

Rec @ 8/19/15  
put on BRATS  
8/19/15

**Richard, Philip E - DNR**

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(99)

**From:** Ree, Timothy <Tim.Ree@ghd.com>  
**Sent:** Wednesday, August 19, 2015 9:42 AM  
**To:** Richard, Philip E - DNR  
**Cc:** Martin, Linda (martin.lindab@epa.gov)  
**Subject:** Penta Wood - July 2015 eDMR Long Report ~COR-086165~  
**Attachments:** 371137.pdf

Phil,

Please find a copy of the Penta Wood July 2015 eDMR (Discharge Monitoring Report) long report submitted electronically in the WDNR Web Access Management System (WAMS) today (8/19/2015).

Regards,

**Tim Ree**

**GHD**

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**Wastewater Discharge Monitoring Long Report**

**For DNR Use Only**

Facility Name: PENTA WOOD SF SITE  
 Contact Address: 1801 Old Highway 8 NW, Ste 114  
 Saint Paul, MN 55112-2307  
 Facility Contact: Timothy Ree, Engineer  
 Phone Number: (651) 639-0913  
 Reporting Period: 07/01/2015 - 07/31/2015  
 Form Due Date: 08/21/2015  
 Permit Number: 0061531

Date Received:  
 DOC: 348623  
 FIN: 16088  
 FID: 807027980  
 Region: Northern Region  
 Permit Drafter: Drafter not set  
 Reviewer: Kathy M. Bartilson  
 Office: Spooner

Sample Point	001	001	001	001	
Description	Treated Groundwater Discharge	Treated Groundwater Discharge	Treated Groundwater Discharge	Treated Groundwater Discharge	
Parameter	211	368	307	1287	
Description	Flow Rate	Pentachloro- phenol	Naphthalene	Diesel Range Organics (DRO)	
Units	gpd	ug/L	ug/L	mg/L	
Sample Type	CONTINUOUS	GRAB	GRAB	GRAB	
Frequency	DAILY	WEEKLY	MONTHLY	MONTHLY	
Sample Results	Day 1	42436			
	2	42367			
	3	36591	0.13		
	4	0			
	5	0			
	6	17803			
	7	42625			
	8	42121	0.11	<0.061	<0.050
	9	41651			
	10	24326			
	11	0			
	12	0			
	13	0			
	14	24856	0.087		
	15	42829			
	16	23078			
	17	3607			
	18	7250			
	19	43019			
	20	42437			
	21	42416	0.16		
	22	42619			
	23	42306			
	24	42754			
	25	42527			
	26	42150			
	27	42032			
	28	41848			
	29	42220	0.064		
	30	42133			
	31	42188			

	<b>Sample Point</b>	001	001	001	001	
	<b>Description</b>	Treated Groundwater Discharge	Treated Groundwater Discharge	Treated Groundwater Discharge	Treated Groundwater Discharge	
	<b>Parameter</b>	211	368	307	1287	
	<b>Description</b>	Flow Rate	Pentachloro- phenol	Naphthalene	Diesel Range Organics (DRO)	
	<b>Units</b>	gpd	ug/L	ug/L	mg/L	
<b>Summary Values</b>	<b>Monthly Avg</b>	30393.193548387	0.1102	0	0	
	<b>Daily Max</b>	43019	0.16	<0.061	<0.05	
	<b>Daily Min</b>	0	0.064	<0.061	<0.05	
<b>Limit(s) in Effect</b>	<b>Monthly Avg</b>		0.10	1	8	0
<b>QA/QC Information</b>	<b>LOD</b>		0.015		0.061	0.05
	<b>LOQ</b>		0.098*Footnote		0.2	0.1
	<b>QC Exceedance</b>	N	N		N	N
	<b>Lab Certification</b>		998027800		999518190	

\*Footnote: QA/QC Information is not identical for each day, so the value shown is the maximum of all values for LOD/LOQ data or the first Lab found for Lab Cert data.

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

General Remarks

The July 2015 monthly average pentachlorophenol concentration exceeds the limit of 0.1 ug/L as reported above. WDNR and USEPA were promptly notified of the weekly compliance sample pentachlorophenol concentrations. A written report was submitted to WDNR and USEPA on August 19, 2015 discussing the non-compliance, potential cause of the non-compliance, and a corrective action. As part of a corrective action implemented on 7/23/2015 to reduce the influent concentrations and improve treatment, the pumping rate at well EW06 was decreased and the pumping rates at EW02 and EW04 were increased. Subsequent sample results indicated that the corrective action was successful.

The daily flow rates were estimated as reported above based on the effluent flowmeter flowrates.

Laboratory Quality Control Comments

The pentachlorophenol concentrations less than 0.095 ug/L are less than the LOQ but greater than the LOD; therefore, the concentrations were flagged with a "J" qualifier by the laboratory indicating that each concentration is an approximate value.

Exceedence Comments

The July 2015 monthly average pentachlorophenol concentration exceeds the limit of 0.1 ug/L. WDNR and USEPA were promptly notified of the weekly compliance sample pentachlorophenol concentrations. A written report was submitted to WDNR and USEPA on August 19, 2015 discussing the non-compliance, potential cause of the non-compliance, and a corrective action. As part of a corrective action implemented on July 23, 2015 to reduce the influent concentrations and improve treatment, pumping adjustments were made. Subsequent sample results indicated that the corrective action was successful.

Submitted by Timothy Ree(timdree0042) on 8/19/2015 9:37:13 AM