



**FARMINGTON WATER POLLUTION CONTROL AUTHORITY  
Meeting Minutes  
Wednesday, May 13th, 2020  
Online Meeting (Covid-19)**

**A. PUBLIC HEARINGS**

None

**B. REGULAR MEETING**

Chairman Peter Bagdigian called the online meeting to order at 7:04 p.m. on Wednesday May 13th, 2020.

**Members Present:** Chairman Peter Bagdigian, Vice Chairman James Foote, Kevin Ray, Jennifer Wynn, Philip Cordeiro.

**WPCF Staff Present:** Mark Batorski, WPCF Superintendent, Russell M Arnold, Jr., P.E. Public Works Director/Town Engineer.

**Also Attending:** Joe Capodiferro, Council Liaison, Larry Baril, P.E. Avon Town Engineer, Mark Zizzamia, 49 Hurdle Fence Drive Avon Owner, & Eric Johansen, AWPCA Chairman.

**C. ACCEPTANCE OF MINUTES**

**Motion:** To accept the minutes of the Wednesday April 8<sup>th</sup>, 2020 Meeting.

Upon a motion duly made and seconded (Foote/Ray) the Authority

Voted: To accept the minutes of the Wednesday April 8th, 2020 Meeting.

**Motion Passed**

#### **D. ORAL PETITIONS – PUBLIC COMMENTS**

None

#### **E. COMMUNICATIONS / REPORTS**

1. WPCF Monthly Operating Report Summary April 2020. Mark Batorski informed the authority that operations met all regulatory requirements. (See Attached)

#### **F. DIRECTOR OF PUBLIC WORKS / PROJECT ENGINEER'S REPORT**

1. Current reported dated April 2020 – Mark Batorski WPCF Superintendent briefed the Authority on the following projects:

##### **Private Sewer Construction**

1. **Yorkshire Condominiums**  
Developers Sewer Permit Agreement for Phase 2 and payment has been received. Work continues as necessary.
2. **Sachem Court- Formerly Maied Manor – New Britain Avenue**  
Developers Sewer Permit Agreement and payment has been received. Work has been completed, home construction to commence soon.

##### **Public Sewer Construction & Repair**

1. **Steven Circle**  
Installation has been completed, awaiting installation of inverts and air test. Owner is currently awaiting completion and acceptance of Bridgehampton Sewer before they can construct and connect any homes.
2. **Bridgehampton – Final Phase**  
Sewer has been installed, awaiting final testing and approval.

##### **Sewer Pump Station Construction and Repairs**

###### **A. Centerbrook Pump Station**

1. On April 2<sup>nd</sup>, 2020 operators responded to the Centerbrook Pump Station for a pump #1 failure alarm. Upon pulling and inspecting the pump, operators verified there was no debris in the pump. Operators were able to reset the pump and are monitoring the performance.

###### **B. Devonwood Pump Station**

1. On April 3<sup>rd</sup>, 2020 plant operators pulled pump #2 at the Devonwood pump station. Upon inspecting the pump, operators

found rags inside the pump and were able to clear it. After reinstalling the pump, operating amps were normal.

**C. Batterson Park Pump Station**

1. On April 24th, 2020 operators worked with Baltazar at the Batterson Park Pump Station in order to install a new force main section. This section allows the force main to go around the new manholes.

**Pump Station Control and Radio Communication Systems**

1. On April 3rd, 2020 plant operators began preparing the Tunxis Pump Station for the new Motorola panel and I & C upgrades, work is ongoing.
2. On April 24th, 2020 Baltazar's subcontractor began installing the new section of the force main along with plant personnel.
3. On April 24<sup>th</sup>, 2020, operators jetted the mainline in front of 56 Tunxis Village as a courtesy for a backed up lateral.
4. Devonwood and South Road pump stations had new Motorola's installed, staff and NorcomCT are currently working on the remaining stations.

**WPCF Repairs and Upgrades**

1. On April 2nd, 2020 plant personnel cleaned and greased the odor control screens and units.
2. On April 4th, 2020 primary pump #1 failed on low suction pressure. The new gear drives (currently installed and tested) at the end of April will help to alleviate these issues.
3. On April 4th, 2020, operators received a high temperature shutdown for Blower #2. Atlas Copco is currently working on and troubleshooting these issues.
4. On April 8th, 2020 Atlas Copco was onsite in order to troubleshoot the oil temperature failures. Atlas Copco decreased the oil pressure by 15% in order to drop oil temperatures. Plant operators and Atlas Copco are monitoring these adjustments.
5. On April 9th, 2020 Plant operators cleaned rags from the check valves on primary pump #1 & #2.
6. On April 9<sup>th</sup>, 2020 Plant operators greased the inlet and discharge end bearings on the dewatering presses.
7. On April 12<sup>th</sup> and 13<sup>th</sup>, 2020, Blower #3 and Blower #1 tripped out on high oil temperature respectively. (Atlas Copco troubleshooting issues).

**CT DEEP Updates**

1. The New Farmington WPCF NPDES Permit #0100218 went into effect September 1<sup>st</sup>, 2019.

2. The CT DEEP has renewed The General Permit for Nitrogen Discharges, effective January 1, 2019 through December 31, 2023. The General Permit limits will remain the same as the current permit.
3. WPCF staff attended training for use of the online reporting system of sewer bypasses, effluent noncompliance, and equipment failures.
4. The annual EPA Biosolids Report for the WPCF has been submitted.

### **Plant Upgrade**

1. On April 20th, 2020 Blower #1 and Blower #2 failed on a VFD short circuit. Upon investigation it was noted that this short circuit was not in the blower or control panel put in the VFD itself. Schneider electric is working remotely with our electrical in order to troubleshoot this ongoing issue. Revere programming is scheduled to be on site next month (May) in order to streamline PLC programming issues. NIC Systems will be taking over the PLC program/Logic so we have local support and programming. Atlas Copco will also be onsite in order to troubleshoot the high temperature alarms.
2. On April 22<sup>nd</sup>, 2020, the screenings grinder auger in the headworks building failed. Upon a full disassembly and inspection, the driveshaft assembly (hex) wore down, causing inconsistent starting in forward and reverse. Plant staff and the electrician were able to wire the bar racks off timers in order to bypass the screenings auger and grinder. Operators were able to make a full repair within 48 hours and parts were received for 50% cost. Plant maintenance is currently fabricating critical spares to have onsite.
3. On April 29<sup>th</sup>, 2020, the new gear reducers (4) for the primary sludge pumps were completed on all 4 primary pumps. This increased gear ratio will help overcome the initial startup inertia while reducing amps and meeting operating parameters.
4. New record books were put into use to track maintenance and critical parts.
5. JKB Consulting finalized the SWPPP in January 2020. This new permit is in affect and includes (weekly, monthly, and quarterly inspections) and semi-annual sampling and toxicity testing.

### **Inter-Town Sewer Use Agreements**

1. The Avon flow meter was calibrated by the manufacturer's representative in September 2019 with staff from both towns present.

### **WPCF Safety Initiatives**

1. Dean Jendsen from CPI Northeast has retired and is no longer providing services for the Town of Farmington. A request for proposal for OSHA

consulting services was posted and the town is currently looking at several companies.

G. NEW BUSINESS

H. BATTERSON PARK UPGRADE

I. UNFINISHED BUSINESS

J. PUBLIC CORRESPONDENCE

1. WPCA directed Russ Arnold to work up agreement to initiate agreement and process a connection from the Simsbury Water Shed to the Farmington Water Shed. (See Attached)

K. ANY OTHER BUSINESS THAT MAY COME BEFORE THE AUTHORITY

L. ADJOURNMENT

**Motion:** To adjourn the May 13th, 2020 WPCA Online Meeting

Upon a motion duly made and seconded (Foote/Ray) the Authority voted unanimously.

**Voted:** To adjourn at 7:38 p.m.

**Motion Passed**

Respectfully submitted,

Mark Batorski, Superintendent  
Water Pollution Control Facility

cc.

WPCA Members, email  
Town Council Members, email  
Kathy Blonski, email  
Russ Arnold, email  
Joe Swetcky, email  
Bruce Cyr, email  
Devon Aldave, email  
Tax Collector, email  
Town Clerk, email  
Everbridge



# WPCF SUMMARY REPORT APRIL 2020

	MIN.	MAX.	AVG.
FLOW (MILLION GALLONS PER DAY)	3.6	5.4	4.4
BIO-CHEMICAL OXYGEN DEMAND (mg/L)	INF.	EFF.	Removal Efficiency
	349	5.2	98.5%
SUSPENDED SOLIDS (mg/L)	INF.	EFF.	Removal Efficiency
	512	7.6	98.5%
EFFLUENT AMMONIA (NH3-N) (mg/L)		EFF.	Permit Limit: N/A*
		0.24	
TOTAL NITROGEN REMOVAL (Lbs/Day)	INF.	EFF.	Removal Efficiency
	976.3	269.5	72.40%
TOTAL EFFLUENT NITROGEN (Lbs/Day)		EFF.	Permit Limit: 178 Lbs/Day
		269.5	91.5 Lbs over limit
TOTAL PHOSPHOROUS (Lbs/Day)	INF.	EFF.	Permit Limit: 70.11 lbs
	129.13	47.62	
TOTAL EFFLUENT PHOSPHOROUS (mg/L)		EFF.	Permit Limit: 2.79 mg/L
		1.41	
BIOSOLIDS (Lbs)	AVG % Solid	Daily	Monthly Total
	20.65%	5,216	109,536
E.coli (Geometric mean)		EFF.	Permit Limit: 126 colonies/100mL
		5.7	

N/A\* - Monitoring not required during this period



# TOWN OF AVON

60 West Main St. Avon, CT 06001-3743  
www.town.avon.ct.us

**POLICE, FIRE & MEDICAL  
EMERGENCY - 911**

**TOWN MANAGER'S OFFICE**  
Tel. (860) 409-4300  
Fax (860) 409-4368

**ASST. to the TOWN MANAGER**  
Tel. (860) 409-4377  
Fax (860) 409-4368

**ACCOUNTING**  
Tel. (860) 409-4339  
Fax (860) 677-2847

**ASSESSOR'S OFFICE**  
Tel. (860) 409-4335  
Fax (860) 409-4366

**BUILDING DEPARTMENT**  
Tel. (860) 409-4316  
Fax (860) 409-4321

**COLLECTOR OF REVENUE**  
Tel. (860) 409-4306  
Fax (860) 677-8428

**ENGINEERING DEPARTMENT**  
Tel. (860) 409-4322  
Fax (860) 409-4364

**FINANCE DEPARTMENT**  
Tel. (860) 409-4346  
Fax (860) 409-4366

**FIRE MARSHAL**  
Tel. (860) 409-4319  
Fax (860) 409-4321

**HUMAN RESOURCES**  
Tel. (860) 409-4303  
Fax (860) 409-4366

**LANDFILL**  
281 Huckleberry Hill Rd.  
Tel. (860) 673-3677

**PLANNING & ZONING**  
Tel. (860) 409-4328  
Fax (860) 409-4375

**POLICE DEPARTMENT**  
Tel. (860) 409-4200  
Fax (860) 409-4206

**PROBATE**  
Tel. (860) 409-4348  
Fax (860) 409-4368

**PUBLIC LIBRARY**  
281 Country Club Road  
Tel. (860) 673-9712  
Fax (860) 675-6364

**PUBLIC WORKS**  
11 Arch Road  
Tel. (860) 673-6151  
Fax (860) 673-0338

**RECREATION AND PARKS**  
Tel. (860) 409-4332  
Fax (860) 409-4334  
Cancellation (860) 409-4365

**REGISTRAR OF VOTERS**  
Tel. (860) 409-4350  
Fax (860) 409-4368

**SOCIAL SERVICES**  
Tel. (860) 409-4346  
Fax (860) 409-4366

**TOWN CLERK**  
Tel. (860) 409-4310  
Fax (860) 677-8428

**TDD-HEARING IMPAIRED**  
Tel. (860) 409-4361

April 27, 2020

Town of Farmington WPCA  
1 Monteith Drive  
Farmington, CT 06032

Re: Resident connection - Farmington Sewer Shed

Dear Chairman Bagdigian,

An Avon resident whose property is located within Avon's Simsbury sewer shed, is experiencing septic system failure. The neighborhood that the property is within is not currently sewered, however the residence can connect to public sewer via an adjacent street within Avon's Farmington sewer shed. The resident has sought approval from Avon to allow for a sewer connection by means of the adjacent street. We have included a map showing the property configuration.

The Avon Water Pollution Control Authority (AWPCA) is in favor of granting approval for the connection with several conditions:

1. All Avon Water Pollution Control Authority connection requirements must be met.
2. The connection, considered temporary, would remain in place until public sewer installation within resident's neighborhood. At such time, the interim connection to Farmington sewer shed would be terminated and property connected to new sewer within Simsbury sewer shed.
3. The Farmington Water Pollution Control Authority must approve the temporary connection.

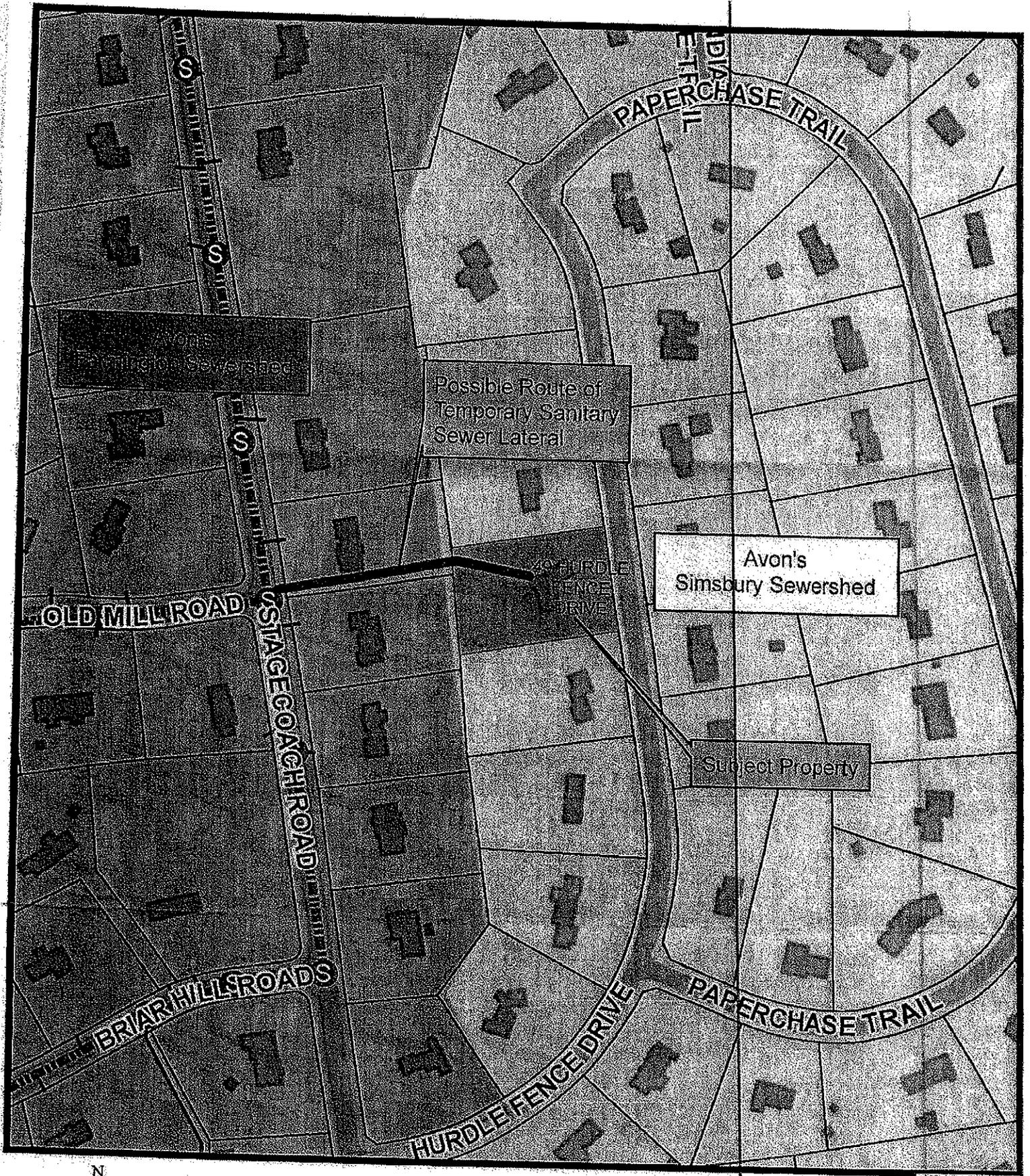
Dianne Harding of the Farmington Valley Health District has formally endorsed the request on the owner's behalf. I have included a copy of related correspondence for your reference.

The AWPCA has requested I seek approval from Farmington Water Pollution Control Authority prior to their connection ruling. Should you have any questions or concerns, please feel free to contact me at: 860.409.4378.

Very truly yours,

Lawrence Baril, P.E., GISP  
Avon Town Engineer

CC: Brandon Robertson  
AWPCA members  
Russell M Arnold, P.E.



**Possible Temporary Sanitary Sewer Connection  
 49 Hurdle Fence Drive  
 April, 2020**

