Poon, Peter

From:	Patti Havlin <havlinp@gohammond.com>
Sent:	Tuesday, July 2, 2024 9:21 AM
To:	Poon, Peter
Subject:	Emailing: Filter Backwash Recycling Rule Recordkeeping for June 2024
Attachments:	Filter Backwash Recycling Rule Recordkeeping for June 2024.pdf

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 Hello Mr. Poon,
I have attached the HWD Filter Backwash Recycling Rule Recordkeeping for June.
Have a nice day.

Patricia Havlin
Lab Coordinator/Personnel
Hammond Water Filtration Plant
PWSID#5245020
925 Casino Center Drive
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havlinp@gohammond.com

Your message is ready to be sent with the following file or link attachments:

Filter Backwash Recycling Rule Recordkeeping 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

PWSID 5245020   **System name** HAMMOND WATER FILTRATION PLANT

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	
Liquids from dewatering process	
Other (specify)	

Filter Information	Filter Number/ID			
	#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)				
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.
Criteria for terminating filter run	Head Loss: ✔ Run Time: ✔ Turbidity: ✔	Head Loss: ✔ Run Time: ✔ Turbidity: ✔	Head Loss: ✔ Run Time: ✔ Turbidity: ✔	Head Loss: ✔ Run Time: ✔ Turbidity: ✔

Was treatment or equalization provided to the recycle flows? ✔ Yes   No

If yes, please complete the following table:

Type of treatment provided before recycling	SEDIMENTATION
Typical hydraulic loading rate (gpm/ft^2)	
Maximum hydraulic loading rate (gpm/ft^2)	
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

FILTER BACKWASH RECYCLING RULE (FBRR) RECORDKEEPING

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INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (IDEM)
OFFICE OF WATER QUALITY - DRINKING WATER BRANCH - COMPLIANCE SECTION

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	
Liquids from dewatering process	
Other (specify)	

Filter Information	Filter Number/ID			
	#1	#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.
Criteria for terminating filter run	Head Loss: ✔ Run Time: ✔ Turbidity: ✔	Head Loss: ✔ Run Time: ✔ Turbidity: ✔	Head Loss: ✔ Run Time: ✔ Turbidity: ✔	Head Loss: ✔ Run Time: ✔ Turbidity: ✔

Was treatment or equalization provided to the recycle flows? ✔ Yes No

If yes, please complete the following table:

Type of treatment provided **before** recycling	SEDIMENTATION
Typical hydraulic loading rate (gpm/ft^2)	
Maximum hydraulic loading rate (gpm/ft^2)	
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