Poon, Peter

From: Sent: To: Subject: Attachments:	Patti Havlin <havlinp@gohammond.com> Tuesday, July 2, 2024 9:21 AM Poon, Peter Emailing: Filter Backwash Recycling Rule Recordkeeping for June 2024 Filter Backwash Recycling Rule Recordkeeping for June 2024.pdf</havlinp@gohammond.com>
**** This is an EXTERNAL email. E unexpected email. ****	Exercise caution. DO NOT open attachments or click links from unknown senders or
Hello Mr. Poon, I have attached the HWD Filter Ba Have a nice day.	ackwash Recycling Rule Recordkeeping for June.
Patricia Havlin Lab Coordinator/Personnel Hammond Water Filtration Plant PWSID#5245020 925 Casino Center Drive P: (219)853-6439 havlinp@gohammond.com	
Your message is ready to be sent	with the following file or link attachments:
Filter Backwash Recycling Rule Re	cordkeeping for June 2024

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FILTER BACKWASH RECYCLING RULE (FBRR) RECORDKEEPING

State Form 54186 (2-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (IDEM)
OFFICE OF WATER QUALITY - DRINKING WATER BRANCH - COMPLIANCE SECTION

	MONTH	JUNE	YEAR	2024	69
1					

PWSID 5245020

System name HAMMOND WATER FILTRATION PLANT

No

Plant/POE #1

Type of recycle stream	Indicate frequency at which flow is returned (or N/A)
Spent filter backwash	96 HOURS RUN TIME OR 8' HEAD LOSS
Thickener supernatant	The filter run length is the sum of the tinte the filter is producing
Liquids from dewatering process	Freese include units (nours, minates, etc.) Describe how run time length is determined. For example, 5 th
Other (specify)	across the filter, turbidity levels of filter effluent, a predetermine

Filter Information	Filter Number/ID			
riller information	#1- #2 - #3	#4 - #5 - #6	#7 - #8 - #9	#10 - #11 - #12
Average duration of backwash (in minutes)	4	4	4	4
Maximum duration of backwash (in minutes)	7"	7"	7"	7"
Average backwash flow (in gpm)				
Maximum backwash flow (in gpm)				8
Run length time of filter (include units)	96 HRS/ 8' H.L.	96 HRS/ 8' H.L.	96 HRS/ 8' H.L.	96 HRS/ 8' H.L.
	Head Loss: 🗸	Head Loss:	Head Loss:	Head Loss: 🗸
Criteria for terminating filter run	Run Time:	Run Time:	Run Time:	Run Time:
	Turbidity:	Turbidity:	Turbidity:	Turbidity:

Was treatment or equalization provided to the recycle flows? Yes
If yes, please complete the following table:

Type of treatment provided before recycling

Typical hydraulic loading rate (gpm/ft²)

Maximum hydraulic loading rate (gpm/ft²)

Specify type of chemical used

Average dose of chemical (mg/L)

Frequency of chemical addition

Frequency at which solids are removed

Monthly amount of solids removed

Disposal or Treatment Method Used to Treat the Solids

SEDIMENTATION

DISCHARGED TO SANITARY

MONTH	JUNE	YEAR 2024

PWSID 5245020

System name HAMMOND WATER FILTRATION PLANT

Plant/POE #2

Type of recycle stream	Indicate frequency at which flow is returned (or N/A)
Spent filter backwash	72 HOURS RUN TIME OR 8' HEAD LOSS
Thickener supernatant	The filter run length is the sum of the fime the filter is producing
Liquids from dewatering process	Presse include units (nours, minutes, etc.) Describe how out time length is determined. For everyally letter
Other (specify)	across the litter, turbidity levels of filter efficient, a predetermined

Filter Information	Filter Number/ID			
Filter Information	rwelv#1 Tot eld	#2	#3	#4
Average duration of backwash (in minutes)	4	4	4	4
Maximum duration of backwash (in minutes)	7"	7"	7"	7"
Average backwash flow (in gpm)				
Maximum backwash flow (in gpm)				
Run length time of filter (include units)	72 HRS/ 8' H.L.	72 HRS/ 8' H.L.	72 HRS/ 8' H.L.	72 HRS/ 8' H.L.
	Head Loss: 🗸	Head Loss:	Head Loss:	Head Loss:
Criteria for terminating filter run	Run Time:	Run Time:	Run Time:	Run Time:
	Turbidity:	Turbidity:	Turbidity:	Turbidity:

Was treatment or equalization provided to the recycle flows? Yes If yes, please complete the following table:

No

Type of treatment provided <u>before</u> recycling	SEDIMENTATION
Typical hydraulic loading rate (gpm/ft²)	
Maximum hydraulic loading rate (gpm/ft²)	
Specify type of chemical used	
Average dose of chemical (mg/L)	
Frequency of chemical addition	
Frequency at which solids are removed	MONDAY, WEDNESDAY & FRIDAY
Monthly amount of solids removed	
Disposal or Treatment Method Used to Treat the Solids	DISCHARGED TO SANITARY