

Richard, Philip E - DNR

Rec 11/21/14
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(43)

From: Ree, Timothy <tree@craworld.com>
Sent: Friday, November 21, 2014 9:54 AM
To: Richard, Philip E - DNR
Cc: Endsley, Erin A - DNR; Martin, Linda
Subject: Penta Wood - October 2014 eDMR ~COR-086165~
Attachments: 358134.pdf

Phil,

Please find a copy of the Penta Wood October 2014 eDMR (Discharge Monitoring Report) submitted electronically in the WDNR Web Access Management System (WAMS).

Should you have questions, please do not hesitate to contact me.

Regards,

Tim Ree
Conestoga-Rovers & Associates (CRA)
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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: 10/01/2014 - 10/31/2014
 Form Due Date: 11/21/2014
 Permit Number: 0061531

Date Received:	
DOC:	336601
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	81615			
	2	78779			
	3	82212			
	4	81126			
	5	77730			
	6	78035			
	7	67907	<0.095	<0.19	<0.095
	8	80303			
	9	77726			
	10	74728			
	11	80303			
	12	79750			
	13	80924			
	14	81956	<0.098		
	15	80140			
	16	26498			
	17	17300	0.033		
	18	0			
	19	0			
	20	0			
	21	0			
	22	0			
	23	3250			
	24	0			
	25	0			
	26	0			
	27	30203			
	28	54550	0.075		
	29	65399			
	30	64949			
	31	59327			

	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	
Summary Values	Monthly Avg	48539.032258065		0.027		0		0	
	Daily Max	82212		<0.098		<0.19		<0.095	
	Daily Min	0		0.033		<0.19		<0.095	
Limit(s) in Effect	Monthly Avg			0.10	0	8	0		
QA/QC Information	LOD			0.015		0.06		0.076	
	LOQ			0.098*Footnote		0.19		0.095	
	QC Exceedance	N		N		N		N	
	Lab Certification			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.

General Remarks

The water treatment system process was modified on 10/16/2014 as approved by WDNR and USEPA. The modified system was operated for one day and a compliance sample was collected on 10/17/2014. The system was temporarily shutdown on 10/17/2014 until the compliance sample analytical result was received and confirmed that the modified system successfully treated water to the permit discharge limit. The system was restarted on 10/27/2014. The system was temporarily operated on 10/23/2014 to test the system modification for leaks. Compliance samples were not collected during the temporary system shutdown period.

The PCP analyses were performed by TestAmerica Pittsburgh. During preparation of this Discharge Monitoring Report, it was discovered that the previous Laboratory Certification No. 998027800 expired on 8/31/2014 (Wisconsin reciprocal certification with South Carolina) for PCP analyses. The existing South Carolina certification remains valid until 4/30/2015. An audit for TestAmerica Pittsburgh is scheduled to be completed in January 2015 to obtain Wisconsin certification. Efforts are currently underway to find a certified laboratory, and when found, a certified laboratory will be utilized for PCP analyses. The compliance sample PCP analyses reported in the September 2014 Discharge Monitoring Report were also performed after expiration of the TestAmerica Pittsburgh laboratory certification.

The daily flowrates reported above are based on the effluent flowmeter totalizer from 10/1/2014 through 10/26/2014. The daily flowrates reported above are based on the effluent flowmeter flowrates from 10/27/2014 through 10/31/2014, due to an apparent malfunction of the effluent flowmeter totalizer.

Laboratory Quality Control Comments

Pentachlorophenol was initially detected at a concentration of 0.11 ug/L (greater than the permit limit) in the effluent sample collected on 10/28/2014. The sample was reanalyzed by the laboratory for pentachlorophenol due to an error with the initial calibration quality control, and pentachlorophenol was subsequently detected at an estimated concentration of 0.075 ug/L (less than the permit limit), as reported above.

Submitted by Timothy Ree(timdree0042) on 11/21/2014 9:48:26 AM