

Historic Fill & Soil Disposal Notification Form
New York City Office of Environmental Remediation

Date: November 27, 2018

To operators and representatives of disposal facilities and government regulators:

The New York City Office of Environmental Remediation (OER) operates several environmental remediation regulatory programs in New York City that manage light to moderately contaminated properties that are planned for redevelopment. These projects commonly involve the removal of historical fill and soil from properties for development and other purposes. As with any environmental regulatory program, lawful transport and disposal of historic fill and soil is mandatory. It is also our highest priority.

Disposal facilities, recycling facilities and clean fill facilities (collectively, “receiving facilities”) for historic fill and soil may be located in New York or neighboring states. Our research has indicated that a wide range of facility types and a complex set of regulatory requirements and obligations for a receiving facility operation exist within each jurisdiction. Receiving facilities are required to comply with applicable laws and regulations and may operate under state and local authority via permits, licenses, registrations, agreements and other legal instruments that dictate requirements for the material they can receive. Operating requirements may include adherence to applicable chemical standards, guidance levels, criteria, policy or other bases to determine the suitability for receipt of historical fill or soil at a receiving facility. Such requirements may also specify sample frequency, location, sampling method, chemical analytes, or analytical methods. Receiving facility soil/fill sampling requirements often differ from standard remedial investigation protocol performed in the original environmental study of the property.

Given the variability of data requirements for receiving facilities, the wide range of receiving facility types, and the complexity of regulatory requirements and obligations, OER is seeking to assist government regulators and facility operators and their technical representatives to achieve compliance with regulatory requirements for disposal of historic fill and soil at receiving facilities for projects we administer. Further, we seek to ensure that all of the data and information that is developed in OER’s regulatory programs (for instance, site environmental history and soil chemistry) is available to government regulators and to facility managers when making decisions on suitability for disposal to a receiving facility.

This document provides formal notification from OER of the availability of environmental information regarding the physical and chemical content of historical fill and soil that is proposed for transfer to a disposal, recycling or clean fill facility from a property located at:

651 – 671 Gates Ave, Brooklyn, NY 11211
OER Site # 19TMP0339K, 19CVCP027K

The above referenced property has undergone regulated environmental investigation and is the subject of remedial action work plan under the authority of OER. All environmental data and information generated during this regulatory process is available online in OER’s Document Repository listed below. Be advised that many properties are also regulated under state environmental law, and additional data may be available from state agencies. OER reserves the right to share this information with applicable state regulators.

<https://a002-epic.nyc.gov/app/workspace/7439/docrepository>

According to New York State DER-10 Technical Guidance for Site Investigation and Remediation, historical fill is non-indigenous fill material deposited on a property to raise its topographic elevation. The origin of historical fill is unknown but it is commonly known to contain ash from wood and coal combustion, slag, clinker, construction debris, dredge spoils, incinerator residue, and demolition debris. Historic fill is a regulated solid waste in the State of New York. Prior to making a determination regarding the suitability of historic fill and/or soil from this property for disposal at this receiving facility, **we strongly recommend that you review all of the data and information available for this property in our Document Repository** listed above. The repository includes:

- A Phase 1 history of use of the property;
- A Remedial Investigation Report for the property which includes:
 - Boring logs that describe physical observations of the historical fill material made by a trained environmental professional;
 - Chemical data for grab samples of historical fill collected during the remedial investigation;
- A Remedial Action Work Plan for the property.

If you have any questions, please contact Scott Tardif at (212) 676-4925 or stardif@dep.nyc.gov for more information.



March 1, 2019

Todd E. Sarett
Hazelton Creek Properties
4000 4th Street
Moosic, PA 18201

RE: Conditional Pre Approval
645 Gates Avenue,
Brooklyn, NY 11221

Dear Mr. Sarett,

As requested, P Park NJ LLC has prepared this Pre-Approval Letter for Hazelton Creek Properties regarding the material from the above-referenced site. P Park NJ LLC reviewed the information supplied by Hazelton Creek Properties as part of this pre approval to determine if the material is suitable for placement at P Park NJ LLC. This information was compared with our current protocols for acceptance. It is our understanding that these samples were collected by others and submitted by your organization for the above referenced project for preliminary review for the purposes of determining if the material on site is acceptable for placement at P Park NJ LLC located in Prospect Park, NJ.

The information reviewed provides results that support material from specific portions of the site meets the facility's clean fill protocol. All the analytical results supplied were reviewed and compared to the NJDEP Remediation Standards for Residential Direct Contact Soil Cleanup Criteria. This review has determined that the results of the materials from several grids appear to be within our operating protocol.

P Park NJ LLC has hired a third party Environmental Consultant to oversee that the operation is compliant with all appropriate NJDEP rules and regulations. As compliance engineers, WCD Consultants reviews all analytical data and site background information from all projects to determine whether the material profiled meets our current acceptance criteria for approval and placement into the facility. The analytical results supplied with regards to this site will be forwarded to WCD for their final approval once an application for acceptance has been provided.

Please note that this is a preliminary approval and not a FINAL approval. All material must be properly profiled with the necessary application and reviewed by our third party consultant prior to granting Final approval. Factors that could lead to load rejection or surcharges are:

- Excessive Debris
- Solid Municipal Waste
- Objectionable Odors
- Percent Moisture
- Large rocks or concrete

Please contact me if you have any questions.

Sincerely,

Joseph E. Posillico

Joseph E. Posillico
Facility Manager
P Park NJ, LLC

Facility Address:
282 South Church St.
Hazleton, PA 18201
Phone: 570-501-5050
Fax: 570-501-3724



HAZLETON CREEK PROPERTIES, LLC

Matthew Pietrie (Sales
Manager):
4000 4th Street
Moosic, PA 18507
Phone: 610-836-2314
Fax: 855-818-6909

Demetrious Moragianis
Statewide Construction LLC
3441 Kingsbridge Ave, 2nd Floor
Bronx, NY 10463

February 22nd 2019

Approval Letter

RE: 645 Gates Avenue,
Brooklyn, NY 11221
OER Project Number: 19TMP0339K

This letter is intended to inform you that Hazleton Creek Properties (HCP) will accept up to 6000 cubic yards of material for beneficial use and placement at our Hazleton, PA facility originating from 651 Gates Avenue, Brooklyn, NY.

HCP will accept this material based on the environmental due diligence, profile information (MCR), and analytical data provided to date.

HCP will provide Statewide Construction with all necessary documentation of the proper disposal of this soil, including but not limited to transportation manifests and weight tickets.

HCP has reviewed all the following documents in determining the approval of the material from this site:

1	2018-11-08.19TMP0339K.RAPRAWP.Final.1
2	2018-12-06.19TMP0339K.Decision Document RAWP Approval.Final
3	2017-02-02.19TMP0339K.Phase I ESA.651 - 671 Gates Ave., Brooklyn, NY
4	2018-11-28.19TMP0339K.RIR Phase II Report.Final.1
5	2018-12-26.19TMP0339K.Stipulation Letter to RAP RAWP.Final
6	J160850-1 Ny_CatB Final Report
7	J160980-1 Ny_CatB Final Report
8	2018-06-29_Phase II Remedial Investigation Report_651 Gates Ave Brooklyn NY
9	460-160850-1ExcelPivot [Interim EDD Auto (UDS)]
10	460-160980-1ExcelPivot [Interim EDD Auto (UDS)]
11	2018-07-25_Waste Class Sampling Technical Memo_Final

HCP has received and reviewed OER Notification of Fill form dated _____ and understands the full scope of the letter. HCP also acknowledges that the site is in OER under project number 19TMP0339K.

The following samples have been evaluated and approved for use at our Hazleton Facility

Waste Class Sample ID (Cell)
WC-A (0-5')
WC-A (5-10')
WC-B (0-5')
WC-B (5-10')
WC-C
WC-D
WC-E
WC-F

HCP has concluded that acceptable sampling has been done and that it is in accordance with PADEP Management of Fill Policy and the results meet the acceptance criteria of our operation permit (WMGR096NE001) and the associated parameters found in Table GP-1A and GP-1B.

HCP reserves the right to re-sample and analyze material that is received at the Hazleton facility. Any material that does not meet the acceptance criteria and specification of PADEP Management of Fill Policy and the above-mentioned tables, will be rejected / reloaded and returned to the site of origin. All associated transportation fees and handling costs that may be incurred due to non-acceptance of the material will be the client's responsibility.

Should you have any questions, please do not hesitate to call, 313-720-3540.

Thank you for your business.

Soil Manager Acknowledgement



4.26.19

(Must be signed by the soil management party before shipment)

Hazleton Creek Properties, LLC



Matt Petrie

4000 4th Street, Moosic, PA 18507

Phone: 570-207-2000



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

FORM FP-001 - CERTIFICATION OF CLEAN FILL

Prior to completing this form and signing this certification, please review the entire Management of Fill policy (#258-2182-773), including the certification requirements. Please note that historic fill, as defined in the Management of Fill policy, may meet the definition of clean fill if the material is limited to uncontaminated soil, rock, stone, dredged material, used asphalt, and brick, block or concrete from construction and demolition activities that is separate from other waste and recognizable as such.

Instructions: Sections 1 and 2 of this form must be completed by the person making the determination of clean fill at the site of origin. Section 3 must be completed by the person using the material as clean fill. Both the person determining clean fill and the user of the clean fill are responsible for maintaining copies of this completed form on site for a period of five (5) years for Department inspection.

Section 1: Person Determining Clean Fill

Name (Print): Demetrios Morganis Title: MANAGER of LLC Date: 8/4/19
Company Name: Stateside Construction LLC
Street Address: 3441 Kingsbridge Avenue City: Bronx State: NY Zip Code: 10463
Telephone Number: 646-201-2164 E-mail Address: _____

Clean Fill Material originated on the following property:

Site Name: 645 Gates Avenue - "The Astra"
Street Address: 645 Gates Avenue City: Brooklyn State: NY Zip Code: 11221

Section 2: Site Characterization

Check the following that applies:

- ☐ A. IF the site of origin for the fill material has undergone or is undergoing cleanup or remediation pursuant to a local state or federal regulatory program that requires site characterization, provide the following information along with a copy of the entire site characterization and laboratory analysis for the material to be used as clean fill.

Name of local, state, or federal agency: _____

Identification number assigned to the project: _____

Name of the local, state, or federal contact person: _____

Telephone Number: _____ E-mail Address: _____

Name of the Laboratory that conducted the analysis: _____

Laboratory Accreditation Number: _____

- ☒ B. IF the material proposed to be used as clean fill has otherwise been subject to analytical testing or other procedure identified in the definition of "environmental due diligence" contained in the Management of Fill policy, provide or attach the following:

Copies of ALL lab analytical testing performed as part of environmental due diligence (see Management of Fill policy, #258-2182-773).

Name of the Laboratory that conducted the analysis: SGS Laboratories 2235 US HWY 130, Dayton NJ

Laboratory Accreditation Number: NY 10983 PA 68-00408

- ☐ C. IF the proposed material to be used as clean fill was subject to environmental due diligence procedures as defined in the Management of Fill policy other than those listed in A and B, describe those procedures.

I, the undersigned, certify under penalty of law (18 Pa. C.S.A. §4904) that the information provided in Sections 1 and 2 of this form is true and correct to the best of my knowledge, information and belief.

Signature: _____

8.6.19

Section 3: Person Receiving or Placing Clean Fill

Name and address of person completing this form:

For Hazleton to complete

Name (Print): _____ Date: _____

Mailing Address: _____ City: _____ State: _____ Zip Code: _____

Telephone Number: _____ E-mail Address: _____

Fill material that has been determined to be clean fill will be placed on the following property solely for property improvement or construction purposes:

Property Address: 282 South Church St City: Hazleton State: PA Zip Code: 18201

Current Owner of Property: Hazleton Creek Properties

Telephone Number: 570-561-5050 E-mail Address: mpetrie@tunnellillpartners.com

The quantity of clean fill to be placed on the property is:

☒ <3,000 cubic yards ☐ 3,000 cubic yards to 20,000 cubic yards ☐ >20,000 cubic yards

I, the undersigned, certify under penalty of law (18 Pa. C.S.A. §4904) that the information provided is true and correct to the best of my knowledge, information and belief.

Signature: _____

* * * * *

Prior to placement of the clean fill, the owner of the property receiving fill material shall provide a copy of this completed form and attachments to the DEP Regional Office serving the county in which the receiving site is located. If a property receives fill from multiple sources, a separate Form FP-001 is required for each source.

Faron Moser

From: noreply@epic.nyc.gov
Sent: Friday, March 29, 2019 10:31 AM
To: Faron Moser; Demetrios Moragianis; Kevin Williams; Richard Lenihan; Bob Jackson; Larry Schnapf
Cc: Shaminder Chawla; Scott Tardif
Subject: Soil/Fill Disposal Disclaimer: #19TMP0339K, 19CVCP027K, 651 - 671 GATES AVENUE

OER Project #19TMP0339K, 19CVCP027K, 651 - 671 GATES AVENUE

OER has received your documentation for proposed transport and disposal of soil and fill from the above referenced property at Hazleton Creek Properties (282 South Church St., Hazleton, PA 18201). We understand from your correspondence that the proposed receiving facility has determined that it is appropriately licensed, permitted, registered, or otherwise authorized to receive this material. On this basis, OER has no objection to the proposed transfer. Further, OER has transmitted a Historic Fill/Soil Disposal Notification Form providing a regulatory notice and notice of availability of all data and information currently in OER's possession. Please be advised that OER does not regulate the operation of this receiving facility or transportation of the excavated material in any jurisdiction and this correspondence does not constitute regulatory approval of disposal at this receiving facility or the means of transportation. It is the obligation of the property owner, the professional engineer, the qualified environmental professional for the remedial action, the excavation contractor, soil disposal facilitators, trucking contractors, and the operator of the receiving facility to ensure that the facility is appropriately licensed, permitted, registered, or otherwise authorized to receive this material and that the trucks transporting excavated material satisfy all applicable transportation requirements. The receiving facility is regulated within the State of Pennsylvania and any questions regarding the suitability of the facility to receive the excavated material or requirements for transportation vehicles should be directed to the appropriate regulatory agency.

Additionally, regardless of the location of the receiving facility, all material transported within New York State are subject to part 364 tracking requirements that truckers hauling general fill, restricted-use fill, or limited-use fill material are permitted and carry a [manifest](#) of each shipment signed by the generator and then the receiving facility. Copies of the manifest must be sent to NYSDEC within 15 days.

For more information, please visit <https://www.dec.ny.gov/regs/2491.html>

Please **REPLY ALL** to respond to this email.

This is an official communication from the NYC Office of Environmental Remediation (OER). This message was sent from OER's online application called the Environmental Project Information Center (EPIC). If you believe you received this message in error, please contact brownfields@cityhall.nyc.gov or 212-788-8841.

If you encounter issues when accessing EPIC via Internet Explorer, please use a different internet browser.

OER Import of Material from Greenwood Cemetery Approval

From: [Bailey, Caleb](#)
To: [Faron Moser](#); [Chawla, Shaminder](#)
Cc: [Bob Jackson](#); [Brandt, Lauren](#); [Anokye, Kestana](#)
Subject: Re: CSB Transfer #21CCSB180: Greenwood Cemetery to 651 - 671 Gates Avenue (19TMP0339K, 19CVCP027K)
Date: Friday, October 23, 2020 2:09:48 PM

Hi Faron,

After reviewing the material we do not see an issue with the import of the material to the site.

In Section 4.2 of the RAWP under Import Soils (PG 49):

"Import of soils onto the property will be performed in conformance with the Soil/Materials Management Plan in Appendix 4. Imported soil will meet the lower of:

- Track 2 Restricted Residential Use SCO's,
- Groundwater Protection Standards in Part 375-6.8 "

So your concerns for unrestricted use exceedances do not prevent you from importing the material as it meets the restricted residential SCOs and that is allowed under the RAWP.

Phenol's limit for Residential and Restricted Residential are 100 ppm, what you have below is the requirement for the Groundwater Protection Standard.

In the Analytical report the Detection threshold was 389 ppb, so what you mentioned as a sample above the limit was a non-detect based on the detection threshold of the analysis. If the site has concern about the detection limit for this compound and wishes to have the material resampled we can try to arrange for your team to come to the site resample.

As for the 4,4'-DDE, the limit which you submitted is the limit for Protection of Ecological Resources, not the protection of groundwater which is 17 ppm and what was detected was 28.6 ppb.

So please let us know if you have any additional questions and ensure you are comparing analytical results to the proper standards in the future.

Thank you,
Caleb Bailey
Project Manager / Field Inspector
Mayor's Office of Environmental Remediation
Cabailey@dep.nyc.gov

From: Faron Moser <faron.moser@equityenvironmental.com>
Sent: Thursday, October 22, 2020 4:51 PM

To: Bailey, Caleb <cabailey@dep.nyc.gov>; Chawla, Shaminder <ShaminderC@dep.nyc.gov>
Cc: Bob Jackson <bob.jackson@equityenvironmental.com>; Brandt, Lauren <lbrandt@dep.nyc.gov>; Anokye, Kestana <janokye@dep.nyc.gov>
Subject: RE: CSB Transfer #21CCSB180: Greenwood Cemetery to 651 - 671 Gates Avenue (19TMP0339K, 19CVCP027K)

Hi Caleb,

Can we setup a call tomorrow ASAP to discuss the analytical results of the Greenwood Cemetery soil that is to be used as backfill at the Gates Ave. Site.

Both Peter Jaran (register professional engineer for project) and I have compared the backfill analytical data to the NYS SCO table ins Appendix 5 of DER-10 using the Unrestricted Use data as a first comparison. When the backfill data exceeded the Unrestricted Use concentration we compared the data to the Residential Use concentration.

The RAWP states in Section 3 that the backfill will be compared to the Unrestricted Use SCOs and the 6 NYCRR Part 375-6.8 groundwater protection SCOs and it will meet the lesser of the two standards.

The following compounds had concentrations in the backfill sample 1 (sifted) that exceeded the Unrestricted Use standard:

1. 4,4'-DDE: concentration 28.6 ppb, standard 3.3 ppb
2. 4,4'-DDT: concentration 30.9 ppb, standard 3.3 ppb
3. 4,4'-DDD: concentration < 3.7 ppb, standard 3.3 ppb
4. Phenol: concentration <389 ppb, standard 330 ppb

The three pesticide compounds were below the Residential Use Standard.

For this compound the analytical results were compared to the Residential Use standard:

1. Phenol: concentration <389 ppb, standard 330 ppb

The following compounds had concentrations in the backfill sample 1 (sifted) that exceeded the Protection of Groundwater standard:

1. 4,4'-DDE: concentration 28.6 ppb, standard 17 ppb
2. Phenol: concentration <389 ppb, standard 330 ppb

Based on these exceedances and the time frame we are under we are trying to see what are options are with using this material. Please let Bob Jackson, Peter Jaran, and I know what would be a good time for a call tomorrow?

Thank You

Faron

Faron W. Moser, CHST

Senior Project Scientist



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Faron.moser@equityenvironmental.com

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From: Brandt, Lauren <lbrandt@dep.nyc.gov>

Sent: Wednesday, October 21, 2020 2:48 PM

To: Faron Moser <faron.moser@equityenvironmental.com>; Anokye, Kestana
<janokye@dep.nyc.gov>

Cc: Bailey, Caleb <cabailey@dep.nyc.gov>; Bob Jackson <bob.jackson@equityenvironmental.com>;
Kevin Williams <kevin.williams@equityenvironmental.com>

Subject: Re: CSB Transfer #21CCSB180: Greenwood Cemetery to 651 - 671 Gates Avenue
(19TMP0339K, 19CVCP027K)

Hello,

Attached is the environmental data for Greenwood material.

Thanks,
Lauren

From: Brandt, Lauren

Sent: Wednesday, October 21, 2020 8:41 AM

To: jcharap@green-wood.com <jcharap@green-wood.com>; ArtPresson@green-wood.com <ArtPresson@green-wood.com>; ericbarna@green-wood.com <ericbarna@green-wood.com>; McIntyre, Mark (City Hall) <mmcintyre@cityhall.nyc.gov>; McIntyre, Mark <MarkM@dep.nyc.gov>; Anokye, Kestana <janokye@dep.nyc.gov>; vlad@statesideconstruction.com <vlad@statesideconstruction.com>; Faron Moser <faron.moser@equityenvironmental.com>; American_eagle2016@yahoo.com <American_eagle2016@yahoo.com>; Richard Carusillo <carusillo3@aol.com>

Cc: Chawla, Shaminder <ShaminderC@dep.nyc.gov>; Bailey, Caleb <cabailey@dep.nyc.gov>; karjoon@protoproperty.com <karjoon@protoproperty.com>; trent@statesideconstruction.com <trent@statesideconstruction.com>; demetrios@protoproperty.com <demetrios@protoproperty.com>; Bob Jackson <bob.jackson@equityenvironmental.com>; Kevin Williams <kevin.williams@equityenvironmental.com>

Subject: CSB Transfer #21CCSB180: Greenwood Cemetery to 651 - 671 Gates Avenue (19TMP0339K, 19CVCP027K)

Good Afternoon All,

Thank you for helping to coordinate this upcoming Clean Soil Bank transfer. The shipment of approximately 700-750 cubic yards clean soil will begin Monday October 26th. *Pending the completion of all Indemnification Forms for all parties. [OER indemnification form to sign attached]*

Please be sure to take photos and submit the Part 360 form for each truck.

Please use CSB tracking number **21CCSB180** on the manifest/Part 360 forms. The Part 360 form is attached and will have to be countersigned by someone at both sites. Please scan the completed forms back to me.

Location:

Greenwood Cemetery please provide the exact street address of the entrance.

Below you will find contact information for those involved in this transfer, please loop in anyone else who should be on this email chain and fill in missing contact info where applicable.

Greenwood Cemetery Team

§ Joe Charap, jcharap@green-wood.com -

§ Art Presson, ArtPresson@green-wood.com -(718)-916-6207

§ Eric Barna, ericbarna@green-wood.com –

Gates Avenue

§ Richard Carusillo, (917) 670-9079

§ Vlad , (917)-215-2001

§ Faron Moser, Environmental Consultant

OER CSB

§ Mark McIntyre, Director and General Counsel, MMcIntyre@cityhall.nyc.gov, 212-788-8841

§ Shaminder Chawla, Deputy Director, ShaminderC@dep.nyc.gov, 212-442-3007

§ Kestana Anokye, CSB Program Manager, janokye@dep.nyc.gov, 212-788-8319

§ Lauren Brandt, CSB Assistant Program Manager, lbrandt@dep.nyc.gov

I will send to the environmental consultant the environmental data for Greenwood to review.

Lauren Brandt
Project Manager

Office of Environmental Remediation
100 Gold Street, 2nd Floor
New York New York 10038

lbrandt@dep.nyc.gov

Permeable Paver OER Approval

From: [Chawla, Shaminder](#)
To: [Faron Moser](#)
Cc: [Bob Jackson](#); [Peter Jaran](#); [Bailey, Caleb](#)
Subject: Re: 651 - 671 GATES AVENUE (19TMP0339K, 19CVCP027K) - Permeable Paver System
Date: Friday, October 30, 2020 1:47:19 PM
Attachments: [image004.png](#)

Faron:
Caleb is off till Monday.

Your proposal below about using paver's design is acceptable.
Shaminder

[Shaminder Chawla](#)
Deputy Director

Office of Environmental Remediation
100 Gold Street, 2nd Floor
New York New York 10038

Tel (212) 442-3007
schawla@dep.nyc.gov

www.nyc.gov/oer

From: Faron Moser <faron.moser@equityenvironmental.com>
Sent: Friday, October 30, 2020 1:37 PM
To: Bailey, Caleb <cbabiley@dep.nyc.gov>; Chawla, Shaminder <ShaminderC@dep.nyc.gov>
Cc: Bob Jackson <bob.jackson@equityenvironmental.com>; Peter Jaran <peter.jaran@equityenvironmental.com>
Subject: RE: 651 - 671 GATES AVENUE (19TMP0339K, 19CVCP027K) - Permeable Paver System

Hi Caleb,

Has there been any discussions internally with OER if Stateside can proceed with permeable Paver system as describe below?

Thank You,

Faron
Faron W. Moser, CHST
Senior Project Scientist



equity **environmental** engineering
WORKING TOGETHER TO DESIGN SOLUTIONS

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Faron.moser@equityenvironmental.com

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From: Faron Moser
Sent: Thursday, October 29, 2020 8:15 AM
To: Bailey, Caleb <cbabiley@dep.nyc.gov>; Chawla, Shaminder <ShaminderC@dep.nyc.gov>
Cc: Bob Jackson <bob.jackson@equityenvironmental.com>; Peter Jaran <peter.jaran@equityenvironmental.com>

Subject: RE: 651 - 671 GATES AVENUE (19TMP0339K, 19CVCP027K) - Permeable Paver System

Hi Caleb,

I wanted to follow-up with you on the information I provided to you yesterday, can you please confirm the approach we spoke about yesterday is ok.

Thanks

Faron

From: Faron Moser

Sent: Wednesday, October 28, 2020 11:29 AM

To: Bailey, Caleb <cab Bailey@dep.nyc.gov>; Chawla, Shaminder <ShaminderC@dep.nyc.gov>

Cc: Bob Jackson <Bob.Jackson@equityenvironmental.com>; Peter Jaran <peter.jaran@equityenvironmental.com>

Subject: 651 - 671 GATES AVENUE (19TMP0339K, 19CVCP027K) - Permeable Paver System

Importance: High

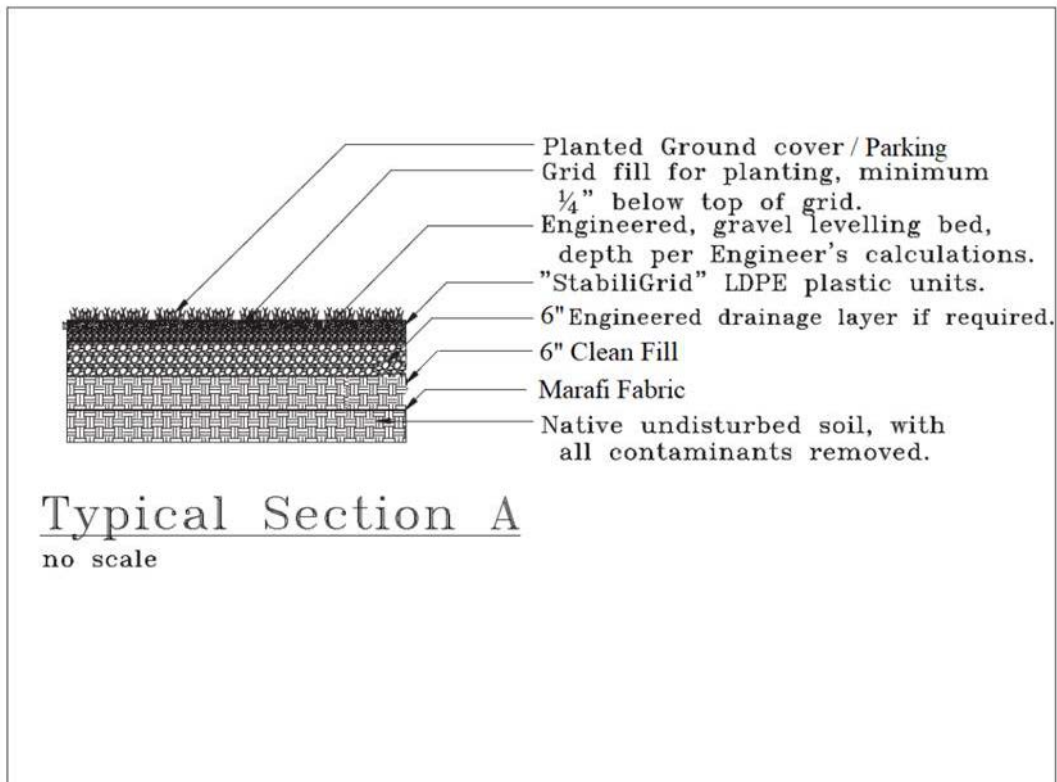
Hi Caleb,

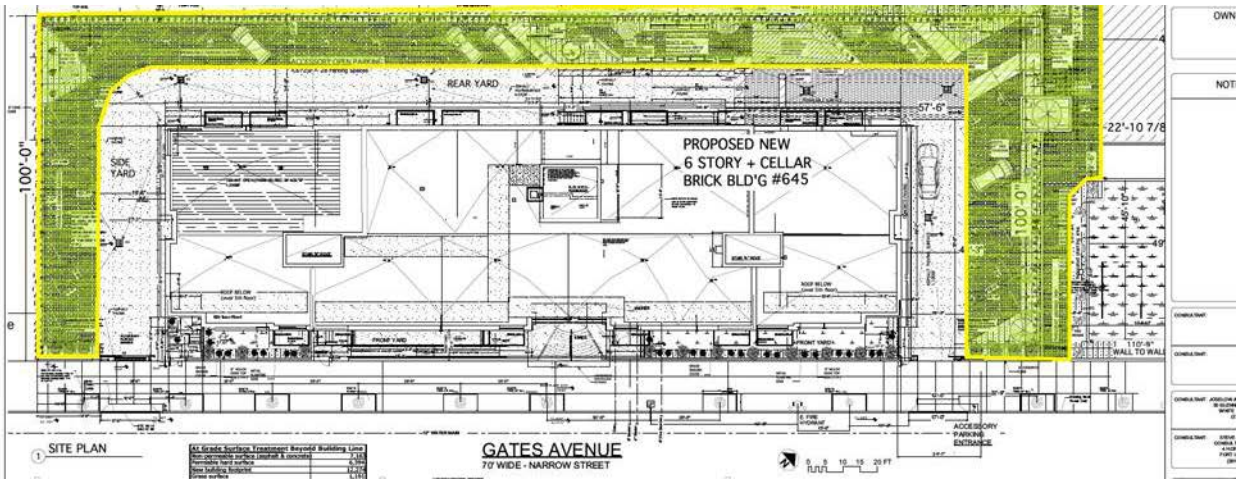
Thanks for taking my call, just to recap Stateside Construction would like to put down a permeable paver system the rear yard and north and south sides of parking lot of the building (See highlighted green/yellow area in site plan below).

Below is the spec sheet showing how Stateside plans to place the paver system.

- 2" permeable paver
- 6" clean stone
- 6" clean soil
- Demarcation (i.e. geotextile) – Marafi Fabric
- Clean backfilled soil from Greenwood Cemetery (Clean Soil Banks)

Based on the phone conversation you mentioned that this would be ok, if you could confirm this after reviewing contents of this email it would be appreciated.





Thanks Caleb,

Faron

Faron W. Moser, CHST

Senior Project Scientist



equity **environmental** engineering
WORKING TOGETHER TO DESIGN SOLUTIONS

500 International Drive, Suite 150, Mount Olive, NJ 07828

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Faron.moser@equityenvironmental.com

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Equity Environmental Engineering LLC is ready to provide all of your environmental assessment, planning, and engineering needs. We look forward to a continuing our relationship with you and establishing new relationships.

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3/4" Stone OER Approval

From: [Alfieri, Alysha](#)
To: [Faron Moser](#); [Chawla, Shaminder](#)
Cc: [Richard Carusillo](#); [Peter Jaran](#); [Bob Jackson](#)
Subject: Re: 645 GATES AVE (PERMEABLE PAVER FOR REVIEW) - Clean Gravel
Date: Wednesday, December 2, 2020 8:48:29 AM
Attachments: [image001.png](#)
[image003.png](#)

Faron,

The proposed material from Liotta Bros Recycling Corp/Oceanside Marina Terminal for 195 tons of 3/4" stone is acceptable. Please upload the documents to EPIC and include them in the RAR.

Regards,
Alysha

Alysha Alfieri | Senior Project Manager
Mayor's Office of Environmental Remediation
T (212) 676-0459 | aalfieri@dep.nyc.gov
www.nyc.gov/oer

From: Faron Moser <faaron.moser@equityenvironmental.com>
Sent: Tuesday, December 1, 2020 4:40 PM
To: Alfieri, Alysha <AAlfieri@dep.nyc.gov>; Chawla, Shaminder <ShaminderC@dep.nyc.gov>
Cc: Richard Carusillo <carusillo3@aol.com>; Peter Jaran <peter.jaran@equityenvironmental.com>; Bob Jackson <bob.jackson@equityenvironmental.com>
Subject: RE: 645 GATES AVE (PERMEABLE PAVER FOR REVIEW) - Clean Gravel

Hi Alysha,

We just spoke with Vic Liotta owner of Liotta Bros Recycling Corp or Oceanside Marina Terminal. Vic explained that Oceanside Marine Terminals is the handler and distributor of barged stone from Carver Sand and Gravel, Coeymans Marine and Eastern Concrete Materials.

The attachment "*Kelly 8'26'19 FINAL (1)*" is a statement from "Griggs-Lang Consulting Geologists and Engineers" to the Port of Coeymans, stating that the stone being imported to the Gates Ave. Site is "*naturally occurring, virgin, in-place limestone mined by Lafarge and processed by Carver Stone.*"

The stone has been produced from Lafarge's Ravena Quarry located on the west side of U.S. Route 9W in the Town of Ravena, Albany County.

The "*10/01/2019 - NEW YORK STATE DEPARTMENT OF TRANSPORTATION MATERIALS BUREAU COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS*" document is the coarse aggregate analysis of the limestone mined by Lafarge and processed by Carver Stone.

The "*6/16/2020 - #2 Stone Gradation*" document is the sieve analysis for the limestone mined by

Lafarge and processed by Carver Stone.

The size of the stone to be used is 3/4-inch and the approximate tonnage of stone to be transported to the Gates Ave. site is 195 tons.

Please let me know if you have any additional questions, Stateside is looking to move this stone very soon to the Site.

It might be easier if we have a call with all involved parties so the appropriate questions can be answered if there is any other questions OER may have.

I am sorry for the confusion and thank you for your help,

Faron

Faron W. Moser, CHST

Senior Project Scientist



equity **environmental** engineering
WORKING TOGETHER TO DESIGN SOLUTIONS

500 International Drive, Suite 150, Mount Olive, NJ 07828

(973)527-7451 x303 Office

(201)341-1323 Mobile

(973) 858-0280 Fax

Faron.moser@equityenvironmental.com

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M (917) 670-9079
carusillo3@aol.com

-----Original Message-----

From: Bob Jackson <bob.jackson@equityenvironmental.com>
To: Richard Carusillo <carusillo3@aol.com>; Faron Moser <faron.moser@equityenvironmental.com>; vlad@statesideconstruction.com <vlad@statesideconstruction.com>; demetrios@protoproperty.com <demetrios@protoproperty.com>; karjoon@protoproperty.com <karjoon@protoproperty.com>
Cc: Peter Jaran <peter.jaran@equityenvironmental.com>
Sent: Tue, Nov 24, 2020 8:46 am
Subject: RE: 645 GATES AVE (PERMEABLE PAVER FOR REVIEW) - Clean Gravel

GM Richard

I'm looking at Alysha's 11/20/20 e-mail and it asks for the DEC permit for the Oceanside Marine Terminal facility. Is this facility still involved in the project and if so, we need that permit. She's also looking for an, "analytical report", for the stone to be imported onsite. We need to submit those ASAP or explain why we can't or don't need to.

Bob Jackson



equity environmental engineering
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500 International Drive, Suite 150
Mt. Olive, NJ 07828
973-527-7451, ext .103
973-858-0280 fax
973-641-0825 cell
Bob.jackson@equityenvironmental.com

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From: Richard Carusillo <carusillo3@aol.com>
Sent: Tuesday, November 24, 2020 6:18 AM
To: Faron Moser <faron.moser@equityenvironmental.com>; vlad@statesideconstruction.com; demetrios@protoproperty.com; karjoon@protoproperty.com; Richard Carusillo <carusillo3@aol.com>
Cc: Bob Jackson <bob.jackson@equityenvironmental.com>; Peter Jaran <peter.jaran@equityenvironmental.com>
Subject: Re: 645 GATES AVE (PERMEABLE PAVER FOR REVIEW) - Clean Gravel

GM Faron

Please find the attached doc's requested. Please let me know if you need anymore information. Thank you.



Griggs-Lang Consulting Geologists and Engineers, P.C.
8 Brunswick Road Troy, New York 12180
Phone: (518) 270-5920 Fax: (518) 270-5922

August 26, 2019

Steve Kelly
Port of Coeymans
Box 890, 2170 River Road
Coeymans, New York 12045

Re: Clean Fill Certification: Lafarge Ravena Quarry—Project Q 206

Dear Steve,

As per our email today, the aggregate produced from Lafarge's Ravena Quarry located on the west side of U.S. Route 9W in the Town of Ravena, Albany County is a naturally occurring, virgin, in-place limestone mined by Lafarge and processed by Carver Stone. The stone is free from contamination.

The Ravena Quarry aggregate is approved as part of NYSDOT Source Number 1-23R, RFM.

Please contact me if you have any questions.

Cordially,

Paul H. Griggs, Principal Geologist
Griggs-Lang Consulting Geologists and Engineers, P.C.

**NEW YORK STATE DEPARTMENT OF TRANSPORTATION MATERIALS BUREAU
COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS**

Source
1-23R
Carver Sand & Gravel, LLC
Ravena, NY

Sample/Test
Sample Date: 10/01/2019
Test No.: 19AR087
LRN: SM19056634
Smpl ID: mrryan19AA130845

**** Privileged and Confidential ****

Test results represent this sample only. They may not be appropriate for designing mixes. When designing mixes, follow procedures in appropriate Materials Method.

Material meets specifications for §703-02, Coarse Aggregate. Consult pavement friction requirements for intended use.

Run	Specific Gravity
1	Bulk SSD 2.660
1	Bulk 2.645
1	Apparent 2.684
1	Absorption (%) 0.6

Uncompacted Voids
Avg. Uncompacted Voids (%) 54.10

Acid Insoluble Residue Results
Size #1
Acid Insoluble Residue (%) 52.4

>20% indicates high residue.

LA Abrasion

Max loss ≤ 35% or 45%*. Spec applies to RR ballast classification only.

Run	10 Cycle MgSO4
1	Stone Size 1
1	Loss (%) 17.9
2	Stone Size 2
2	Loss (%) 8.7

Max Loss ≤ 18% on #2 stone.*

25 Cycle 3% Brine Freeze Thaw
Loss #2 (%) 15.7
Loss #1 (%) 15.0

Max loss ≤ 20% on #2 stone.*

Crush Count

Min 75% crushed for #2 stone, 85% for #1 stone.*

**NEW YORK STATE DEPARTMENT OF TRANSPORTATION MATERIALS BUREAU
COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS**

Source
1-23R
Carver Sand & Gravel, LLC
Ravena, NY

Sample/Test
Sample Date: 10/01/2019
Test No.: 19AR087
LRN: SM19056634
Smpl ID: mrryan19AA130845

**** Privileged and Confidential ****

Petrographic Results*	
Stone Size No.	1
Noncarbonate (%)	0
Deleterious Material	None
Rock Type Description	%
Limestone	100.0

Petrographic Results*	
Stone Size No.	2
Noncarbonate (%)	0
Deleterious Material	None
Rock Type Description	%
Limestone	99.5
Limestone (shaly)	0.5

Source Confirmation	
Stone Size No.	1
Source Confirmation	Matches Reference
Stone Size No.	2
Source Confirmation	Matches Reference



Stone Products

#2 STONE GRADATION

SOURCE: Lafarge 1-23R

PRODUCER:	Carver Sand & Gravel
DATE:	6/16/2020
TIME:	PM
TECHNICIAN:	JM
WEATHER:	<input checked="" type="checkbox"/> SUNNY
	<input type="checkbox"/> CLOUDY
	<input type="checkbox"/> RAIN

TEST DATE:	6/17/2020	ID #	_____
TIME:	8:15		
TECHNICIAN:	WS		
STONE COND.:	<input type="checkbox"/> DRIER THAN SSD		
	<input type="checkbox"/> AT SSD		
	<input checked="" type="checkbox"/> WETTER THAN SSD		
	<input type="checkbox"/> OTHER		

METHOD:	<input checked="" type="checkbox"/> FLOWING AGG. STREAM
	<input type="checkbox"/> RANDOM LOCATION
	<input checked="" type="checkbox"/> LOADER DIG
	<input type="checkbox"/> OTHER
LOCATION:	<input type="checkbox"/> MAIN STOCKPILE
	<input type="checkbox"/> UNDER BELT
	<input checked="" type="checkbox"/> PILE UNDER CONVEYOR

INFEED RATE:	<input type="checkbox"/> _____	tph (to tunnel)
FEED RATE:	<input type="checkbox"/> _____	tph (upper screens)
IMPACTOR:	<input type="checkbox"/> ON	_____ amps
	<input type="checkbox"/> OFF	
RUBBLE	<input type="checkbox"/> IN	_____ tph
	<input type="checkbox"/> OUT	_____ tph

NOTES:	WATER	NOTES:	Production	<input checked="" type="checkbox"/> SHOT ROCK
	<input type="checkbox"/> ON		1400 Plant	<input type="checkbox"/> DIRT
	<input checked="" type="checkbox"/> OFF			<input type="checkbox"/> HIGH FRICTION

SIEVE SIZE	WEIGHT	% RETAINED	%PASSING	SPECS
1.5" (37.5mm)	0.0	0.0	100.0	100%
1.0" (25.0mm)	450.3	7.5	92.5	90-100%
1/2" (12.5mm)	5142.5	85.6	6.9	0-15%
1/4" (6.3mm)	218.3	3.6	3.3	
PAN	198.9	3.3	0.0	
TOTAL	6010.0	100.0		

MOISTURE CONTENT

INITIAL WEIGHT	0.0
DRY WEIGHT	0.0
MOISTURE WT.	0.0
% MOISTURE	#DIV/0!

WASH TEST

INITIAL WEIGHT	0.0
DRY WEIGHT	0.0
WEIGHT -200	0.0
% -200	#DIV/0!

3/4" Brown Stone Used in Permeable Paver OER Approval



December 4, 2020

Via email: AAlfieri@dep.nyc.gov

NYC Office of Environmental Remediation
Caleb Bailey, OER Project Manager
100 Gold Street, 2nd Floor
New York, NY 10038

Soil Import Request
651 - 671 Gates Avenue
Brooklyn, New York 11221
19TMP0339K, 19CVCP027K

Ms. Alysha Alfieri:

On behalf of Stateside Construction, Equity is providing this Clean Stone Import Request to OER to provide details on the proposed ¾-inch clean stone that Stateside Construction would like to use in the 2-inch permeable paver grid areas of the permeable pavers onsite. Please see below for details:

1. The material is coming from the Hamburg Quarry, which is produced from virgin rock and the property is located in Sussex County NJ, Township of Hardyston. See attached registration certificate.
2. Amount of clean stone, to be imported to 651 - 671 Gates Avenue, Brooklyn, New York is 42 Cubic Yards. See attached PDF'd analytical results.
3. The clean stone will be placed in the areas that are highlighted in green in the figure below.

Should you have any questions, concerns and/or need additional information, please feel free to call me at (973) 527-7451 x 303.

Regards,

Faron W. Moser, CHST

Senior Project Scientist

Mine Registration Certificate



State of New Jersey
Department of Labor and Workforce Development

Certificate No. 004762
Expiration Date 3/31/2021

MINE REGISTRATION CERTIFICATE

ISSUED TO: EASTERN CONCRETE MATERIALS, INC
3620 ROUTE #23
LOCATION: HAMBURG, NJ
BLK NO(S): 14
LOT NO(S): 11, 14, 15, 16, 6.01
COUNTY: SUSSEX

Issued pursuant to the provisions of N.J.S.A. 34:6-98.1 et. seq. Failure to comply with the provisions of the Act, and the Rules promulgated thereunder, shall be good cause for the revocation of this Certificate.

Robert Asaro-Angelo

Commissioner

THIS CERTIFICATE MUST BE POSTED AT ALL TIMES



<i>Approved Crushed Stone</i>	<i>Certified Fill Materials</i>	<i>Washed Sand Products</i>
<i>Hamburg Stone Quarry</i> 3620 Route 23 Hamburg, NJ 07419	<i>Glen Gardner Stone Quarry</i> Railroad Ave Glen Gardner, NJ 08826	<i>Wantage Quarry</i> 80 Route 23 Hamburg, NJ 07419
		<i>Quinton Sand</i> 358 Quinton Marlboro Rd. Bridgeton, NJ 08072

Order toll free- (888) 913-7625
--

Dispatch office phone (973) 827-7625

Material Certification

Please be advised that our aggregate production facilities listed above manufacture construction materials, and fill materials, from the virgin properties as described herein;

Hamburg Stone Quarry- Crushed stone products and environmental fill materials are produced from virgin rock, and property, located in Sussex County NJ, Township of Hardyston, block 14, lot 15.
Approved source: NY DOT 8-48R.

Glen Gardner Stone Quarry- Materials are produced from virgin rock, and property, located in Hunterdon County NJ, Borough of Glen Gardner, Lebanon Township, blocks 21 and 9, lots 32, 37, 38, 100, and 6.
Approved source: NY 10-47R.

Wantage Stone Quarry- Crushed stone products and environmental fill materials are produced from virgin rock, and property, located in Sussex County, Wantage Twp, Block 11, Lot 5.
Approved source: NY DOT 8-96R.

Quinton Sand Facility – Sand materials are produced from virgin property located in Quinton Township, Salem County, NJ block 35, lots 54, 63, 64, 66, 67.
Approved source: NY 10-189F

To the best of our knowledge, these materials are not contaminated with any hazardous substances while on our properties as listed above.

If you require additional information, please contact our office.

Eastern Concrete Materials, Inc.

Aggregates Division

CALL TOLL FREE (888) 913-7625
FAX- (973) 827-0652

Analytical Report

Aggregate Test Report

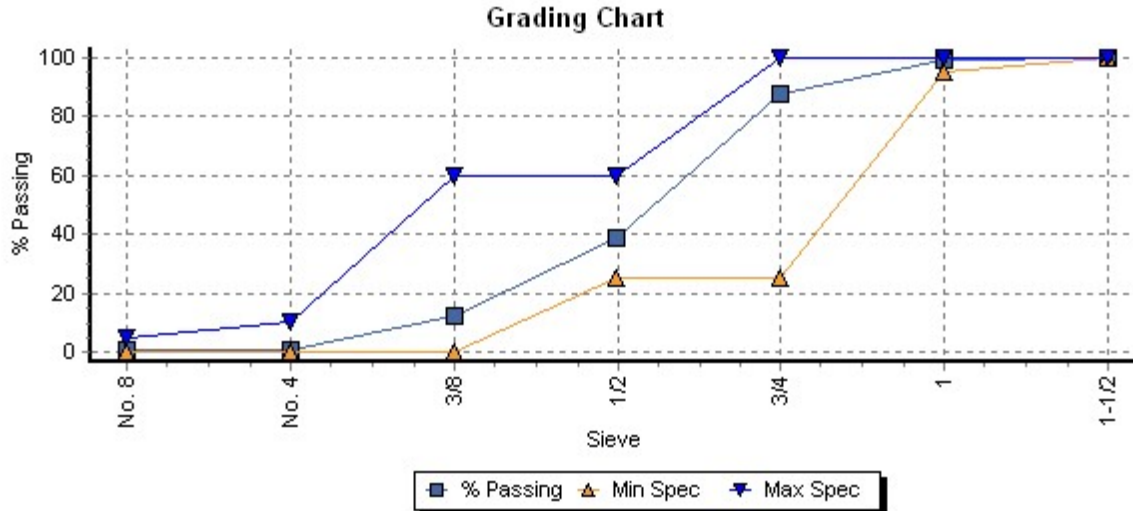
Report Date : 11/10/2020

173550 - ASTM #57 3/4" STONE

Sample ID :	Shipping	Customer :	
Sample Date :	11/10/2020	Project :	
Sample By :		Laboratory :	AG_LAB - ECMI - AGGREGATES LAB
Supplier :	ECMI	Plant :	HAMBURG QUARRY
Supplier Source :	HAMBURG	Specification :	ASTM #57 - all sieve
Supplier Reference No :		Class :	

Sieve (in)	% Passing	Specification		Testing Results	
		Min	Max		
1-1/2	100.0	100.0	100.0	Fineness Modulus	6.98
1	99.2	95.0	100.0		
3/4	87.9	25.0	100.0		
1/2	39.0	25.0	60.0		
3/8	12.1	0.0	60.0		
No. 4	1.1	0.0	10.0		
No. 8	0.8	0.0	5.0		

Comments : Shipping



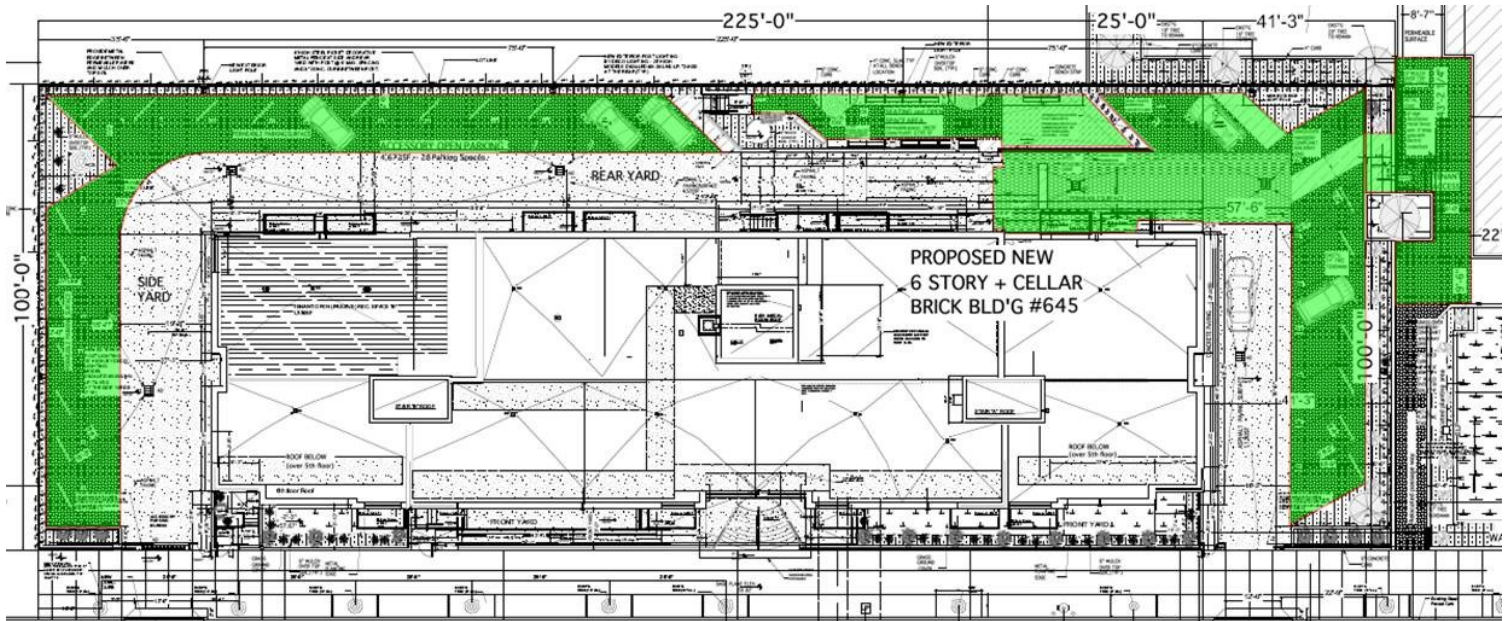
Project Engineer :

Test Lab Supervisor :

Date : 11/10/2020

Certification #:

Clean Stone Placement Figure



OER Approval Notice

From: [Alfieri, Alysha](#)
To: [Faron Moser](#); [Chawla, Shaminder](#)
Cc: [Bob Jackson](#); [Peter Jaran](#)
Subject: Re: 651 - 671 GATES AVENUE (19TMP0339K, 19CVCP027K) - Brown Stone on Permeable Paver
Date: Monday, January 4, 2021 9:07:18 AM
Attachments: [image002.png](#)

Hi Faron,

The request below is acceptable. Please upload the documents to EPIC and make sure to include in the RAR.

Regards,
Alysha

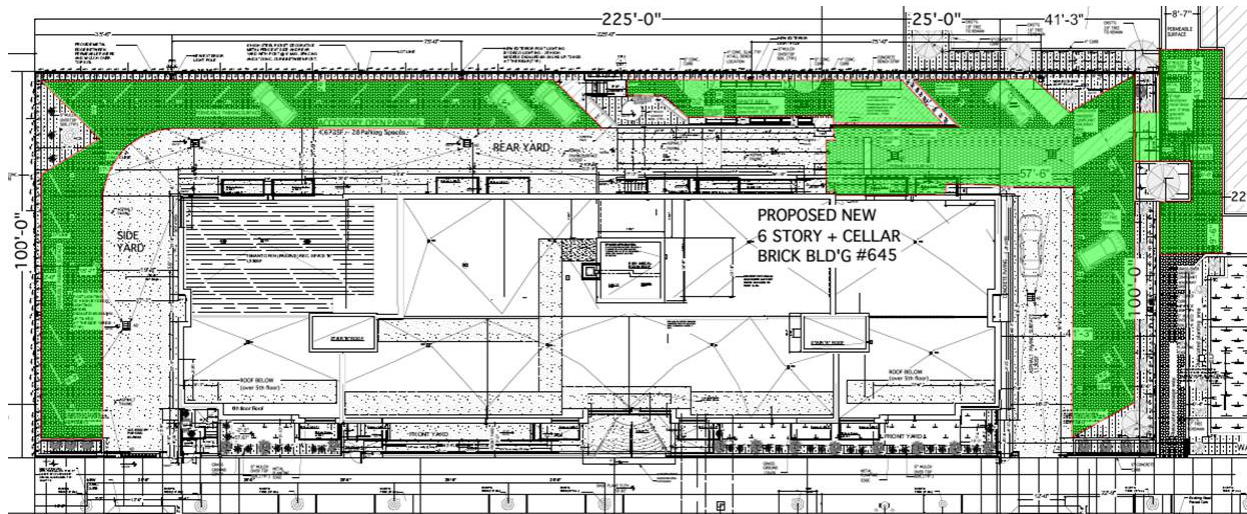
Alysha Alfieri | Senior Project Manager
Mayor's Office of Environmental Remediation
T (212) 676-0459 | aalfieri@dep.nyc.gov
www.nyc.gov/oer

From: Faron Moser <faron.moser@equityenvironmental.com>
Sent: Monday, January 4, 2021 8:49 AM
To: Alfieri, Alysha <AAlfieri@dep.nyc.gov>; Chawla, Shaminder <ShaminderC@dep.nyc.gov>
Cc: Bob Jackson <bob.jackson@equityenvironmental.com>; Peter Jaran <peter.jaran@equityenvironmental.com>
Subject: 651 - 671 GATES AVENUE (19TMP0339K, 19CVCP027K) - Brown Stone on Permeable Paver

Hi Alysha,

Stateside Construction is planning to place #57 stone in the 2" permeable paver grid (see green highlighted area below). Stateside is planning to use approximately 42 cubic yards of #57 material. The material is coming from the Hamburg Quarry, which is produced from virgin rock, and property, located in Sussex County NJ, Township of Hardyston.

Please let me know if it is ok to use this material onsite.



Thank You,

Faron

Faron W. Moser, CHST
Senior Project Scientist



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500 International Drive, Suite 150, Mount Olive, NJ 07828

(973)527-7451 x303 Office
(201)341-1323 Mobile
(973) 858-0280 Fax

Faron.moser@equityenvironmental.com

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