

**JAMES DRIVE
SEWER
TREATMENT
PLANT**

August 12, 2021

SCOTT HECK
BOROUGH MANAGER, DIRECTOR OF PUBLIC WORKS
SHECK@RINGWOODNJ.NET
973-475-7101

DEBBIE BUCHANAN
CFO
DBUCHANAN@RINGWOODNJ.NET
973-475-7111

BRIEF HISTORY OF THE TREATMENT PLANT

- Built in 1967
- Significant upgrades in 1988
- Installed new air header and valves the entire length of the plant
- Replaced all aeration basin diffusers
- Replaced failed lift station pumps
- Replaced grinder pumps
- Replaced dosing tank pumps
- Replaced chemical pumps multiple times
- Repaired clarifier
- Installed new flow meter and piping
- Replaced UV system
- Installed new gas service to the building
- Installed new gas generator
- Replaced pump controls and re-wired
- Cleaned sludge tank and aeration basins (multiple times)
- Unclogged piping from lift station

EPA CORRESPONDENCE



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

Dear Permittee:

I hope this letter finds you, your family and your colleagues all doing well during these difficult times. Attached please find a formal notice from my office addressing concerns with the operation of your wastewater treatment system.

Please know that as part of our mission, we are obliged to provide this notice to move your community in a direction that ensures your system is operating in a manner consistent with state discharge limits to meet the goal of being protective of public health and the environment.

With that said, we are also asking you to help us understand why your system is not meeting the discharge standards, so we can better understand how EPA and our state partners can assist in helping you improve the situation. We understand that the current situation due to the pandemic may add additional challenges to compliance due to various factors including staffing impacts. We invite you to explain any issues you are currently experiencing.

Thank you for your kind attention to this matter. We look forward to your response as outlined in the attached notice of significant non-compliance. If you have any questions, or if there is anything we can help you with, please let me know.

Sincerely,

Walter Mugdan

Walter Mugdan
Acting Regional Administrator

Enclosure

Internet Address (URL): <http://www.epa.gov>

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 REGION 2
 290 BROADWAY
 NEW YORK, NY 10007-1868

January 28, 2021

Via Electronic Mail To: SHECK@RINGWOODNJ.NET

Mr. Scott Heck, Director of Public Works
 Ringwood Boro
 60 Margaret King Ave
 Ringwood, NJ 07456

**Re: Notice of Significant Non-Compliance
 Ringwood Acres Treatment Plant
 NJPDES Tracking ID No. NJ0027006**

Dear Mr. Heck:

I hope this letter finds you, your family and your colleagues all doing well. Based on data reported to the Environmental Protection Agency (EPA) and reflected in the EPA's national data system, your facility is currently in **Significant Non-Compliance (SNC)** due to the following exceedance(s) of the effluent limit(s) in your New Jersey Department of Environmental Protection (NJDEP) New Jersey Pollutant Discharge Elimination System (NJPDES) permit, NJ0027006:

Violation Date(s)	Outfall(s)	Parameter(s)
4/2020	001-A	Phosphorus, total (as P)
6/2020	001-A	Phosphorus, total (as P)
7/2020	001-A	Phosphorus, total (as P); Copper, total recoverable
8/2020	001-A	Copper, total recoverable
9/2020	001-A	Phosphorus, total (as P); Copper, total recoverable
10/2020	001-A	Copper, total recoverable

This notice is strictly addressing SNC effluent violation reporting over the last two (2) quarters and may not include all schedule or other effluent violations.

As one of the Agency's National Compliance Initiatives, the EPA is currently working with all state programs, including the NJDEP, to reduce the number of facilities in SNC. Our first step in this process as it relates to your facility is to make sure you are aware of your violations and to ask for explanations of why the violations are occurring and what you are doing to correct the violations and return to compliance with your permit. For additional information on SNC, please see:

<https://www.epa.gov/enforcement/memorandum-revision-npdes-significant-noncompliance-snc-criteria-address-violations-non> or <https://echo.epa.gov/resources/general-info/echo-faq>.

Internet Address (URL) - <http://www.epa.gov>

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Therefore, we are asking you to respond to the EPA in writing within thirty (30) days, describing the cause(s) of the violations, as well as the actions you have taken or will take to address the violations. However, we understand if you need more time, just let us know. Pursuant to N.J.A.C. 7:14A-6.10, you may have provided a report of non-compliance to NJDEP, which you may use as a guide for your response with additional details or updates appended.

Please submit your response to me electronically at mekenna.douglas@epa.gov with a copy to lantner.murray@epa.gov. Please also submit a copy of your response to this letter to the NJDEP Regional Office (Don Hirsch, Bureau Chief, Northern Bureau of Water Compliance and Enforcement, at Don.Hirsch@dep.nj.gov). If you believe the data was reported in error, please provide an appropriate amendment to your Discharge Monitoring Report (DMR).

Please also note that this is a separate initiative by EPA in working with state programs to address SNC. Your response to this notice does not relieve you of any requirements established by NJDEP or your permit, and you must continue to comply with these requirements. If you have been working with NJDEP to address these violations, please continue to do so, or you may wish to re-evaluate your previous response. NJDEP may take separate compliance or enforcement action regarding these violations or USEPA may take further action in consultation with NJDEP.

We understand that the current situation due to the pandemic may add additional challenges to compliance due to various factors including staffing impacts. We welcome you to explain any issues you are currently experiencing; but know that our focus is on past violations.

Should you have any questions concerning this letter, please contact NJDEP, or feel free to contact Mr. Murray Lantner of my staff at (212) 637-3976 or lantner.murray@epa.gov. If you would like to review your facility's compliance history in EPA's data system you can enter and search with your permit number at: <https://echo.epa.gov>. I wish you the best during these difficult times, and if there is anything you feel we can help you with, please let us know.

Sincerely,



Douglas McKenna, Chief
Water Compliance Branch

DOUGHLAS MCKENNA
Digitally signed by
DOUGHLAS MCKENNA
Date: 2021.01.28
16:41:21 -05'00'

cc (via email):

Richard T. Paull, Director, NJDEP Division of Water and Land Use Enforcement
Donald Hirsch, Bureau Chief, Northern Bureau of Water Compliance and Enforcement
Gregory White (gw@wvtsu.com)

BOROUGH'S RESPONSE LETTER



BOROUGH OF RINGWOOD

www.ringwoodnj.net

Phone: (973) 962-7037 Fax: (973) 962-6028

Scott Heck, C.P.W.M.
Borough Manager/Director of Public Works
(973) 475-7101

Nicole Langenmayr, RMC
Borough Clerk
(973) 475-7102

Linda Schaefer
Mayor

Michael McCracken
Deputy Mayor

Council Members
Ryan Bolton
Robert A. Ferretti
Jamie Matteo-Landis
Kathleen O'Keefe
John M. Speer

February 10, 2021

Mr. Douglas McKenna, Chief
Water Compliance Branch
United States Environmental Protection Agency
Region 2
290 Broadway
New York, NY 10007-1866

Re: Notice of Significant Non-Compliance
Ringwood Acres Treatment Plant
NJPDES Permit No. NJ0027006
Borough of Ringwood, Passaic County, NJ

Dear Mr. McKenna:

Enclosed please find letter to Scott Heck, Borough Manager, dated February 10, 2021 from Langan Engineering and Environmental Services, Inc. with regard to the above referenced matter.

If you require any further information, please feel free to contact me.

Regards,


Scott M. Heck, C.P.W.M.
Borough Manager/Director of Public Works

Via Electronic Mail to:

Mckenna.douglas@epa.gov
Langan.murray@epa.gov
Don.Hirsch@dep.nj.gov
Rich.Paul@dep.nj.gov
glumant@langan.com
rrainy@langan.com
mmeder@charmaneg.com
blarrell@charmaneg.com
jyuhis@ringwoodnj.com

ENGINEER'S RESPONSE LETTER

LANGAN

Technical Excellence
Practical Experience
Client Responsiveness

10 February 2021

Scott Heck
Borough Manager
Borough of Ringwood
60 Margaret King Ave
Ringwood, NJ 07456

**Re: USEPA Notice of Significant Non-Compliance
Ringwood Acres Treatment Plant (NJPDES Permit No.
NJ0027006)
Borough of Ringwood, Passaic County, NJ
Langan Project No.: 100687600**

Dear M. Heck:

In reference to the United States Environmental Protection Agency notice of Significant Non-Compliance notification letter, dated 28 January 2021, please find below the summary of the copper and phosphorus sampling results and NJPDES permit limit violations for 2020 for the Ringwood Acres Treatment Plant (WWTF) followed by Langan's response to the permit limit violations noted in the aforementioned letter.

Month	Cu (ug/l)	Phosphorus (mg/l)
Permit Limit	7.6	0.76
Jan-20	21.50	0.52
Feb-20	13.80	0.44
Mar-20	12.60	0.36
Apr-20	10.00	0.93
May-20	13.2	0.49
Jun-20	17.6	3.35
Jul-20	19.7	2.14
Aug-20	11.7	0.52
Sep-20	10.0	1.03
Oct-20	12.9	0.51
Nov-20	10.0	0.31
Dec-20	10.0	0.28

Notes: highlighted values denote a NJPDES permit limit violation.

1. *Copper permit limit violations:* The violations are occurring because Langan has not completed the design of an upgrade to the existing WWTF to add an Ion Exchange System (IEX) to remove copper and zinc from the treated effluent. Without further delay, the IEX system will be installed downstream of the existing pressure filters and upstream of the Ultraviolet Disinfection (UV) system to eliminate violations.

300 Kimball Drive

Parsippany, NJ 07054

T: 973.560.4900

F: 973.560.4901

www.langan.com

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Abu Dhabi • Athens • Doha • Dubai • Istanbul • London • Panama

2. The following schedule is anticipated for the complete IEX system implementation:
- Final Design Documents and Permit Applications: February 2021
 - Submission to NJDEP for TWA Permit: March 2021
 - Receipt of TWA permit: June 2021
 - Out to Bid/Award of Contract: June 2021
 - Construction Period: June 2021 - July 2021
 - Commissioning and Compliance Target Date: August 2021
3. Phosphorous violations: The phosphorus violations (April 2020, June 2020, July 2020 and September 2021) as shown on the summary table in the previous page were the result of a malfunctioning alum dosing system. Based on the feedback from the Chapman Environmental Services (licensed treatment facility operator), the Alum feed system has been upgraded and adjusted to feed the appropriate amount of alum to control phosphorus in the effluent. As noted on summary table on the previous page, the WWTF has not recorded any phosphorus violations since October 2020.

If you should have any questions or require additional information, please do not hesitate to contact me at (973) 560-4988.

Sincerely,
Langan Engineering and Environmental Services, Inc.



Gerard Fitamant, PE
Associate

GPF:rr
Attachments:

cc: Scott Heck, Jeff Vukas (Borough of Ringwood)
Michael Roeder, Bob Farrell (Licensed Plant Operator, Chapman Environmental Services)
Rajeev Raina (Langan)

TREATMENT WORKS APPROVAL LETTER



State of New Jersey

Department of Environmental Protection
Division of Water Quality
Municipal Finance and Construction Element
P.O. Box 420, Mail Code 401-03D
Trenton, NJ 08625-0420
Fax: (609) 633-8165
www.nj.gov/dep/dwq

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

SHAWN M. LATOURETTE
Commissioner

07/21/2021 (by e-mail)

Borough of Ringwood
60 Margaret King Avenue
Ringwood, New Jersey 07456

Re: Treatment Works Approval No. 21-0172
Ringwood Acres Treatment Plant Upgrades
Ringwood Borough, Passaic County

Gentlemen:

There is enclosed a Treatment Works Approval issued to you pursuant to Title 58 of the Revised Statutes of New Jersey and in consideration of your application received on 05/04/2021 signed by Scott Heck, Borough Manager, and Gerard Fitamant, P.E.

This approval is valid for a period of two (2) years from the issuance date, unless otherwise stated in the attached approval document. This approval shall expire unless building, installing or modifying of the treatment works has begun within the initial approval period. Treatment works approvals may be extended beyond the original two year approval date, to a maximum period of five years from the original issuance date, in accordance with the terms and conditions contained in N.J.A.C. 7:14A-22.12. A time extension request must be received by the Department prior to the permit's expiration date. Time extension requests shall be submitted to the Bureau of Environmental, Engineering & Permitting (BEEP) at the address noted in the heading of this letter.

Within 30 days of completion of the treatment works approved herein, the permittee shall submit an executed Form WQM005 (Certification of Completion) to BEEP and to the receiving sewage treatment plant, as indicated in the Treatment Works Approval under Part II - "General Conditions for Treatment Works Approvals", Section B.

If you have any questions regarding the permit, please contact Marcus L. Roorda, P.E., Project Engineer of this office by calling (609) 984-4429.

Sincerely,

Kirit Amin, Supervisor
Bureau of Environmental, Engineering & Permitting

21-0172

Enclosure

cc: Langan Engineering & Environmental Services, Inc.
NJ Highlands Council, <judy.thornton@highlands.nj.gov>

Let's protect our world



STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
P.O. Box 402, TRENTON, NJ 08625-0402

PERMIT TO CONSTRUCT AND OPERATE* TREATMENT WORKS

**Local Agency approval required prior to operation*

The New Jersey Department of Environmental Protection grants this approval in accordance with your application, attachments accompanying same application, and applicable laws and regulation.

PERMIT NO.	ISSUANCE DATE	EXPIRATION DATE	DESIGN FLOW
21-0172	07/21/2021	07/20/2023	0.0 M.G.D.

NAME AND ADDRESS OF APPLICANT

Borough of Ringwood
60 Margaret King Avenue
Ringwood, New Jersey 07456

LOCATION OF ACTIVITY

Ringwood Borough
Passaic County

This permit grants permission to:

Construct and operate an upgrade to the Ringwood Acres Treatment Plant (see Proviso #1 under Custom Requirement) located at 7 James Drive within the Borough of Ringwood, Passaic County.

According to the plans entitled:

"UPGRADES TO THE RINGWOOD ACRES WASTEWATER TREATMENT FACILITY BLOCK No. 754, LOT No. 1 PASSAIC RINGWOOD NEW JERSEY" prepared by Langan Engineering and Environmental Services, Inc., dated April 21, 2021, unrevised, sheets 6, 7 and 9 of 10.

and according to the specifications entitled:

"UPGRADE TO THE RINGWOOD ACRES TREATMENT PLANT (NJPDES PERMIT No. NJ0027006) TECHNICAL SPECIFICATIONS" prepared by Langan Engineering and Environmental Services, Inc., undated, unrevised.

APPROVED by the Department of Environmental Protection

Kirit Amin, Supervisor
Bureau of Environmental, Engineering & Permitting

This permit is also subject to special provisos and general conditions stipulated on the attached page(s) which are agreed to by the permittee upon acceptance of the permit.

PART I

PROVISOS

A. Project Specific Provisos

1. That pursuant to N.J.A.C. 7:10A-1 et seq. an appropriate Class S4 public wastewater treatment system licensed operator will be required for your system.
2. That the permittee shall conform to all effluent and monitoring requirements stipulated in the NJPDES Permit No. NJ0027006 for this facility or any modification thereof, unless otherwise permitted by the Department.
3. That the proper operation and maintenance of the wastewater treatment system approved herein is the sole responsibility of the holder of the NJPDES Permit No. NJ0027006 regulating discharge from said system or its assignees.
4. That the approval of the design adequacy of this treatment facility to attain the required effluent limitations is based in part upon the certifications of the New Jersey Licensed Professional Engineer affixing his/her seal on the plans and specifications approved herein.
5. That the rated design capacity of the treatment facility approved herein remains at 0.036 million gallons per day.
6. That the Department's review of the facility has been limited to engineering features of significance to applicable effluent limits and/or to the protection of the environment. The full responsibility for adequate design, construction, and operation of the treatment works and the full responsibility for meeting all effluent limitations and conditions of a discharge permit shall be on the applicant.
7. That the storage and/or disposal of any sludge or residue resulting from the operation of the treatment facilities approved herein shall be in conformance with the applicable requirement and provisions of N.J.A.C. 7:14A-4 et seq. and/or N.J.A.C. 7:26-1.1 et seq.

B. Custom Requirement

1. The Borough of Ringwood is proposing to construct an Ion Exchange System and its appurtenances prior to the backwash tank and disinfection unit at the wastewater treatment plant.
2. That this permit is being issued for zero flow due to the fact that the construction approved herein will convey and/or treat existing wastewater flows.
3. That no unpermitted discharge of raw sewage and/or untreated wastewater is to occur as a result of the construction approved herein.
4. It is the applicant's responsibility to obtain all Federal, State and local approvals that may be required for this project.

GENERAL CONDITIONS FOR TREATMENT WORKS APPROVALS**Section A. GENERAL CONDITIONS**

1. This permit is revocable, or subject to modification or change, at any time, when in the judgment of the Department of Environmental Protection of the State of New Jersey such revocation, modification or change shall be necessary.
2. The issuance of this permit shall not be deemed to affect in any way action by the Department of Environmental Protection of the State of New Jersey on any future application.
3. The works, facilities, and/or activities shown by plans and/or other engineering data, which are this day approved, subject to the conditions herewith established, shall be constructed and/or executed in conformity with such plans and/or engineering data and the said conditions.
4. No change in plans or specifications shall be made except with the prior written permission of the Department of Environmental Protection of the State of New Jersey.
5. The granting of this permit shall not be construed to in any way affect the title or ownership of property, and shall not make the Department of Environmental Protection of the State a party in any suit or question of property.
6. This permit does not waive the obtaining of Federal or other State or local government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained.
7. A copy of this permit shall be kept at the work site, and shall be exhibited upon request of any person.
8. No treatment unit or conveyance system may be by-passed which would result in the discharge of untreated sewage into any of the waters of the state.
9. The full responsibility for adequate design, construction and operation of the treatment works, and the full responsibility for successful collection, treatment, and discharge of pollutants shall be on the applicant.
10. The issuance of approval by the Department shall not relieve the applicant of the continuing responsibility for the successful collection, treatment, or discharge of pollutants for the continuing compliance with any applicable effluent limitations, permits, regulations, statute, or other law.
11. Review and approval is based solely upon the information contained in the application and the contents of the engineer's report as certified by the licensed professional engineer as being in compliance with the Department's Rules and Regulations.

Section B. CONSTRUCTION COMPLETION CERTIFICATION

1. Within 30 days of completion of the treatment works approved herein, the permittee shall submit an executed WQM005 Certification of Completion, to the receiving sewage treatment plant (STP) and to the appropriate Bureau and address noted on the cover page of this approval. Failure to submit the certification within 30 days of completion of the project may be grounds for revocation of the permit. Should partial operation be required prior to completion, approval will be under local jurisdiction.
2. In cases where the project and the receiving treatment facility are one in the same, the WQM005 Certification of Completion form must be submitted to the Bureau and address noted on the cover page of this approval within 30 days of completion of the treatment works. Failure to submit the certification within this time period may be grounds for revocation of the permit.

Section C. PERMIT EXPIRATION AND EXTENSIONS OF TIME

1. This permit shall remain in force for a period of only two years from the date of approval unless stated otherwise within the special provisos, or construction of said works has begun within the approved time frame. Interruption of construction of said works for a period of more than two years may serve as a basis for permit revocation.
2. Treatment works approvals may be extended beyond the original two year approval date, to a maximum of five years from the original issuance date, in accordance with the terms and conditions in N.J.A.C. 7:14A-22.12, unless stated otherwise within the special provisos. A time extension request must be received by the Department prior to the permit's expiration date. Requests must be submitted to the Bureau and address noted on the cover page.

Section D. ADJUDICATORY HEARING REQUESTS

1. Pursuant to N.J.A.C. 7:14A-22.24 et seq., any interested person who considers himself or herself aggrieved by this action, may, within 10 days of publication of notice of the decision in the DEP Bulletin, request a hearing by addressing a written request for such hearing to the:

Office of Legal Affairs
Attention: Adjudicatory Hearing Requests
Department of Environmental Protection
P.O. Box 420, Mail Code 401-04L
Trenton, NJ 08625-0420

Such a request should include a completed Administrative Hearing Request Checklist and Tracking form for Approvals or Denials (enclosed herein for Denials). This form is required, as DEP is the transmitting agency to the Office of Administrative Law, pursuant to N.J.A.C. 1:1-8.2.

PATH FORWARD

- I hired Langan Engineering to design the upgrade to the sewer plant based upon the notice of violation.
- I met with the Finance committee of the Council over the past 2 years to put a funding plan together.
- On May 27, 2021 I presented Bond Ordinance #2021-08 (d) in the amount of \$1,425,000 to have funding in place to upgrade the sewer plant based upon the DEP requirements as well as to study and repair the ground water infiltration issue so that the remainder of the neighborhood could connect to the sewer plant. (15 addition homes)
- The Council unanimously voted to introduce the Bond Ordinance on May 27, 2021 at the Council meeting

PATH FORWARD

- The final reading of the Bond Ordinance was on June 15, 2021, at which time the Bond Ordinance did not pass as 5 votes are needed for a Municipal Bond

Council Member	Motion	Second	Ayes	Nays	Abstain	Absent
Schaefer			X			
McCracken	X		X			
Bolton				X		
Ferretti				X		
Matteo-Landis			X			
O'Keefe		X		X		
Speer			X			

Attorney Clemack stated the vote is 4 to 3, therefore the motion does not carry.

Five votes are required for a bond ordinance that means none of these projects can start.

- Currently I have no funding to complete the project and Ringwood will likely be subject to penalties and fines by the NJDEP and USEPA.
- I am trying to phase the planned projects and find alternative funding to municipal bonds that require 5 votes.

PHASE 1 PRELIMINARY COST ESTIMATE

**UPGRADE TO THE RINGWOOD ACRES WASTEWATER TREATMENT FACILITY (WWTF)
 NJPDES PERMIT NUMBER: NJ0027006
 ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST FOR WWTF UPGRADES
 BOROUGH OF RINGWOOD, NEW JERSEY
 ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST**

Last updated: 3/9/2021

ITEM UPGRADE	DESCRIPTION	UNIT	TOTAL QTY	UNIT PRICE	AMOUNT
1.	Mobilization	LS	1	\$10,000	\$10,000
2.	Demolition and Modifications	LS	1	\$25,000	\$25,000
	Remove and Replace existing 7ft high door with 10ft high double leaf door	LS	1	\$5,000	\$5,000
	Relocate existing electrical conduits	LS	1	\$10,000	\$10,000
	Removal of Existing Equipment and Diesel Fuel Tanks	LS	1	\$5,000	\$5,000
	Relocation of Existing Chemical Dosing Pumps	LS	1	\$5,000	\$5,000
3.	Pressure Filter Dosing Pumps	EA	2	\$10,000	\$20,000
4.	Electrical Improvements	LS	1	\$75,000	\$75,000
	Motor Starters				
	Disconnect Switches				
	New Breakers				
	Alarm Dialer				
	Conduits and Wiring				
5.	Ion Exchange Wastewater Treatment	LS	1	\$520,000	\$520,000
	MODIX-SIR300-3672CO-2-MVH (three units: 2 duty and one backup stored in an enclosure)				
	Bag filters (2 Units)				
	pH Adjustment Equipment				
	Ion Exchange Piping Manifold				
	Ion Exchange Resin				
	PLC and Controls Detail				
6.	Heated Enclosure and Supports for Backup Ion Exchange Tank	LS	1	\$10,000	\$10,000
7.	Startup & Testing	LS	1	\$20,000	\$20,000
SUBTOTAL					\$680,000
8.	Contingency		20%		\$138,000
ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST					\$818,000

Notes & Exclusions by Langan Engineering and Environmental Services:

1. The Ion Exchange unit costs shown include materials and installation estimates and are based on an Ion Exchange System manufactured by Adedge Water Technologies
2. The Pressure filter Dosing pump includes removal of existing pump and installation of a new pump. Modification of piping, pressure filters, valves, controls are not included in this contract.

 Gerard Fitamant, P.E.
 New Jersey License No. 24GE03570800

CALCULATION OF TWA APPLICATION REVIEW FEE

Using Category II (Projects with a construction cost exceeding \$250,000 but less than or equal to \$1,000,000)

P = 0.0044 (Per TWA Review Fee Sheet)

Fee = 4xPx(\$250,000) + 2xPx(Construction Cost - \$250,000)

TWA Review
 Fee = \$9,380.80

LANGAN

THREE YEAR BUDGET HISTORY

<u>Account Description</u>	<u>2021 Appropriations</u>
SEWER SYSTEM	0.00
SALARY CONTROL	0.00
SALARY & WAGES	0.00
OTHER EXPENSES	0.00
FACILITY REPAIR MAINTENANCE	7,000.00
PROFESSIONAL SERVICES	70,000.00
CHEMICALS	30,000.00
OPERATIONAL SUPPLIES	4,000.00
TRUSTEE/PERMIT FEES	34,000.00
ELECTRICITY	30,000.00
SEWERAGE DISPOSAL	30,000.00
LAB TESTING FEES	12,000.00
Totals	217,000.00

THREE YEAR BUDGET HISTORY

ACCOUNT DESCRIPTION	2020 APPROP	2020 ACTUAL
SEWER SYSTEM	0.00	0.00
SALARY CONTROL	0.00	0.00
SALARY & WAGES	0.00	0.00
OTHER EXPENSES	0.00	0.00
FACILITY REPAIR MAINTENANCE	7,000.00	2,682.42
PROFESSIONAL SERVICES	70,000.00	70,355.90
CHEMICALS	30,000.00	28,463.78
OPERATIONAL SUPPLIES	4,000.00	492.29
TRUSTEE/PERMIT FEES	34,000.00	32,241.30
ELECTRICITY	30,000.00	17,457.92
SEWERAGE DISPOSAL	30,000.00	27,000.00
LAB TESTING FEES	12,000.00	10,165.76
Totals	217,000.00	188,859.37

THREE YEAR BUDGET HISTORY

ACCOUNT DESCRIPTION	2019 APPROP	2019 ACTUAL
SEWER SYSTEM	0.00	0.00
SALARY CONTROL	0.00	0.00
SALARY & WAGES	0.00	0.00
OTHER EXPENSES	0.00	0.00
FACILITY REPAIR MAINTENANCE	6,000.00	8,126.75
PROFESSIONAL SERVICES	42,000.00	75,851.43
CHEMICALS	30,000.00	7,113.77
OPERATIONAL SUPPLIES	1,000.00	3,548.64
TRUSTEE/PERMIT FEES	34,000.00	7,244.36
ELECTRICITY	30,000.00	19,535.62
SEWERAGE DISPOSAL	30,000.00	28,712.50
LAB TESTING FEES	11,000.00	14,879.53
Totals	184,000.00	165,012.60

THREE YEAR BUDGET HISTORY

ACCOUNT DESCRIPTION	2018 APPROP	2018 ACTUAL
SEWER SYSTEM	0.00	0.00
SALARY CONTROL	0.00	0.00
SALARY & WAGES	0.00	0.00
OTHER EXPENSES	0.00	0.00
FACILITY REPAIR MAINTENANCE	3,000.00	12,720.20
PROFESSIONAL SERVICES	42,000.00	44,689.38
CHEMICALS	30,000.00	17,353.78
OPERATIONAL SUPPLIES	1,000.00	265.03
TRUSTEE/PERMIT FEES	34,000.00	7,246.71
ELECTRICITY	30,000.00	20,880.22
SEWERAGE DISPOSAL	27,000.00	61,797.50
LAB TESTING FEES	10,000.00	11,703.87
Totals	177,000.00	176,656.69

THREE YEAR REVENUE HISTORY

<u>Year</u>	<u>Anticipated</u>	<u>Actual</u>
2018	\$153,000.00	\$147,409.59
2019	\$147,000.00	\$156,416.73
2020	\$150,000.00	\$147,607.63
2021	\$147,000.00	\$102,014.04

as of 8/11/21

DISCUSSION ON FEES

Year	Revenue	Costs	Cost per user	Overage
2018	\$147,409.59	\$ 176,656.69	\$ 1,424.65	\$ (29,247.10)
2019	\$156,416.73	\$ 165,012.60	\$ 1,330.75	\$ (8,595.87)
2020	\$147,607.63	\$ 188,859.37	\$ 1,523.06	\$ (41,251.74)

QUESTIONS: