

**JOHN KARELL, JR., P.E.**  
**121 CUSHMAN ROAD**  
**PATTERSON, NEW YORK, 12563**  
**845-878-7894 FAX 845 878 4939**  
[jack4911@yahoo.com](mailto:jack4911@yahoo.com)

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June 24, 2019

**RESPONSE TO COMMENTS: MAFFEI, 57 MILLTOWN ROAD, SOUTHEAST (T):  
TM # 57.-1-21**

**Joseph Dillon, P.E., Nathan Jacobson Associates, dated June 5, 2019**

1. The basin has been located to be outside of the 100-foot well radii of the surrounding properties.
2. Two additional deep hole and percolation tests were performed in the vicinity of the basin. Since no groundwater or ledge rock was encountered to a depth of 8-feet, the proposed basin has been revised from a pocket pond to an infiltration basin, which has been designed to store and control the runoff from all storms up to and including the 25-year storm, as well as bypass the flows for storms of greater intensity.
3. Drawing sheet S-3 "Stormwater Management Area Plan" has been added to the plan set which includes enlarged areas of both the Infiltration Basin and Bioretention Area.
4. Full size watershed maps will be provided in the updated SWPPP report.
5. Drawing sheet S-2 "Site Plan" has been included in the plan set at a scale of 1"=50'. The original site plan has been revised to be S-1 "Overall Site Plan" and the septic plan has been revised to be S-4 "SSTS Plan".

**Laurie Machung, Wetland Program Supervisor, NYCDEP dated June 13, 2019:**

1. Permeable Pavement detail was previously included on detail sheet D-1 of the plan set.
2. We originally proposed a pipe but are using a "dip" to avoid an IRSP approval from the DEP. The justification is that this area of the driveway has a very small drainage area discharging to the driveway and does not need a pipe
3. With the previously proposed pocket pond revised to be an infiltration basin, the proposed level spreader was reduced to be 25-feet in length. Therefore this comment no longer applies.
4. The proposed level spreader includes a concrete lip, as required. A detail of the level spreader was previously included on detail sheet D-2, which shows the required concrete lip.
5. Two additional deep hole and percolation tests were performed in the vicinity of the basin. Since no groundwater or ledge rock was encountered to a depth of 8-feet, the proposed basin has been revised from a pocket pond to an infiltration basin, which has been designed to store and control the runoff from all storms up to and including the 25- year storm, as well as bypass the flows for storms of greater intensity.

**Stephen Coleman dated June 6, 2019**

**1.-5. Comments noted**

- 6.a. Comment noted. Split rail fence indicated by note on the plan.**
- b. A note has been added to the plan indicating wetland buffer to be mowed only twice per year.**
- c. Notes have been added and the locations of the plantings shown.**
- d. The existing dense vegetation will be left in place to serve as the filter strip. Preparing a seed bed will cause addition disturbance which is deemed unnecessary.**
- e. Noted. See response to comment c above.**
- f. Notes have been added to the plans which contain the amount of disturbance within the wetland and wetland buffer areas along with the area of mitigation, for comparison purposes.**
- g. The area between the now infiltration area (pond) is presently densely vegetated and the pond is elevation wise above the improved areas on the adjacent parcels. Therefore infiltration area will not be visible from the improved areas on the adjacent parcels. It is not felt that additional screening will be necessary.**
- h. Solar panels are no longer proposed.**
- i. A three year wetland buffer monitoring and maintenance plan is provided on the plans.**



**Environmental  
Protection**

**Vincent Saplenza, P.E.**  
Commissioner

**Paul V. Rush, P.E.**  
Deputy Commissioner  
Bureau of Water Supply  
[prush@dep.nyc.gov](mailto:prush@dep.nyc.gov)

465 Columbus Avenue  
Valhalla, New York 10595  
T: (845) 340-7800  
F: (845) 334-7175

June 13, 2019

**Christopher Lang**  
NYS Department of Environmental Conservation  
Division of Environmental Permits, Region 3  
21 South Putt Corners Road  
New Paltz, NY 12561-1620

**Facility: Maffei Property**  
57 Milltown Road, Southeast, NY  
Application ID: 3-3730-00393/00001  
Permit: Article 24 Freshwater Wetlands

Dear Mr. Lang:

The New York City Department of Environmental Protection (DEP) received the above referenced application to the New York State Department of Environmental Conservation (NYSDEC) seeking authorization to modify portions of Freshwater Wetland (FWW) BR-40 (Class 2) and its 100-foot adjacent area (AA) associated with the construction of a driveway and the placement of a 50-foot level spreader. The project is located in the East Branch Reservoir Basin of the NYC Water Supply Watershed.

Proposed disturbances include 1,240 (0.03 acres) to FWW BR-40 for the driveway construction and 11,600 (0.27 acres) square feet to the AA for the remainder of the driveway and the placement of a 50-foot level.

Conclusions and Recommendations:

- The driveway is labeled as "permeable pavement". Provide DEP with a detail and plan view of this pavement type to verify the driveway is pervious. This project may require an Individual Residential Stormwater Permit (IRSP) if the driveway surface is impervious.
- The proposed driveway appears to cross the wetland using a dip in the road with no pipe. This may cause some erosion issues especially if the roadway is created from Item 4 and gravel. The applicant should consider crossing the wetland using a pipe or similar construction method. Additionally, if a pipe is used to cross the wetland, this action will require a Crossing Piping Diversion Permit (CPDP) unless the action is permitted by another agency.

- The Overall Site Plan shows as 50-foot level spreader and as per the NYS Standards and Specifications for Erosion and Sediment Control, the length of the level spreaders may not exceed 30' if the flow is entering from one end. Longer lengths require flow to split evenly from the center of the spreader.
- As per the NYS Standards and Specifications for Erosion and Sediment Control, it is recommended that a concrete lip be used in the design for the level spreader to address settling issues associated with riprap level spreaders.
- The plan shows the placement of a pocket pond (P-5) practice, which is not permitted in phosphorous restricted watersheds as per the New York State Stormwater Management

Thank you for providing DEP with the opportunity to comment on the proposal. If you have any questions regarding these comments, please feel free to contact me at (845) 340-7849.

Sincerely,



Laurie Machung  
Wetlands Program Supervisor

Cc: Michael Usai, DEP  
Daniel Shedlo, DEP  
Jean Marc Roche, DEP  
Jason Coppola, DEP  
Maria Tupper-Goebel, DEP



**PUTNAM COUNTY DEPARTMENT OF HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH SERVICES**

**DESIGN DATA SHEET – SUBSURFACE SEWAGE TREATMENT SYSTEM**

Owner: MAFFEI

Address: 83 PARK AVE  
West Harrison, NY, 10601

Located at (street): S7 MILLTOWN ROAD

TM# 57-1-21

Municipality: SOUTHEAST (T)

Watershed: BOG BROOK, NYCDEP

**SOIL PERCOLATION TEST DATA**

Date of Pre-soaking: 6/18/19

Witnessed by: KARELL  
Date of Percolation Test: JUNE 6/20/19

Hole No.	Hole depth (Inches)	Run No.	Time Start - Stop		Elapse Time (min.)	Depth to water from ground surface (inches) Start - Stop		Water level drop in inches	Percolation Rate min/inch	
PA	42	1	1000	1019	19	36	39	3	6.3	
		2	1020	1040	20	36	39	1	6.7	
		3	1040	1100	20	36	39	1	6.7	
		4								
		5								
PB	42	1	1004	1022	18	36	39	3	6	
		2	1024	1044	20	36	39	1	6.7	
		3	1045	1105	20	36	39	1	6.7	
		4								
		5								
		1								
		2								
		3								
		4								
		5								

**Notes:**

- Tests to be repeated at same depth until approximately equal percolation rates are obtained at each percolation test hole. (i.e., ≤ 1 min for 1-30 min/inch, ≤ 2 min for 31-60 min/inch). All data to be submitted for review.
- Depth measurements to be made from top of hole.

**TEST PIT DATA  
DESCRIPTION OF SOILS ENCOUNTERED IN TEST HOLES**

DEPTH	HOLE # <u>DA</u>	HOLE # <u>DB</u>	HOLE # _____	HOLE # _____	HOLE # _____
G.L.	/ 4" Topsoil /	/			
0.5'					
1.0'	4"-3FT				
1.5'	SILTY				
2.0'	SANDY	same			
2.5'	LOAM	AS			
3.0'		/ DA /			
3.5'	3FT-8FT				
4.0'	SANDY				
4.5'	LOAM				
5.0'					
5.5'					
6.0'					
6.5'					
7.0'					
7.5'					
8.0'	/	/			
8.5'					
9.0'					
9.5'					
10.0'					

Indicate level at which groundwater is encountered NONE

Indicate level at which mottling is observed NONE

Indicate level to which water level rises after being encountered —

Deep hole observations made by: ISRELL Date 6/18/19

Design Professional Name: John Kavell, Jr. P.E.

Address: 121 Cushman Road  
Patterson NY 12563

Signature: \_\_\_\_\_



**Design Professional's Seal**

State of New York  
County of Putnam

I, **DON HALL**

being duly sworn, says that the attached legal notice was published in the PUTNAM COUNTY PRESS newspaper in the Town of Carmel, in said County of Putnam for 1

weeks commencing on 5-29-2019

and ending same

Don Hall

Sworn to before me, this 29<sup>th</sup>

day of May 2018

Albert M. Osten

ALBERT M. OSTEN  
HENRY PUBLIC, STATE OF NEW YORK  
QUALIFIED IN BUTCHERS COUNTY  
#24-824078D  
COMMISSION EXPIRES

6/15/2019

PUBLIC NOTICE

**Southeast**

New York State Department  
of Environmental Conservation --  
Notice of Complete Application

Date: 05/21/2019

Applicant: JOHN MAFFEI  
Facility: MAFFEI PROP-

ERTY

57 MILLTOWN RD  
BREWSTER, NY 10509

Application ID: 3-3730-  
00393/00001

Permits(s) Applied for: 1  
-Article 24 Freshwater Wetlands  
Project is located: in SOUTH-  
EAST in PUTNAM COUNTY

Project Description: The applicant proposes disturbance to Freshwater Wetland BR-40 (Class II) and its 100-foot adjacent area associated with the construction of a driveway and storm water management structure for a new single-family residence. The residence and septic system to be constructed are located outside the wetland and adjacent area, with only portions of the driveway and a 50-foot level spreader to be located within regulated areas. The proposed project would disturb 1,240 square feet of the wetland, and 11,600 square feet of the 100-foot adjacent area. The entire driveway would be a pervious surface and has been routed so as to minimize physical disturbances to regulated areas.

Availability of Application Documents:

Filed application documents, and Department draft permits where applicable, are available for inspection during normal business hours at the address of the contact person. To ensure timely service at the time of inspection, it is recommended that an appointment be made with the contact person.

State Environmental Quality Review (SEQR) Determination

Project is not subject to SEQR because it is a Type II action.

SEQR Read Agency None Designated

State Historic Preservation Act (SHPA) Determination

The proposed activity is not subject to review in accordance with SHPA. The application type is exempt and/or the project involves the continuation of an existing operational activity.

Availability For Public Comment

Comments on this project must be submitted in writing to the Contact Person no later than 06/13/2019 or 15 days after the publication date of this notice, whichever is later.

Contact Person  
CHRISTOPHER LANG  
NYSDEC

21 S Putt Corners Rd  
New Paltz, NY 12561  
(845) 256-3096

CC List for Complete Notice

DEC Region 3 Bureau of  
Ecosystem Health

John Karrell

Laurie Machung, NYC DEP

Brian Orzel, US Army Corps

of Engineers

Town of Southeast

ENB