

**DRAFT**  
**BOROUGH OF ROOSEVELT**  
33 N. Rochdale Ave, Roosevelt Borough, NJ 08555

**COUNCIL REGULAR MEETING AGENDA**  
**MAY 15, 2023 @ 7:00 P.M.**

**TIME IN \_\_\_\_\_**

Adequate notice of this meeting, as required by Chapter 231, P.L. 1975, has been provided by a public notice on January 6, 2023 which was posted on the Bulletin Board Roosevelt Post Office and in the Borough Hall. The notice was published in The Times and Asbury Park Press.

**ROLL CALL**

Councilmember Robert Atwood  
Councilmember Louis Esakoff  
Councilmember Michael Hamilton  
Councilmember Constance Herrstrom  
Councilmember Steven Macher  
Councilmember Joseph Trammell  
Mayor Peggy Malkin

**MAYOR'S REPORT:**

**PUBLIC COMMENT: (Agenda items only)**

**CORRESPONDENCE:**

1. Letter from NJDEP, dated May 5, 2023, regarding approval of Stormwater Assistance Grant application.
2. Letter from Roberts Engineering Group, dated May 11, 2023, regarding the Trickling Filter Evaluation.

**MINUTES:**

1. Closed Session Minutes – March 6, 2023
2. Closed Session Minutes – May 1, 2023

**ORDINANCES:**

**FIRST READING**

**ORDINANCE 2023-03      AN ORDINANCE AMENDING CHAPTER 2  
ADMINISTRATION", ARTICLE VII: ADMINISTRATIVE  
FEES", SUBSECTION 2-59 BOROUGH HALL RENTAL**

Public Hearing to be held on June 19, 2023 at 7:00 p.m. at the Borough of Roosevelt, 33 N. Rochdale Avenue, Roosevelt, NJ 08555

**ORDINANCE 2023-04      CALENDAR YEAR 2023 ORDINANCE TO EXCEED THE  
MUNICIPAL BUDGET APPROPRIATION LIMITS AND  
TO ESTABLISH A CAP BANK (NJSA. 40A:4-45.14)**

Public Hearing to be held on June 19, 2023 at 7:00 p.m. at the Borough of Roosevelt, 33 N. Rochdale Avenue, Roosevelt, NJ 08555

**CONSENT AGENDA RESOLUTIONS:**

Resolution 23-56	Payment of Bills for May 15, 2023
Resolution 23-57	Resolution Authorizing Roberts Engineering Group, LLC to Prepare a Borough-Wide Stormwater System Map for the Borough of Roosevelt
Resolution 23-58	Resolution Authorizing Roberts Engineering Group, LLC to Prepare an Application for the New Jersey Department of Transportation (NJDOT) Municipal Aid Grant Fiscal Year 2024
Resolution 23-59	Resolution Authorizing Roberts Engineering Group, LLC to Prepare an Application for the New Jersey Department of Transportation (NJDOT) Local Transportation Project Fund
Resolution 23-60	Resolution Approving Vendor Contract for Services with the New Jersey Department of Community Affairs for the Low Income Household Water Assistance Program in Accordance with Newly Adopted State Law
Resolution 23-61	Resolution Authorizing Temporary Emergency Appropriations #2

**REPORTS OF COMMITTEE CHAIRS:**

Councilmember Atwood	Envi, Health & Safety
Councilmember Esakoff	Administration
Councilmember Hamilton	Finance
Councilmember Herrstrom	Community Dev/Code
Councilmember Macher	Public Works
Councilmember Trammell	Utilities

**REPORTS OF BOROUGH OFFICIALS:**

**UNFINISHED BUSINESS:**

1. Monmouth County SCAT Program

**NEW BUSINESS:**

1. Discussion regarding proposed Ordinances for Yard Waste, Wildlife & Salt Storage

**PUBLIC COMMENT (Any item)**

M/Malkin opens the public comment at \_\_\_\_\_  
M/Malkin closes the public comment at \_\_\_\_\_

**CLOSED SESSION:**

Resolution 23-xx Providing for a Private Executive Meeting that Excludes the Public  
Time In: \_\_\_\_\_ Time Out: \_\_\_\_\_

**ADJOURNMENT**

**TIME OUT:** \_\_\_\_\_



State of New Jersey

PHILIP D. MURPHY  
Governor

SHEILA Y. OLIVER  
Lt. Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Mail Code - 501-02A  
Bureau of NJPDES Stormwater Permitting and Water Quality Management  
P.O. Box 420 – 501 E State St., 1<sup>st</sup> Flr.  
Trenton, NJ 08625-0420  
Phone: (609) 633-7021 / Fax: (609) 777-0432

SHAWN M. LATOURETTE  
Commissioner

May 5, 2023

Peggy Malkin  
Mayor  
P.O. Box 128  
Roosevelt, NJ 08555  
NJPDES: NJG0149713 / PI ID #: 213978

**RE: APPROVAL OF STORMWATER ASSISTANCE GRANT APPLICATION**

Dear Stormwater Program Coordinator,

The Bureau of NJPDES Stormwater Permitting and Water Quality Management has received your application for the Stormwater Assistance Grant. This letter serves as confirmation that your grant application has been **APPROVED**. By accepting the funding provided by this grant, **Roosevelt Borough** is agreeing to use the funding from this grant provided by the Department to comply with the requirements of the Tier A MS4 Permit as outlined in the Notice of Funding Availability.

Please note, all approved applications are sent for processing on the last Friday of every month, with a turnaround time from processing to payment of one to two weeks. Please be sure to alert the municipality's fiscal staff to expect payment dispersal during that time frame. The payment will be titled "**Water Resources Planning Management – Stormwater Assistance Grant.**" Note that the second portion of the grant payment will be dispersed upon the Department's receipt and approval of the required Tier A permit deliverables as detailed within the "Required Elements" section of Department's Notice of Funding Availability.

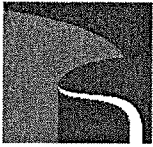
Any funding received by a grantee that is not committed to payment of eligible project costs must be returned to the Department. Furthermore, any costs that are not allowed by the Department must also be returned. The determination of eligible project costs is at the sole discretion of the Department.

Additional information about the program guidelines can be found on the Department's Stormwater Grants webpage, including the Notice of Funding Availability and recordings of our previous outreach sessions: <https://nj.gov/dep/wlm/grants/swgrant.html>.

If you have any questions, please feel free to contact your County Case Manager at [Kristen.Jezycki@dep.nj.gov](mailto:Kristen.Jezycki@dep.nj.gov).

Sincerely,

Gabriel Mahon, Bureau Chief  
Bureau of NJPDES Stormwater Permitting and Water Quality Management



**Roberts**  
ENGINEERING GROUP LLC  
*Woman Business Enterprise Certified*

1670 Whitehorse-Hamilton Square Rd.  
Hamilton, New Jersey 08690  
609-586-1141 fax 609-586-1143  
www.RobertsEngineeringGroup.com

May 11, 2023

Mayor and Council  
Borough of Roosevelt  
33 Rochdale Avenue  
P.O. Box 128  
Roosevelt, New Jersey 08555

Re: Trickling Filter Evaluation  
Wastewater Treatment Plant  
Borough of Roosevelt, Monmouth County, New Jersey  
Our File No.: R4671

Dear Mayor and Council:

Enclosed with this letter, please find the following:

1. One (1) copy of a report entitled, "Report of Geotechnical Engineering Assessment, Roosevelt Wastewater Treatment Plant, Borough of Roosevelt, Monmouth County, New Jersey dated March 29, 2023, by French & Parrello Associates."
2. One (1) copy of the wetland flagging mapping as prepared by Catalyst Group.

As you know, Roberts Engineering Group was authorized to conduct an evaluation of the soil and wetlands at the Borough Wastewater Treatment Plant in order to support the potential replacement of the existing trickling filters which are currently in a state of failure. Specifically, we are to determine whether new trickling filters should be constructed in the same footprint as the existing trickling filters or if they should be constructed elsewhere on the site in order to provide more usable space for a future upgrade of the Wastewater Treatment Plant.

The enclosed geotechnical assessment confirms that the soil west of the site is underlain by soft soils that are not well suited for the load of a new tank. A new tank or structure would require borrow fill with a shallow foundation or timber piles 40-45 ft deep for support.

Wetland flagging found Rank 5 wetlands surrounding the facility. As per NJDEP, this would require a buffer of 150 feet, therefore a wetlands permit will likely be required for any improvements in or immediately around the existing Wastewater Treatment Plant.

Based on these findings, we recommend that the Borough move forward with replacement of the existing trickling filters in the same footprint as the existing trickling filters. The cost associated with constructing the tanks at an alternate location is excessive and would not provide a substantial-enough benefit if a future Plant expansion were to occur.

You may recall that the original estimated construction cost was approximately \$3,000,000 which would have included tree clearing, new foundations, additional pumps/electrical improvements, etc. in order to construct new trickling filters outside the existing fence line. However, as we anticipate a new NJPDES Discharge Permit will be issued in 2025, and the site evaluation of wetlands and soil conditions is prohibitive, the estimated cost to replace the trickling filters within their existing footprint is approximately \$2,000,000.

Trickling Filter Evaluation  
Wastewater Treatment Plant  
Borough of Roosevelt, Monmouth County, New Jersey  
Our File No.: R4671  
Page 2 of 2

Our fee for engineering services to replace the trickling filters is as follows:

Survey, Design, Permit, Prepare Bid Documents and Loan Documents:	\$ 95,000.00
<u>Construction Administration and Inspection:</u>	<u>\$ 85,000.00</u>
Total:	\$180,000.00

Please be reminded that the Plant is in need of overall rehabilitation and an upgrade to the existing antiquated electrical system. Rehabilitation would include cleaning and painting existing tanks, tank repairs as needed, replacement of equipment, upgrade of pumps, etc. However, I recommend that these additional items take place at a later date once the next NJPDES Discharge Permit is issued in 2025. The new discharge permit may modify effluent limitations which may require additional upgrades to the overall facility.

Should you have any questions or wish to discuss this further, please feel free to contact me.

Very truly yours,



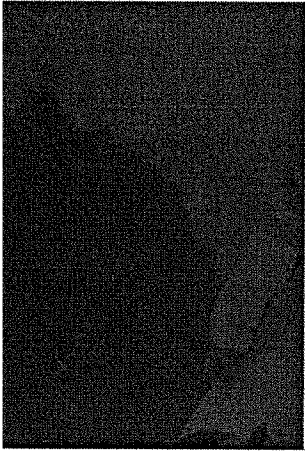
Carmela Roberts, P.E., C.M.E.  
Borough Engineer

cc: Kathleen Hart, RMC, CMR, Borough Clerk  
Ana Debevec, Borough Treasurer  
George Lang, Borough CFO  
Cameron Corini, P.E., C.M.E., Roberts Engineering Group, LLC  
Thak Bakhru, P.E., Roberts Engineering Group, LLC  
Jessica Guerrero, Roberts Engineering Group, LLC

# Report of Geotechnical Engineering Assessment

## Roosevelt Wastewater Treatment Plant

Borough of Roosevelt, Monmouth County, New Jersey



Mr. Cameron Corini, PE, CME  
**Roberts Engineering Group**  
1670 Whitehorse Hamilton Square Road  
Hamilton, NJ 08690



1800 Route 34, Suite 101  
Wall Township, New Jersey 07719  
T: 732.312.9800  
F: 732.312.9801  
fpaengineers.com

March 29, 2023

Mr. Cameron Corini, PE, CME  
Roberts Engineering Group  
1670 Whitehorse Hamilton Square Road  
Hamilton, NJ 08690

Re: Report of Geotechnical Engineering Assessment  
**Roosevelt Wastewater Treatment Plant**  
Borough of Roosevelt, Monmouth County, New Jersey  
*FPA Project No. 19722.001*

Dear Mr. Corini:

## **INTRODUCTION**

This report presents the results of our Geotechnical Engineering Assessment performed in connection with the proposed wastewater treatment tanks planned for construction at the Roosevelt Wastewater Treatment Plant located at the western end of Pine Drive in Roosevelt, Monmouth County, New Jersey. It is our understanding that the project includes the construction of two new treatment tanks along the western edge of the treatment plant property (i.e., just outside the current fence line). The proposed tanks will be approximately 40 feet in diameter with a height of about 8 feet to 10 feet. The tanks will be constructed of reinforced concrete with a wall thickness of approximately 18 inches. The proposed bottom of tank elevations were not available at the time of our assessment. However, we anticipate the tank bottoms will be several feet below the current site grades. The regional location of the project area is presented on Drawing No. 1, "Regional Location Plan."

The purpose of our participation on the project at this time was to explore the subsurface soil and groundwater conditions in the vicinity of the proposed treatment tanks to develop geotechnical engineering recommendations to assist with the planning, design and construction of the foundations for the new tanks. Our scope of work included the advancement of two test borings, laboratory testing, engineering evaluation of the acquired data and the development of the recommendations presented in this report. Our scope of work has been performed in general accordance with our proposal for Geotechnical Engineering Services dated January 9, 2023.

## **SUBSURFACE EXPLORATION**

The subsurface conditions in the vicinity of the proposed wastewater treatment tanks were explored on February 2<sup>nd</sup>, 2023 through the advancement of two test borings. The field work was performed by a drilling subcontractor while under the full-time technical observation by a representative of French & Parrello Associates (FPA). Our field representative located the test borings within the vicinity of the proposed waste water treatment tanks by



correlation with the existing plant equipment and the suggested boring locations provided by Roberts Engineering Group with the project RFP. The approximate test boring locations are presented on Drawing No. 2, "Test Boring Location Plan."

The test borings, designated as B-1 and B-2, were advanced to a depth of approximately 52 feet below the existing grade using mud rotary drilling procedures. Soil samples were typically obtained by advancing a standard two-inch diameter split-spoon sampler in accordance with ASTM Test Method D-1586, The Standard Penetration Test. In addition to the split spoon samples, an undisturbed sample of the soft cohesive soils was obtained from test boring B-1 in accordance with ASTM Test Method D1587, Standard Practice for Thin-Walled Tube Sampling of Soils for Geotechnical Purposes. All soil samples were classified in the field using the Burmister Soil Classification System. The soil samples were subsequently returned to our in-house soil's laboratory for further review and selected testing. The samples will be stored for a period of 60 days from the date of this report.

The depth to groundwater was monitored by observing the moisture content of the retrieved soil samples. Details of the drilling procedures, soil classifications, groundwater depths and Standard Penetration Test results are presented on the boring logs in Appendix A.

## **LABORATORY TESTING**

Laboratory testing was performed on selected soil samples collected from the soft native soils encountered within the upper 12 feet of the overburden soils to assess plasticity indices, natural moisture content and consolidation properties. A summary of the testing performed is provided below. Laboratory test results, along with the consolidation stress-strain curves, are presented in Appendix B.

- Four Atterberg Limits tests were performed in accordance with ASTM D 4318.
- Seven natural moisture contents were performed in accordance with ASTM D 2216.
- One one-dimensional consolidation test was performed in accordance with ASTM D 2435.

## **SITE CONDITIONS**

### **Existing Site Conditions & Regional Geology**

Our review of the existing site conditions indicates the area of the proposed wastewater treatment tanks is heavily wooded with an existing stream located about 40 feet from the western fence line. Further west of the stream, the topography is flat with many areas of standing water indicative of poorly drained and saturated soil conditions. Based on our review of published geologic literature pertaining to the project region, the subsurface conditions should consist of a surficial layer of recent alluvium interlayered with soft, compressible marsh deposits. The recent alluvium consists of silty sand and sandy silt deposited by the adjacent stream with layers of fine grained silt and clay deposited in the lower lying poorly drained areas of the adjoining marsh lands. The underlying soils consist of much older marine deposits of poorly sorted sandy silt and clay referred to as the Kirkwood, Vincetown, Red bank and Tinton sands on the Geological Map of New Jersey. The depth to bedrock is greater than 100 feet throughout this area of Monmouth County.





**Subsurface Conditions**

The subsurface conditions encountered within the test borings were generally consistent with the published geologic information. The test borings encountered a surficial layer of alluvial deposits consisting of medium to fine silty sand and clayey sand that extended to depths of approximately 3 feet to 5 feet below the ground surface. The surficial overburden soils were underlain by deposits of dark grey sandy silt and clayey silt with varying amounts of medium to fine sand that extended to depths of approximately 12 feet to 14 feet below the ground surface. Below these soils, the subsurface conditions graded to marine deposits of light grey sandy silt and clay that extended to the boring termination depths. Based on the results of the Standard Penetration Testing, the relative density of the surficial alluvial soils was loose to medium dense; the consistency of the underlying cohesive soils was soft to medium stiff. The consistency of the underlying marine deposits was medium stiff to stiff with very stiff conditions at a depth of approximately 45 feet.

Groundwater was observed within the test borings performed for the proposed wastewater treatment tanks at depths of approximately 7 feet to 8 feet below the existing ground surface. We note that seasonal and storm related fluctuations in the groundwater level, as well as the potential for perched water within the overburden soils, should be anticipated. In addition, groundwater levels may fluctuate with the water level in the adjacent stream located immediately west of the project site. For a more detailed description of the subsurface conditions and groundwater levels encountered, please refer to the test boring logs in Appendix A.

**Seismicity**

We have reviewed the guidelines presented in the New Jersey Edition of the 2021 International Building Code (IBC) regarding seismic design. Based upon our review, we offer the following site characterization parameters:

Short Period Spectral Acceleration ( $S_s$ ).....	0.23 g
Spectral Acceleration @ 1 Second ( $S_1$ ).....	0.046 g
Site Class.....	E

**DISCUSSIONS & RECOMMENDATIONS**

**General**

The results of our subsurface exploration indicate the proposed wastewater treatment tanks are underlain by soft to medium stiff deposits of sandy silt and clay that were encountered at depths of approximately 3 feet to 5 feet below the existing ground surface and extend to depths of approximately 12 feet to 14 feet. Our analysis indicates these soils have a low allowable bearing capacity on the order of approximately 1,000 psf. Additionally, estimated settlements for shallow foundation bearing on these soft soils range from approximately 0.5 inches along the foundation edge to 1.5 inches within the center of the tank foundation. Estimated differential settlement would be on the order of approximately 1 inch. Based on the results of our analyses, FPA anticipates the low bearing capacity and the estimated settlements for shallow foundations will be unacceptable for support of the new wastewater treatment tanks without the potential for adverse impacts to the equipment’s performance. Therefore, FPA recommends the proposed wastewater treatment tanks be supported on pile foundations that



can transfer the tank and equipment loads through the soft soils down to the underlying stiff to very stiff marine soil deposits. Recommendations for driven timber piles and helical piles are provided below.

FPA notes that over excavation and replacement of several feet of the soft subgrade soils with coarse graded aggregate and reinforcing geotextile was initially considered to improve the bearing capacity for support of shallow foundations for the tanks. However, this effort would require excavation support measures with construction dewatering to maintain a stable excavation bottom for placing the coarse aggregate. Ultimately these measures may still result in undesirable foundation settlement. As such, it is our opinion that pile foundations provide a more practical support option and will support the proposed wastewater treatment tanks within a tolerable range of settlement.

Groundwater was encountered in the test borings at depths of approximately 7 feet to 8 feet below the existing ground surface. We do not anticipate groundwater will be encountered in the foundation excavation for the wastewater treatment tanks provided the excavations are less than 7 feet in depth. If perched groundwater is encountered in the overburden soils at a depth of less than 7 feet, we anticipate that temporary construction dewatering may be performed using sump pumps placed within crushed stone. Excavations that extend below the observed groundwater level may require alternate means of dewatering that should be specified on a performance basis.

### Timber Pile Foundations

We have evaluated allowable compressive pile capacities of 15 tons and 20 tons for support of the proposed wastewater treatment tanks. We recommend that the pile foundations consist of pressure treated timber piles driven to bear within the stiff to very stiff marine deposits encountered at depths of approximately 35 feet to 40 feet below the existing ground surface.

We have estimated the required pile embedment depths and corresponding compressive capacities using the APILE 2015 (EnSoft, Inc.) computer software and the Federal Highway Administration (FHWA) and API Methods of analysis. Our analysis assumes the tops of the piles will be embedded within the pile caps and/or grade beams at a depth of approximately 3 feet below the existing ground surface. The static pile computations were performed using a Factor of Safety of 3.0. A summary of the estimated pile length and allowable vertical pile capacity is presented below:

Estimated Timber Pile Lengths <sup>(1)</sup>	Allowable Timber Pile Compressive Capacity
35 ft. to 40 ft.	15 Tons
40 ft. to 45 ft.	20 Tons

(1) Pile lengths are relative to the top of pile being approximately 3 feet below the existing ground surface.



Timber Piles

Timber piles should consist of new, clean peeled Southern Yellow Pine with a minimum 8-inch diameter tip. Timber piles should conform to ASTM D25, Standard Specification for Round Timber Piles and should be pressure treated according to AWPA C3 and AWPA C18 assuming service condition UC4C Ground Contact - Extreme Duty.

Lateral Pile Capacity

We have evaluated the lateral capacity of the timber piles using the L-PILE v2018 (EnSoft, Inc.) computer software. In accordance with the requirements of IBC 2015, the maximum allowable lateral resistance of a pile shall be one-half of the load that produces a deflection of 1 inch at the pile head. Our evaluation indicates that the pile head fixity will affect computed deflections, and therefore the lateral resistance. For all cases analyzed, the moments induced at the pile-heads did not exceed the allowable moment capacity of the timber piles. Recommended lateral resistances for free and fixed pile head constraints are presented below:

Pile Head Fixity	Allowable Lateral Resistance for Timber Piles
Free Head Condition	2 kips
Fixed Head Condition	6 kips

Timber Pile Installation Criteria

The driving criteria for the timber piles should be determined through the Engineering News Formula using the specific pile hammer energy proposed by the pile foundation contractor. FPA recommends a Factor of Safety of 3.0 be applied to the ultimate capacity to determine the allowable capacity. The minimum pile tip elevation for the piles should be established as 30 feet below the existing ground surface to enable the pile to develop fixity under lateral loading.

Construction Vibrations from Pile Driving

We anticipate that the installation of the foundation piling will be accomplished using a pneumatic impact hammer. The installation of the proposed foundation piling will induce vibrations within the subsoils that may affect existing residential structures located in close proximity to the proposed residence. Therefore, we have evaluated the potential for such occurring on this project.

The generally accepted safe limit for particle velocities on new structures is 2.0 in/sec. This value is reduced for old structures in poor and very poor conditions to 1.0 in/sec and 0.5 in/sec, respectively. Particle velocity is a function of the square root of the hammer energy (E) divided by the distance (D) from the vibration source to the point of interest, and may be estimated as follows:

$$V = 0.15 \{E^{1/2}/D\}^{1.5} \text{ (in/sec)}$$

Where; E is in foot-pounds and D is in feet



We anticipate that hammers utilized on the project will have energy ratings of approximately 15,000 foot-pounds. Based on our evaluation of potential particle velocities generated by such hammers, the areas of greatest concern on existing structures are those areas located within about 25 feet to 50 feet of the vibration source. Beyond a distance of approximately 60 feet, our evaluation indicates that particle velocities would be on the order of 0.5 in/sec or less, which indicates that structural damage should not be an issue.

Our review of the site aerial map indicates there are existing treatment tanks located within approximately 30 feet to 50 feet from proposed wastewater treatment tank locations. As such, construction vibrations may be a concern for the existing tanks and other adjacent facilities. We suggest that vibration monitoring be performed during the installation of the timber piles.

### Helical Pile Foundations

As an alternative to driven piles, helical piles may be considered should vibrations from pile driving be a concern. Helical Piles are typically installed by screwing auger flights into the ground using a track-hoe equipped with a hydraulic powered drive head. The drive head installs the piles to a predetermined minimum torque (specified by the manufacturer) that corresponds to the allowable design vertical compressive capacity and produces very little vibrations during installation which may be desirable at the existing treatment plant.

We estimate that helical piles installed to a depth of approximately 40 feet to 45 feet below the bottom of pile cap utilizing a standard 10"-12"-14" or 8"-10"-12"-14" diameter auger lead section as manufactured by the AB Chance Corporation or similar helical pile vendor will achieve allowable compressive capacities of 15 tons and 20 tons, respectively. It is recommended that the helical pile shaft consist of the 3.5 inches outside diameter AB Chance Round Shaft (RS3500.300) with a minimum wall thickness of 0.3 inches. Our analysis assumes the tops of the piles will be embedded within the pile caps and/or grade beams at a depth of approximately 3 feet below the existing ground surface. We note that the final pile depths and corresponding vertical capacities will be determined through monitoring of the installation torque. FPA recommends a Factor of Safety of 2.5 be applied to the ultimate capacity to determine the allowable capacity.

Helical Pile Lead Section Configuration	Estimated Helical Pile Length <sup>(1)</sup>	Allowable Helical Pile Compressive Capacity
10"-12"-14"	40 ft. to 45 ft.	15 Tons
8"-10"-12"-14"	40 ft. to 45 ft.	20 Tons

(1) Pile lengths are relative to the top of pile being approximately 3 feet below the existing ground surface.

Due to the small shaft diameter of the helical piles, we recommend that no lateral capacity be considered for vertical helical piles. Battered helical piles may be utilized to provide lateral capacity if needed. Additionally, the passive resistance of the embedded pile caps or grade beams may also be considered for lateral resistance.



### **Site Preparation & Earthwork**

Prior to placing any fills for raising grades in the vicinity of the new tanks, the ground surface should be stripped of all vegetation, soft cohesive soils and surficial debris. The exposed subgrade should be compacted using a minimum 5-ton, smooth drum, vibratory roller to densify loose subgrade soils near the surface and to identify any soft areas surrounding the proposed wastewater treatment tanks and within paved areas that should be removed and replaced with structural fill. We recommend that structural fills required under paved areas consist of imported material meeting the gradational requirements of Type "G" fill. Structural fills should be placed in maximum 12-inch thick lifts and compacted to a minimum of 95 percent of the maximum dry density as determined by ASTM D-1557. Non-structural fills should be compacted to a minimum of 90 percent of the maximum dry density per ASTM D-1557.

The surface of all compacted fill subgrades should be graded or sloped to provide gravity drainage of surface runoff. In addition, the surface of all prepared subgrades should be thoroughly compacted at the end of each work day to seal the surface and minimize softening that may result from precipitation.

We do not recommend the reuse of the on-site soils as compacted structural fill beneath pavements or slabs on-grade. The on-site existing soils may be suitable for reuse as compacted backfill for utility trenches outside pavement and slab areas, backfill for the outside of tank foundations and for general site grading if properly moisture conditioned. The on-site soils have a high silt and clay content which makes them especially moisture sensitive and difficult to properly compact particularly when wet. It should be expected that the on-site soils will require careful moisture conditioning, including reworking to aerate and dry these materials, to obtain the optimal moisture content for proper compaction to the minimum densities specified above. Alternatively, imported fill may be used to raise site grades or as backfill if the on-site soils are too wet for reuse during construction. Imported fill should consist of a well graded granular fill material conforming to the gradational requirements for Type "G" Fill which are presented in Appendix C.

### **CLOSING & LIMITATIONS**

The recommendations contained herein are contingent upon subsurface conditions remaining consistent with those encountered during our subsurface exploration. They are also contingent upon the basis that all earthwork related aspects of construction, including foundation excavation, subgrade preparation, pile installation and backfilling be observed by a representative of FPA. This is to observe compliance with the design concepts and specifications and to allow design changes in the event that subsurface conditions differ from those anticipated prior to construction.

The scope of our services did not include any environmental assessment or investigation for the presence or absence of wetlands or hazardous or biologically toxic materials in the soil, surface water, groundwater or air, on or below or around this site.

Services performed by French & Parrello Associates during this project have been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. No other representation, expressed or implied, and no warranty, guarantee, or fiduciary responsibility is included or intended in the services provided.



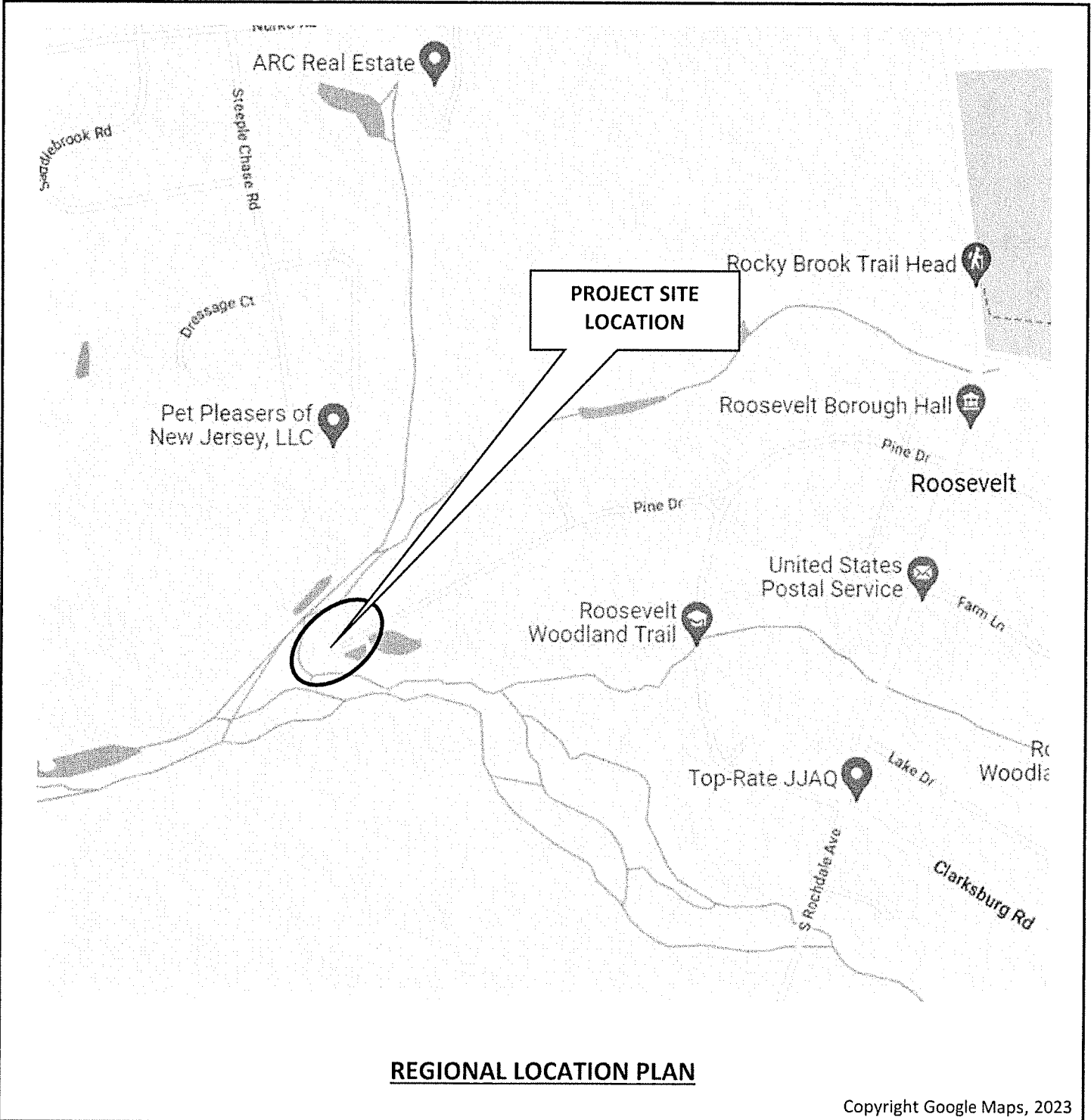
Should you have any questions, please feel free to contact us.

Sincerely,

**FRENCH & PARRELLO ASSOCIATES**

A handwritten signature in black ink, appearing to read 'Robert C. Swabsin', with a decorative flourish at the end.

Robert C. Swabsin, PE  
Project Consultant, Geotechnical Services

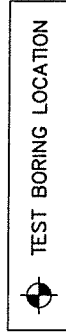


**ROOSEVELT WASTEWATER TREATMENT PLANT  
BOROUGH OF ROOSEVELT, MONMOUTH COUNTY, NEW JERSEY**

SCALE: NTS	DATE: MARCH 2023	JOB NO.: 19722.001	DRAWING NO.: 1
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**LEGEND:**



**FPA**  
**FRENCH & PARRELO**  
**ASSOCIATES**  
 New Jersey • New York • Pennsylvania • Georgia  
 Corporate Office:  
 1800 RI 34, Suite 101  
 Wall, New Jersey 07719  
 732.312.8000  
 FPAengineers.com

TEST BORING LOCATION PLAN  
 FOR  
**ROOSEVELT WASTEWATER  
 TREATMENT PLANT**  
 BOROUGH OF ROOSEVELT  
 MONMOUTH COUNTY, NEW JERSEY  
 DATE: FEBRUARY 2022 APPROX. 1"=40'  
 SCALE: PROJECT NUMBER: 19722.001  
 DRAWN BY: MTM  
 DRAWING # 2

O:\19k\19700\19722 - Roosevelt Wastewater Treatment Plant\CADD\19722 C01 - BLP 11x17.dwg BLP  
 OF FRENCH & PARRELO ASSOCIATES, P.A. IS PROVIDED AS IS WITHOUT WARRANTY OF ANY KIND, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE USER ASSUMES ALL LIABILITY FOR ANY DAMAGE OR LOSS OF PROFITS, DATA, OR INFORMATION, INCLUDING REVENUE, PROFITS, OR BUSINESS, ARISING FROM THE USE OF THIS DRAWING. THE USER SHALL INDEMNIFY AND HOLD HARMLESS FRENCH & PARRELO ASSOCIATES, P.A. FROM AND AGAINST ALL SUCH DAMAGES.





Appendix A  
**Test Boring Logs**

<b>BURMISTER SOIL CLASSIFICATION SYSTEM</b>
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**A. Cohesionless Soils: Particle Size Definitions**

Soil	Fraction	U.S. Standard Sieve	Actual Sizes
Gravel	coarse	3 in. to 1 in.	76 mm to 25 mm
	medium	1 in. to 3/8 in.	25 mm to 9.5 mm
	fine	3/8 in. to No. 10	9.5 mm to 2.0 mm
Sand	coarse	No. 10 to No. 30	2.0 mm to 0.6 mm
	medium	No. 30 to No. 60	0.6 mm to 0.25 mm
	fine	No. 60 to No. 200	0.25 mm to 0.075 mm
Silt		< No. 200	< 0.075 mm

**B. Terms Describing Gradation of Cohesionless Soils**

Written Description	Symbol/Designation	Defining Proportions
coarse, medium to fine	cmf	all fractions > 10%
coarse to medium	cm	< 10% fine
medium to fine	mf	< 10% coarse
coarse	c	< 10% medium and fine
medium	m	< 10% coarse and fine
fine	f	< 10% coarse and medium

Note: Use (+) for upper limit and (-) for lower limit.

**C. Cohesive Soils: Terms Describing Plasticity**

Soil	Plasticity Index	Workability	Plasticity Description
SILT	0	--	Non-Plastic
Clayey SILT	1 to 5	1/4 in. thread	Slightly Plastic
SILT & CLAY	5 to 10	1/8 in. thread	Low Plasticity
CLAY & SILT	10 to 20	1/16 in. thread	Medium Plasticity
Silty CLAY	20 to 40	1/32 in. thread	High Plasticity
CLAY	>40	1/64 in. thread	Very High Plasticity

**D. Terms Describing Overall Composition of Soil**

Written Proportion	Proportion Symbol	Proportion Percent by Weight
and	a	35 to 50
some	s	20 to 35
little	l	10 to 20
trace	t	1 to 10

Note: Use (+) for upper limit and (-) for lower limit.



# TEST BORING LOG

ROOSEVELT WASTEWATER TREATMENT PLANT  
 BOROUGH OF ROOSEVELT, MONMOUTH COUNTY, NEW JERSEY  
 FPA NO. 19722.001

BORING NO.: B-1  
 SHEET 1 OF 2

DATE STARTED: 2/2/2023  
 DATE FINISHED: 2/2/2023

DEPTH OF WATER: 7'±  
 LOCATION: See Plan

GROUND ELEVATION: N/A  
 GROUND WATER ELEV.: N/A

DRILLING TECHNIQUE: Mud Rotary  
 HAMMER TYPE: 140 lb. Automatic Trip Hammer, 30 Inch Drop

DEPTH FEET	SAMPLE DEPTH	SPT BLOW COUNTS (PER 6")	STRATA	DESCRIPTION OF SOIL
--- 5' ---	S-1 0-2'	1 - 1 - 3 - 4		S-1 TOP 8": Tan-Brown & Red <b>Clayey SILT</b> , some cmf Sand.
	S-2 2-4'	2 - 3 - 4 - 3		BOT 16": Tan-Brown mf <b>SAND</b> , some+ Silt.
	S-3 4-6'	5 - 7 - 3 - 2		S-2 TOP 6": Light Grey mf <b>SAND</b> , some+ Silt.
	UD-1 6-8'	PUSH: 24" REC.: 24"		BOT 18": Tan & Dark Brown <b>Clayey SILT</b> , and f Sand.
	S-4 8-10'	2 - 2 - 4 - 4		S-3 Dark Brown & Grey mf <b>SAND</b> , and Clayey Silt.
--- 10' ---	S-5 10-12'	1 - 3 - 5 - 4		UD-1 Dark Grey <b>Clayey SILT</b> , some f Sand.
	S-4 8-10'	2 - 2 - 4 - 4		S-4 Dark Grey <b>Clayey SILT</b> , and f Sand.
--- 15' ---	S-6 15-17'	3 - 3 - 4 - 4		S-5 Same as S-4.
	S-6 15-17'	3 - 3 - 4 - 4		S-6 Light Grey mf <b>SAND</b> , and Clayey Silt.
--- 20' ---	S-7 20-22'	2 - 3 - 5 - 6		S-7 Same as S-7.
	S-7 20-22'	2 - 3 - 5 - 6		S-7 Same as S-7.
--- 25' ---	S-8 25-27'	3 - 4 - 6 - 6		S-8 TOP 21": Same as S-7.
	S-8 25-27'	3 - 4 - 6 - 6		BOT 3": Light Grey <b>SILT &amp; CLAY</b> , some+ f Sand.
--- 30' ---	S-9 30-32'	2 - 6 - 7 - 7		S-9 Light Grey <b>SILT &amp; CLAY</b> , some+ f Sand
	S-9 30-32'	2 - 6 - 7 - 7		S-9 Light Grey <b>SILT &amp; CLAY</b> , some+ f Sand
--- 35' ---	S-10 35-37'	3 - 7 - 8 - 11		S-10 Light Grey <b>SILT &amp; CLAY</b> , some f Sand.
	S-10 35-37'	3 - 7 - 8 - 11		S-10 Light Grey <b>SILT &amp; CLAY</b> , some f Sand.

SOILS ENGINEER: R. SWABSIN, PE  
 DRILLING INSPECTOR: S. KEARNEY

CONTRACTOR: CRAIG TEST BORING  
 DRILLER: N. SANTANA

The information shown hereon indicates the subsurface conditions encountered at the specific boring location on the date(s) of drilling. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.



# TEST BORING LOG

ROOSEVELT WASTEWATER TREATMENT PLANT  
 BOROUGH OF ROOSEVELT, MONMOUTH COUNTY, NEW JERSEY  
 FPA NO. 19722.00

BORING NO.: B-1  
 SHEET 2 OF 2

DATE STARTED: 2/2/2022  
 DATE FINISHED: 2/2/2022

DEPTH OF WATER: 6'±  
 LOCATION: See Plan

GROUND ELEVATION: N/A  
 GROUND WATER ELEV.: N/A

DRILLING TECHNIQUE: Mud Rotary

HAMMER TYPE: 140 lb. Automatic Trip Hammer, 30 Inch Drop

DEPTH FEET	SAMPLE DEPTH	SPT BLOW COUNTS (PER 6")	STRATA	DESCRIPTION OF SOIL
---40'---	S-11 40-42'	3 - 7 - 10 - 10		S-11 Light Grey SILT & CLAY, and f Sand.
---45'---	S-12 45-47'	4 - 11 - 15 - 27		S-12 Light Grey mf SAND, little Clayey Silt.
---50'---	S-13 50-52'	5 - 5 - 8 - 11		S-13 Light Grey SILT & CLAY, some* f Sand.
---55'---				END OF BORING @ 52'
---60'---				
---65'---				
---70'---				
---75'---				

SOILS ENGINEER: R. SWABSIN, PE  
 DRILLING INSPECTOR: S. KEARNEY

CONTRACTOR: CRAIG TEST BORING  
 DRILLER: N. SANTANA

The information shown hereon indicates the subsurface conditions encountered at the specific boring location on the date(s) of drilling. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.



# TEST BORING LOG

**ROOSEVELT WASTEWATER TREATMENT PLANT**  
**BOROUGH OF ROOSEVELT, MONMOUTH COUNTY, NEW JERSEY**  
**FPA NO. 19722.001**

**BORING NO.: B-2**  
**SHEET 1 OF 2**

**DATE STARTED: 2/2/2023**  
**DATE FINISHED: 2/2/2023**

**DEPTH OF WATER: 8'±**  
**LOCATION: See Plan**

**GROUND ELEVATION: N/A**  
**GROUND WATER ELEV.: N/A**

**DRILLING TECHNIQUE: Mud Rotary**  
**HAMMER TYPE: 140 lb. Automatic Trip Hammer, 30 Inch Drop**

DEPTH FEET	SAMPLE DEPTH	SPT BLOW COUNTS (PER 6")	STRATA	DESCRIPTION OF SOIL
--- 5' ---	S-1 0-2'	1 - 3 - 5 - 4		S-1 TOP 6": Brown & Red Clayey SILT. BOT 18": Orange-Brown mf SAND, little Silt, little mf Gravel.
	S-2 2-4'	7 - 5 - 4 - 4		S-2 Light Grey & Brown mf SAND, some Clayey Silt.
	S-3 4-6'	4 - 2 - 1 - 1		S-3 TOP 8": Light Grey mf SAND, and Clayey Silt. BOT 16": Dark Grey SILT & CLAY, some f Sand.
	S-4 6-8'	2 - 2 - 4 - 4		S-4 Dark Grey-Brown Clayey SILT, trace f Gravel.
	S-5 8-10'	4 - 4 - 3 - 4		S-5 Dark Grey-Brown Clayey SILT, little+ f Sand.
	S-6 10-12'	4 - 3 - 3 - 4		S-6 Dark Grey SILT & CLAY, some+ f Sand, trace f Gravel.
--- 15' ---	S-7 15-17'	5 - 10 - 12 - 11		S-7 Dark Grey mf SAND, some+ Silt.
--- 20' ---	S-8 20-22'	3 - 7 - 7 - 7		S-8 Light Grey SILT & CLAY, some+ f Sand.
--- 25' ---	S-9 25-27'	2 - 4 - 4 - 5		S-9 Light Grey CLAY & SILT, little+ f Sand.
--- 30' ---	S-10 30-32'	2 - 5 - 6 - 6		S-10 Same as S-9.
--- 35' ---	S-11 35-37'	4 - 5 - 6 - 9		S-11 TOP 16": Same as S-9. BOT 8": Light Grey Clayey SILT, some+ f Sand.

**SOILS ENGINEER: R. SWABSIN, PE**  
**DRILLING INSPECTOR: S. KEARNEY**

**CONTRACTOR: CRAIG TEST BORING**  
**DRILLER: N. SANTANA**

The information shown hereon indicates the subsurface conditions encountered at the specific boring location on the date(s) of drilling. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.



# TEST BORING LOG

**ROOSEVELT WASTEWATER TREATMENT PLANT**  
**BOROUGH OF ROOSEVELT, MONMOUTH COUNTY, NEW JERSEY**  
**FPA NO. 19722.00**

**BORING NO.: B-2**  
**SHEET 2 OF 2**

**DATE STARTED:** 2/2/2022  
**DATE FINISHED:** 2/2/2022

**DEPTH OF WATER:** 8'±  
**LOCATION:** See Plan

**GROUND ELEVATION:** N/A  
**GROUND WATER ELEV.:** N/A

**DRILLING TECHNIQUE:** Mud Rotary  
**HAMMER TYPE:** 140 lb. Automatic Trip Hammer, 30 Inch Drop

DEPTH FEET	SAMPLE DEPTH	SPT BLOW COUNTS (PER 6")	STRATA	DESCRIPTION OF SOIL
---40'---	S-12 40-42'	2 - 6 - 6 - 9		S-12 Light Grey <b>Clayey SILT</b> , some+ f sand. (w/ Light & Dark Grey Clay lenses)
---45'---	S-13 45-47'	6 - 9 - 16 - 19		S-13 Dark & Light Grey mf <b>SAND</b> , some Clayey Silt.
---50'---	S-14 50-52'	2 - 6 - 6 - 6		S-14 Light Grey <b>SILT &amp; CLAY</b> , little+ f Sand.
---55'---				END OF BORING @ 52'
---60'---				
---65'---				
---70'---				
---75'---				

**SOILS ENGINEER:** R. SWABSIN, PE  
**DRILLING INSPECTOR:** S. KEARNEY

**CONTRACTOR:** CRAIG TEST BORING  
**DRILLER:** N. SANTANA

The information shown hereon indicates the subsurface conditions encountered at the specific boring location on the date(s) of drilling. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.



# Appendix B

## **Laboratory Testing**



# SUMMARY OF LABORATORY TESTING



AAASHIO  
AGGREGATED  
2/23

PROJECT: Roosevelt Wastewater Treatment Plant

PROJECT #: 19722.001

DATE:

Boring & Sample Number	Depth (ft)	Classification	Natural Water Content %	Atterberg Limits		AASHTO T-290 Sulfate (ppm)	AASHTO T-291 Chloride (ppm)	Unit Dry Weight PCF	Specific Gravity	Permeability inches / hour @ 20 deg C	Compaction	Grain Size	Consolidation	Triaxial	% Passing #200	pH	Organic Content %
				Liquid Limit	Plastic Limit												
B-1	4 - 6	Dark Brown & Grey mf SAND, and Clayey Silt	25														
S-3																	
B-1																	
UD-1	6 - 8	Dark Grey Silty CLAY, some mf+ SAND	31	52	21			90.7	2.72				*		73.4		
B-1	8 - 10	Dark Grey SILT, little- mf Sand, trace- f Gravel	33	Non-Plastic													
S-4																	
B-1	10 - 12	Dark Grey Clayey SILT, little f Sand	43														
S-5																	
B-2																	
S-4	6 - 8	Dark Grey Brown Clayey SILT, trace f Sand	38														
B-2																	
S-5	8 - 10	Dark Grey Brown SILT & CLAY, little+ cmf+ Sand, trace- f Gravel	24	26	19												
B-2																	
S-6	10 - 12	Dark Grey SILT & CLAY, little+ cmf+ Sand, trace mf Gravel	33	30	21												

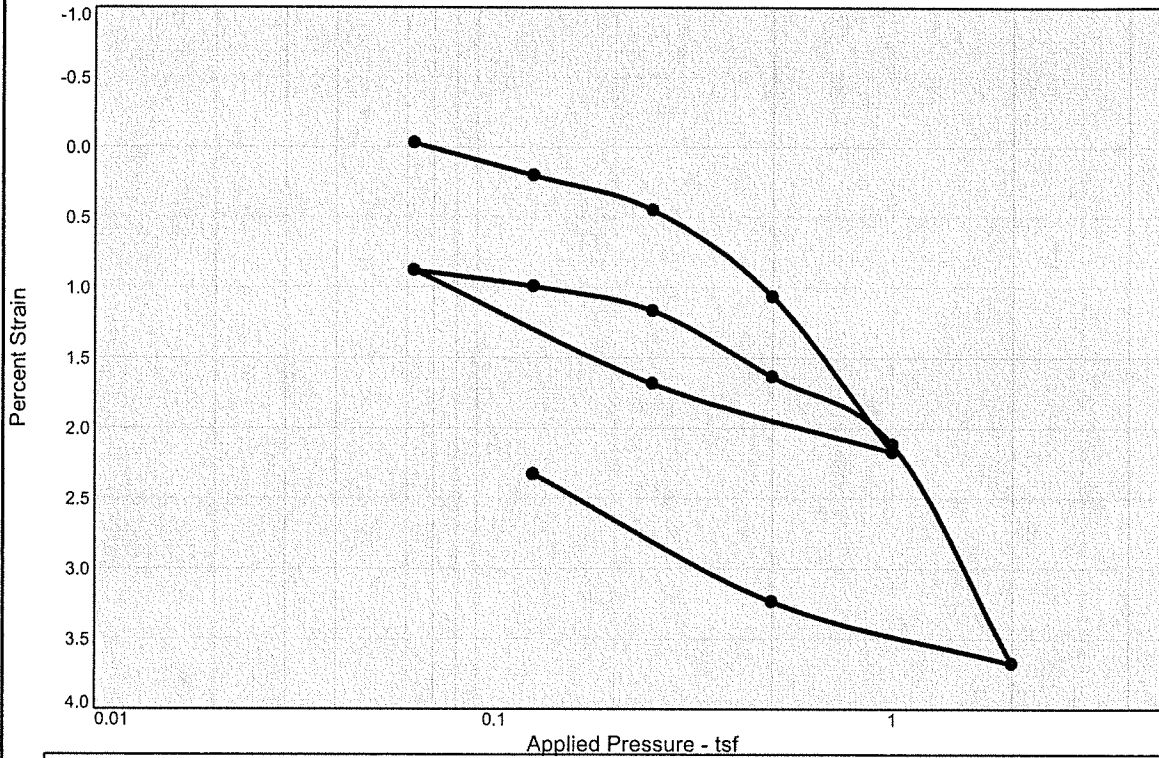
\* SEE TEST CURVES

Supervising Professional Engineer: Michael W. Schappert, PE

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# CONSOLIDATION TEST REPORT



Coefficients of Consolidation and Secondary Consolidation

No.	Load (tsf)	$C_v$ (ft.2/day)	$C_\alpha$	No.	Load (tsf)	$C_v$ (ft.2/day)	$C_\alpha$	No.	Load (tsf)	$C_v$ (ft.2/day)	$C_\alpha$
2	0.13	0.026	0.000	12	2.00	2.015	0.000				
4	0.50	3.726									
5	1.00	4.606	0.000								
8	0.13	2.776	0.005								
9	0.25	4.615	0.000								
10	0.50	4.398									
11	1.00	4.527	0.000								

Natural		Dry Dens. (pcf)	LL	PI	Sp. Gr.	Overburden (tsf)	$P_c$ (tsf)	$C_c$	$C_r$	Initial Void Ratio
Saturation	Moisture									
95.8 %	30.7 %	90.7	52	31	2.72	0.42	0.5	0.09	0.02	0.873

**MATERIAL DESCRIPTION**

Dark Grey Silty CLAY, some mf+ SAND

**USCS**

**AASHTO**

**Project No.** 19722.001      **Client:** Roberts Engineering Group  
**Project:** Roosevelt Wastewater Treatment Plant  
**Source of Sample:** B-1      **Depth:** 6' - 8'      **Sample Number:** UD-1  
**FRENCH & PARRELLO ASSOCIATES, P.A.**  
**CONSULTING ENGINEERS**  
 Wall, NJ

**Remarks:**

Figure

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**Tested By:** RT      **Checked By:** RT

# Dial Reading vs. Time

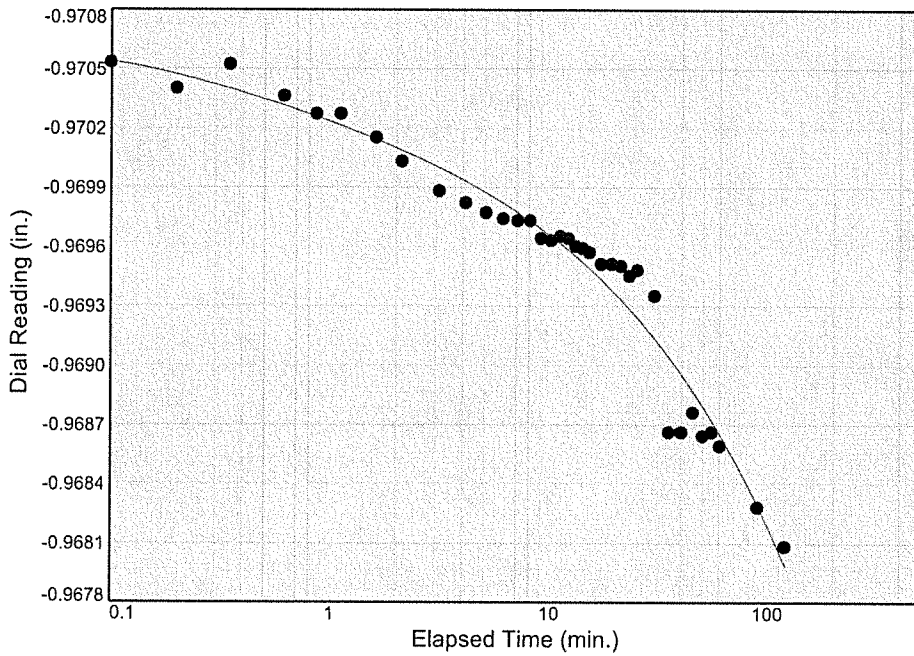
Project No.: 19722.001

Project: Roosevelt Wastewater Treatment Plant

Source of Sample: B-1

Depth: 6' - 8'

Sample Number: UD-1



Load No.= 2

Load= 0.13 tsf

$D_0 = -0.9707$

$D_{50} = -0.9694$

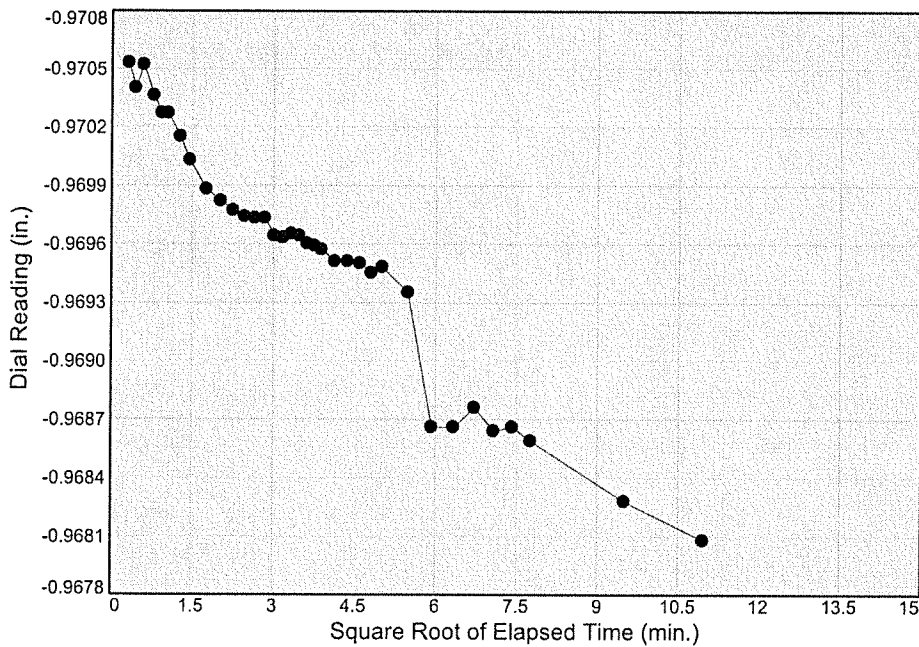
$D_{100} = -0.9681$

$T_{50} = 19.09 \text{ min.}$

$C_v @ T_{50}$

0.026 ft.<sup>2</sup>/day

$C_\alpha = 0.000$



Load No.= 2

Load= 0.13 tsf

$D_0 = -0.9707$

$D_{90} = -0.9697$

$D_{100} = -0.9696$

$T_{90} = 6.33 \text{ min.}$

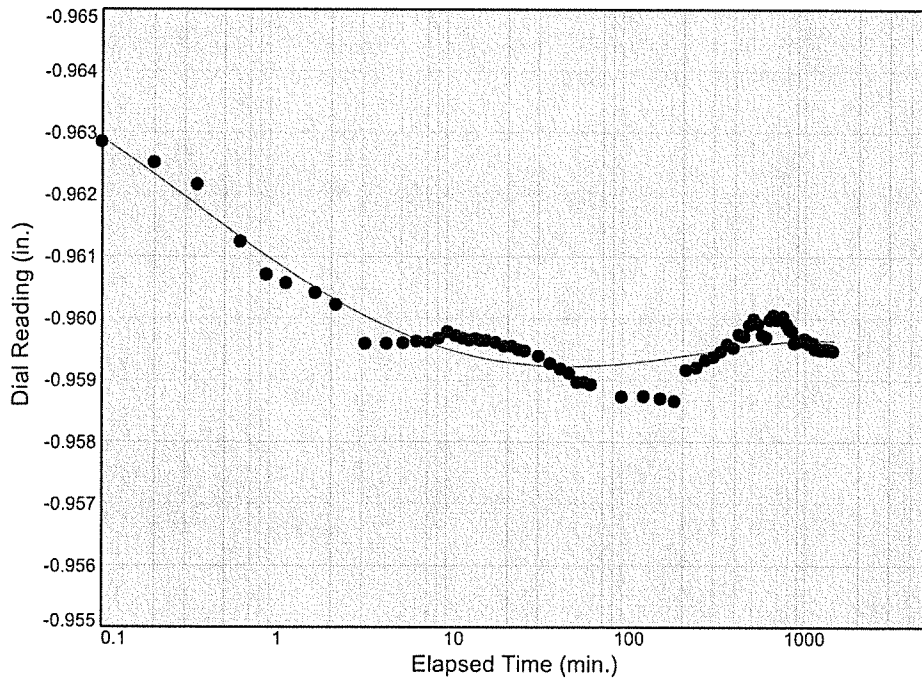
$C_v @ T_{90}$

0.335 ft.<sup>2</sup>/day

## Dial Reading vs. Time

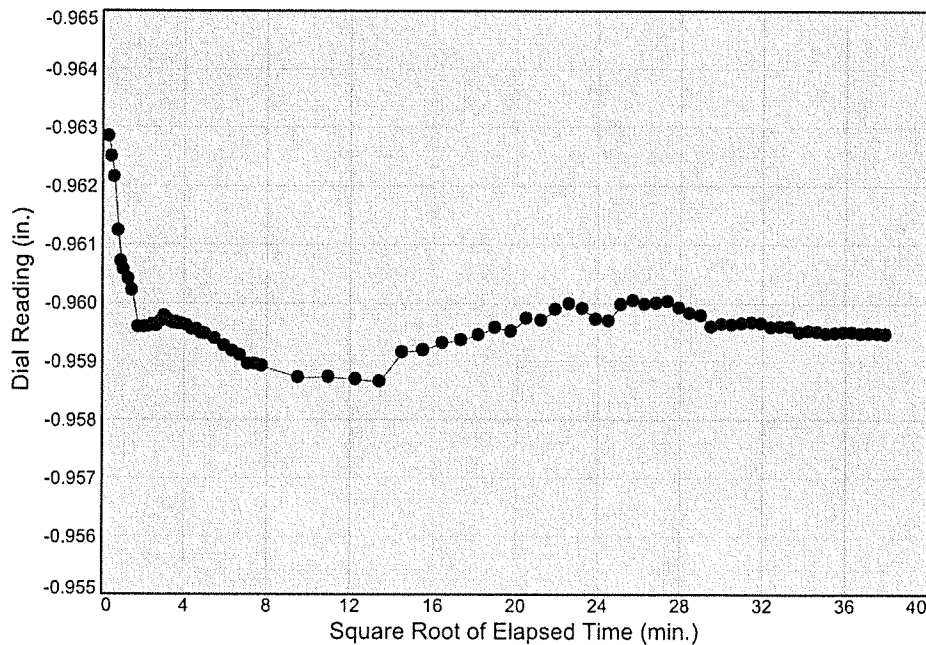
Project No.: 19722.001  
 Project: Roosevelt Wastewater Treatment Plant

Source of Sample: B-1      Depth: 6' - 8'      Sample Number: UD-1



Load No.= 4  
 Load= 0.50 tsf  
 $D_0 = -0.9669$   
 $D_{50} = -0.9627$   
 $D_{100} = -0.9585$   
 $T_{50} = 0.13 \text{ min.}$

$C_v @ T_{50}$   
 3.726 ft.<sup>2</sup>/day



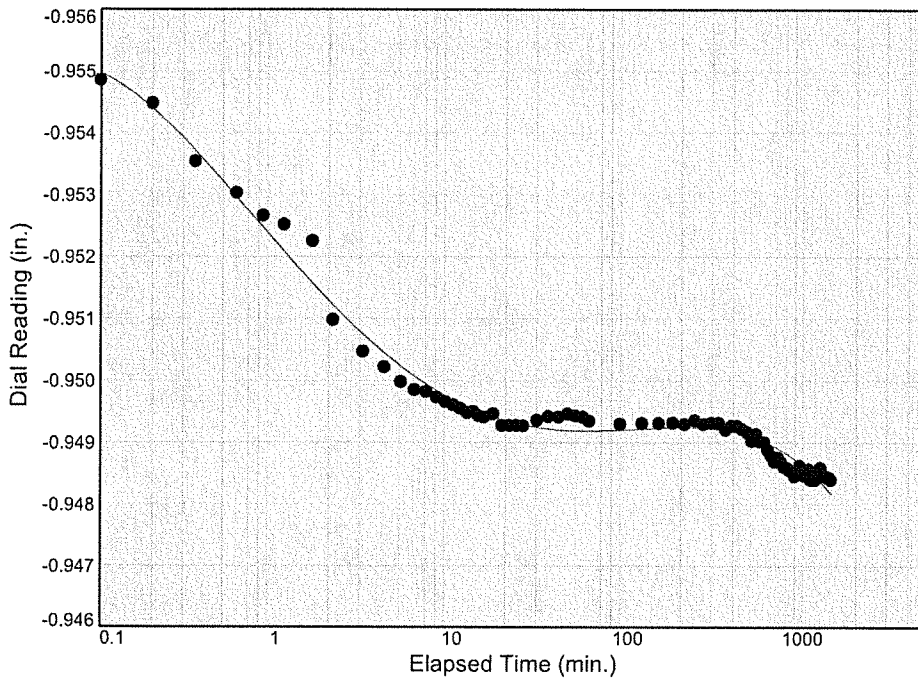
Load No.= 4  
 Load= 0.50 tsf  
 $D_0 = -0.9633$   
 $D_{90} = -0.9596$   
 $D_{100} = -0.9592$   
 $T_{90} = 3.59 \text{ min.}$

$C_v @ T_{90}$   
 0.582 ft.<sup>2</sup>/day

# Dial Reading vs. Time

Project No.: 19722.001  
 Project: Roosevelt Wastewater Treatment Plant

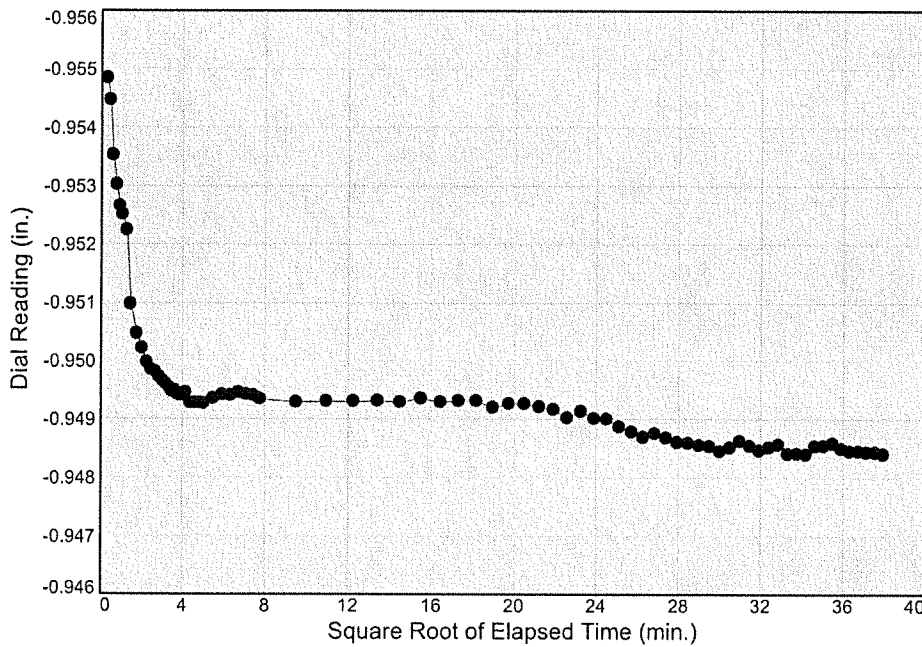
Source of Sample: B-1      Depth: 6' - 8'      Sample Number: UD-1



Load No.= 5  
 Load= 1.00 tsf  
 $D_0 = -0.9606$   
 $D_{50} = -0.9549$   
 $D_{100} = -0.9493$   
 $T_{50} = 0.10 \text{ min.}$

$C_v @ T_{50}$   
 4.606 ft.<sup>2</sup>/day

$C_\alpha = 0.000$



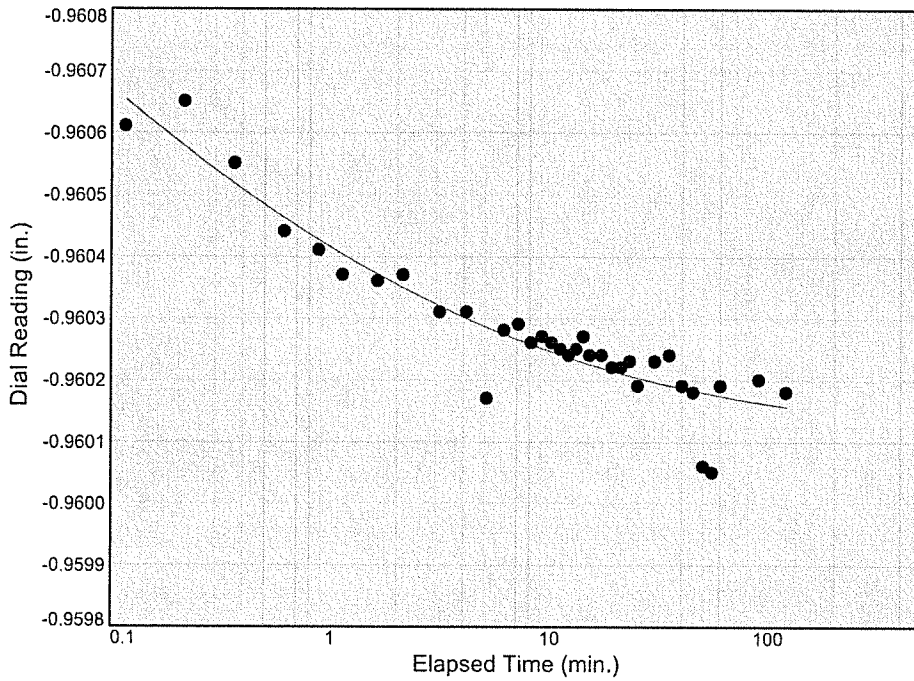
Load No.= 5  
 Load= 1.00 tsf  
 $D_0 = -0.9556$   
 $D_{90} = -0.9501$   
 $D_{100} = -0.9495$   
 $T_{90} = 4.50 \text{ min.}$

$C_v @ T_{90}$   
 0.457 ft.<sup>2</sup>/day

# Dial Reading vs. Time

Project No.: 19722.001  
 Project: Roosevelt Wastewater Treatment Plant

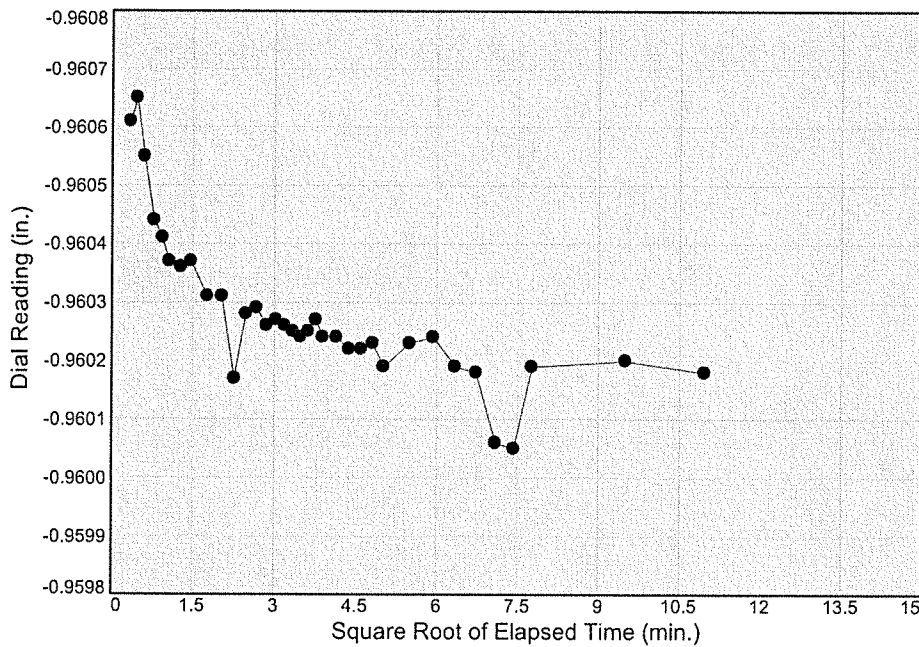
Source of Sample: B-1      Depth: 6' - 8'      Sample Number: UD-1



Load No.= 8  
 Load= 0.13 tsf  
 $D_0 = -0.9615$   
 $D_{50} = -0.9606$   
 $D_{100} = -0.9597$   
 $T_{50} = 0.17 \text{ min.}$

$C_v @ T_{50}$   
 2.776 ft.<sup>2</sup>/day

$C_\alpha = 0.005$



Load No.= 8  
 Load= 0.13 tsf  
 $D_0 = -0.9608$   
 $D_{90} = -0.9604$   
 $D_{100} = -0.9603$   
 $T_{90} = 1.50 \text{ min.}$

$C_v @ T_{90}$   
 1.389 ft.<sup>2</sup>/day

## Dial Reading vs. Time

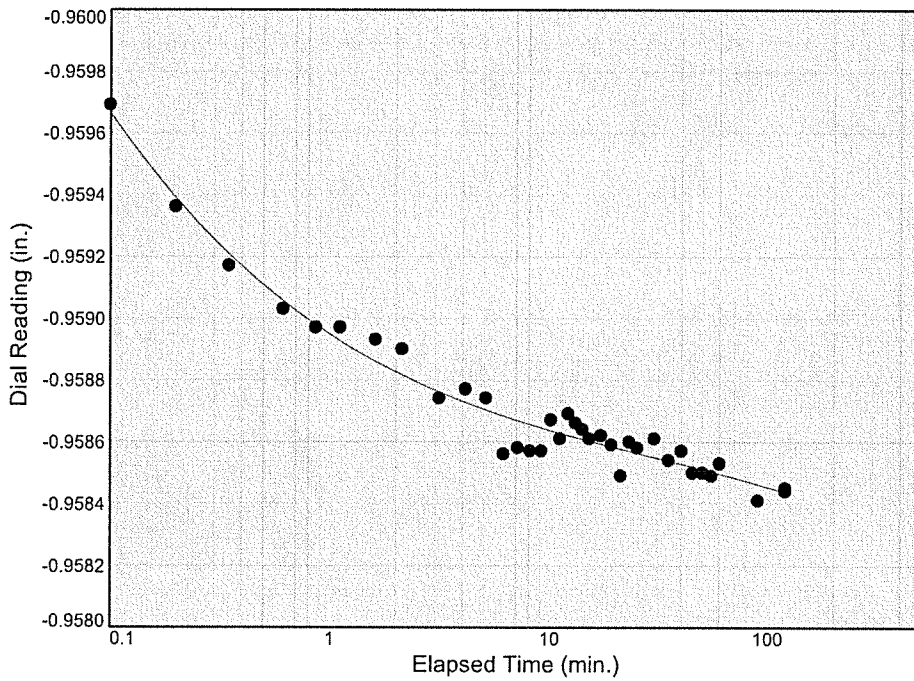
Project No.: 19722.001

Project: Roosevelt Wastewater Treatment Plant

Source of Sample: B-1

Depth: 6' - 8'

Sample Number: UD-1



Load No.= 9

Load= 0.25 tsf

$D_0 = -0.9607$

$D_{50} = -0.9596$

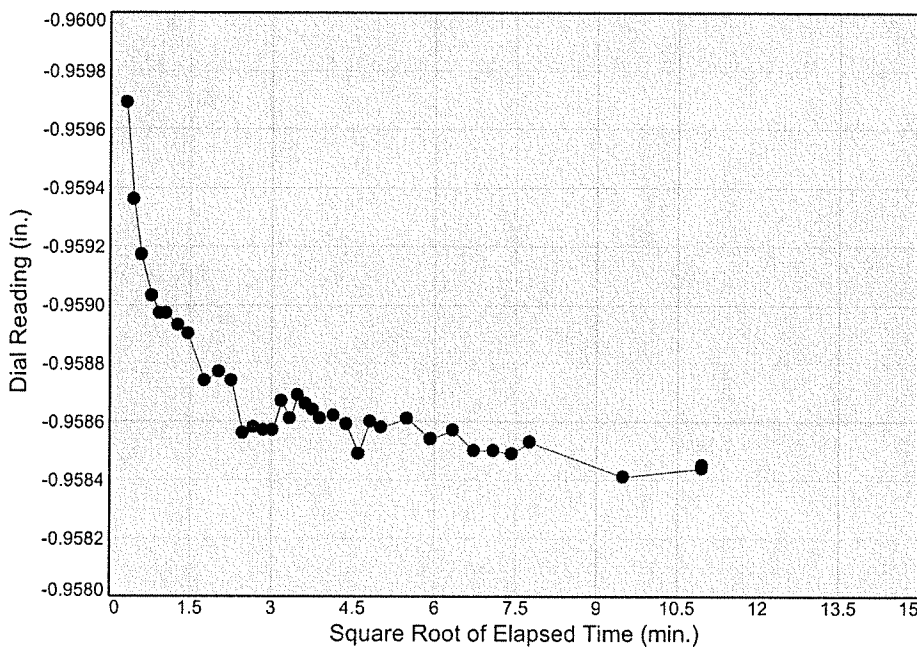
$D_{100} = -0.9586$

$T_{50} = 0.10$  min.

$C_v @ T_{50}$

4.615 ft.<sup>2</sup>/day

$C_\alpha = 0.000$



Load No.= 9

Load= 0.25 tsf

$D_0 = -0.9603$

$D_{90} = -0.9591$

$D_{100} = -0.9589$

$T_{90} = 0.52$  min.

$C_v @ T_{90}$

3.982 ft.<sup>2</sup>/day

## Dial Reading vs. Time

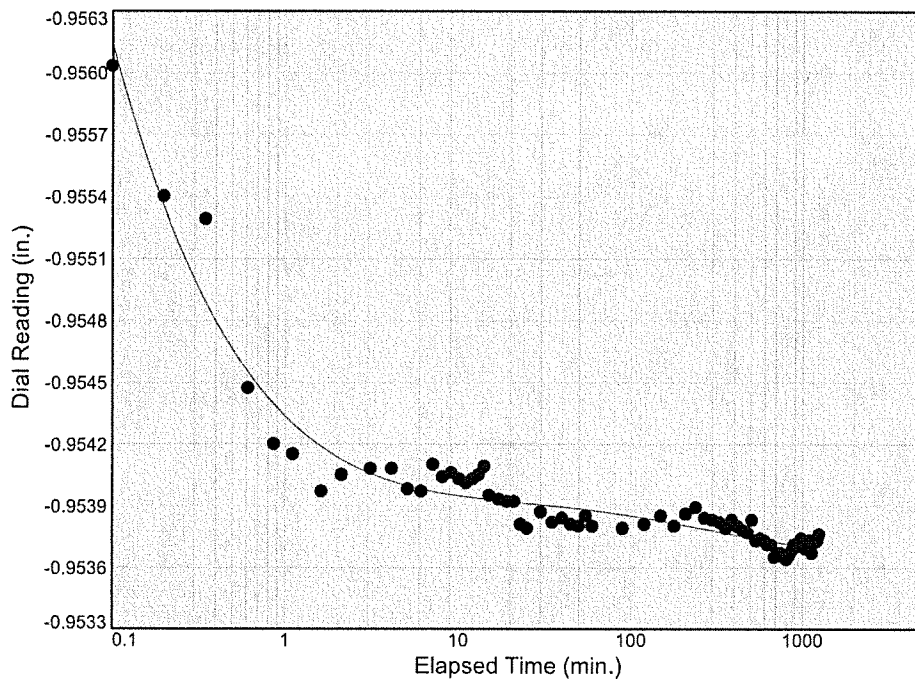
Project No.: 19722.001

Project: Roosevelt Wastewater Treatment Plant

Source of Sample: B-1

Depth: 6' - 8'

Sample Number: UD-1



Load No.= 10

Load= 0.50 tsf

$D_0 = -0.9592$

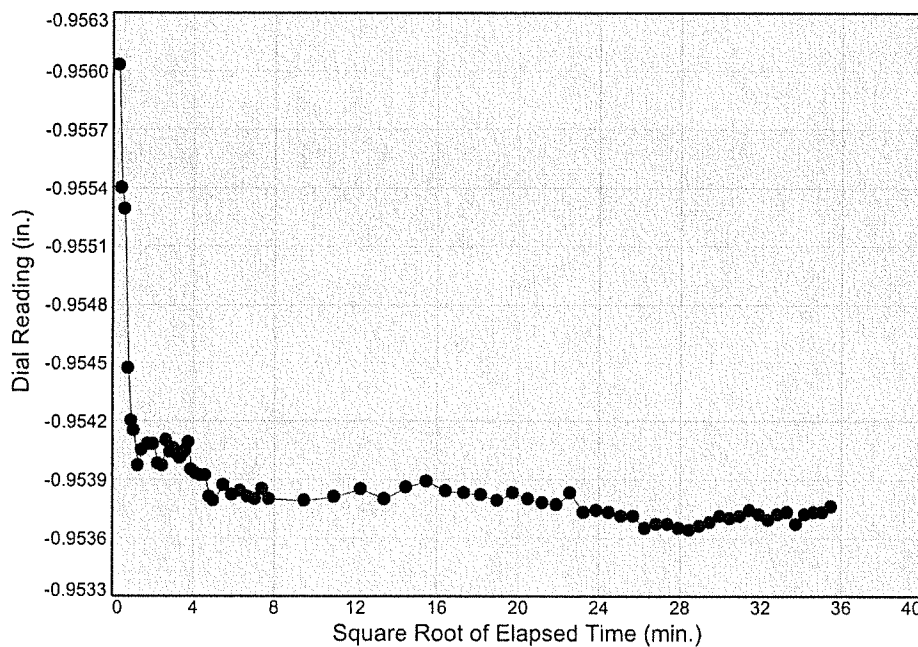
$D_{50} = -0.9560$

$D_{100} = -0.9528$

$T_{50} = 0.11 \text{ min.}$

$C_v @ T_{50}$

4.398 ft.<sup>2</sup>/day



Load No.= 10

Load= 0.50 tsf

$D_0 = -0.9569$

$D_{90} = -0.9541$

$D_{100} = -0.9538$

$T_{90} = 1.16 \text{ min.}$

$C_v @ T_{90}$

1.780 ft.<sup>2</sup>/day

# Dial Reading vs. Time

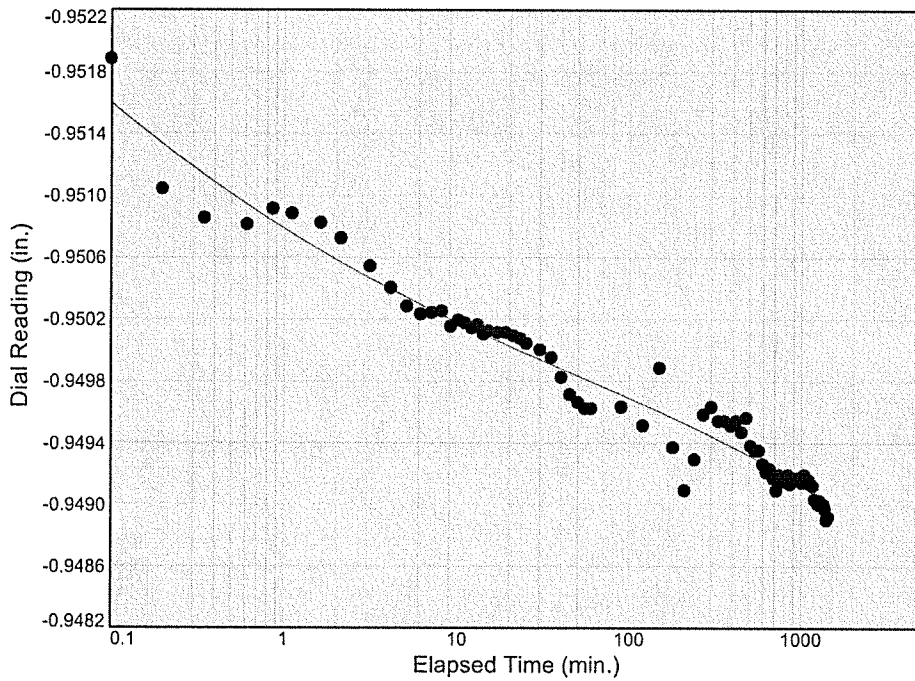
Project No.: 19722.001

Project: Roosevelt Wastewater Treatment Plant

Source of Sample: B-1

Depth: 6' - 8'

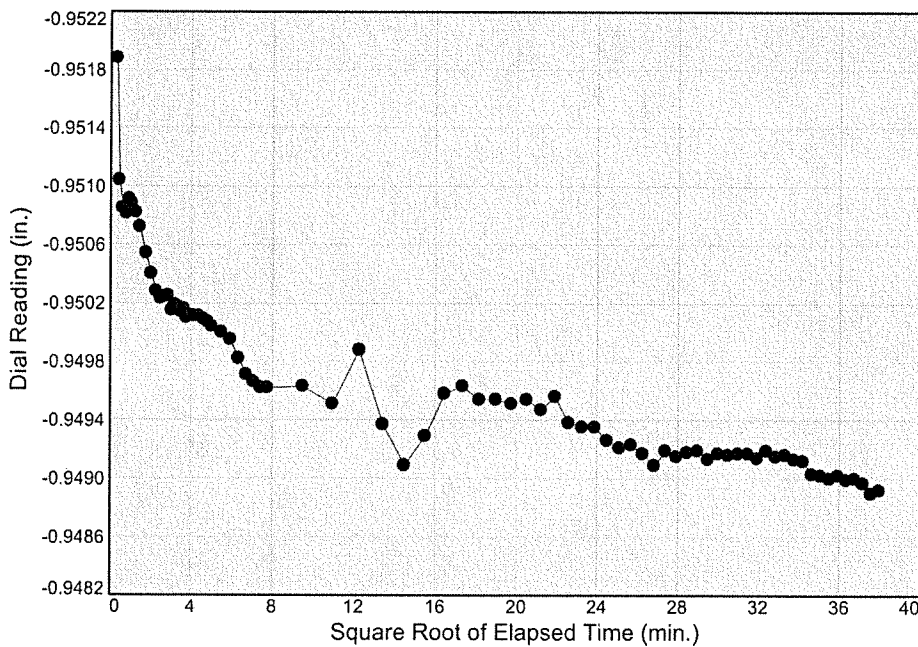
Sample Number: UD-1



Load No.= 11  
 Load= 1.00 tsf  
 $D_0 = -0.9538$   
 $D_{50} = -0.9516$   
 $D_{100} = -0.9494$   
 $T_{50} = 0.10 \text{ min.}$

$C_v @ T_{50}$   
 4.527 ft.<sup>2</sup>/day

$C_\alpha = 0.000$



Load No.= 11  
 Load= 1.00 tsf  
 $D_0 = -0.9539$   
 $D_{90} = -0.9509$   
 $D_{100} = -0.9506$   
 $T_{90} = 0.29 \text{ min.}$

$C_v @ T_{90}$   
 7.131 ft.<sup>2</sup>/day



## Dial Reading vs. Time

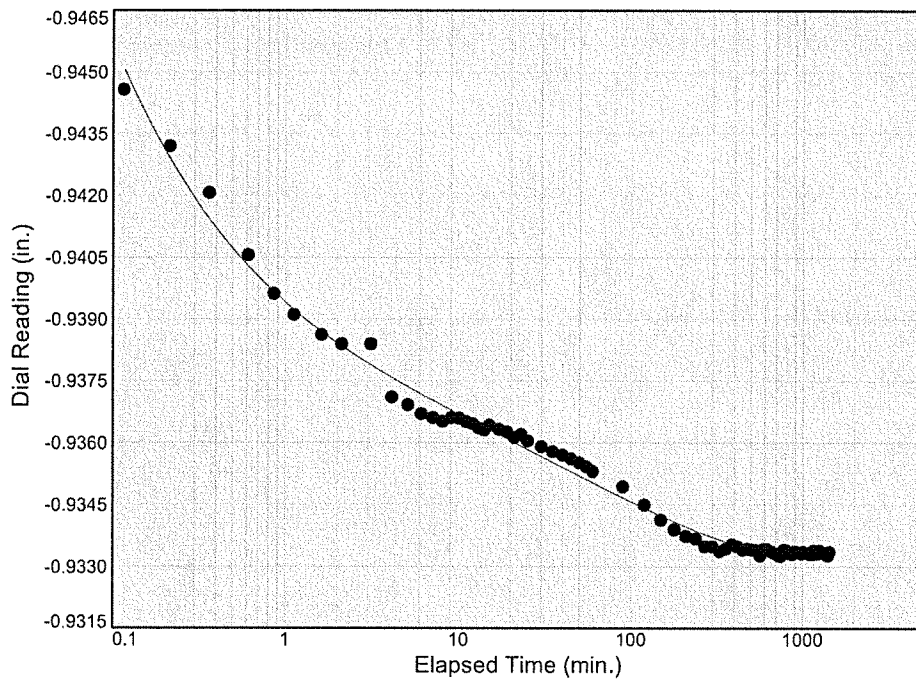
Project No.: 19722.001

Project: Roosevelt Wastewater Treatment Plant

Source of Sample: B-1

Depth: 6' - 8'

Sample Number: UD-1



Load No.= 12

Load= 2.00 tsf

$D_0 = -0.9516$

$D_{50} = -0.9427$

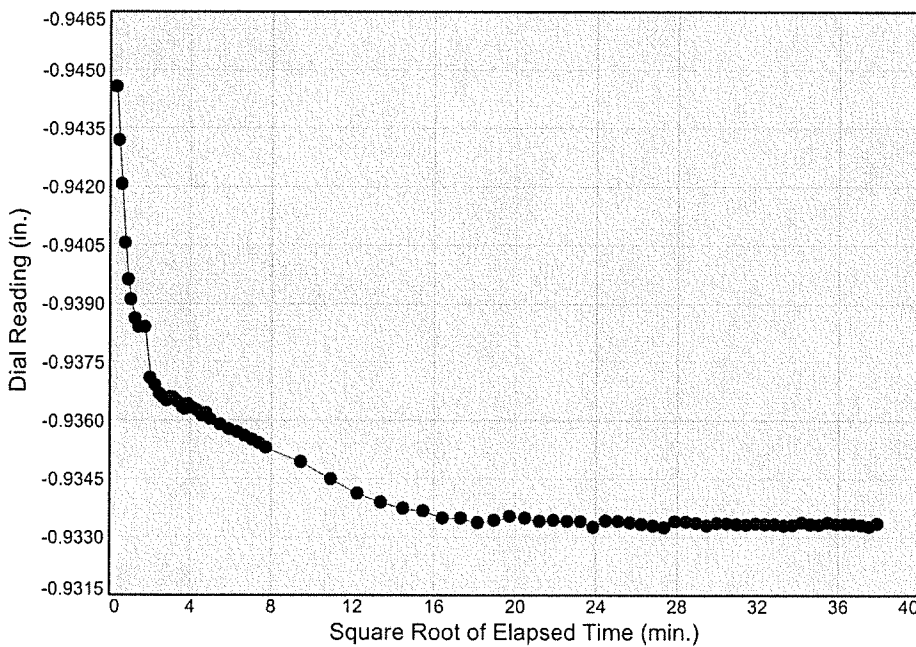
$D_{100} = -0.9337$

$T_{50} = 0.23 \text{ min.}$

$C_v @ T_{50}$

2.015 ft.<sup>2</sup>/day

$C_\alpha = 0.000$



Load No.= 12

Load= 2.00 tsf

$D_0 = -0.9456$

$D_{90} = -0.9384$

$D_{100} = -0.9376$

$T_{90} = 2.21 \text{ min.}$

$C_v @ T_{90}$

0.907 ft.<sup>2</sup>/day



Appendix C  
**Gradational  
Requirements**

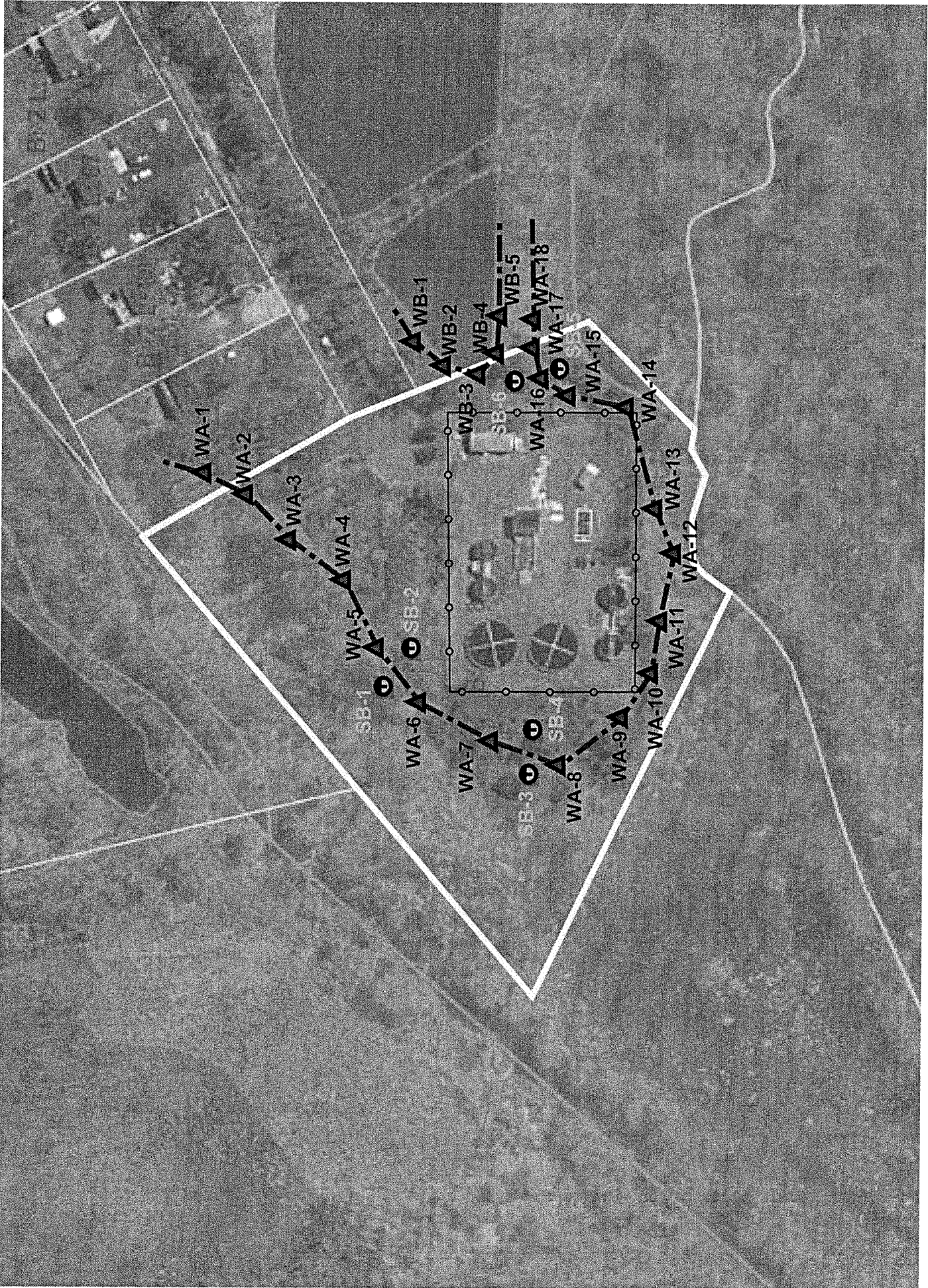
**Allowable Gradational Envelope**

**Type "G" Fill**

**GRANULAR FILL**

---

<u>U.S. Standard Sieve Size</u>	<u>Percent Finer By Weight</u>
2"	100
1"	80 – 100
3/8"	70 – 100
No. 10	50 – 100
No. 30	30 – 85
No. 60	15 – 65
No. 200	5 - 15



ORDINANCE 2023-03  
INTRODUCTION DATE: 05-15-2023  
PUBLIC HEARING DATE: 06-19-2023

AN ORDINANCE AMENDING CHAPTER 2 “ADMINISTRATION”, ARTICLE VII:  
“ADMINISTRATIVE FEES”, SUBSECTION 2-59 BOROUGH HALL RENTAL

---

C/ \_\_\_\_\_ offered the following Ordinance and moved its introduction, which was seconded by C/ \_\_\_\_\_.

**WHEREAS**, the Borough of Roosevelt (the “Borough”), as a municipal corporation, is empowered by Title 40 of the New Jersey Revised Statutes to issue and administer certain licenses and approvals, and to regulate and license certain activities within its limits; and

**WHEREAS**, the Borough charges certain fees for the provision of municipal services and the administration of its duties under New Jersey law and the Borough Code; and

**WHEREAS**, from time-to-time, pursuant to its authority under New Jersey law, it is necessary for the Borough to amend certain administrative fees to reflect changed circumstances and/or the cost(s) to the Borough of administering the applicable service or regulation;

**NOW, THEREFORE, BE IT ORDAINED** by the Governing Body of the Borough of Roosevelt, County of Monmouth, State of New Jersey, hereby amends Chapter 2 “Administration, Article VII: “Administrative Fees”, Subsection 2-59 as follows: (~~stricken text~~ indicates deletions, underlined text indicates additions):

**§2-59 BOROUGH HALL RENTAL.**

- A. ~~Availability.~~ The Borough Hall Council Meeting Room, together with its Kitchen and Restrooms, shall be available for event rental at such times as may be designated and upon such conditions as may be imposed by the Borough in its sole discretion. Eligibility. Rental is limited to all Roosevelt residents (21 years of age and older), Roosevelt-based community organizations, and former Roosevelt residents.
- B. ~~Rental Application.~~ Any person or entity seeking to schedule an event rental shall make such request upon an Application to be provided by the Borough, which shall be accompanied by the Security Deposit, and if applicable, the Rental Fee. Availability. The Borough Hall Council Meeting Room, together with its Kitchen and Restrooms, shall be available for event rental at such times as may be designated and upon such conditions as may be imposed by the Borough in its sole discretion.
- C. ~~Security Deposit.~~ All Applications shall be accompanied by a Refundable Security Deposit in the amount of \$300.00. The Borough shall have the right to retain the Security Deposit, and charge the applicant for any sum in excess of the deposit, to clean, repair, and/or restore

~~the premises to its original condition, including cleaning and sanitizing the Borough Hall Council Meeting Room, and its attendant Kitchen and Restrooms, following the event.~~  
Rental Application. Any person or entity seeking to schedule an event rental shall make such request upon an Application to be provided by the Borough, which shall be accompanied by the Security Deposit. All applications must be approved by the Borough Council prior to the requested event date. All applicants shall make application at least 3 weeks prior to their event.

- D. ~~Rental Fee.~~ All Roosevelt residents and Roosevelt-based community organizations shall be exempt from the Rental Fee. ~~All other Applications shall be submitted with a non-refundable Rental Fee in the amount of \$150.00 to cover the Borough's administrative and janitorial costs.~~ Security Deposit. All Applications shall be accompanied by a Refundable Security Deposit in the amount of \$300.00. The Borough shall have the right to retain the Security Deposit, and charge the applicant for any sum in excess of the deposit, to clean, repair, and/or restore the premises to its original condition, including cleaning the Borough Hall Council Meeting Room, Kitchen and Restroom.
- E. Alcohol Prohibited. No alcohol is permitted within Borough Hall during any event rental.
- F. Insurance. All Applications shall be accompanied by proof of insurance for the event rental, with named insured(s), provisions, and limits acceptable to the Borough's insurer(s) as may be revised from time-to-time. The Borough's current insurance requirements for event rentals are available by contacting Borough Hall during regular business hours.

**BE IT FURTHER ORDAINED** that a copy of this Ordinance, upon introduction, shall be provided to all appropriate municipal agencies for their review and comment pursuant to applicable New Jersey Statutes; and

**BE IT FURTHER ORDAINED** that any ordinances or portions thereof which are inconsistent with the provisions of this Ordinance are hereby repealed as of the effective date of this Ordinance. All other provisions of the Revised General Ordinances are ratified and remain in full force and effect; and

**BE IT FURTHER ORDAINED** that, if any provision of this Ordinance or the application of such provision to any person or circumstance is declared invalid, such invalidity shall not affect the other provisions or applications of this Ordinance which can be given effect, and to this end, the provisions of this Ordinance are declared to be severable; and

**BE IT FURTHER ORDAINED** that this ordinance shall be in full force and take effect immediately upon final passage and publication.

ATTEST:

APPROVED

\_\_\_\_\_  
Kathleen Hart, Borough Clerk

\_\_\_\_\_  
Peggy Malkin, Mayor

*BOROUGH OF ROOSEVELT  
COUNTY OF MONMOUTH  
STATE OF NEW JERSEY*

**RESOLUTION NO. 23-56  
MEETING DATE: 05-15-2023**

**PAYMENT OF BILLS FOR MAY 15, 2023**

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C/ \_\_\_\_\_ offered the following resolution and moved its adoption, which was second by C/ \_\_\_\_\_.

**WHEREAS**, the attached list of bills have been submitted to the Council for payment approval; and

**WHEREAS**, the Chief Financial Officer has certified the availability of funds for the payment of bills.

**NOW, THEREFORE, BE IT RESOLVED** that the bills on the attached bill list be paid.

**ROLL CALL:**

**AYES:**

**NAYS:**

**ABSTAIN:**

**ABSENT:**

**CERTIFICATION**

**I HEREBY CERTIFY** the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on May 15, 2023.

---

Kathleen Hart  
Borough Clerk



May 11, 2023  
11:12 AM

BOROUGH OF ROOSEVELT  
Bill List By Vendor Name

Page No: 1

5-15-23 BILL LIST

P.O. Type: All  
Range: First to Last  
Format: Condensed  
Vendors: All Include Non-Budgeted: Y  
Rcvd Batch Id Range: First to Last

Open: N Paid: N Void: N  
Rcvd: Y Held: Y Aprv: N  
Bid: Y State: Y Other: Y Exempt: Y

Vendor #	Name	PO #	PO Date	Description	Status	Amount	Void Amount	Contract	PO Type
BOROU005	BOROUGH OF HIGHTSTOWN								
		23-00240	05/08/23	SOLID WASTE CONTRACT:MAY 2023	Open	6,030.58	0.00		
		23-00241	05/09/23	LANDFILL TIPPING FEES:APR 2023	Open	<u>2,141.70</u>	0.00		
						8,172.28			
COMPL010	COMPLETE CARE MAINTENANCE, LLC								
		23-00231	05/02/23	APR 2023 SERVICES	Open	400.00	0.00		
CROSS005	CROSS OVER NETWORKS, LLC								
		23-00089	02/15/23	2023 IT SERVICES	Open	398.00	0.00		B
HOLDE005	HOLDEN, JOHN B.								
		23-00066	02/02/23	2023 WATER PLANT MANAGEMENT	Open	5,306.82	0.00		B
		23-00235	05/03/23	ADDITIONAL SERVICES-APR 2023	Open	<u>424.99</u>	0.00		
						5,731.81			
HUBLE005	HUBLER, MICHAEL								
		23-00139	03/14/23	TRUCK DECALS	Open	244.00	0.00		
INTER015	INTERSTATE WASTE SERVICES, INC								
		23-00018	01/12/23	2023 RECYCLING CONTRACT	Open	3,245.42	0.00		B
JCPL0005	JCP & L								
		23-00238	05/08/23	W/S-APR 2023 ELECTRIC SERVICE	Open	3,502.67	0.00		
KYOCE005	KYOCERA DOCUMENT SOLUTIONS AME								
		23-00226	05/01/23	KYOCERA COPIER PYMT 55 OF 60	Open	213.33	0.00		
LYONS005	LYONS ENVIRONMENTAL SERV, LLC								
		23-00062	02/01/23	2023 SEWER PLANT MANAGEMENT	Open	9,075.00	0.00		B
		23-00245	05/11/23	ADDT'L SERVICES 3/22-4/20/23	Open	589.94	0.00		
		23-00246	05/11/23	WATER TESTING 4/4/23	Open	<u>40.00</u>	0.00		
						9,704.94			
MONMO060	MONMOUTH COUNTY ASSESSORS ASSN								
		23-00237	05/05/23	2023 MEMBERSHIP DUES	Open	150.00	0.00		
MONMO020	MONMOUTH MUNICIPAL JIF								
		23-00191	04/10/23	2023 INSUR-SECOND INSTALLMENT	Open	18,341.00	0.00		
PASSA005	PASSAIC VALLEY SEWERAGE								
		23-00243	05/09/23	SLUDGE DISPOSAL-APR 2023	Open	672.00	0.00		
PEGER005	PEGER, KYLE d/b/a								
		23-00181	04/05/23	PUBLIC LAND MAINTENANCE:2023	Open	1,754.00	0.00		B



May 11, 2023  
11:12 AM

BOROUGH OF ROOSEVELT  
Bill List By Vendor Name

Page No: 2

Vendor #	Name	PO #	PO Date	Description	Status	Amount	Void Amount	Contract	PO Type
PETTY005	PETTY CASH								
		23-00228	05/01/23	REIMBURSE PETTY CASH	Open	71.25	0.00		
		23-00229	05/01/23	REIMBURSE PETTY CASH	Open	<u>17.05</u>	0.00		
						88.30			
ROBER005	ROBERTS ENGINEERING GROUP, LLC								
		23-00207	04/24/23	PREPARE SOC SAMPLING WAIVERS	Open	720.00	0.00		B
		23-00234	05/03/23	MISC WATER 3/27-4/5/23	Open	720.00	0.00		
		23-00244	05/10/23	POOL REVIEW-22 S. ROCHDALE	Open	<u>210.00</u>	0.00		
						1,650.00			
RUSSE005	RUSSELL REID, INC.								
		23-00084	02/14/23	2023 SLUDGE REMOVAL	Open	1,006.60	0.00		B
STAPL005	STAPLES BUSINESS ADVANTAGE								
		23-00227	05/01/23	OFFICE & JANITORIAL SUPPLIES	Open	140.57	0.00		
SUTPH005	SUTPHEN MEMORIAL, INC.								
		23-00015	01/12/23	2023 CEMETERY MANAGEMENT	Open	775.00	0.00		B
TOWNS015	TOWNSHIP OF MANALAPAN								
		23-00233	05/03/23	ANIMAL CONTROL-SHELTER FEE:MAR	Open	250.00	0.00		
		23-00239	05/08/23	ANIMAL CONTROL SERV-MAY 2023	Open	<u>1,000.00</u>	0.00		
						1,250.00			
UNITE005	UNITED FIRE PROTECTION CORP.								
		22-00665	11/15/22	PULL STATION & WATER GAUGES	Open	1,390.00	0.00		
		23-00242	05/09/23	SEWER-SEMI-ANNUAL INSPECTION	Open	<u>648.10</u>	0.00		
						2,038.10			
WRNEU005	W.R. NEUMANN COMPANY, INC.								
		23-00006	01/12/23	WATER-2023 SODIUM HYPOCHLORITE	Open	701.22	0.00		B
WEBOU005	WEB OUTBACK								
		23-00212	04/24/23	RESTROOM RENTAL-FEB & MAR 2023	Open	300.00	0.00		

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Total Purchase Orders: 31 Total P.O. Line Items: 0 Total List Amount: 60,479.24 Total Void Amount: 0.00

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Totals by Year-Fund							
Fund Description	Fund	Budget Rcvd	Budget Held	Budget Total	Revenue Total	G/L Total	Total
	2-09	1,390.00	0.00	1,390.00	0.00	0.00	1,390.00
	3-01	31,371.35	0.00	31,371.35	0.00	0.00	31,371.35
	3-09	<u>27,507.89</u>	<u>0.00</u>	<u>27,507.89</u>	<u>0.00</u>	<u>0.00</u>	<u>27,507.89</u>
Year Total:		58,879.24	0.00	58,879.24	0.00	0.00	58,879.24
	T-12	210.00	0.00	210.00	0.00	0.00	210.00
Total of All Funds:		<u>60,479.24</u>	<u>0.00</u>	<u>60,479.24</u>	<u>0.00</u>	<u>0.00</u>	<u>60,479.24</u>

BOROUGH OF ROOSEVELT

I, George J. Lang, Chief Financial Officer of the Borough of Roosevelt, do hereby certify that funds are available for the following bill list to be paid:

<u>Vendor</u>	<u>Budget Account</u>	<u>Total Award</u>
5/15/23 Bill List	various	\$60,479.24

  
\_\_\_\_\_  
George J. Lang  
Chief Financial Officer

Dated: 5/15/23

*BOROUGH OF ROOSEVELT  
COUNTY OF MONMOUTH  
STATE OF NEW JERSEY*

**RESOLUTION NO. 23-57  
MEETING DATE: 05-15-2023**

**RESOLUTION AUTHORIZING ROBERTS ENGINEERING GROUP, LLC TO  
PREPARE A BOROUGH-WIDE STORMWATER SYSTEM MAP FOR THE BOROUGH OF  
ROOSEVELT**

---

C/ \_\_\_\_\_ offered the following resolution and moved its adoption, which was seconded by  
C/ \_\_\_\_\_.

**WHEREAS**, the Tier A NJPDES Stormwater Permit requires mapping of the entirety of the stormwater system by January 1, 2026; and

**WHEREAS**, the Borough Engineer will review the existing stormwater map and the remaining locations that must be mapped at a cost not to exceed \$6,500.00; and

**WHEREAS**, the Borough's Chief Financial Officer has certified the availability of funds in the amount not to exceed \$6,500,00.

**NOW, THEREFORE BE IT RESOLVED**, by the Governing Body of the Borough of Roosevelt, County of Monmouth, State of New Jersey that Roberts Engineering Group, LLC is hereby authorized to complete the Borough-wide Stormwater System Map in an amount not to exceed \$6,500.00.

**BE IT FURTHER RESOLVED**, that a certified copy of this resolution be sent to the Chief Financial Officer, Purchasing Agent, and Roberts Engineering Group, LLC.

**ROLL CALL:**

**AYES:**

**NAYS:**

**ABSTAIN:**

**ABSENT:**

**CERTIFICATION**

**I HEREBY CERTIFY** the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on May 15, 2023.

---

Kathleen Hart  
Borough Clerk

BOROUGH OF ROOSEVELT

I, George J. Lang, Chief Financial Officer of the Borough of Roosevelt, do hereby certify that funds are available for the following contract to be awarded:

<u>Vendor</u>	<u>Budget Account</u>	<u>Total Award</u>
Roberts Engineering Group (Tier A NJPDES Stormwater Mapping)	Engineering-O/E	\$6,500.00

Only amounts in the temporary budget are certified as available. Amounts past the temporary budget are subject to sufficient funds being available in the adopted budget.

  
George J. Lang  
Chief Financial Officer

Dated: 5/15/23

*BOROUGH OF ROOSEVELT  
COUNTY OF MONMOUTH  
STATE OF NEW JERSEY*

**RESOLUTION NO. 23-58  
MEETING DATE: 05-15-2023**

**RESOLUTION AUTHORIZING ROBERTS ENGINEERING GROUP, LLC TO PREPARE AN  
APPLICATION FOR THE NEW JERSEY DEPARTMENT OF TRANSPORTATION (NJDOT)  
MUNICIPAL AID GRANT FISCAL YEAR 2024**

---

C/ \_\_\_\_\_ offered the following resolution and moved its adoption, which was seconded by  
C/ \_\_\_\_\_.

**WHEREAS**, the Borough Engineer has recommended an application be prepared to the New Jersey Department of Transportation (“NJDOT”) and be submitted on or before July 1, 2023; and

**WHEREAS**, the Borough Engineer has made recommendation for Lake Drive and Spruce Lane;  
and

**WHEREAS**, the Borough Engineer has provided a cost not to exceed \$4,000.00; and

**WHEREAS**, the Borough’s Chief Financial Officer has certified the availability of funds in the amount not to exceed \$4,000.00; and

**WHEREAS**, the Borough’s Governing Body supports moving forward with the NJDOT Application for Municipal Aid Grant for fiscal year 2024 for Lake Drive and Spruce Lane.

**NOW, THEREFORE BE IT RESOLVED**, by the Governing Body of the Borough of Roosevelt, County of Monmouth, State of New Jersey that Roberts Engineering Group, LLC is hereby authorized to prepare an application for the NJDOT Application for Municipal Aid Grant for fiscal year 2024.

**BE IT FURTHER RESOLVED**, that a certified copy of this resolution be sent to the Chief Financial Officer, Purchasing Agent, and Roberts Engineering Group, LLC.

**ROLL CALL:**

**AYES:**

**NAYS:**

**ABSTAIN:**

**ABSENT:**

**CERTIFICATION**

**I HEREBY CERTIFY** the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on May 15, 2023.

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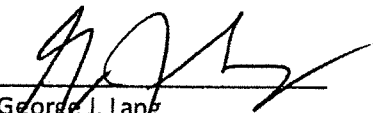
Kathleen Hart  
Borough Clerk

BOROUGH OF ROOSEVELT

I, George J. Lang, Chief Financial Officer of the Borough of Roosevelt, do hereby certify that funds are available for the following contract to be awarded:

<u>Vendor</u>	<u>Budget Account</u>	<u>Total Award</u>
Roberts Engineering Group (FY2024 NJDOT Grant Applic for Lake Drive & Spruce Court)	Engineering-O/E	4,000.00

Only amounts in the temporary budget are certified as available. Amounts past the temporary budget are subject to sufficient funds being available in the adopted budget.

  
George J. Lang  
Chief Financial Officer

Dated: 5/15/23

*BOROUGH OF ROOSEVELT  
COUNTY OF MONMOUTH  
STATE OF NEW JERSEY*

**RESOLUTION NO. 23-59  
MEETING DATE: 05-15-2023**

**RESOLUTION AUTHORIZING ROBERTS ENGINEERING GROUP, LLC TO PREPARE AN  
APPLICATION FOR THE NEW JERSEY DEPARTMENT OF TRANSPORTATION (NJDOT)  
LOCAL TRANSPORTATION PROJECT FUND**

---

C/ \_\_\_\_\_ offered the following resolution and moved its adoption, which was seconded by  
C/ \_\_\_\_\_.

**WHEREAS**, the Borough Engineer has recommended an application be prepared to the New Jersey Department of Transportation (“NJDOT”) Local Transportation Project fund and be submitted on or before June 30, 2023; and

**WHEREAS**, the Borough Engineer has made recommendation for Rochdale Avenue Curbs and Sidewalks; and

**WHEREAS**, the Borough Engineer has provided a cost not to exceed \$3,500.00; and

**WHEREAS**, the Borough’s Chief Financial Officer has certified the availability of funds in the amount not to exceed \$3,500.00; and

**WHEREAS**, the Borough’s Governing Body supports moving forward with the NJDOT Application for Local Transportation Project Fund for Rochdale Avenue Curbs and Sidewalks.

**NOW, THEREFORE BE IT RESOLVED**, by the Governing Body of the Borough of Roosevelt, County of Monmouth, State of New Jersey that Roberts Engineering Group, LLC is hereby authorized to prepare an application for the NJDOT Local Transportation Project Fund.

**BE IT FURTHER RESOLVED**, that a certified copy of this resolution be sent to the Chief Financial Officer, Purchasing Agent, and Roberts Engineering Group, LLC.

**ROLL CALL:**

**AYES:**

**NAYS:**

**ABSTAIN:**

**ABSENT:**

**CERTIFICATION**

**I HEREBY CERTIFY** the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on May 15, 2023.

---

Kathleen Hart  
Borough Clerk

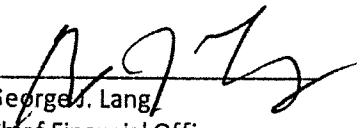


BOROUGH OF ROOSEVELT

I, George J. Lang, Chief Financial Officer of the Borough of Roosevelt, do hereby certify that funds are available for the following contract to be awarded:

<u>Vendor</u>	<u>Budget Account</u>	<u>Total Award</u>
Roberts Engineering Group (FY2024 NJDOT Local Transportation Project Fund for Rochdale Avenue Curbs and Sidewalks)	Engineering-O/E	\$3,500.00

Only amounts in the temporary budget are certified as available. Amounts past the temporary budget are subject to sufficient funds being available in the adopted budget.

  
George J. Lang  
Chief Financial Officer

Dated: 5/15/23

**RESOLUTION NO. 23-60**  
**MEETING DATE: 05-15-2023**

**RESOLUTION APPROVING VENDOR CONTRACT FOR SERVICES WITH  
THE NEW JERSEY DEPARTMENT OF COMMUNITY AFFAIRS FOR THE  
LOW INCOME HOUSEHOLD WATER ASSISTANCE PROGRAM  
IN ACCORDANCE WITH NEWLY ADOPTED STATE LAW**

---

C/ \_\_\_\_\_ offered the following resolution and moved its adoption, which was seconded by C/ \_\_\_\_\_.

**WHEREAS**, the Borough of Roosevelt, County of Monmouth, State of New Jersey (the “Borough”) is a public entity in the business of supplying water and/or wastewater related services to customers; and

**WHEREAS**, the Low-Income Household Water Assistance Program (“LIHWAP”) is administered by the New Jersey Department of Community Affairs (the “DCA”) for the benefit of qualifying residential customers of publicly-owned utility systems; and

**WHEREAS**, LIHWAP benefits assist low-income households that are paying a high proportion of their income for drinking water and wastewater services; and

**WHEREAS**, qualified residential customers approved for LIHWAP by the DCA receive a benefit to pay arrears based upon the actual amount of water and/or sewer arrears up to a maximum of \$4,000 per water or sewer provider, or \$8,000 if water and sewer services are combined; and

**WHEREAS**, P.L. 2023, c. 33, signed into law by Governor Murphy on April 5, 2023, requires that all publicly-owned utility systems that directly bill residential ratepayers for water and/or sewer sign a vendor contract with the DCA to participate in LIHWAP; and

**WHEREAS**, the failure to execute the vendor contract and accept LIHWAP payments made on behalf of a qualified customer will prohibit the publicly-owned utility system from shutting off the water of any residential customer or placing, selling, or enforcing a lien on real property for the unpaid balance of water or sewer charges of any residential customer, regardless of the residential customer’s eligibility for LIHWAP; and

**WHEREAS**, the Borough’s utility systems are subject to the newly adopted State law, and the DCA has provided the Borough with a Vendor Contract, attached hereto as Exhibit A, to comply with the new State law and the Borough’s required participation in LIHWAP; and

**WHEREAS**, the Borough finds that approval of the aforesaid Vendor Contract with DCA is required by law and in the best interests of the operation of the Borough’s utility systems;

**NOW THEREFORE, BE IT RESOLVED**, that the Governing Body of the Borough of Roosevelt hereby approves the Vendor Contract attached hereto as Exhibit A between the Borough and the DCA for LIHWAP, and authorizes the Mayor to execute same on behalf of the Borough; and

**BE IT FURTHER RESOLVED**, that the executed Vendor Contract shall be forwarded to the Borough CFO, Purchasing Agent, Water Utility Operator, Sewer Utility Operator, and the New Jersey Department of Community Affairs.

**ROLL CALL:**

**AYES:**

**NAYS:**

**ABSTAIN:**

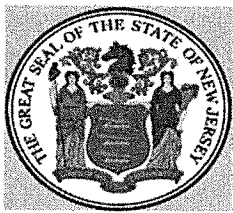
**ABSENT:**

**CERTIFICATION**

**I HEREBY CERTIFY** the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on May 15, 2023.

---

Kathleen Hart  
Borough Clerk



New Jersey Department of Community Affairs  
 Division of Housing and Community Resources



Low Income Household Water Assistance Program (LIHWAP)  
 101 South Broad Street  
 Trenton, NJ 08625  
 LIHWAP@dca.nj.gov

**CONTRACT FOR SERVICES**  
**BETWEEN Low Income Household Water Assistance Program ("LIHWAP")**  
**NJ DEPARTMENT OF COMMUNITY AFFAIRS**  
**AND**  
**BOROUGH OF ROOSEVELT ("Vendor")**

This Vendor Contract is entered into by and between the State of New Jersey, Department of Community Affairs, Division of Housing and Community Resources under the following terms:

1. Definitions

- a) Department means the New Jersey Department of Community Affairs.
- b) Division means the Division of Housing and Community Resources.
- c) LIHWAP means the Low-Income Household Water Assistance Program.
- d) LIHWAP payment includes home drinking water and wastewater benefits.
- e) Vendor means any private or public entity in the business of supplying water and/or wastewater related services to customers.
- f) LIHEAP means the Low-Income Home Energy Assistance Program.

2. The Division agrees to the following:

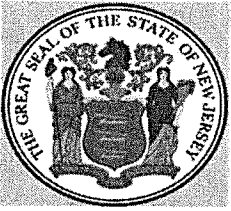
- a) To provide funds for LIHWAP.
- b) To assign a vendor number/business code to each Vendor after the contract is signed.
- c) To issue to a Vendor a single check or Automated Clearing House (ACH) payment that includes benefits for all LIHWAP eligible households. A payment register shall precede the check or ACH deposit. The register includes the name of the LIHWAP applicant, the account name and number, the amount(s) to be applied to each customer, and the address and county of residence of the applicant.

3. The Vendor agrees to the following:

- a) To provide water and/or wastewater services to each eligible residential household in an amount equal to the LIHWAP payment received in the current program year.
- b) To charge LIHWAP eligible households using the Vendor's normal billing process.
- c) To charge all LIHWAP eligible households the price normally charged for home drinking water and/or wastewater supplied to non-eligible households.
- d) Not to discriminate against a LIHWAP eligible household with respect to terms, deferred payment plans, credit, conditions of sale or discounts offered to other customers.
- e) To provide to the Division, upon request, with written reconciliation and confirmation that benefits have been credited appropriately to households and their services have been restored, if terminated, on a timely basis or disconnection status has been removed, if applicable.
- f) To apply LIHWAP payments identified in the payment schedule as directed by the Agency and/or Division.
- g) To post all payments to customer accounts within 3-5 business days upon receipt of payment register.
- h) To clearly enter on LIHWAP households' bill the amount of LIHWAP payment(s) received in a manner which identifies the payment as received from the New Jersey Low Income Household Water Assistance Program or LIHWAP.
- i) To restore water services upon receiving LIHWAP payment, whether or not the payment resolved the arrears in its entirety, and to maintain services for at least 180 days. For those customers whose LIHWAP payment did not resolve the arrears in its entirety, the vendor shall immediately enter into a Deferred Payment Agreement (DPA) for the remaining arrears.
- j) Not to charge late fees, interest and penalty charges on outstanding amounts not covered by LIHWAP benefits.
- k) To provide monthly statements to LIHWAP households clearly indicating the cost of home drinking water and/or wastewater services provided.
- l) To send all refunds in compliance with LIHWAP Vendor refund policies no later than September 30, 2022.



- m) To comply with LIHWAP Vendor refund policies, maintain supporting fiscal records for five years, or such longer period as may be required pursuant to law, and provide records to Division representatives upon request.
  - n) To fully cooperate with the Division's monitoring practices, including but not limited to, providing requested documentation within set time frames, as well as communicating with Division staff.
  - o) To provide at no cost to the Department, Division, or its Agencies and the customer, written information on an applicant household's home drinking water and/or wastewater costs, arrearage history for no more than the previous 12 monthly billing periods.
  - p) To comply with all New Jersey laws, regulation, or other requirements pertaining to the supply of home drinking water and/or wastewater services for residential use. In the event of any dispute between the Department, Division or its Agencies and the Vendor, New Jersey law shall govern and the venue for any legal action arising out of this contract shall be At the Department of Community Affairs, Division of Housing and Community Resources, 101 South Broad Street, Trenton, New Jersey.
  - q) To provide, within a timely manner and at no cost to the Department, Division or its Agencies, information on household water and/or wastewater costs and usage for participants of LIHWAP at the Department's request for purposes of research, evaluation, and analysis.
  - r) To report to the Department, Division or its Agencies situations that threaten life, health, or safety.
  - s) To cooperate with the Department, Division and/or its Agencies in developing procedures to respond to immediate and potential emergencies, which includes the provision of household water and/or wastewater services based on the documented promise to pay using LIHWAP funds.
  - t) To cooperate with the Agency in providing home drinking water and/or wastewater services to eligible households.
  - u) To provide in writing to the Department, Division or its Agencies with business practice and contact information and to notify the Division of any changes.
  - v) To comply with the terms of this contract for customers who have LIHWAP payments transferred from another Vendor.
  - w) To notify the Department, Division, or its Agencies of mergers and/or acquisitions. Mergers and/or acquisitions may affect the company's policies and service areas. Submission of a new vendor contract may be required within ten business days, reflecting such policy and service area changes.
  - x) To hold the Division harmless and to indemnify the Division, the Department, its Agencies, officers and employees against any and all claims, suits, actions, liabilities and costs of any kind, including attorney's fees, for personal injury or damage to property arising from the acts or omissions of Vendor, or its agents, office, employees or subcontractor. Notwithstanding anything else herein to the contrary, in no event will either party be liable to the other for any incidental, indirect, special, consequential, punitive damages, or lost profits.
4. Length of Contract
- a) This contract is in effect from the date it is executed until terminated as described in the 'Termination' section.
5. Termination
- a) This contract will terminate effective immediately at the discretion of the Department, Division or its Agencies, upon determination that the Vendor is not in compliance with the terms of this contract. The Vendor will be notified in writing within ten business days of termination.
6. Entire Contract
- a) It is understood and agreed that the entire contract between the parties is contained in this Vendor Contract.
  - b) This contract supersedes all previous commitments, promises, representations, either oral or written, between the parties relating to the subject matter hereof.
  - c) The person signing this contract, on behalf of the Vendor, certifies and attests that they have full and complete authority to bind the Vendor, on whose behalf they are executing this document.
7. Each local authority or municipal utility shall enter into a vendor contract with the department and participate in the program, as required under the vendor contract. Notwithstanding any provision of law or regulation to the contrary, and to the extent permitted under federal law, the vendor contract shall not prohibit a local authority or municipal utility from undertaking any of the following actions after September 30, 2023:
- (1) assessing interest on the unpaid balance of the water or wastewater service charges of any qualifying customer, except as otherwise provided in paragraph (3) of subsection g. of this section;



- (2) discontinuing the water or wastewater service of any qualifying customer for non-payment, except in the case of a qualifying customer who is enrolled in a deferred payment agreement with the local authority or municipal utility and complies with all requirements of the agreement; or
- (3) placing, selling, or enforcing a lien on real property for the unpaid balance of the water or wastewater service charges of any qualifying customer.

*By typing my name in the provided field, I indicate that I am the person named, and this entry is the legal equivalent of a manual/handwritten signature. I further understand that I may print the document and sign by hand.*

Vendor Signature	Date (mm/dd/yyyy)
New Jersey LIHWAP Signature	Date (mm/dd/yyyy)

**Low Income Household Water Assistance Program (LIHWAP) Vendor Refund Policy**

1. Credit Balances - If no change occurs in the residence of the LIHWAP recipient and the recipient retains the same supplier with an active account, the credit balance of LIHWAP funds remains with the Vendor until exhausted.
2. Unclaimed Credit Balances - In the event there is a balance of LIHWAP funds remaining on an account AND the account becomes inactive, AND the Vendor is unable to locate the customer, the balance of the funds is to be returned, by check, to the Division by the end of each program year (September 30). The returned check shall include all information listed in item number seven of this Refund Policy.
3. Move Within State and Change of Water and/or Wastewater Services Provider - If the LIHWAP recipient changes water and/or wastewater services providers or moves to another residence within the state and has a relationship with a new provider, the Vendor holding the credit balance of the LIHWAP payment(s) must transfer the balance to the new water and/or wastewater services provider (Vendor) or new account.
4. Move and No Relationship with Vendor - When a LIHWAP recipient moves his or her household and as a result the recipient has no direct relationship with a Vendor, any credit balance of LIHWAP payments is to be returned by check to the Division with the information listed in number seven of this Refund Policy.
5. Move Out of State - When a LIHWAP recipient moves out of New Jersey, any credit balance of LIHWAP payments shall be returned by check to the Division with the information listed in number seven of this Refund Policy.
6. Deceased Recipient - In the event a credit balance remains, and the account is closed, the credit balance will be refunded to the program no later than the end of the program year (September 30). Submit a check to the Division with the information listed in number seven of this Refund Policy.



7. Return Address for Refunds to the State of New Jersey - Mail refunds to:

NJ Department of Community Affairs  
Division of Housing and Community Resources  
Low-Income Household Water Assistance Program  
ATTN: LIHWAP REFUND  
101 South Broad Street (5<sup>th</sup> Floor)  
Trenton, NJ 08625-0811

Refunds must include the following information: Customer name, Customer address, Date of LIHWAP payment to Vendor, Reason for the return.

8. Vendor Payments – All LIHWAP payments made to a Vendor shall be applied to current water and/or wastewater services costs. LIHWAP payments that exceed current costs shall be applied as credit to the customers' account. Credit balances shall be handled in accordance with the policies of this contract. Any balance remaining shall be credited to the customers' account.
9. Incorrect Payments – All Vendors are required to review the weekly payment register for accuracy of LIHWAP payments. In the event a payment is made in error, the Vendor shall contact the Division's Help Desk at [LIHWAP@dca.nj.gov](mailto:LIHWAP@dca.nj.gov). Contact must occur within 30 days to correct the error. If payments are made in error, any corrections needed will be determined by the Division.

BOROUGH OF ROOSEVELT  
COUNTY OF MONMOUTH  
STATE OF NEW JERSEY

**RESOLUTION NO. 23-61**  
**MEETING DATE: 05-15-2023**

**RESOLUTION AUTHORIZING TEMPORARY EMERGENCY APPROPRIATIONS #2**

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C/ \_\_\_\_\_ offered the following resolution and moved its adoption, which was second by  
C/ \_\_\_\_\_.

WHEREAS, N.J.S.A. 40A:4-20 provides that in addition to temporary appropriations necessary for the period prior to the adoption of the budget and regular appropriations, the Governing Body may, by resolution adopted by 2/3 vote of the full membership thereof, make emergency temporary appropriations for any purposes for which the appropriations may lawfully be made for the period between the beginning of the current fiscal year and the date of the adoption of the budget for said year; and

WHEREAS, the total emergency resolutions adopted in the year 2023 pursuant to the provisions of Chapter 96, P.L. 1951 (N.J.S.A. 40A:4-20) including this resolution total \$321,446.00.

NOW, THEREFORE, BE IT RESOLVED by the Governing Body of the Borough of Roosevelt, that in accordance with the provisions of N.J.S.A. 40A:4-20, the Chief Financial Officer be authorized to make the following emergency temporary budget appropriations in the 2023 current fund Water Sewer Utility Operating temporary budgets and that said amount be included under the correct headings in the municipal budget as adopted:

CURRENT FUND:

General Administration– Salaries and Wages	20,000.00
General Administration– Other Expenses	4,000.00
Borough Clerk-Salaries and Wages	10,000.00
Financial Administration-Salaries and Wages	10,000.00
Revenue Administration-Salaries and Wages	5,000.00
Tax Assessment-Salaries and Wages	5,000.00
Engineer– Other Expenses	15,000.00
Zoning Officer-Salaries and Wages	1,000.00
Code Enforcement-Salaries and Wages	500.00
Liability Insurance– Other Expenses	7,000.00
Workers Compensation– Other Expenses	4,000.00
Recycling– Other Expenses	19,000.00
Recreation-Salaries and Wages	5,000.00
Telephone– Other Expenses	2,000.00
Celebration of Public Events– Other Expenses	2,000.00
Public Employees Retirement System	19,946.00
Fire Protection – Millstone	25,000.00
Interest on Bonds	1,000.00
Animal Control Manalapan-Other Expenses	6,000.00
Solid Waste (Hightstown)-Other Expenses	19,000.00



WATER-SEWER OPERATING FUND:

Other Expenses

120,000.00

BE IT FURTHER RESOLVED, that one certified copy of this resolution be filed with the Director of Local Government Services and one certified copy with the Chief Financial Officer.

**ROLL CALL:**

**AYES:**

**NAYS:**

**ABSTAIN:**

**ABSENT:**

**CERTIFICATION**

I hereby certify the foregoing to be a true copy of a resolution adopted by the Borough Council at a meeting held on May 15, 2023.

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Kathleen Hart  
Borough Clerk

*BOROUGH OF ROOSEVELT  
COUNTY OF MONMOUTH  
STATE OF NEW JERSEY*

**ORDINANCE NO. 2023-XX  
INTRODUCTION DATE: 0XX-XX-XXXX  
PUBLIC HEARING DATE: XX-XX-XXXX**

**AN ORDINANCE OF THE BOROUGH OF ROOSEVELT AUGMENTING  
THE BOROUGH CODE TO INCLUDE NEW SECTION 9-22: “YARD WASTE  
COLLECTION” UNDER CHAPTER 9: “REFUSE AND RECYCLING” TO ESTABLISH  
STANDARDS FOR THE COLLECTION OF YARD WASTE WITHIN THE BOROUGH**

C/ \_\_\_\_\_ offered the following Ordinance and moved its introduction, which was seconded by C/ \_\_\_\_\_.

**BE IT ORDAINED** by the Governing Body of the Borough of Roosevelt, County of Monmouth, State of New Jersey, that the Borough’s Revised General Ordinances are hereby amended and augmented to include new section 9-22: “Yard Waste Collection” as follows:

**CHAPTER 9**

**REFUSE AND RECYCLING**

\* \* \*

**§ 9-22 YARD WASTE COLLECTION.**

This Section shall establish yard waste collection standards within the Borough of Roosevelt, so as to protect public health, safety and welfare, and to prescribe penalties for violations thereof.

**§ 9-22.1 Definitions.**

For the purpose of this Section, the following terms, phrases, words and their derivations shall have the meanings stated herein unless their use in the text of this Section clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The word “shall” is always mandatory and not merely directory.

- A. **Containerized** – means the placement of yard waste in a trash can, bucket, bag or other vessel, such as to prevent the yard waste from spilling or blowing out into the street and coming into contact with stormwater.
- B. **Person** – any individual, corporation, company, partnership, firm, association, or political subdivision of this State subject to municipal jurisdiction.
- C. **Street** – means any street, avenue, boulevard, road, parkway, viaduct, drive, or other way, which is an existing State, county, or municipal roadway, and includes the land between the street lines, whether improved or unimproved, and may comprise pavement, shoulders, gutters, curbs, sidewalks, parking areas, and other areas within the street lines.

D. **Yard Waste** –means leaves and grass clippings.

**§ 5-14.2 Yard Waste Collection.**

Sweeping, raking, blowing or otherwise placing yard waste that is not containerized at the curb or along the street is only allowed during the seven (7) days prior to a scheduled and announced collection, and shall not be placed closer than 10 feet from any storm drain inlet. Placement of such yard waste at the curb or along the street at any other time or in any other manner is a violation of this Section. If such placement of yard waste occurs, the party responsible for placement of the yard waste must remove the yard waste from the street or said party shall be deemed in violation of this Section.

**§ 5-14.3 Enforcement.**

This Section shall be enforced by the New Jersey State Police and/or the Borough's Code Enforcement Officer.

**§ 5-14.4 Violations and Penalties.**

Any person(s) who is found to be in violation of the provisions of this Section shall be subject to a fine not to exceed \$500.00 for a first offense; \$1,000.00 for a second offense; and \$2,000.00 for a third or subsequent offense.

**BE IT FURTHER ORDAINED** that any ordinances or portions thereof which are inconsistent with the provisions of this Ordinance are hereby repealed as of the effective date of this Ordinance. All other provisions of the Revised General Ordinances are ratified and remain in full force and effect.

**BE IT FURTHER ORDAINED** that, if any provision of this Ordinance or the application of such provision to any person or circumstance is declared invalid, such invalidity shall not affect the other provisions or applications of this Ordinance which can be given effect, and to this end, the provisions of this Ordinance are declared to be severable.

**BE IT FURTHER ORDAINED** that this Ordinance shall be in full force and take effect immediately upon final passage and publication.

ATTEST:

APPROVED

\_\_\_\_\_  
Kathleen Hart, Borough Clerk

\_\_\_\_\_  
Peggy Malkin, Mayor

**PUBLIC NOTICE**

**PLEASE TAKE NOTICE** that the foregoing Ordinance was introduced and passed on first reading on the \_\_\_\_\_ day of \_\_\_\_\_ 2023, at a meeting of the Mayor and Council of the Borough of Roosevelt and will be taken up for final consideration and passage at a regularly scheduled meeting of the Mayor and Council of the Borough of Roosevelt to be held on the \_\_\_\_\_ day of \_\_\_\_\_ 2023 at the Municipal Building at 33 N. Rochdale Avenue, Roosevelt, New Jersey.

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Kathleen Hart, Borough Clerk

*BOROUGH OF ROOSEVELT  
COUNTY OF MONMOUTH  
STATE OF NEW JERSEY*

**ORDINANCE NO. 2023-XX  
INTRODUCTION DATE: XX-XX-XXXX  
PUBLIC HEARING DATE: XX-XX-XXXX**

**AN ORDINANCE OF THE BOROUGH OF ROOSEVELT AUGMENTING  
THE BOROUGH CODE TO INCLUDE NEW SECTION 12-7: "SALT STORAGE"  
UNDER CHAPTER 12: "PROPERTY MAINTENANCE" TO ESTABLISH STANDARDS  
FOR THE STORAGE OF SALT AND OTHER SOLID DE-ICING MATERIALS**

C/ \_\_\_\_\_ offered the following Ordinance and moved its introduction, which was seconded by C/ \_\_\_\_\_.

**BE IT ORDAINED** by the Governing Body of the Borough of Roosevelt, County of Monmouth, State of New Jersey, that the Borough's Revised General Ordinances are hereby amended and augmented to include new section 12-7: "Salt Storage" under Chapter 12: "Property Maintenance" as follows:

**CHAPTER 12**

**PROPERTY MAINTENANCE**

\* \* \*

**§ 12-7 SALT STORAGE.**

The purpose of this Section is to prevent stored salt and other solid de-icing materials from being exposed to stormwater. This Section establishes requirements for the storage of salt and other solid de-icing materials on privately-owned properties not owned or operated by the Borough of Roosevelt, so as to protect the environment, public health, safety and welfare, and to prescribe penalties for failure to comply.

**§ 12-7.1 Definitions.**

For the purpose of this Section, the following terms, phrases, words and their derivations shall have the meanings stated herein unless their use in the text of this Section clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

- A. **De-Icing Materials** – means any granular or solid material such as melting salt or any other granular solid that assists in the melting of snow.
- B. **Impervious Surface** – means a surface that has been covered with a layer of material so that it is highly resistant to infiltration by water.
- C. **Storm Drain Inlet** – means the point of entry into the storm sewer system.

*BOROUGH OF ROOSEVELT  
COUNTY OF MONMOUTH  
STATE OF NEW JERSEY*

**ORDINANCE NO. 2023-XX  
INTRODUCTION DATE: XX-XX-XXXX  
PUBLIC HEARING DATE: XX-XX-XXXX**

**AN ORDINANCE OF THE BOROUGH OF ROOSEVELT AUGMENTING  
THE BOROUGH CODE TO INCLUDE NEW SECTION 5-14: "WILDLIFE FEEDING"  
UNDER CHAPTER 5: "ANIMAL CONTROL" TO PROHIBIT THE FEEDING OF  
UNCONFINED WILDLIFE IN PUBLIC PARKS AND/OR ON PUBLIC PROPERTY**

C/\_\_\_\_\_ offered the following Ordinance and moved its introduction, which was seconded by C/\_\_\_\_\_.

**BE IT ORDAINED** by the Governing Body of the Borough of Roosevelt, County of Monmouth, State of New Jersey, that the Borough's Revised General Ordinances are hereby amended to include new section 5-14: "Wildlife Feeding" as follows:

**CHAPTER 5**  
**ANIMAL CONTROL**

\* \* \*

**§ 5-14 WILDLIFE FEEDING.**

This Section shall prohibit the feeding of unconfined wildlife in any public park or on any other property owned or operated by Borough of Roosevelt to protect public health, safety and welfare, and to prescribe penalties for failure to comply.

**§ 5-14.1 Definitions.**

For the purpose of this Section, the following terms, phrases, words and their derivations shall have the meanings stated herein unless their use in the text of this Section clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

- A. **Feed** – to give, place, expose, deposit, distribute or scatter any edible material with the intention of feeding, attracting or enticing wildlife. Feeding does not include baiting in the legal taking of fish and/or game.
- B. **Person** – any individual, corporation, company, partnership, firm, association, or political subdivision of this State subject to municipal jurisdiction.
- C. **Wildlife** – all animals that are neither human nor domesticated.

**§ 5-14.2 Prohibited Conduct.**

No person shall feed, in any public park or on any other property owned or operated by the Borough of Roosevelt, any wildlife, excluding confined wildlife (for example, wildlife confined in zoos, parks or rehabilitation centers, or unconfined wildlife at environmental education centers, or feral cats as part of an approved Trap-Neuter-Release program).

**§ 5-14.3 Enforcement.**

- A. This Section shall be enforced by the New Jersey State Police and/or the Borough's Code Enforcement Officer.
- B. Any person found to be in violation of this Section shall be ordered to cease the feeding immediately.

**§ 5-14.4 Violations and Penalties.**

Any person(s) who is found to be in violation of the provisions of this Section shall be subject to a fine not to exceed \$500.00 for a first offense; \$1,000.00 for a second offense; and \$2,000.00 for a third or subsequent offense.

**BE IT FURTHER ORDAINED** that any ordinances or portions thereof which are inconsistent with the provisions of this Ordinance are hereby repealed as of the effective date of this Ordinance. All other provisions of the Revised General Ordinances are ratified and remain in full force and effect.

**BE IT FURTHER ORDAINED** that, if any provision of this Ordinance or the application of such provision to any person or circumstance is declared invalid, such invalidity shall not affect the other provisions or applications of this Ordinance which can be given effect, and to this end, the provisions of this Ordinance are declared to be severable.

**BE IT FURTHER ORDAINED** that this ordinance shall be in full force and take effect immediately upon final passage and publication.

ATTEST:

APPROVED

\_\_\_\_\_  
Kathleen Hart, Borough Clerk

\_\_\_\_\_  
Peggy Malkin, Mayor

**PUBLIC NOTICE**

**PLEASE TAKE NOTICE** that the foregoing Ordinance was introduced and passed on first reading on the \_\_\_\_\_ day of \_\_\_\_\_ 2023, at a meeting of the Mayor and Council of the Borough of Roosevelt and will be taken up for final consideration and passage at a regularly scheduled meeting of the Mayor and Council of the Borough of Roosevelt to be held on the \_\_\_\_\_ day of \_\_\_\_\_ 2023 at the Municipal Building at 33 N. Rochdale Avenue, Roosevelt, New Jersey.

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Kathleen Hart, Borough Clerk



- D. **Permanent Structure** –means a permanent building or permanent structure that is anchored to a permanent foundation with an impermeable floor, and that is completely roofed and walled (new structures require a door or other means of sealing the access way from wind driven rainfall). A fabric frame structure is a permanent structure if it meets the following specifications:
1. Concrete blocks, jersey barriers or other similar material shall be placed around the interior of the structure to protect the side walls during loading and unloading of de-icing materials;
  2. The design shall prevent stormwater run-on and run through, and the fabric cannot leak;
  3. The structure shall be erected on an impermeable slab;
  4. The structure cannot be open sided; and
  5. The structure shall have a roll up door or other means of sealing the access way from wind driven rainfall.
- E. **Person** – any individual, corporation, company, partnership, firm, association, or political subdivision of this State subject to municipal jurisdiction.

**§ 12-7.2 De-Icing Material Storage Requirements.**

- A. Temporary outdoor storage of de-icing materials in accordance with the requirements below is allowed between October 15th and April 15th, but no longer than 30 days without prior written approval from the Department:
1. Materials shall be placed on a flat, impervious surface in a manner that prevents stormwater run-through;
  2. Materials shall be placed at least 50 feet from surface water bodies, storm drain inlets, and/or ditches or other stormwater conveyance channels;
  3. Materials shall be formed in a cone-shaped storage pile;
  4. All storage piles shall be covered as follows:
    - a. The cover shall be waterproof, impermeable, and flexible;
    - b. The cover shall extend to the base of the pile(s);
    - c. The cover shall be free from holes or tears;
    - d. The cover shall be secured and weighed down around the perimeter to prevent removal by wind;
    - e. Weight shall be placed on the cover(s) in such a way that minimizes the potential of exposure as materials shift and runoff flows down to the base of the pile. Sandbags lashed together with rope or cable and

placed uniformly over the flexible cover, or poly-cord nets provide a suitable method. Items that can potentially hold water (e.g., old tires) shall not be used.

5. The site shall be free of all de-icing materials between April 16th and October 14th.
- B. De-icing materials should be stored in a permanent structure if a suitable storage structure is available. For storage of solid deicing materials in a permanent structure, such storage may be permanent, and thus not restricted to October 15 - April 15.
- C. The property owner shall designate a person(s) responsible for operations at the site where these materials are stored, and who shall document that weekly inspections are conducted to ensure that the conditions of this ordinance are met.

#### **§ 12-7.3 Exemptions.**

This Section shall not apply to facilities where the stormwater discharges from salt storage activities are regulated under another NJPDES permit.

#### **§ 12-7.4 Enforcement.**

This Section shall be enforced by the New Jersey State Police and/or the Borough's Code Enforcement Officer.

#### **§ 12-7.5 Violations and Penalties.**

Any person(s) who is found to be in violation of the provisions of this Section shall be subject to a fine not to exceed \$500.00 for a first offense; \$1,000.00 for a second offense; and \$2,000.00 for a third or subsequent offense.

**BE IT FURTHER ORDAINED** that any ordinances or portions thereof which are inconsistent with the provisions of this Ordinance are hereby repealed as of the effective date of this Ordinance. All other provisions of the Revised General Ordinances are ratified and remain in full force and effect.

**BE IT FURTHER ORDAINED** that, if any provision of this Ordinance or the application of such provision to any person or circumstance is declared invalid, such invalidity shall not affect the other provisions or applications of this Ordinance which can be given effect, and to this end, the provisions of this Ordinance are declared to be severable.

**BE IT FURTHER ORDAINED** that this Ordinance shall be in full force and take effect immediately upon final passage and publication.

ATTEST:

APPROVED

\_\_\_\_\_  
Kathleen Hart, Borough Clerk

\_\_\_\_\_  
Peggy Malkin, Mayor

**PUBLIC NOTICE**

PLEASE TAKE NOTICE that the foregoing Ordinance was introduced and passed on first reading on the \_\_\_\_\_ day of \_\_\_\_\_ 2023, at a meeting of the Mayor and Council of the Borough of Roosevelt and will be taken up for final consideration and passage at a regularly scheduled meeting of the Mayor and Council of the Borough of Roosevelt to be held on the \_\_\_\_\_ day of \_\_\_\_\_ 2023 at the Municipal Building at 33 N. Rochdale Avenue, Roosevelt, New Jersey.

\_\_\_\_\_  
Kathleen Hart, Borough Clerk