



RESOURCE EXTRACTION-MINING REPORT

February 1, 2020

Prepared for: SHORE SAND AND GRAVEL
560 ROUTE 72
BLOCK 42 – LOTS 2, 5.02 & 9
BLOCK 43, LOTS 3-5, 8 & 9.03
BLOCK 43.01, LOTS 9 & 9.01
BLOCK 44, LOTS 2 & 3
TOWNSHIP OF BARNEGAT
COUNTY OF OCEAN, NJ

Prepared by: K2 CONSULTING ENGINEERS, INC.
36 TANNER STREET
SUITE #100
HADDONFIELD, NJ 08033
Tel: (856) 310-5205
Fax: (856) 616-2441

John W. Kornick, P.E., P.P.
NJ License # 24GE04928500

Certificate of Authorization # 24GA28187400

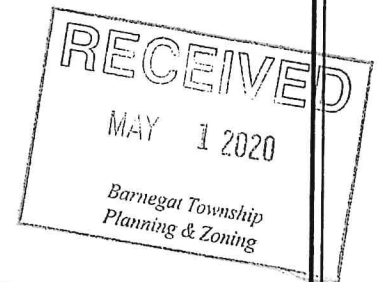


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1.0 INTRODUCTION

On behalf of Shore Sand and Gravel, LLC, we are providing to you a summary of the Resource Extraction operation under the Pinelands Comprehensive Management Plan (CMP) as promulgated under the Pinelands Protection Act (N.J.S.A. 13:18A).

By way of historic knowledge of the Shore Sand and Gravel Resource Extraction, the activity currently maintains an active Certificate of Filing (Application No. 1980-0076.001) dated August 6, 2018 which permits resource extraction for 20 acres of the 227.5 acre property. The property is located within the Pinelands Preservation Area District and is a permitted use as grandfathered per NJAC 7:50-6.65. This report has also been prepared in accordance with Section 55-293 of the Township of Barnegat Land Use Ordinance.

2.0 SITE LOCATION AND PROPERTY DESCRIPTION

The approximate 227-acre property is designated as tax parcels Block 42 Lots 2, 5.02, and 9; Block 43 Lots 3, 4, 5, 8, and 9.03; Block 43.01 Lots 9 and 9.01; and Block 44 Lots 2 and 3 in Barnegat Township, Ocean County, New Jersey. The site is located to the northeast at the intersection of State Highway Route 72 and Whiting Road (County Route 539). The site is within the Pinelands boundary within a Preservation Area.

The site is currently active as a resource extraction facility and is associated with existing mining areas, management facilities and offices, areas of equipment use and storage, open sand areas that have been and continue to be subject to mining activities, and large ponds/lakes that are the result of past and current mining activities. Most of the site is traversed by sand/drift roads.

The undisturbed areas of the site are characterized as wooded upland and wetland communities. Some areas of the site in the vicinity of the extraction/mining operations contain secondary growth pine and oak communities and lowland wetland communities. Outside of the mining footprint, in the northeast corridor of the property is the unnamed tributary to Yellow Dam Branch.

Active Soil Mining Area #1 is located with the northern most quadrant of the subject property and maintains a mining area of 20 acres (871,200 ±square feet). Existing drainage patterns flow from the outer most boundary of the mining area into the low area created by the surface mining operation. During the period covered by Permit No. #: 2018-1, minor site clearing has occurred in the area of the approved mining footprint.

Active Soil Mining Area #2 is located with the southernmost quadrant of the subject property and maintains a mining area of 16.89 ±acres (735,877 ±square feet). Existing drainage patterns flow



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Shore Sand and Gravel
February 1, 2020

from the outer most boundary of the mining area into the low area created by the surface mining operation.

3.0 HISTORICAL PERMITTING AND PINELANDS CMP

Shore Sand and Gravel Resource Extraction, the activity currently maintains an active Certificate of Filing (Application No. 1980-0076.001) dated August 6, 2018, which permits resource extraction for 20 acres of the 227.5 ±acre property. The property is located within the Pinelands Preservation Area District and is a legally pre-existing, permitted (“grandfathered”) use per N.J.A.C. 7:50-6.65.

Prior ownership, known as Francis Moon, Inc. applied to the Pineland Commission to verify and grandfather the resource extraction operations in 1981 pursuant to the Pinelands CMP, Article 5 and Article 6. Correspondence from the Pinelands Commission identified as *Resource Extraction Permit #4* dated August 21, 1981, outlined that the parcel was authorized by a valid Registration Certificate issued prior to February 8, 1979, by the New Jersey Department of Labor and Industry pursuant to N.J.S.A. 34:6-98(4)(h), therefore remains as a grandfathered resource extraction operation under the Comprehensive Management Plan. The Applicant’s Mine Registration Application to the Department of Labor and Industry designated 130 acres as the acreage to be mined and is further described in the Finding of Facts of the *Resource Extraction Permit*. In the conclusion of the 1981 document, there are 17 conditions of approval that were to be followed, of which continue thru the successive Certificate of Filing and annual Resource Extraction Permit issued for this operation (see appendix for document).

A Certificate of Filing restricts extraction activity to 20 acres and a new application for a Certificate of Filing must be applied for to continue operation after November 16, 2020. The owner must apply on a triennial basis, Resource Extraction Permits from the Barnegat Township Planning Board and Township Committee. All extraction activities shall be restricted within the bounds of the historic mining activity, of which can occur within the restricted wetland buffer of 300 feet from the mapped and approved freshwater wetlands. Resource extraction is permissible within the 300-foot wetland buffer if the activity historically occurred prior to January 21, 1981.

4.0 RESOURCE EXTRACTION ACTIVITY

Active Soil Mining Area #1 has not been reseeded or planted at this time. As described above, this area is currently active and no restoration is required at this time. It is anticipated that future resource extraction will continue in this same mining area.

Active Soil Mining Area #2 in the area of the existing wash plant has been idle during the current Permit period. The wash plant has recently been upgraded and is proposed to be



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operational during the upcoming Permitting period. The area is identified as Active Soil Mining Area #2 so that continued maintenance of the tailings pond can occur during operation of the wash plant.

Gates are positioned at two locations along the Site haul road as identified on the Shore Sand and Gravel Resource Extraction Plan as prepared by K2 Consulting Engineers, Inc. dated February 1, 2020. The existing haul road serves other, adjacent properties. The Site operates with 2-3 loaders, 5-10 dump trucks, 2 excavators, 3-5 off-road end dump trucks, 1-2 soil screeners, soil wash plant and a fuel truck. The operation's truck scale is located area along Route 72 near the Site office building. The facilities operating hours are 7 am to 6 pm, Monday thru Sunday.

The Applicant will obtain the following permits and certifications for the operation of the Site:

- New Jersey Pinelands Commission Certificate of Filing
- New Jersey Mining Registration
- Soil Erosion and Sediment Control Plan Certification
- New Jersey Department of Environmental Protection Water Allocation Permit
- New Jersey Department of Environmental Protection General Stormwater Permit
- Barnegat Township Soil Removal, Excavation and Mining

Based on soil removal, excavation and mining operations during the prior Permit period, the Site did not approach the anticipated mining levels forecasted prior to the Permit issuance. In the permitting period going forward (2020-2023) the Applicant is anticipating a mining volume of 200,000 ±cubic yards (approximately 225,000 ±tons) of sand and gravel. Annual mining volumes would be approximately 66,000 ±cubic yards (75,000 ±tons per year).

APPENDIX A
RESOURCE EXTRACTION PERMIT #4, AUGUST 21, 1981

FEB 13 1985

RECEIVED
AUG 14 1981

ERNST, ERNST AND LISSENER

August 21, 1981

RESOURCE EXTRACTION PERMIT #4

Gary F. Moon
Francis Moon, Inc.
Route #72
Box 560
Barnegat, N.J. 08005

Re: Application No. 81-0076P
Block 42, lots 2, 5 and 9
Block 43, lots 3, 4, 5 and 9
Block 44, lots 2 and 3
Barnegat Township

FINDINGS OF FACT

This application is for the continuation of an existing resource extraction operation on the above 209 acre parcel in Barnegat Township. The parcel is located in the Preservation Area District.

This operation on this parcel was authorized by a valid registration certificate issued prior to February 3, 1979 by the New Jersey Department of Labor and Industry pursuant to N.J.S.A. 34:6-93 (4)(h). The applicant's mine registration application to the Department of Labor and Industry designated 130 acres as the acreage to be mined. The site has been excavated for about 40 years. About 65 acres have been previously cleared and mined. The owner registered the operation with the Pinelands Commission prior to January 21, 1981.

The site lies between the Yellow Dam Branch of the Oswego River and other headwaters of the Oswego River. The Yellow Dam Branch flows through the southwestern portion of the property. Portions of the site have Atsion and Berryland soils. There are hardwood swamps and an inland marsh located on the property. Portions of the existing resource extraction activity are located within 300 feet of these fresh water wetlands. There are Pine Barrens tree frogs in the fresh water wetlands on the site. No new resource extraction will occur within 300 feet of the above fresh water wetlands.

FEB 13 1985

There are two existing ponds located on the site which were created by the existing resource extraction. The proposed final depth of the northern pond will be 31 feet. The proposed final depth of the southern pond will be 25 feet. The shoreline of both ponds will not exceed one foot vertical to five feet horizontal.

CONCLUSION

The continuation of this resource extraction operation is a permitted use in the Preservation Area District (Section 5-302 J and Section 6-603 A). The applicant meets all the requirements contained in Section 6-603. With the attached conditions, the proposed development is consistent with the provisions of Article 6 of the Plan.

Pursuant to Section 4-206, the proposed development satisfies the criteria and standards established in Article 5 and Article 6 of the Comprehensive Management Plan and is otherwise consistent with the objectives of the Federal Act, the Pinelands Protection Act and with the Plan, if the following conditions are adhered to:

1. The proposed development shall adhere to the site plan, consisting of 3 sheets, prepared by Ernst, Ernst and Lissenden and dated March, 1981 and last revised on June 10, 1981, except as is modified by the conditions stated below.
2. No clearing or resource extraction operation shall occur within 200 feet of any property line of the property except where existing resource extraction operations are located within 200 feet of a property line. In areas where the existing resource extraction operation is located closer than 200 feet of a property line no further clearing shall occur within 200 feet of the property line.
3. No clearing, disturbance of the land or resource extraction operation shall occur within 300 feet of any fresh water wetland located on the site, except where existing resource extraction operations are located within 300 feet of the fresh water wetlands. In areas where the existing resource extraction operation is located within 300 feet of fresh water wetlands no further clearing shall occur within 300 feet of the fresh water wetland.
4. Within 15 days of this approval, the applicant shall delineate the buffer areas described in conditions 2 and 3 on the site with surveyor's tape. The applicant shall maintain said surveyor's tape on the site until the resource extraction operation is completed.
5. Topsoil necessary for restoration shall be maintained on the site and protected from erosion.

6. All entrance roads shall be fenced or blocked so as to preclude unauthorized access to the site.
7. Surface water run-off shall be maintained on the site in a manner that will provide for on-site recharge to the ground water. No storm water run-off shall be discharged into the fresh water wetlands located on the site.
8. Restoration shall be a continuous process and each portion of the parcel shall be restored within 2 years after resource extraction is completed for that portion.
9. All restored areas shall be graded so as to conform to the natural contours of the parcel; the slope of restored surfaces shall not exceed one foot vertical to 3 feet horizontal except as provided in condition number 11.
10. Topsoil shall be restored in approximately the same quality and quantity as existed at the time the resource extraction operation was initiated.
11. Any body of water created by the resource extraction operation shall have a graded shoreline with a slope not to exceed one foot vertical to 5 feet horizontal. Said grade shall extend from where the pond reaches a depth of 20 feet below the mean water table of the pond to a distance 200 feet from the edge of the pond as it exists at the mean water table.
12. Drainage flows, including direction and volume, shall be restored, to the maximum extent practical, to those flows existing at the time the resource extraction operation was initiated.
13. Reclamation shall to the maximum extent practical result in the reestablishment of the vegetation association which existed prior to the extraction activity and shall include:
 - a. the planting of a minimum of 1,000 one year old pitch pine seedlings per acre;
 - b. stabilization of exposed areas by establishing ground cover utilizing vegetation native to the Pinelands including native grasses.

- c. cluster planting of characteristic Pinelands oak species and shrubs such as black huckleberry, sheep laurel and mountain laurel at a spacing sufficient to ensure establishment of these species.
14. Reclamation of the shoreline of each pond shall commence while that pond is being mined. No excavation in the southern pond shall commence until at least 8,000 linear feet of the shoreline of the northern pond has been graded to a 5:1 slope as set forth in condition 11 above and stabilized with vegetation.
15. The applicant shall submit a completed soil erosion and sediment control plan to the Ocean County Soil Conservation District within 30 days of the date of this approval for all areas that are proposed to be mined, a copy of said plan shall be submitted to the Pinelands Commission.
16. Representatives of the Pinelands Commission shall have the right to inspect the property during the resource extraction operation and restoration of the site.
17. This permit shall expire within 2 years of the date hereof.

RECONSIDERATION

Any person who is aggrieved by this determination may seek reconsideration of the decision by the Pinelands Commission within 18 days of the date of this letter by giving notice, by certified mail, of the request for reconsideration to the Pinelands Commission. Said notice shall include:

1. the name and address of the person requesting the reconsideration;
2. the application number;
3. a brief statement of the basis for the reconsideration request; and
4. a certificate of service indicating that service of the notice has been made, by certified mail, on:
 - a. the applicant (unless the applicant is requesting the reconsideration);
 - b. the secretary of the Barnegat Township Planning Board;

- c. the secretary of the Ocean County Planning Board.

FEB 13 1965

Sincerely,



William Harrison, Esquire
Assistant Director
Pinelands Commission

WH:ss

cc: Secretary, Barnegat Township
Planning Board
Secretary, Ocean County
Planning Board
George C. Lissenden, Jr.

APPENDIX B
RESOURCE EXTRACTION PLANS – ERNST, ERNST AND LISSDEN MARCH 1981

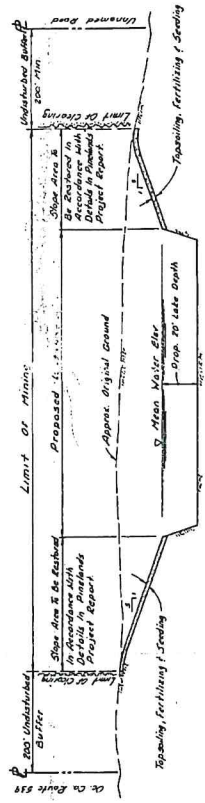
Woodmanville Quadrangle Sheet, Brookville Quadrangle Sheet



Woodmanville Quadrangle Sheet, Brookville Quadrangle Sheet

GENERAL NOTES

- OWNER AND APPLICANT: FRANCIS M. MOON, INC., P.O. BOX 540, ROUTE 72, BROOKING, NEW JERSEY 08005
- EXISTING TOPOGRAPHY FROM BROOKVILLE AND WOODMANVILLE QUADRANGLE SHEETS.
- BATCH FOR ELEVATIONS: U.S.G.S. DATUM. ELEVATION OF PROJECT CENTER - NORTH SIDE, NEW JERSEY ROUTE 872, ELEVATION = 131.223.
- PROJECT SITE COMPRISED OF FOLLOWING LOTS:
 - 124 LOT 1 - 20.7 ACRES
 - 124 LOT 2 - 20.7 ACRES
 - 124 LOT 3 - 20.7 ACRES
 - 124 LOT 4 - 20.7 ACRES
 - 124 LOT 5 - 20.7 ACRES
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 - 124 LOT 98 - 20.7 ACRES
 - 124 LOT 99 - 20.7 ACRES
 - 124 LOT 100 - 20.7 ACRES
- TOTAL SITE AVERAGE = 200.7 ACRES
- PROPERTY LOCATED IN PHILADELPHIA PRESERVATION AREA.
- PRESENT USE: RESOURCE EXTRACTION AS-WASH PLANT.
- PROPOSED OPERATION - MONDAY THRU SATURDAY: 7:00 A.M. TO 6:10 P.M. (UNLIGHT SAVING TIME).
- NUMBER OF EMPLOYEES WILL BE THREE (3 TO 5) (6).
- TOTAL QUANTITY OF MATERIAL TO BE MINED IS 5,000,000 CUBIC YARDS. (INCLUDES QUANTITIES MINED PREVIOUSLY)
- PROPOSED OPERATION WITH DETAILS CONTAINED IN ACCOMPANYING PHYSICALS SUBJECT REPORT.
- SOIL LOSSING AND EROSION CONTROL TO BE IN ACCORDANCE WITH PLANS CERTIFIED BY OCEAN COUNTY SOIL CONSERVATION DISTRICT. PLAN FOR INITIAL 25 ACRE PHASE (APPLICATION #10) - CERTIFIED ON 12/29/91, 1991.



TYPICAL SECTION

SHEET NUMBER	TITLE	DATE	PROJECT REVISION
1	GENERAL PLAN / MISCELLANEOUS	MARCH 1991	
2	MINING PLAN	MARCH 1991	
3	CROSS SECTIONS	MARCH 1991	
	PHILADELPHIA PERMIT REPORT - MARCH 1991		

#1

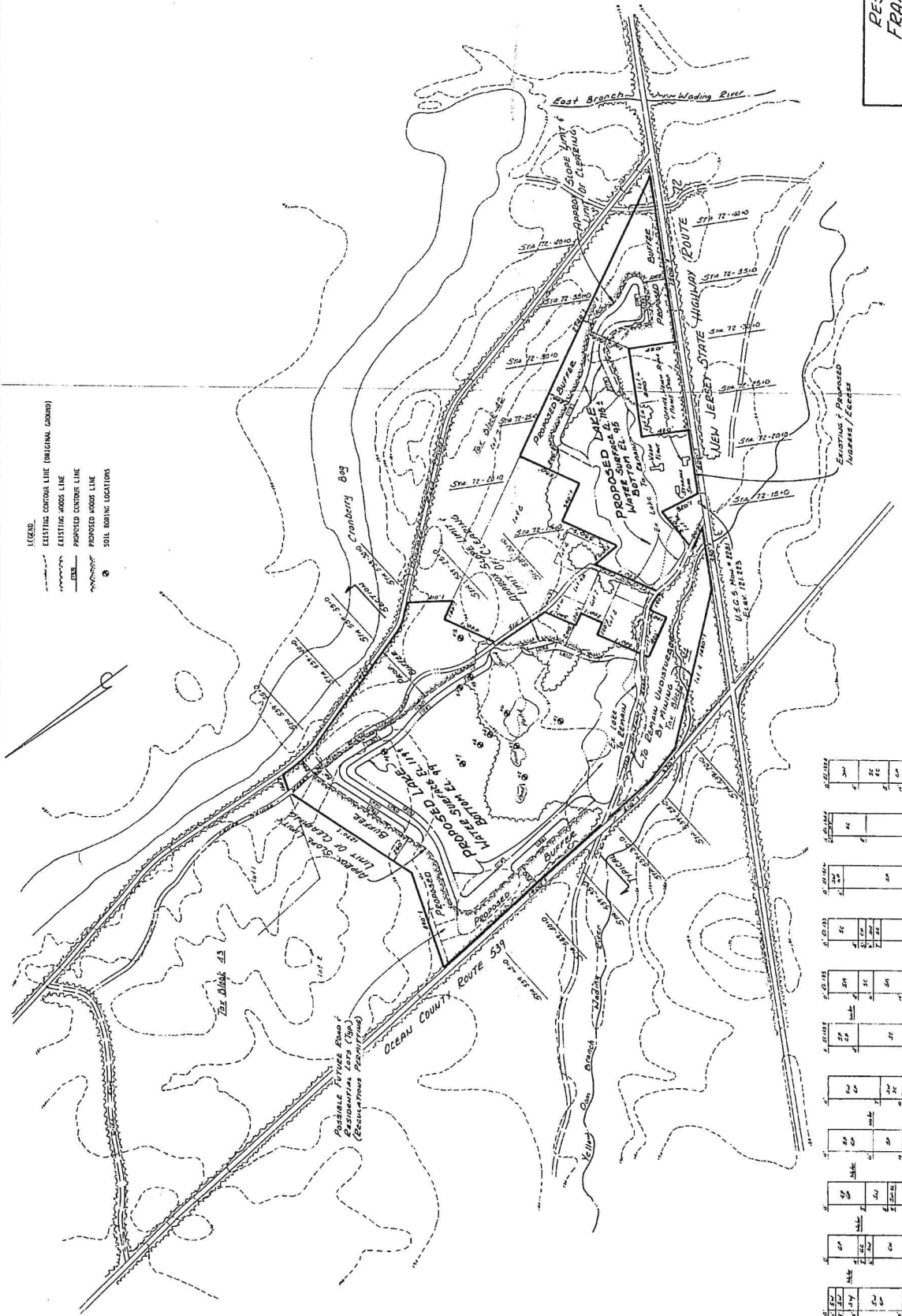
RESOURCE EXTRACTION
FRANCIS MOON INC.
Borough: Township Ocean County New Jersey

GENERAL PLAN and MISCELLANEOUS
(BROOKVILLE and WOODMANVILLE QUADRANGLE SHEETS)

ERNST, ERNST & LISSENDEN
ENGINEERS & SURVEYORS
P.O. Box 351 - 52 Street, Iron River, New Jersey 08753

DATE: 7/20/91
DRAWN BY: JED
CHECKED BY: JED
DRAWING NUMBER: **A-1599**

- LEGEND
- EXISTING CONTOUR LINE (ORIGINAL GROUND)
 - EXISTING CROSS LINE
 - PROPOSED CONTOUR LINE
 - PROPOSED CROSS LINE
 - SOIL BORING LOCATIONS



SOIL LOGS

LOG NO.	DEPTH (FEET)	DESCRIPTION	DATE	BY
1	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
2	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
3	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
4	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
5	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
6	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
7	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
8	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
9	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
10	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
11	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
12	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
13	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
14	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
15	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
16	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
17	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
18	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
19	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		
20	0-1.5	SP	11/10/72	D.J. Mc
	1.5-2.0	SP		

#19

**RESERVE EXTRACTOR
FRANCIS MOON INC.**

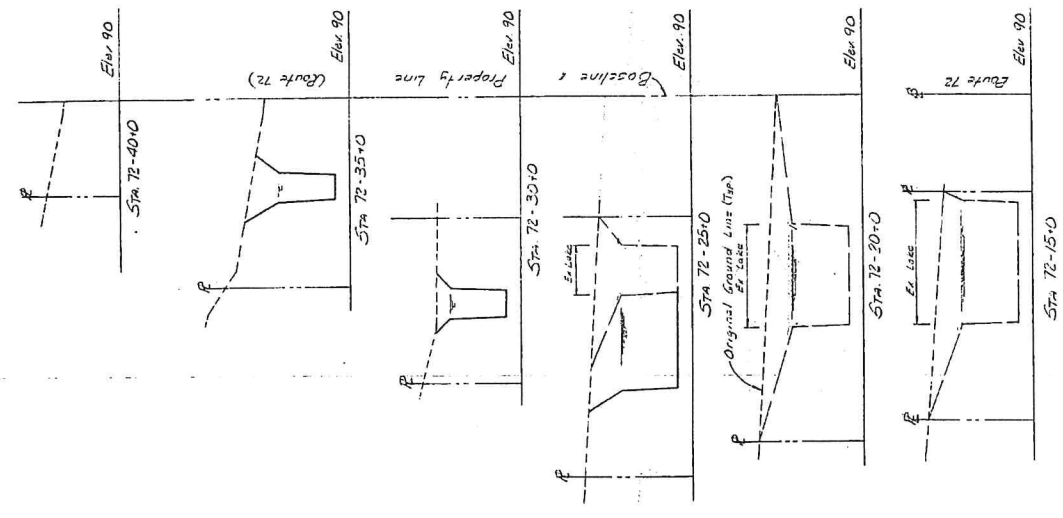
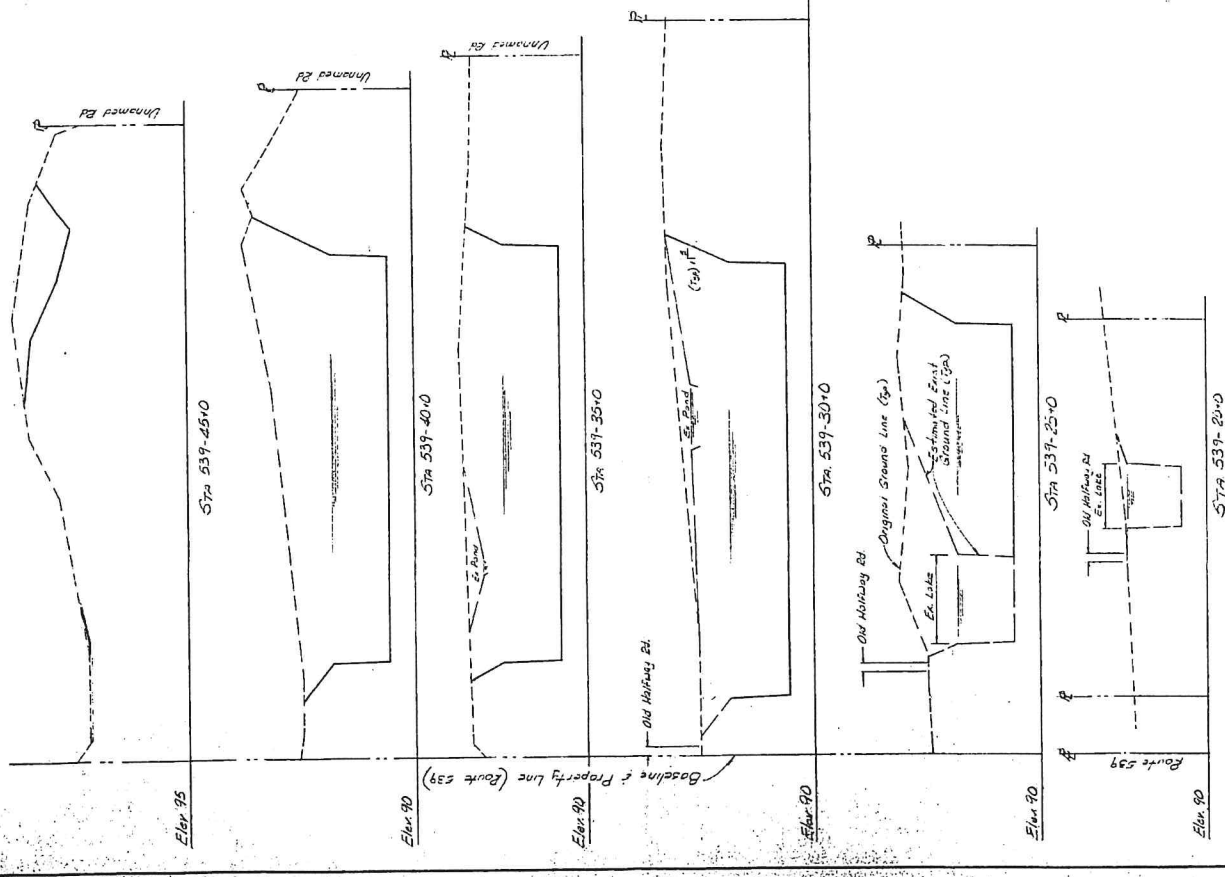
Barnegat Township Ocean County New Jersey

MINING PLAN

ERNST, ERNST & LISSENDEN
ENGINEERS & SURVEYORS
PO Box 381 - St. Marks Street, York River, New Jersey 08553

DATE: March 1987
SCALE: 1" = 400'
DRAWN BY: JED
CHECKED BY: JED
SHEET NO. 2 OF 3
DRAWING NUMBER
A 1599

NO.	DATE	REVISION



#3

RESOURCE EXTRACTION
FRANCIS MOOU INC
 Barnegat Township Ocean County New Jersey

CROSS SECTIONS
ERNST ERNST & LISSENBACH
ENGINEERS & SURVEYORS
 P.O. Box 331-32 High Street, Palm Beach, New Jersey 08753

DATE: 10/20/09
 DRAWN BY: JES
 CHECKED BY: JES
 SCALE: 1" = 20'

PROJECT NO: A-1599

NO.	DATE	REVISION

APPENDIX C
PINELANDS CERTIFICATE OF FILING – PENDING UPDATE



State of New Jersey
 THE PINELANDS COMMISSION
 PO Box 359
 NEW LISBON, NJ 08064
 (609) 894-7300
 www.nj.gov/pinelands



PHILIP D. MURPHY
 Governor
 SHEILA Y. OLIVER
 Lt. Governor

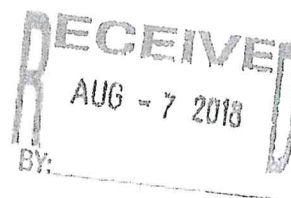
General Information: Info@pinelands.nj.gov
 Application Specific Information: AppInfo@pinelands.nj.gov

SEAN W. EARLEN
 Chairman
 NANCY WITTENBERG
 Executive Director

August 6, 2018

Aaron Cave
 Shore Sand & Gravel, LLC
 560 Route 72
 Barnegat, NJ 08005

Re: Application # 1980-0076.001
 Block 42, Lots 2, 5.02 & 9
 Block 43, Lots 3 - 5, 8 & 9.03
 Block 43.01, Lots 9 & 9.01
 Block 44, Lots 2 & 3
 Barnegat Township



Dear Mr. Cave:

Pursuant to N.J.A.C. 7:50-4.34 of the Pinelands Comprehensive Management Plan, the completion of this application has resulted in the issuance of the enclosed *Certificate of Filing*.

The Certificate of Filing is not an approval. It is the document necessary to allow any municipal or county agency to review and act on the proposed development application. All municipal and county permits and approvals granted for the proposed development are subject to review by the Pinelands Commission. **No permit or approval shall take effect and no development may occur until the Commission issues a letter indicating that the municipal or county permit or approval may take effect.**

Upon receipt of any municipal or county permit or approval, please submit a copy to the Commission's office with the additional items listed on the enclosed *Local Agency Approval Submission Checklist*.

If you have any questions, please contact Ernest M. Deman of our staff.

Sincerely,

for Charles M. Horner, P.P.
 Director of Regulatory Programs

Enc: Certificate of Filing
 Local Agency Approval Submission Checklist

c: Secretary, Barnegat Township Planning Board (via email)
 Barnegat Township Construction Code Official (via email)
 Barnegat Township Environmental Commission (via email)
 Secretary, Ocean County Planning Board (via email)





Philip D. Murphy
Governor

Sheila Y. Oliver
Lt. Governor

New Jersey Pinelands Commission
PO Box 359
New Lisbon, NJ 08064
(609) 894-7300



Sean W. Earlen
Chairman

Nancy Wittenberg
Executive Director

CERTIFICATE OF FILING

Application #: 1980-0076.001

Applicant: Shore Sand & Gravel, LLC
Municipality: Barnegat Township

Block 42, Lots 2, 5.02 & 9; Block 43, Lots 3 - 5, 8 & 9.03; Block 43.01, Lots 9 & 9.01; Block 44, Lots 2 & 3
Preservation Area District, PA Zoning District: 227.5 acres

Proposed Development

Resource extraction operation

Plan(s) Subject of Certificate of Filing

Resource Extraction Plan, consisting of 8 sheets, prepared by East Coast Engineering, Inc. and dated as follows:
Sheets 1-8, dated 6/1/2018, last revised 7/23/2018

for Charles M. Horner, P.P.
Director of Regulatory Programs

August 6, 2018

Date

Please see reverse side for additional information and conditions.

BACKGROUND

Existing development:

- ♦ Resource extraction operation

Relevant Information:

- ♦ There are wetlands located on the parcel.
- ♦ This application proposes to mine 20 acres.

CONDITIONS

1. All resource extraction activities shall be located at least 300 feet from any wetland.
2. Mining shall not exceed 65 feet below the natural ground surface existing prior to excavation.

NEXT STEPS

- ♦ This Certificate of Filing is not an approval.
- ♦ Submit a copy of this Certificate of Filing to all county and municipal agencies that are required to review and act on your application (municipal planning board, building department, county health department, etc.).
- ♦ Send a copy of all approvals/permits that are issued by the county or municipality to the Pinelands Commission for review. Please use the attached *Local Agency Approval Submission Checklist* to make sure you are submitting all required documentation related to the approval/permit.
- ♦ No local approval/permit takes effect and no development can occur until the Pinelands Commission has reviewed the approval. When we complete our review, we will issue you a letter stating that the approval/permit can take effect.



LOCAL AGENCY APPROVAL SUBMISSION CHECKLIST

- ✓ All approvals (including permits) issued by local agencies (including counties and municipalities) must be submitted to the Pinelands Commission. **No approval shall take effect and no development may occur until the Commission issues a letter indicating that the approval may take effect.**
- ✓ Identify the approvals required for your development proposal in the list below. Be sure to submit all items listed as quickly as possible as each approval is issued to you.
- ✓ Be sure that all approved plans contain all specified site restrictions and conditions listed in your Certificate of Filing (e.g., wetlands/wetland buffers, threatened/endangered species protection, scenic setback). This includes notes as well as depictions of clearly labeled lines, clearing limits, envelopes, etc.

	Type of approval(s):	Submit a copy to the Commission:
MUNICIPAL	<ul style="list-style-type: none"> • Subdivision approval (<i>preliminary, final, major and minor</i>) • Site plan approval (<i>preliminary, final, major and minor</i>) • Variance and/or waiver • Certificate of Appropriateness • General development plan approval • Construction permit • Zoning permit • Demolition permit • Forestry permit • Mining permit • Certificate of Occupancy 	<ul style="list-style-type: none"> <input type="checkbox"/> Resolution granting approval <input type="checkbox"/> Approved plan(s), signed and sealed <input type="checkbox"/> Municipal engineer's and planner's reports <input type="checkbox"/> Stormwater management report (<i>if revised since issuance of Certificate of Filing</i>) <input type="checkbox"/> Permit
COUNTY	<ul style="list-style-type: none"> • Subdivision approval (<i>preliminary/conditional, final, major and minor</i>) • Site plan approval (<i>preliminary/conditional, final, major and minor</i>) • Soil Conservation District certification • Standard septic system permit • Alternate design septic system permit 	<ul style="list-style-type: none"> <input type="checkbox"/> Approval <input type="checkbox"/> Approved plan(s), signed and sealed <input type="checkbox"/> Permit <input type="checkbox"/> Approved plan (<i>only necessary if your Certificate of Filing contains a wetland protection condition and/or threatened/endangered species protection condition</i>) <input type="checkbox"/> Permit <input type="checkbox"/> Approved plan <input type="checkbox"/> Written certification of approved plan by alternate design system manufacturer



PHILIP D. MURPHY
Governor
SHEILA Y. OLIVER
Lt. Governor

State of New Jersey

THE PINELANDS COMMISSION

PO Box 359

NEW LISBON, NJ 08064

(609) 894-7300

www.nj.gov/pinelands



SEAN W. EARLEN
Chairman
NANCY WITTENBERG
Executive Director

General Information: Info@pinelands.nj.gov
Application Specific Information: AppInfo@pinelands.nj.gov

January 2, 2019

Aaron Cave
Shore Sand & Gravel, LLC
560 Route 72
Barnegat, NJ 08005

NOTIFICATION OF REVIEW OF LOCAL AGENCY APPROVAL(S)

DETERMINATION: CONSISTENT – APPROVAL(S) MAY TAKE EFFECT

APPLICATION #	1980-0076.001
Agency Approval(s) Reviewed	<ul style="list-style-type: none"> Soil Removal Permit Renewal (Resolution P-2018-25) issued by the Barnegat Township Planning Board Administrative Approval via issuance of a 12/5/2018 letter by the Barnegat Township Planning Board Engineer to modify the limits of active mining on the parcel
Applicant	Shore Sand & Gravel, LLC
Parcel	Block 42, Lots 2, 5.02 & 9 Block 43, Lots 3 - 5, 8 & 9.03 Block 43.01, Lots 9 & 9.01 Block 44, Lots 2 & 3 Barnegat Township Preservation Area District, PA Zoning District: 227.5 acres
Proposed Development	Continuation of a resource extraction operation
Plans reviewed	Resource Extraction Plan, consisting of 8 sheets, prepared by East Coast Engineering, Inc. and dated as follows: Sheets 1-8 dated 6/1/2018 last revised 12/3/2018

CONDITIONS FOR DEVELOPMENT:

- All resource extraction activities shall be located at least 300 feet from any wetland.
- On a yearly basis, the applicant shall certify in writing and to the satisfaction of the Barnegat Township land use board and the Pinelands Commission that all mining and restoration activities have been and continue to be conducted in accordance with the approved plan.
- No resource extraction operation shall occur after 11/16/2020 unless a new application has been completed with the Pinelands Commission, a Certificate of Filing has been issued and the Commission has issued a letter indicating that all necessary local permits and approvals may take effect.



4. Mining shall not exceed 65 feet below the natural ground surface existing prior to excavation.

If you have any questions, please contact Ernest M. Deman of our staff.

Sincerely,



for Charles M. Horner, P.P.

Director of Regulatory Programs

- c: Secretary, Barnegat Township Planning Board (via email)
- Barnegat Township Construction Code Official (via email)
- Barnegat Township Environmental Commission (via email)
- Secretary, Ocean County Planning Board (via email)
- Clint B. Allen, Esq. (via email)

APPENDIX D

MINE REGISTRATION CERTIFICATE NO. 004692, EXP. MARCH 31, 2020 PENDING UPDATE



State of New Jersey
Department of Labor and Workforce Development

Certificate No. 004692
Expiration Date 3/31/2020

MINE REGISTRATION CERTIFICATE

ISSUED TO: SHORE SAND & GRAVEL
LOCATION: 560 ROUTE #72 WEST
BARNEGAT, NJ

BLK NO(S): SEE BELOW
LOT NO(S): SEE BELOW
COUNTY: OCEAN

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

<u>BLK NO(S)</u>	<u>LOT NO(S)</u>
42	2, 5.022, 9
43	3, 4, 5, 8, 9.03
43.01	9, 9.01
44	2, 3

APPENDIX E
CURRENT SOIL EROSION AND SEDIMENT CONTROL CERTIFICATION, FEBRUARY 1, 2017



714 Lacey Road, Forked River, NJ 08731 Tel: (609) 971-7002 Fax: (609) 971-3391
www.SoilDistrict.org

SOIL EROSION AND SEDIMENT CONTROL CERTIFICATION
N.J.S.A. 4:24-39, ET. SEQ., CHAPTER 251, P.L.1975

CERTIFICATION DATE: February 1, 2017

Aaron Cave
Shore Sand & Gravel, LLC
566 Route 72
Barnegat, NJ 08005

Re: SCD# 1577; Shore Sand & Gravel, LLC; Block 42, Lots 2, 5.02 & 9; Block 43, Lots 3, 4, 5, 8 & 9.03; Block 43.01, Lots 9 & 9.01; Block 44, Lots 2 & 3; Barnegat Township

Pursuant to Chapter 251, Soil Erosion and Sediment Control Act, P.L. 1975, the Ocean County Soil Conservation District, hereby, grants certification of the soil erosion and sediment control plan for the above-referenced project, subject to the following:

1. The applicant is required to schedule a pre-construction meeting with the District prior to the start of soil disturbance activities. The applicant must also notify the District, by mail or fax, at least 48 hours prior to initial land disturbance.
2. Any changes to the certified Soil Erosion and Sediment Control Plan will require the submission of a revised Soil Erosion and Sediment Control Plan to the District for review and approval.
3. The applicant must notify the District when the project is completed.
NOTE: No certificate of occupancy can be granted by a municipality until a report of compliance is issued by the District.
4. The applicant must carry out all land disturbance activities in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey, promulgated by the State Soil Conservation Committee. A copy of the certified plan and a copy of these provisions must be kept on the job site at all times.
5. Any conveyance of the project (or portion thereof) will transfer full responsibility for compliance to subsequent owner(s). The District must be notified in writing of any change of ownership.
6. This certification is limited to the controls specified in this plan. It is not authorization to engage in the proposed land use unless such use has been previously approved by the municipality or other controlling agency. THIS CERTIFICATION SHALL EXPIRE IN 3-1/2 YEARS.

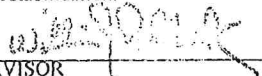
Failure to comply with any of the conditions listed may result in the issuance of a Stop Construction Order.

NOTE: (1) All sediment spilled, dropped, washed or tracked onto roadways (public or private), or other impervious surfaces must be removed immediately.

NOTE: (2) At the time of the final inspection you are required to provide confirmation that the proper type and amount of seed, lime and fertilizer have been used for permanent stabilization work.

NOTE: (3) Additional Measures will be required if erosion problems develops.

NOTE: (4) The revised Standards for Soil Erosion and Sediment Control in NJ require applicants to perform a soil test to determine the lime application rate prior to permanent stabilization.


SUPERVISOR

Healthy Soil is at the Root of Everything!