temperature	pH (Minimum)	pH (Maximum)
	Units	MGD	ng/L	degF	su	su
	Sample Type	CONTINUOUS	GRAB	GRAB	CONTINUOUS	CONTINUOUS
	Frequency	DAILY	MONTHLY	MONTHLY	DAILY	DAILY
Sample Results	**Day 1**	0.15910			6.5	7.1
	2	0.13572			6.9	7.2
	3	0.07223			6.9	7.2
	4				7.0	7.3
	5	0.00046	18		7.3	7.4
	6	0.00010			7.2	7.4
	7	0.21414			6.0	7.3
	8	0.17965		72	6.2	7.6
	9	0.29807			6.2	9.2
	10	0.20417			6.4	6.8
	11	0.21543			6.7	6.7
	12	0.13440	16	72	6.6	6.9
	13	0.06021			6.7	6.9
	14	0.10559			6.8	6.9
	15	0.19431			7.4	7.4
	16	0.22563			6.8	7.1
	17	0.21171	7.8	72	6.8	7.2
	18	0.22066			6.8	7.6
	19	0.08384			6.3	7.2
	20	0.00092			6.9	7.3
	21	0.07467			6.7	7.4
	22	0.22677			6.6	6.9
	23	0.22584			6.6	6.9
	24	0.18262	4.8	76	6.7	7.1
	25	0.17779			6.8	7.5
	26	0.32383		80	6.3	7.2
	27	0.00623			6.7	7.1
	28	0.12070			6.4	7.1
	29	0.23417		68	6.5	6.8
	30	0.00759			6.6	7.8
	31	0.23662			6.7	7.4

	Sample Point	001		703		001		001		001	
	Description	PRIOR TO MENOMINEE RIVER		Intake Water Monitoring		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER	
	Parameter	211		280		487		374		373	
	Description	Flow Rate		Mercury, Total Recoverable		Temperature		pH (Minimum)		pH (Maximum)	
	Units	MGD		ng/L		degF		su		su	
Summary Values	**Monthly Avg**	0.151105667		11.65		73.333333333		6.677419355		7.25483871	
	Monthly Total										
	Daily Max	0.32383		18		80		7.4		9.2	
	Daily Min	0.0001		4.8		68		6		6.7	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**										
	Monthly Total										
	Daily Max									11	0
	Daily Min							4	0		
	Rolling 12 Month Avg										
QA/QC Information	**LOD**			0.25							
	LOQ			0.84							
	QC Exceedance	N		Y		N		N		N	
	Lab Certification			721026460							

	Sample Point	001	001	001	001	001
	Description	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER
	Parameter	379	376	388	231	35
	Description	pH Total Exceedance Time Minutes	pH Exceedances Greater Than 60 Minutes	Phosphorus, Total	Hardness, Total as CaCO3	Arsenic, Total Recoverable
	Units	minutes	Number	mg/L	mg/L	ug/L
	Sample Type	CONTINUOUS	CONTINUOUS	24 HR COMP	24 HR COMP	24 HR COMP
	Frequency	DAILY	DAILY	WEEKLY	MONTHLY	MONTHLY
Sample Results	Day 1			0.255	166.36	119.8
	2					
	3					
	4					
	5					
	6					
	7					
	8			0.284	150.29	164.4
	9	5	0			
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17			0.160	157.15	66.4
	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25			0.177	134.40	37.2
	26					
	27					
	28					
	29					
	30					
	31					

	Sample Point	001		001		001		001		001	
	Description	PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER	
	Parameter	379		376		388		231		35	
	Description	pH Total Exceedance Time Minutes		pH Exceedances Greater Than 60 Minutes		Phosphorus, Total		Hardness, Total as CaCO3		Arsenic, Total Recoverable	
	Units	minutes		Number		mg/L		mg/L		ug/L	
Summary Values	**Monthly Avg**	5		0		0.219		152.05		96.95	
	Monthly Total	5									
	Daily Max	5		0		0.284		166.36		164.4	
	Daily Min	5		0		0.16		134.4		37.2	
	Rolling 12 Month Avg					0.3					
Limit(s) in Effect	**Monthly Avg**										
	Monthly Total	446	0								
	Daily Max			0	0					680	0
	Daily Min										
	Rolling 12 Month Avg					1	0				
QA/QC Information	**LOD**					0.013				1.5	
	LOQ					0.043				5.1	
	QC Exceedance	N		N		N		N		N	
	Lab Certification					438039470		438039470		438039470	

	Sample Point	001	001	001	001	001
	Description	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER
	Parameter	35	147	147	87	152
	Description	Arsenic, Total Recoverable	Copper, Total Recoverable	Copper, Total Recoverable	Cadmium, Total Recoverable	Cyanide, Amenable
	Units	lbs/day	ug/L	lbs/day	ug/L	ug/L
	Sample Type	CALCULATED	24 HR COMP	24 HR COMP	24 HR COMP	24 HR COMP
	Frequency	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY
Sample Results	**Day 1**	0.1593	<6.8	<0.0090	0.2	
	2					
	3					
	4					
	5					
	6					
	7					
	8	0.2466	<6.8	<0.0102	<0.2	
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16		<6.8	<0.0128	0.2	10
	17	0.1175				
	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25	0.0551	24.2	0.0358	0.2	
	26					
	27					
	28					
	29					
	30					
	31					

	Sample Point	001		001		001		001		001	
	Description	PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER	
	Parameter	35		147		147		87		152	
	Description	Arsenic, Total Recoverable		Copper, Total Recoverable		Copper, Total Recoverable		Cadmium, Total Recoverable		Cyanide, Amenable	
	Units	lbs/day		ug/L		lbs/day		ug/L		ug/L	
Summary Values	**Monthly Avg**	0.144625		6.05		0.00895		0.15		10	
	Monthly Total										
	Daily Max	0.2466		24.2		0.0358		0.2		10	
	Daily Min	0.0551		<6.8		<0.009		<0.2		10	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**										
	Monthly Total										
	Daily Max	12	0	69	0	0.98	0				
	Daily Min										
	Rolling 12 Month Avg										
QA/QC Information	**LOD**			6.8				0.2		5	
	LOQ			22.7				0.7		15	
	QC Exceedance	N		N		N		N		N	
	Lab Certification			438039470				438039470		721026460	

	Sample Point	001	001	101	101	101
	Description	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	112	280	211	457	342
	Description	Chlorine, Total Residual	Mercury, Total Recoverable	Flow Rate	Suspended Solids, Total	Oil & Grease (Freon)
	Units	ug/L	ng/L	MGD	mg/L	mg/L
	Sample Type	GRAB	GRAB	CONTINUOUS	24 HR COMP	GRAB
	Frequency	MONTHLY	MONTHLY	DAILY	DAILY	2/WEEK
Sample Results	Day 1			0.01370	8.4	<1.3
	2			0.00435	4.4	
	3			0.00460	4.0	1.8
	4					
	5		4.6			
	6					
	7					
	8			0.00508	6.4	<1.3
	9			0.00470	4.0	
	10			0.00460	4.0	
	11			0.00469	8.0	<1.3
	12		4.5	0.00600	4.8	
	13					
	14					
	15			0.02640	4.8	<1.3
	16			0.00500	4.0	<1.3
	17		1.4	0.00500	4.8	
	18			0.01500	2.8	
	19			0.00498	2.5	
	20					
	21					
	22			0.00479	2.5	<1.3
	23			0.00411	3.3	<1.3
	24		0.93	0.00455	2.5	
	25			0.00455	2.4	
	26	<30		0.00550	2.6	
	27			0.00110	3.2	
	28					
	29			0.00450	2.9	
	30			0.01474	4.8	
	31			0.03331	15.7	

	Sample Point	001		001		101		101		101	
	Description	PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent	
	Parameter	112		280		211		457		342	
	Description	Chlorine, Total Residual		Mercury, Total Recoverable		Flow Rate		Suspended Solids, Total		Oil & Grease (Freon)	
	Units	ug/L		ng/L		MGD		mg/L		mg/L	
Summary Values	**Monthly Avg**	0		2.8575		0.008238636		4.672727273		0.225	
	Monthly Total										
	Daily Max	<30		4.6		0.03331		15.7		1.8	
	Daily Min	<30		0.93		0.0011		2.4		<1.3	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**							31	0	26	0
	Monthly Total										
	Daily Max							60	0	52	0
	Daily Min										
	Rolling 12 Month Avg										
QA/QC Information	**LOD**	30		0.25						1.3	
	LOQ	100		0.84						4.2	
	QC Exceedance	N		Y		N		N		N	
	Lab Certification			721026460				438039470		721026460	

	Sample Point	101	101	101	101	101
	Description	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	87	133	315	553	155
	Description	Cadmium, Total Recoverable	Chromium, Total Recoverable	Nickel, Total Recoverable	Zinc, Total Recoverable	Cyanide, Total
	Units	ug/L	ug/L	ug/L	ug/L	ug/L
	Sample Type	24 HR COMP	24 HR COMP	24 HR COMP	24 HR COMP	GRAB
	Frequency	2/WEEK	MONTHLY	2/WEEK	2/WEEK	MONTHLY
Sample Results	Day 1	0.6		<28.8	100.9	
	2	0.3	1.7	<28.8	84.6	
	3					
	4					
	5					
	6					
	7					
	8	<0.2		<28.8	24.6	
	9					
	10	<0.2		<28.8	<3.8	
	11					
	12					
	13					
	14					
	15	0.2		<28.8	35.6	11
	16	0.3		<28.8	19.9	
	17					
	18					
	19					
	20					
	21					
	22	<0.2		<28.8	20.6	
	23	<0.2		<28.8	23.7	
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					

	Sample Point	101		101		101		101		101	
	Description	Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent	
	Parameter	87		133		315		553		155	
	Description	Cadmium, Total Recoverable		Chromium, Total Recoverable		Nickel, Total Recoverable		Zinc, Total Recoverable		Cyanide, Total	
	Units	ug/L		ug/L		ug/L		ug/L		ug/L	
Summary Values	**Monthly Avg**	0.175		1.7		0		38.7375		11	
	Monthly Total										
	Daily Max	0.6		1.7		<28.8		100.9		11	
	Daily Min	<0.2		1.7		<28.8		<3.8		11	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**	260	0	1710	0	2380	0	1480	0	650	0
	Monthly Total										
	Daily Max	690	0	2770	0	3980	0	2610	0	1200	0
	Daily Min										
	Rolling 12 Month Avg										
QA/QC Information	**LOD**	0.2		1.2		28.8		3.8		5	
	LOQ	0.7		3.9		95.9		12.7		15	
	QC Exceedance	N		N		N		N		N	
	Lab Certification	438039470		438039470		438039470		438039470		721026460	

	Sample Point	101	101	101	101	101
	Description	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	147	264	430	374	373
	Description	Copper, Total Recoverable	Lead, Total Recoverable	Silver, Total Recoverable	pH (Minimum)	pH (Maximum)
	Units	ug/L	ug/L	ug/L	su	su
	Sample Type	24 HR COMP	24 HR COMP	24 HR COMP	CONTINUOUS	CONTINUOUS
	Frequency	2/WEEK	MONTHLY	MONTHLY	DAILY	DAILY
Sample Results	Day 1	34.4			7.0	7.8
	2	26.0	11.8	2.0	7.1	7.4
	3				7.0	7.3
	4					
	5					
	6					
	7					
	8	<6.8			7.4	7.8
	9				7.1	7.6
	10	<6.8			7.2	7.7
	11				7.1	7.8
	12				6.8	7.4
	13					
	14					
	15	10.7			7.0	7.8
	16	<6.8			6.8	7.4
	17				6.8	8.0
	18				7.2	7.7
	19				6.9	7.7
	20					
	21					
	22	21.7			7.1	8.0
	23	25.3			6.8	7.9
	24				7.2	8.0
	25				7.0	7.9
	26				6.6	7.9
	27				7.0	7.9
	28					
	29				7.0	8.8
	30				6.8	7.9
	31				6.8	7.9

	Sample Point	101		101		101		101		101	
	Description	Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent	
	Parameter	147		264		430		374		373	
	Description	Copper, Total Recoverable		Lead, Total Recoverable		Silver, Total Recoverable		pH (Minimum)		pH (Maximum)	
	Units	ug/L		ug/L		ug/L		su		su	
Summary Values	**Monthly Avg**	14.7625		11.8		2		6.986363636		7.8	
	Monthly Total										
	Daily Max	34.4		11.8		2		7.4		8.8	
	Daily Min	<6.8		11.8		2		6.6		7.3	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**	2070	0	430	0	240	0				
	Monthly Total										
	Daily Max	3380	0	690	0	430	0			11	0
	Daily Min							4	0		
	Rolling 12 Month Avg										
QA/QC Information	**LOD**	6.8		1.3		1.9					
	LOQ	22.7		4.2		6.5					
	QC Exceedance	N		N		N		N		N	
	Lab Certification	438039470		438039470		438039470					

	Sample Point	101	101	101	101	101
	Description	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	379	376	507	40	490
	Description	pH Total Exceedance Time Minutes	pH Exceedances Greater Than 60 Minutes	Total Toxic Organics	Benzene	Tetrachloroethylene
	Units	minutes	Number	ug/L	ug/L	ug/L
	Sample Type	CALCULATED	CALCULATED	24 HR COMP	24 HR COMP	24 HR COMP
	Frequency	DAILY	DAILY	MONTHLY	MONTHLY	MONTHLY
Sample Results	**Day 1**					
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					

	Sample Point	101		101		101		101		101	
	Description	Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent	
	Parameter	379		376		507		40		490	
	Description	pH Total Exceedance Time Minutes		pH Exceedances Greater Than 60 Minutes		Total Toxic Organics		Benzene		Tetrachloroethylene	
	Units	minutes		Number		ug/L		ug/L		ug/L	
Summary Values	**Monthly Avg**										
	Monthly Total										
	Daily Max										
	Daily Min										
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**										
	Monthly Total	446	0	0	0						
	Daily Max					2130					
	Daily Min										
	Rolling 12 Month Avg										
QA/QC Information	**LOD**										
	LOQ										
	QC Exceedance	N		N		N		N		N	
	Lab Certification										

	Sample Point	101	101	101	101	101
	Description	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	500	561	200	508	285
	Description	Toluene	1,1,1-Trichloro- ethane	Ethylbenzene	Trichloro- ethylene	Methylene chloride
	Units	ug/L	ug/L	ug/L	ug/L	ug/L
	Sample Type	24 HR COMP	24 HR COMP	24 HR COMP	24 HR COMP	24 HR COMP
	Frequency	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY
Sample Results	**Day 1**					
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					

	Sample Point	101	101	101	101	101
	Description	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	500	561	200	508	285
	Description	Toluene	1,1,1-Trichloro- ethane	Ethylbenzene	Trichloro- ethylene	Methylene chloride
	Units	ug/L	ug/L	ug/L	ug/L	ug/L
Summary Values	**Monthly Avg**					
	Monthly Total					
	Daily Max					
	Daily Min					
	Rolling 12 Month Avg					
Limit(s) in Effect	**Monthly Avg**					
	Monthly Total					
	Daily Max					
	Daily Min					
	Rolling 12 Month Avg					
QA/QC Information	**LOD**					
	LOQ					
	QC Exceedance					
	Lab Certification					

	Sample Point	101	106	106	106	107
	Description	Metal Finishing Effluent	Future remedial action ww	Future remedial action ww	Future remedial action ww	Mercury Field Blank Results
	Parameter	167	211	35	457	280
	Description	Di-n-butyl phthalate (dibutyl phthalate)	Flow Rate	Arsenic, Total Recoverable	Suspended Solids, Total	Mercury, Total Recoverable
	Units	ug/L	gpd	ug/L	mg/L	ng/L
	Sample Type	24 HR COMP	CONTINUOUS	24 HR COMP	24 HR COMP	GRAB
	Frequency	MONTHLY	DAILY	WEEKLY	WEEKLY	MONTHLY
Sample Results	Day 1					
	2					
	3					
	4					
	5					<0.25
	6					
	7					
	8					
	9					
	10					
	11					
	12					0.42
	13					
	14					
	15					
	16					
	17					<0.25
	18					
	19					
	20					
	21					
	22					
	23					
	24					<0.25
	25					
	26					
	27					
	28					
	29					
	30					
	31					

	Sample Point	101	106	106	106	107
	Description	Metal Finishing Effluent	Future remedial action ww	Future remedial action ww	Future remedial action ww	Mercury Field Blank Results
	Parameter	167	211	35	457	280
	Description	Di-n-butyl phthalate (dibutyl phthalate)	Flow Rate	Arsenic, Total Recoverable	Suspended Solids, Total	Mercury, Total Recoverable
	Units	ug/L	gpd	ug/L	mg/L	ng/L
Summary Values	**Monthly Avg**					0.105
	Monthly Total					
	Daily Max					0.42
	Daily Min					<0.25
	Rolling 12 Month Avg					
Limit(s) in Effect	**Monthly Avg**					
	Monthly Total					
	Daily Max					
	Daily Min					
	Rolling 12 Month Avg					
QA/QC Information	**LOD**					0.25
	LOQ					0.84
	QC Exceedance	N	N	N	N	Y
	Lab Certification					721026460

	Sample Point	003	003	003	003	003
	Description	Future remedial action dischg	Future remedial action dischg	Future remedial action dischg	Future remedial action dischg	Future remedial action dischg
	Parameter	211	457	35	374	373
	Description	Flow Rate	Suspended Solids, Total	Arsenic, Total Recoverable	pH (Minimum)	pH (Maximum)
	Units	MGD	mg/L	ug/L	su	su
	Sample Type	CONTINUOUS	24 HR COMP	24 HR COMP	CONTINUOUS	CONTINUOUS
	Frequency	DAILY	WEEKLY	WEEKLY	DAILY	DAILY
Sample Results	**Day 1**	0.024769			7.0	7.5
	2	0.017626	<1.0	240.0	7.0	7.4
	3	0.018021			7.0	7.4
	4					
	5	0.013316			6.3	7.1
	6	0.015056			6.8	7.1
	7	0.030837			6.9	7.1
	8	0.028350			6.9	7.2
	9	0.030067			6.9	7.7
	10	0.024493			6.9	7.2
	11	0.024170	2.0	114.2	6.5	7.0
	12	0.028127			6.7	7.0
	13	0.017115			6.9	7.2
	14	0.021948			6.7	7.2
	15	0.028015			6.6	7.1
	16	0.025995			6.6	7.1
	17	0.028786	<1.0	122.8	6.5	7.0
	18	0.025184			6.9	7.3
	19	0.036207			7.0	7.4
	20	0.020403			6.5	7.3
	21	0.028120			6.5	6.9
	22	0.025957			6.5	6.9
	23	0.023718			6.8	7.1
	24	0.026755	<1.0	135.4	6.9	7.4
	25	0.024337			6.4	7.1
	26	0.023392			6.7	7.1
	27	0.016429			6.9	7.1
	28	0.016116			6.8	7.1
	29	0.025599			6.6	7.1
	30	0.023177			6.6	7.0
	31	0.014219			7.0	7.2

	Sample Point	003		003		003		003		003	
	Description	Future remedial action dischg		Future remedial action dischg		Future remedial action dischg		Future remedial action dischg		Future remedial action dischg	
	Parameter	211		457		35		374		373	
	Description	Flow Rate		Suspended Solids, Total		Arsenic, Total Recoverable		pH (Minimum)		pH (Maximum)	
	Units	MGD		mg/L		ug/L		su		su	
Summary Values	**Monthly Avg**	0.023543467		0.5		153.1		6.743333333		7.176666667	
	Monthly Total										
	Daily Max	0.036207		2		240		7		7.7	
	Daily Min	0.013316		<1		114.2		6.3		6.9	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**										
	Monthly Total										
	Daily Max					680	0			11	0
	Daily Min							4	0		
	Rolling 12 Month Avg										
QA/QC Information	**LOD**					1.5					
	LOQ					5.1					
	QC Exceedance	N		N		N		N		N	
	Lab Certification			438039470		438039470					

	Sample Point	003	003
	Description	Future remedial action dischg	Future remedial action dischg
	Parameter	379	376
	Description	pH Total Exceedance Time Minutes	pH Exceedances Greater Than 60 Minutes
	Units	minutes	Number
	Sample Type	CONTINUOUS	CONTINUOUS
	Frequency	DAILY	DAILY
Sample Results	**Day 1**		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
	11		
	12		
	13		
	14		
	15		
	16		
	17		
	18		
	19		
	20		
	21		
	22		
	23		
	24		
	25		
	26		
	27		
	28		
	29		
	30		
	31		

	Sample Point	003		003	
	Description	Future remedial action dischg		Future remedial action dischg	
	Parameter	379		376	
	Description	pH Total Exceedance Time Minutes		pH Exceedances Greater Than 60 Minutes	
	Units	minutes		Number	
Summary Values	**Monthly Avg**				
	Monthly Total				
	Daily Max				
	Daily Min				
	Rolling 12 Month Avg				
Limit(s) in Effect	**Monthly Avg**				
	Monthly Total	446	0		
	Daily Max			0	0
	Daily Min				
	Rolling 12 Month Avg				
QA/QC Information	**LOD**				
	LOQ				
	QC Exceedance	N		N	
	Lab Certification				

Footnotes (DNR Use Only; Instructions for completing this form that are unique for your facility may be displayed here.)

General Remarks

Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation for total toxic organics (TTO), I certify that to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to the Department of Natural Resources.

Cyanide, amenable (Parameter 152), at OF001 is a grab sample per WDNR requirements.

Independence Day holiday shutdown 4/4/13 through 4/7/13; therefore, no flow at OF101.

No flow at OF001 and OF003 on 4/4/13 due to Independence Day production shutdown.

Laboratory Quality Control Comments

Lab 721026460 reported following for 7/24/13 ultra low-level mercury analysis: "Method Blank 1 = 0.32 ng/L, Method Blank 2 = <0.25 ng/L, Method Blank 3 = 0.30 ng/L"

Validation - Success - 10:00:58

Validation - Success - 10:00:58

No errors found. Warning messages do not prevent successful validation or submittal of form

Print Close

Rost, Judy

From: WTeReports@DNR.state.wi.us
Sent: Tuesday, August 13, 2013 10:23 AM
To: Rost, Judy
Subject: Finalize submission of the TYCO FIRE PROTECTION PRODUCTS LP July, 2013 Wastewater Discharge Monitoring Long Report

Thank you Judith for your submission of the TYCO FIRE PROTECTION PRODUCTS LP July, 2013 Wastewater Discharge Monitoring Long Report.

To complete the process enter the following certification code on the Certify Web Page.
Certification Code : bimalytemi

This code must be entered before leaving the Certify Web Page. If the page is exited before entering this code, you must get another Certification Code. This code will be sent once you enter the Certify Web Page.

DNR Form code for the July, 2013 Wastewater Discharge Monitoring Long Report is: 19A7A2D60F147757D5B3996E8C59FFBE (This number should NOT be used as a certification code, it is for internal DNR Form verification.)

Questions or problems please contact the appropriate person on the following web page:
http://dnr.wi.gov/topic/wastewater/eReporting.html

eReport Certify - TYCO FIRE PROTECTION PRODUCTS LP - 330021

Facility Name
TYCO FIRE PROTECTION PRODUCTS LP
Form Type
Wastewater Discharge Monitoring Long Report
DOC ID
314213
Reporting Period
7/1/2013 to 7/31/2013
Enter Certification Code
bimalytemi
E-Mail was sent to
jrost@tycoint.com
Return To List
Certification complete.

The Official Internet site for the Wisconsin Department of Natural Resources

101 S. Webster Street . PO Box 7921 . Madison, Wisconsin 53707-7921 . 608.266.2621

Questions or comments about this e-form : Contact Us

Wastewater Discharge Monitoring Long Report

Facility Name: TYCO FIRE PROTECTION PRODUCTS LP
Contact Address: One Stanton Street
Marinette, WI 54143
Facility Contact: Judith Rost, Sr Lab Tech
Phone Number: (715) 735-7411
Reporting Period: 08/01/2013 - 08/31/2013
Form Due Date: 09/15/2013
Permit Number: 0001040

For DNR Use Only

Date Received:	
DOC:	314854
FIN:	7245
FID:	438039470
Region:	Northeast Region
Permit Drafter:	Jeff W. Brauer
Reviewer:	Bruce S. Oman
Office:	Peshtigo

	Sample Point	001	703	001	001	001
	Description	PRIOR TO MENOMINEE RIVER	Intake Water Monitoring	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER
	Parameter	211	280	487	374	373
	Description	Flow Rate	Mercury, Total Recoverable	Temperature	pH (Minimum)	pH (Maximum)
	Units	MGD	ng/L	degF	su	su
	Sample Type	CONTINUOUS	GRAB	GRAB	CONTINUOUS	CONTINUOUS
	Frequency	DAILY	MONTHLY	MONTHLY	DAILY	DAILY
Sample Results	**Day 1**	0.240380			6.7	7.2
	2	0.153140	6.5		6.6	6.9
	3	0.008670			7.0	7.4
	4	0.092180			7.3	7.8
	5	0.251800			6.7	6.9
	6	0.394610			6.4	7.1
	7	0.238950	11	72	6.7	7.0
	8	0.208260			6.9	7.3
	9	0.166460		74	6.8	7.0
	10	0.097650			6.7	7.2
	11	0.062910			6.8	7.2
	12	0.211410			6.6	6.9
	13	0.346140			6.6	7.1
	14	0.376700		70	7.0	7.1
	15	0.369780			6.8	7.6
	16	0.278770	8.7		6.7	6.9
	17	0.173440			6.9	7.5
	18	0.167340			6.6	7.1
	19	0.325960		74	6.6	7.1
	20	0.289520			6.9	7.3
	21	0.294080			6.4	7.4
	22	0.206200	12	72	6.6	7.0
	23	0.039940			6.7	7.0
	24	0.002540			6.9	7.1
	25	0.071560			6.7	7.1
	26	0.410540	13	72	6.3	8.6
	27	0.247730			6.4	6.8
	28	0.223410			6.7	7.1
	29	0.207450			6.7	6.9
	30	0.101260		76	6.5	6.8
	31	0.066470			6.8	7.0

	Sample Point	001		703		001		001		001	
	Description	PRIOR TO MENOMINEE RIVER		Intake Water Monitoring		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER	
	Parameter	211		280		487		374		373	
	Description	Flow Rate		Mercury, Total Recoverable		Temperature		pH (Minimum)		pH (Maximum)	
	Units	MGD		ng/L		degF		su		su	
Summary Values	**Monthly Avg**	0.204040323		10.24		72.857142857		6.709677419		7.174193548	
	Monthly Total										
	Daily Max	0.41054		13		76		7.3		8.6	
	Daily Min	0.00254		6.5		70		6.3		6.8	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**										
	Monthly Total										
	Daily Max									11	0
	Daily Min							4	0		
	Rolling 12 Month Avg										
QA/QC Information	**LOD**			0.25							
	LOQ			0.84							
	QC Exceedance	N		N		N		N		N	
	Lab Certification			721026460							

	Sample Point	001	001	001	001	001
	Description	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER
	Parameter	379	376	388	231	35
	Description	pH Total Exceedance Time Minutes	pH Exceedances Greater Than 60 Minutes	Phosphorus, Total	Hardness, Total as CaCO3	Arsenic, Total Recoverable
	Units	minutes	Number	mg/L	mg/L	ug/L
	Sample Type	CONTINUOUS	CONTINUOUS	24 HR COMP	24 HR COMP	24 HR COMP
	Frequency	DAILY	DAILY	WEEKLY	MONTHLY	MONTHLY
Sample Results	Day 1			0.173	142.48	87.8
	2					
	3					
	4					
	5					
	6					
	7					
	8			0.195	124.68	70.2
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16			0.255	119.82	41.2
	17					
	18					
	19					
	20					
	21					
	22			0.171	132.47	28.0
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					

	Sample Point	001		001		001		001		001	
	Description	PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER	
	Parameter	379		376		388		231		35	
	Description	pH Total Exceedance Time Minutes		pH Exceedances Greater Than 60 Minutes		Phosphorus, Total		Hardness, Total as CaCO3		Arsenic, Total Recoverable	
	Units	minutes		Number		mg/L		mg/L		ug/L	
Summary Values	**Monthly Avg**					0.1985		129.8625		56.8	
	Monthly Total										
	Daily Max					0.255		142.48		87.8	
	Daily Min					0.171		119.82		28	
	Rolling 12 Month Avg					0.2					
Limit(s) in Effect	**Monthly Avg**										
	Monthly Total	446	0								
	Daily Max			0	0					680	0
	Daily Min										
	Rolling 12 Month Avg					1	0				
QA/QC Information	**LOD**					0.013				1.5	
	LOQ					0.043				5.1	
	QC Exceedance	N		N		N		N		N	
	Lab Certification					438039470		438039470		438039470	

	Sample Point	001	001	001	001	001
	Description	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER
	Parameter	35	147	147	87	152
	Description	Arsenic, Total Recoverable	Copper, Total Recoverable	Copper, Total Recoverable	Cadmium, Total Recoverable	Cyanide, Amenable
	Units	lbs/day	ug/L	lbs/day	ug/L	ug/L
	Sample Type	CALCULATED	24 HR COMP	24 HR COMP	24 HR COMP	24 HR COMP
	Frequency	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY
Sample Results	**Day 1**	0.1756	<6.8	<0.0136	<0.2	
	2					
	3					
	4					
	5					
	6					
	7					<5.0
	8	0.1221	8.9	0.0155	<0.2	
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16	0.0956	15.3	0.0355	<0.2	
	17					
	18					
	19					
	20					
	21					
	22	0.0482	15.8	0.0272	<0.2	
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					

	Sample Point	001		001		001		001		001	
	Description	PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER	
	Parameter	35		147		147		87		152	
	Description	Arsenic, Total Recoverable		Copper, Total Recoverable		Copper, Total Recoverable		Cadmium, Total Recoverable		Cyanide, Amenable	
	Units	lbs/day		ug/L		lbs/day		ug/L		ug/L	
Summary Values	**Monthly Avg**	0.110375		10		0.01955		0		0	
	Monthly Total										
	Daily Max	0.1756		15.8		0.0355		<0.2		<5	
	Daily Min	0.0482		<6.8		<0.0136		<0.2		<5	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**										
	Monthly Total										
	Daily Max	12	0	69	0	0.98	0				
	Daily Min										
	Rolling 12 Month Avg										
QA/QC Information	**LOD**			6.8				0.2		5	
	LOQ			22.7				0.7		15	
	QC Exceedance	N		N		N		N		N	
	Lab Certification			438039470				438039470		721026460	

	Sample Point	001	001	101	101	101
	Description	PRIOR TO MENOMINEE RIVER	PRIOR TO MENOMINEE RIVER	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	112	280	211	457	342
	Description	Chlorine, Total Residual	Mercury, Total Recoverable	Flow Rate	Suspended Solids, Total	Oil & Grease (Freon)
	Units	ug/L	ng/L	MGD	mg/L	mg/L
	Sample Type	GRAB	GRAB	CONTINUOUS	24 HR COMP	GRAB
	Frequency	MONTHLY	MONTHLY	DAILY	DAILY	2/WEEK
Sample Results	Day 1			0.02011	5.0	<1.3
	2		1.3	0.01760	4.5	<1.3
	3					
	4					
	5			0.02317	4.0	
	6			0.02683	2.8	
	7		3.1	0.03080	4.5	
	8			0.03203	5.5	<1.3
	9			0.02504	4.8	<1.3
	10			0.01574	7.5	
	11					
	12			0.02520	5.8	
	13			0.02569	6.8	
	14			0.02578	5.3	
	15			0.02112	9.8	<1.3
	16		1.0	0.02090	8.5	<1.3
	17			0.00409	8.0	
	18					
	19			0.02218	4.0	
	20			0.02223	12.3	
	21			0.01640	14.5	
	22		3.2	0.02067	17.8	<1.3
	23			0.00807	24.0	<1.3
	24					
	25					
	26	<30	5.7	0.02001	15.5	
	27			0.02425	6.8	
	28			0.01992	8.8	
	29			0.01988	18.5	
	30			0.00598	28.4	
	31					

	Sample Point	001		001		101		101		101	
	Description	PRIOR TO MENOMINEE RIVER		PRIOR TO MENOMINEE RIVER		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent	
	Parameter	112		280		211		457		342	
	Description	Chlorine, Total Residual		Mercury, Total Recoverable		Flow Rate		Suspended Solids, Total		Oil & Grease (Freon)	
	Units	ug/L		ng/L		MGD		mg/L		mg/L	
Summary Values	**Monthly Avg**	0		2.86		0.020570417		9.725		0	
	Monthly Total										
	Daily Max	<30		5.7		0.03203		28.4		<1.3	
	Daily Min	<30		1		0.00409		2.8		<1.3	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**							31	0	26	0
	Monthly Total										
	Daily Max							60	0	52	0
	Daily Min										
	Rolling 12 Month Avg										
QA/QC Information	**LOD**	30		0.25						1.3	
	LOQ	100		0.84						4.2	
	QC Exceedance	N		N		N		N		N	
	Lab Certification			721026460				438039470		721026460	

	Sample Point	101	101	101	101	101
	Description	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	87	133	315	553	155
	Description	Cadmium, Total Recoverable	Chromium, Total Recoverable	Nickel, Total Recoverable	Zinc, Total Recoverable	Cyanide, Total
	Units	ug/L	ug/L	ug/L	ug/L	ug/L
	Sample Type	24 HR COMP	24 HR COMP	24 HR COMP	24 HR COMP	GRAB
	Frequency	2/WEEK	MONTHLY	2/WEEK	2/WEEK	MONTHLY
Sample Results	Day 1	<0.2		<28.8	9.9	
	2	<0.2		<28.8	55.2	
	3					
	4					
	5					
	6					
	7					<5.0
	8	0.5		<28.8	<3.8	
	9	<0.2	<1.2	<28.8	<3.8	
	10					
	11					
	12					
	13					
	14					
	15	<0.2		<28.8	4.5	
	16	<0.2		<28.8	<3.8	
	17					
	18					
	19					
	20					
	21					
	22	<0.2		<28.8	<3.8	
	23					
	24					
	25					
	26	<0.2		44.0	<3.8	
	27					
	28					
	29					
	30					
	31					

	Sample Point	101		101		101		101		101	
	Description	Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent	
	Parameter	87		133		315		553		155	
	Description	Cadmium, Total Recoverable		Chromium, Total Recoverable		Nickel, Total Recoverable		Zinc, Total Recoverable		Cyanide, Total	
	Units	ug/L		ug/L		ug/L		ug/L		ug/L	
Summary Values	**Monthly Avg**	0.0625		0		5.5		8.7		0	
	Monthly Total										
	Daily Max	0.5		<1.2		44		55.2		<5	
	Daily Min	<0.2		<1.2		<28.8		<3.8		<5	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**	260	0	1710	0	2380	0	1480	0	650	0
	Monthly Total										
	Daily Max	690	0	2770	0	3980	0	2610	0	1200	0
	Daily Min										
	Rolling 12 Month Avg										
QA/QC Information	**LOD**	0.2		1.2		28.8		3.8		5	
	LOQ	0.7		3.9		95.9		12.7		15	
	QC Exceedance	N		N		N		N		N	
	Lab Certification	438039470		438039470		438039470		438039470		721026460	

	Sample Point	101	101	101	101	101
	Description	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	147	264	430	374	373
	Description	Copper, Total Recoverable	Lead, Total Recoverable	Silver, Total Recoverable	pH (Minimum)	pH (Maximum)
	Units	ug/L	ug/L	ug/L	su	su
	Sample Type	24 HR COMP	24 HR COMP	24 HR COMP	CONTINUOUS	CONTINUOUS
	Frequency	2/WEEK	MONTHLY	MONTHLY	DAILY	DAILY
Sample Results	Day 1	17.8			6.8	7.4
	2	16.3			6.6	7.6
	3					
	4					
	5				7.1	8.1
	6				6.9	8.1
	7				6.6	8.2
	8	14.9			7.6	8.3
	9	7.1	14.8	<1.9	7.5	8.1
	10				7.2	8.0
	11					
	12				7.2	8.1
	13				7.9	8.3
	14				7.8	8.3
	15	15.7			7.1	8.3
	16	14.4			7.0	7.8
	17				7.0	7.8
	18					
	19				7.1	8.6
	20				7.2	8.2
	21				7.2	8.0
	22	10.2			7.3	7.9
	23				7.4	7.8
	24					
	25					
	26	21.8			7.1	7.8
	27				6.9	7.5
	28				7.0	7.7
	29				7.0	7.7
	30				7.7	8.2
	31					

	Sample Point	101		101		101		101		101	
	Description	Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent	
	Parameter	147		264		430		374		373	
	Description	Copper, Total Recoverable		Lead, Total Recoverable		Silver, Total Recoverable		pH (Minimum)		pH (Maximum)	
	Units	ug/L		ug/L		ug/L		su		su	
Summary Values	**Monthly Avg**	14.775		14.8		0		7.175		7.991666667	
	Monthly Total										
	Daily Max	21.8		14.8		<1.9		7.9		8.6	
	Daily Min	7.1		14.8		<1.9		6.6		7.4	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**	2070	0	430	0	240	0				
	Monthly Total										
	Daily Max	3380	0	690	0	430	0			11	0
	Daily Min							4	0		
	Rolling 12 Month Avg										
QA/QC Information	**LOD**	6.8		1.3		1.9					
	LOQ	22.7		4.2		6.5					
	QC Exceedance	N		N		N		N		N	
	Lab Certification	438039470		438039470		438039470					

	Sample Point	101	101	101	101	101
	Description	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	379	376	507	40	490
	Description	pH Total Exceedance Time Minutes	pH Exceedances Greater Than 60 Minutes	Total Toxic Organics	Benzene	Tetrachloroethylene
	Units	minutes	Number	ug/L	ug/L	ug/L
	Sample Type	CALCULATED	CALCULATED	24 HR COMP	24 HR COMP	24 HR COMP
	Frequency	DAILY	DAILY	MONTHLY	MONTHLY	MONTHLY
Sample Results	**Day 1**					
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					

	Sample Point	101		101		101		101		101	
	Description	Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent		Metal Finishing Effluent	
	Parameter	379		376		507		40		490	
	Description	pH Total Exceedance Time Minutes		pH Exceedances Greater Than 60 Minutes		Total Toxic Organics		Benzene		Tetrachloroethylene	
	Units	minutes		Number		ug/L		ug/L		ug/L	
Summary Values	**Monthly Avg**										
	Monthly Total										
	Daily Max										
	Daily Min										
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**										
	Monthly Total	446	0	0	0						
	Daily Max					2130					
	Daily Min										
	Rolling 12 Month Avg										
QA/QC Information	**LOD**										
	LOQ										
	QC Exceedance	N		N		N		N		N	
	Lab Certification										

	Sample Point	101	101	101	101	101
	Description	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	500	561	200	508	285
	Description	Toluene	1,1,1-Trichloro- ethane	Ethylbenzene	Trichloro- ethylene	Methylene chloride
	Units	ug/L	ug/L	ug/L	ug/L	ug/L
	Sample Type	24 HR COMP	24 HR COMP	24 HR COMP	24 HR COMP	24 HR COMP
	Frequency	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY
Sample Results	**Day 1**					
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
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	22					
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	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					

	Sample Point	101	101	101	101	101
	Description	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent	Metal Finishing Effluent
	Parameter	500	561	200	508	285
	Description	Toluene	1,1,1-Trichloro- ethane	Ethylbenzene	Trichloro- ethylene	Methylene chloride
	Units	ug/L	ug/L	ug/L	ug/L	ug/L
Summary Values	**Monthly Avg**					
	Monthly Total					
	Daily Max					
	Daily Min					
	Rolling 12 Month Avg					
Limit(s) in Effect	**Monthly Avg**					
	Monthly Total					
	Daily Max					
	Daily Min					
	Rolling 12 Month Avg					
QA/QC Information	**LOD**					
	LOQ					
	QC Exceedance					
	Lab Certification					

	Sample Point	101	106	106	106	107
	Description	Metal Finishing Effluent	Future remedial action ww	Future remedial action ww	Future remedial action ww	Mercury Field Blank Results
	Parameter	167	211	35	457	280
	Description	Di-n-butyl phthalate (dibutyl phthalate)	Flow Rate	Arsenic, Total Recoverable	Suspended Solids, Total	Mercury, Total Recoverable
	Units	ug/L	gpd	ug/L	mg/L	ng/L
	Sample Type	24 HR COMP	CONTINUOUS	24 HR COMP	24 HR COMP	GRAB
	Frequency	MONTHLY	DAILY	WEEKLY	WEEKLY	MONTHLY
Sample Results	Day 1					
	2					<0.25
	3					
	4					
	5					
	6					
	7					<0.25
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					<0.25
	17					
	18					
	19					
	20					
	21					
	22					<0.25
	23					
	24					
	25					
	26					<0.25
	27					
	28					
	29					
	30					
	31					

	Sample Point	101	106	106	106	107
	Description	Metal Finishing Effluent	Future remedial action ww	Future remedial action ww	Future remedial action ww	Mercury Field Blank Results
	Parameter	167	211	35	457	280
	Description	Di-n-butyl phthalate (dibutyl phthalate)	Flow Rate	Arsenic, Total Recoverable	Suspended Solids, Total	Mercury, Total Recoverable
	Units	ug/L	gpd	ug/L	mg/L	ng/L
Summary Values	**Monthly Avg**					0
	Monthly Total					
	Daily Max					<0.25
	Daily Min					<0.25
	Rolling 12 Month Avg					
Limit(s) in Effect	**Monthly Avg**					
	Monthly Total					
	Daily Max					
	Daily Min					
	Rolling 12 Month Avg					
QA/QC Information	**LOD**					0.25
	LOQ					0.84
	QC Exceedance	N	N	N	N	N
	Lab Certification					721026460

	Sample Point	003	003	003	003	003
	Description	Future remedial action dischg	Future remedial action dischg	Future remedial action dischg	Future remedial action dischg	Future remedial action dischg
	Parameter	211	457	35	374	373
	Description	Flow Rate	Suspended Solids, Total	Arsenic, Total Recoverable	pH (Minimum)	pH (Maximum)
	Units	MGD	mg/L	ug/L	su	su
	Sample Type	CONTINUOUS	24 HR COMP	24 HR COMP	CONTINUOUS	CONTINUOUS
	Frequency	DAILY	WEEKLY	WEEKLY	DAILY	DAILY
Sample Results	**Day 1**	0.025041	1.4	127.7	6.8	7.3
	2	0.022104			6.8	7.0
	3	0.013808			6.4	7.0
	4	0.026228			6.6	7.2
	5	0.017212			6.7	7.2
	6	0.021155			7.0	7.3
	7	0.023699			7.0	7.5
	8	0.026493	<1.0	75.9	6.9	7.1
	9	0.027956			6.7	7.2
	10	0.024559			6.9	7.2
	11	0.016108			7.0	7.2
	12	0.021268			6.9	7.2
	13	0.025980			6.6	7.0
	14	0.014550			6.6	7.0
	15	0.019302	<1.0	70.5	6.8	7.0
	16	0.021696			6.7	7.0
	17	0.012853			6.4	6.9
	18	0.023616			6.4	6.9
	19	0.017473			6.4	7.1
	20	0.017869			6.9	7.2
	21	0.018950			7.0	7.4
	22	0.019824	1.0	82.7	6.6	7.2
	23	0.021296			6.9	7.5
	24	0.015457			7.3	8.6
	25	0.021249			7.1	8.2
	26	0.018059			7.1	8.4
	27	0.019276			7.9	8.0
	28	0.019780			6.7	8.7
	29	0.019471	1.0	75.9	6.5	7.3
	30	0.020307			7.1	7.3
	31	0.017942			7.0	7.7

	Sample Point	003		003		003		003		003	
	Description	Future remedial action dischg		Future remedial action dischg		Future remedial action dischg		Future remedial action dischg		Future remedial action dischg	
	Parameter	211		457		35		374		373	
	Description	Flow Rate		Suspended Solids, Total		Arsenic, Total Recoverable		pH (Minimum)		pH (Maximum)	
	Units	MGD		mg/L		ug/L		su		su	
Summary Values	**Monthly Avg**	0.020341323		0.68		86.54		6.829032258		7.380645161	
	Monthly Total										
	Daily Max	0.027956		1.4		127.7		7.9		8.7	
	Daily Min	0.012853		<1		70.5		6.4		6.9	
	Rolling 12 Month Avg										
Limit(s) in Effect	**Monthly Avg**										
	Monthly Total										
	Daily Max					680	0			11	0
	Daily Min							4	0		
	Rolling 12 Month Avg										
QA/QC Information	**LOD**					1.5					
	LOQ					5.1					
	QC Exceedance	N		N		N		N		N	
	Lab Certification			438039470		438039470					

	Sample Point	003	003
	Description	Future remedial action dischg	Future remedial action dischg
	Parameter	379	376
	Description	pH Total Exceedance Time Minutes	pH Exceedances Greater Than 60 Minutes
	Units	minutes	Number
	Sample Type	CONTINUOUS	CONTINUOUS
	Frequency	DAILY	DAILY
Sample Results	**Day 1**		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
	11		
	12		
	13		
	14		
	15		
	16		
	17		
	18		
	19		
	20		
	21		
	22		
	23		
	24		
	25		
	26		
	27		
	28		
	29		
	30		
	31		

	Sample Point	003		003	
	Description	Future remedial action dischg		Future remedial action dischg	
	Parameter	379		376	
	Description	pH Total Exceedance Time Minutes		pH Exceedances Greater Than 60 Minutes	
	Units	minutes		Number	
Summary Values	**Monthly Avg**				
	Monthly Total				
	Daily Max				
	Daily Min				
	Rolling 12 Month Avg				
Limit(s) in Effect	**Monthly Avg**				
	Monthly Total	446	0		
	Daily Max			0	0
	Daily Min				
	Rolling 12 Month Avg				
QA/QC Information	**LOD**				
	LOQ				
	QC Exceedance	N		N	
	Lab Certification				

Footnotes (DNR Use Only; Instructions for completing this form that are unique for your facility may be displayed here.)

1. Based on my inquiry of the person or persons directly responsible for managing compiliance with the permit limitation for TTO I certify that to the best of my knowledge and belief no dumping of concentrated toxic organics into the wastewaters has
2. occurred since filing of the last discharge monitoring report. I further certify that this facility is implementing the solvent management plan submitted to the department.

General Remarks

Cyanide, amenable (Parameter 152), at OF001 is a grab sample per WDNR requirements.

Laboratory Quality Control Comments

Validation - Success - 19:10:32

No errors found. Warning messages do not prevent successful validation or submittal of form

Print Close

Rost, Judy

From: WTeReports@DNR.state.wi.us
Sent: Thursday, September 12, 2013 7:19 PM
To: Rost, Judy
Subject: Finalize submission of the TYCO FIRE PROTECTION PRODUCTS LP August, 2013 Wastewater Discharge Monitoring Long Report

Thank you Judith for your submission of the TYCO FIRE PROTECTION PRODUCTS LP August, 2013 Wastewater Discharge Monitoring Long Report.

To complete the process enter the following certification code on the Certify Web Page.
Certification Code : nechorsers

This code must be entered before leaving the Certify Web Page. If the page is exited before entering this code, you must get another Certification Code. This code will be sent once you enter the Certify Web Page.

DNR Form code for the August, 2013 Wastewater Discharge Monitoring Long Report is: 7FE436F680A924533947FD33D84A181A (This number should NOT be used as a certification code, it is for internal DNR Form verification.)

Questions or problems please contact the appropriate person on the following web page:
http://dnr.wi.gov/topic/wastewater/eReporting.html

eReport Certify - TYCO FIRE PROTECTION PRODUCTS LP - 332873

Facility Name
TYCO FIRE PROTECTION PRODUCTS LP
Form Type
Wastewater Discharge Monitoring Long Report
DOC ID
314854
Reporting Period
8/1/2013 to 8/31/2013
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Questions or comments about this e-form : Contact Us

eReport Certify - TYCO FIRE PROTECTION PRODUCTS LP - 332873

Facility Name
TYCO FIRE PROTECTION PRODUCTS LP
Form Type
Wastewater Discharge Monitoring Long Report
DOC ID
314854
Reporting Period
8/1/2013 to 8/31/2013
Enter Certification Code

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jrost@tycoint.com

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Without leaving THIS page, check E-Mail address for message containing Certification code. Enter code and click 'Certify' button to complete Submittal.
Submittal of this form is required by section 283.55, Wis. Stats., and chapters NR 205 and NR 214 or NR 204, Wis. Admin. Code.

Personally identifiable information collected on this form may be used for purposes other than that for which it was originally collected. Under Wisconsin's open records laws, DNR is required to provide all non-confidential information to any person who requests it. Such information may be provided to the public in written or electronic form. Information reported may be made available to the public via a DNR web page.

I certify under penalty of law that this form submitted to DNR on 9/12/2013 for the period 8/1/2013 to 8/31/2013 and identified by the DOC ID number listed above was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.