Connecticut Department of
ENERGY &
ENVIRONMENTAL
PROTECTION

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NPDES PERMIT MINOR MODIFICATION

issued to

Permittee:
PL 612 Wheelers Farms Limited Partnership
612 Wheelers Farms Road
Milford, Connecticut 06460

Location Address:
Merritt Corporate Woods
612 Wheelers Farms Road
Milford, Connecticut 06460

Facility ID: 084-084 **Permit ID:** CT0024759 **Permit Expires:** **June 19, 2019**

Receiving Stream: Housatonic River **Design Flow Rate:** **0.096** MGD

This permit modification is issued in accordance with section 22a-430 of Chapter 446k, Connecticut General Statutes ("CGS"), section 22a-430-4(p)(5) of the Regulations of Connecticut State Agencies ("RCSA") adopted thereunder, as amended, and Section 402(b) of the Clean Water Act, as amended 33 USC 1251, et. seq., and pursuant to an approval dated September 26, 1973, by the Administrator of the United States Environmental Protection Agency for the State of Connecticut to administer a N.P.D.E.S. permit program.

PL 612 Wheelers Farms Limited Partnership, ("Permittee"), shall comply with all conditions of Permit No. CT0024759 issued on June 20, 2014 with the following modification:

Tables A, C and D in Attachment 1 have been modified from "Daily Composite" to "Composite" sampling. Composite sampling is more representative of the operating hours of the office building than 24-hour sampling which includes sampling during hours that the building is closed for operation.

The Commissioner reserves the right to make appropriate revisions to the permit in order to establish any appropriate effluent limitations, schedules of compliance, or other provisions which may be authorized under the Clean Water Act or the Connecticut General Statutes or regulations adopted thereunder, as amended. The permit as modified or renewed under this paragraph may also contain any other requirements of the Clean Water Act or Connecticut General Statutes or regulations adopted thereunder which are then applicable.

All other terms and conditions of Permit No. CT0024759 issued on June 20, 2014 shall continue in full force and effect.

This modification is hereby issued on: November 9, 2015

Betsey Wingfield
Bureau Chief
Bureau of Water Protection and Land Reuse

Sent RRR
cc: Richard Finn, Operator

TABLE A

Discharge Serial Number (DSN): **001-1**	Monitoring Location: **1**
Wastewater Description: **Sanitary Sewage**	
Monitoring Location Description: **Final Effluent**	
Allocated Zone of Influence (ZOI): **14.65cfs**	In-stream Waste Concentration (IWC): **1%**

PARAMETER	Units	FLOW/TIME BASED MONITORING				INSTANTANEOUS MONITORING			REPORT FORM	Minimum Level Analysis See Section 6
		Average Monthly Limit	Maximum Daily Limit	Sample Freq.	Sample type	Instantaneous Limit or Required Range [3]	Sample Freq.	Sample Type		
Biochemical Oxygen Demand (5 day) [1] See remark C	mg/l	30 mg/l	50 mg/l	Bi-Weekly	Composite	NA	NR	NA	DMR/MOR	
Chlorine, Total Residual April 1st through October 31st See remark A below.	mg/l	NA	NA	NR	NA	0.2 - 1.5	2 / Workday	Grab	DMR/MOR	
Escherichia see remark (B) below	Colonies per100 ml	NA	NA	NR	NA	410	Bi-weekly	Grab	DMR/MOR	
Flow	MGD	-----	------	Continuous[2]	Average Daily Flow	NA	NR	NA	DMR/MOR	
Nitrogen, Ammonia (total as N)	mg/l	NA	------	Monthly	Composite	NA	NR	NA	MOR	
Nitrogen, Nitrate (total as N)	mg/l	NA	------	Monthly	Composite	NA	NR	NA	MOR	
Nitrogen, Nitrite (total as N)	mg/l	NA	------	Monthly	Composite	NA	NR	NA	MOR	
Nitrogen, Total Kjeldahl	mg/l	NA	------	Monthly	Composite	NA	NR	NA	MOR	
Nitrogen, Total	mg/l	NA	------	Monthly	Composite	NA	NR	NA	MOR	
Oxygen, Dissolved	mg/l	NA	NA	NR	NA	------	Weekly	Grab	MOR	
pH	S.U.	NA	NA	NR	NA	6 - 9	Weekly	Grab	DMR/MOR	
Solids, Total Suspended[1]	mg/l	30 mg/l	50 mg/l	Bi-Weekly	Composite	NA	NA	NA	DMR/MOR	
Temperature	°F	NA	NA	NR	NA	------	Weekly	Grab	MOR	
Turbidity	NTU	NA	NA	NR	NA	------	Weekly	Grab	MOR	

TABLE A – CONDITIONS

Footnotes:

[1] The discharge shall not exceed an average monthly 30 mg/l or a maximum daily 50 mg/l.

[2] The permittee shall record and report on the monthly operating report the minimum, maximum and total flow for each day of discharge and the average daily flow for each sampling month. The permittee shall report, on the discharge monitoring report, the average daily flow and maximum daily flow for each sampling month.

[3] The instantaneous limits in this column are maximum limits.

Remarks:

(A) The use of chlorine for disinfection shall be discontinued from November 1st through March 31st except that chlorination equipment may be started and tested no earlier than March 15th, and any residual chlorine tablets may be used up until, but no later than, November 15th. During these times in March and November the total residual chlorine of the effluent shall not be greater than 1.5 mg/l, as an instantaneous limit, and 1.5 mg/l, as a maximum daily limit. The analytical results shall be reported on the MOR for the months of March and November.

(B) The geometric mean of the Escherichia coli bacteria values for the effluent samples collected in a period of a calendar month shall not exceed 126 per 100 milliliters.

(C) The Average Weekly discharge limitation for BOD_5 and Total Suspended Solids shall be 1.5 times the Average Monthly Limit listed above.

TABLE C

Discharge Serial Number (DSN): **001-1**					Monitoring Location: T	
Wastewater Description: **Sanitary Sewage**						
Monitoring Location Description: **Final Effluent [prior to Chlorination (if no dechlor)] [Final Effluent prior to chlorination (before completion of UV or dechlorination facilities)] [Final Effluent (after completion of UV or dechlorination facilities)]**						
Allocated Zone of Influence (ZOI): **14.65cfs**			In-stream Waste Concentration (IWC): **1%**			
PARAMETER	**Units**	**Maximum Daily Limit**	**Sampling Frequency**	**Sample Type**	**Reporting form**	**Minimum Level Analysis See Section 6**
Aluminum, Total	mg/l	------	Semi-	Composite	ATMR/DMR	
Antimony, Total	mg/l	------	Semi-	Composite	ATMR/DMR	
NOAEL Static 48Hr Acute D. Pulex[1]	% survival	------	Semi-Annual	Composite	ATMR/DMR	
NOAEL Static 48Hr Acute Pimephales[1]	% survival	------	Semi-Annual	Composite	ATMR/DMR	
Arsenic, Total	mg/l	------	Semi-	Composite	ATMR/DMR	*
Beryllium, Total	mg/l	------	Semi-	Composite	ATMR/DMR	
BOD_5	mg/l	------	Semi-	Composite	ATMR/DMR	
Cadmium, Total	mg/l	------	Semi-	Composite	ATMR/DMR	
Chromium, Hexavalent	mg/l	------	Semi-	Composite	ATMR/DMR	
Chromium, Total	mg/l	------	Semi-	Composite	ATMR/DMR	
Chlorine, Total Residual	mg/l	------	Semi-	Composite	ATMR/DMR	
Copper, Total	mg/l	------	Semi-	Composite	ATMR/DMR	
Cyanide, Amenable	mg/l	------	Semi-	Composite	ATMR/DMR	
Cyanide, Total	mg/l	------	Semi-	Composite	ATMR/DMR	
Iron, Total	mg/l	------	Semi-	Composite	ATMR/DMR	
Lead, Total	mg/l	------	Semi-	Composite	ATMR/DMR	
Mercury, Total	mg/l	------	Semi-	Composite	ATMR/DMR	*
Nickel, Total	mg/l	------	Semi-	Composite	ATMR/DMR	
Nitrogen, Ammonia (total as N)	mg/l	------	Semi-	Composite	ATMR/DMR	
Nitrogen, Nitrate, (total as N)	mg/l	------	Semi-	Composite	ATMR/DMR	
Nitrogen, Nitrite, (total as N)	mg/l	------	Semi-	Composite	ATMR/DMR	
Phosphorus, Total	mg/l	------	Semi-	Composite	ATMR/DMR	
Phenols, Total	mg/l	------	Semi-	Composite	ATMR/DMR	
Selenium, Total	mg/l	------	Semi-	Composite	ATMR/DMR	
Silver, Total	mg/l	------	Semi-	Composite	ATMR/DMR	
Suspended Solids, Total	mg/l	------	Semi-	Composite	ATMR/DMR	
Thallium, Total	mg/l	------	Semi-	Composite	ATMR/DMR	
Zinc, Total	mg/l	------	Semi-	Composite	ATMR/DMR	

TABLE C - CONDITIONS

Remarks: [1]The results of the Toxicity Tests are recorded in % survival. The permittee shall report % survival on the DMR based on criteria in Section 6(B) of this permit.

ATMR – Aquatic Toxicity Monitoring Report

TABLE D

Discharge Serial Number: **001-1**	Monitoring Location: **G**
Wastewater Description: **Sanitary Sewage**	
Monitoring Location Description: **Influent**	

PARAMETER	Units	DMR REPORTING FORMAT	FLOW/TIME BASED MONITORING		INSTANTANEOUS MONITORING		REPORTING FORM
			Sample Frequency	Sample Type	Sample Frequency	Sample Type	
Biochemical Oxygen Demand (5 day)	mg/l	Monthly average	Bi-Weekly	Composite	NA	NA	DMR/MOR
pH	S.U.		NA	NA	Weekly	Grab	MOR
Solids, Total Suspended	mg/l	Monthly average	Bi-Weekly	Composite	NA	NA	DMR/MOR
Temperature	°F		NA	NA	Weekly	Grab	MOR