



May 17, 2023

Kevin Kispert
Environmental Analyst II
New York State Department of Environmental Conservation
Division of Environmental Permits, Region 1
SUNY @ Stony Brook
50 Circle Road
Stony Brook, NY 11790

Robert Calarco
Chairman

Yvette Aguiar
Member

Steven Bellone
Member

Edward P. Romaine
Member

Jay H. Schneiderman
Member

RE: SEQRA Lead Agency Coordination: 1-436-00057/00003
4 Old Country Road LLC (formerly Westhampton Mining Aggregates)
76 North Summit Boulevard, Westhampton
Central Pine Barrens Core Preservation Area

Dear Mr. Kispert:

On April 12, 2023, the Central Pine Barrens Commission received the SEQRA Lead Agency coordination for the proposal. The property is in the Core Preservation Area.

The Commission does not object to NYSDEC assuming Lead Agency for the project classified as a Type 1 Action. If the Project constitutes development, it will need Commission approval and the Commission would be an Involved Agency. Please continue to coordinate the Agency's review of the Project with the Commission.

Existing Conditions and Proposed Project

The project site contains 44.92 acres. It is a former sand and gravel mine known as Westhampton Mining Aggregates. Based on a review of the Town's GIS portal, the project site contains at least four parcels including: 900-331-4-5; 900-332-3-26, 28.1 and 28.2.

The proposal is to develop a Solid Waste Management facility to reclaim (fill) the former mine pit in six (6) phases over more than one year. The facility will receive inert construction and demolition material including brick, concrete, soil and natural stone including 50,000 cubic yards (cy) per year (cy/yr) of concrete and 50,000 cy/yr of soil. The estimated total amount of material to be placed on the project site is 814,374 cy. On-site equipment includes crushers, screeners, grinders, payloaders and excavators.

Once the site achieves a desired elevation, at the end of each phase, redevelopment potential will exist. It is anticipated that the project sponsor will seek to change the zone of the parcel to facilitate additional uses on the reclaim site.

624 Old Riverhead Road
Westhampton Beach, NY
11978

Phone (631) 288-1079
Fax (631) 288-1367
<https://pb.state.ny.us/>

Central Pine Barrens Status

The proposed activities constitute development, pursuant to New York State Environmental Conservation Law (ECL) Article 57 Section 57-0107(13). The Comprehensive Land Use Plan states that development in the Core is prohibited absent a hardship. Therefore, at some point in this process, potentially when the applicant has settled on one or more reasonable alternative redevelopment plans for the site, a core hardship application must be submitted to the Commission for review and decision.

Comments

As a Type I Action and the nature of the proposal, pursuant to 6NYCRR Part 617.7, the applicant should prepare a Draft Environmental Impact Statement (DEIS). A DEIS would provide an opportunity for the applicant to analyze and for the public and involved agencies to participate in the evaluation and review of potential adverse impacts from the proposed action including two main activities:

- Use of the site as a landfill or solid waste facility to fill it to a suitable elevation to support redevelopment
- Redevelopment plan(s) and use(s) for the site

The DEIS should evaluate potential significant adverse environmental impacts of the proposed activities pursuant to Article 8 of the Environmental Conservation Law and its implementing regulations.

Redevelopment options once the site is backfilled may be limited due to the type of fill material and conformance with public health standards, therefore, reasonable redevelopment alternatives should be explored.

The proposal must conform to all other involved agency jurisdictions and permit requirements in effect on the project site. Thank you for your attention, and if you have any questions, please do not hesitate to contact me at (631) 218-1192.

Sincerely,



Julie Hargrave
Policy and Planning Manager

cc: Judy Jakobsen, Executive Director
John C. Milazzo, Counsel

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 1

SUNY @ Stony Brook, 50 Circle Road, Stony Brook, NY 11790

P: (631) 444-0365 | F: (631) 444-0360

www.dec.ny.gov

April 12, 2023

Town of Southampton
Town Planning and Development
JScherer@southamptontownny.gov

Central Pine Barrens Joint Planning & Policy Commission
Policy and Planning Manager
Julie.Hargrave@SCWA.com
jhargrave@pb.state.ny.us

LEAD AGENCY COORDINATION REQUEST

Dear Reviewers:

The purpose of this request is to determine under the State Environmental Quality Review Act (SEQRA) of the Environmental Conservation Law and 6NYCRR Part 617 the following:

1. Your agency's jurisdiction in the action described below;
2. Your agency's interest in acting as lead agency;
3. Issues of concern your agency believes should be evaluated.

Enclosed is a copy of the permit application and a completed Part 1 of the Environmental Assessment Form (EAF) to assist you in responding.

Project Name: 4 Old Country Road LLC

Description: Construct a Solid Waste Management facility on a former mine site (Westhampton Mining Aggregates) to reclaim (fill) the former mine pit in six (6) phases. The 44.92 acre facility will receive inert C&D material including brick, concrete, soil and natural stone. 50,000 cy/yr concrete, 50,000 cy/yr soil. On-site equipment includes crushers, screeners, grinders, payloaders and excavators.

Location: 76 North Summit Blvd., Westhampton

DEC Application #: 1-4736-00057/00002

Permit Type: Solid Waste Management

SEQRA Classification: ☒ Type I ☐ Unlisted



DEC Position: ☐ DEC wishes to assume lead agency status.

☒ DEC has no objection to your agency or another agency assuming lead agency status for this action, but reserves the right to comment on this action if a positive determination of significance is made.

Please respond to my attention at your earliest convenience or within 30 days of the date of this letter. If no response is received within 30 days, we will assume that you have no objection to DEC or another agency assuming the role of lead agency, and have no comments to offer regarding the proposed action at this time.

Please feel free to contact this office at 631-444-0369 for further information or discussion.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Kevin Kispert', written in a cursive style.

Kevin Kispert
Environmental Analyst II

cc: M. Merrill PWGC
 4 Old Country Road LLC

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either “Yes” or “No”. If the answer to the initial question is “Yes”, complete the sub-questions that follow. If the answer to the initial question is “No”, proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: 4 Old Country Road, LLC Grade Adjustment & Environmental Restoration		
Project Location (describe, and attach a general location map): 76 North Summit Boulevard, Westhampton, NY 11977		
Brief Description of Proposed Action (include purpose or need): This application is being submitted as required pursuant to a consent order entered with the NYSDEC to facility to the environmental restoration of the property. The facility seeks to import concrete, brick, masonry materials, and clean soil to backfill a former mine site. Site operator plans to backfill site to 41' AMSL, resulting in the importation of approximately 814,374 CY of material. Backfill operation has been subdivided into 6 phases, each of which will allow for commercial viability at the completion of each phase. Site will be readjusted to facilitate redevelopment consistent with applicable zoning. Facility will include import of concrete and soils to develop and distribute RCA and soil blends built to project specifications until the property is reclaimed via grade adjustment consistent with the NYSDEC consent order.		
Name of Applicant/Sponsor: 4 Old Country Road, LLC	Telephone: (631) 332-6652	
	E-Mail: frank@igcsitework.com	
Address: 76 North Summit Boulevard		
City/PO: Westhampton	State: NY	Zip Code: 11977
Project Contact (if not same as sponsor; give name and title/role): Frank Amicizia, Member	Telephone: (631) 332-6652	
	E-Mail: frank@igcsitework.com	
Address: 76 North Summit Boulevard		
City/PO: Westhampton	State: NY	Zip Code: 11977
Property Owner (if not same as sponsor): 4 Old Country Road, LLC	Telephone: (631)332-6652	
	E-Mail: frank@igcsitework.com	
Address: 76 North Summit Boulevard		
City/PO: Westhampton	State: NY	Zip Code: 11977

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, ☐ Yes ☒ No or Village Board of Trustees		
b. City, Town or Village Planning Board or Commission ☐ Yes ☒ No		
c. City, Town or Village Zoning Board of Appeals ☐ Yes ☐ No		
d. Other local agencies ☐ Yes ☒ No		
e. County agencies ☐ Yes ☒ No		
f. Regional agencies ☐ Yes ☒ No		
g. State agencies ☐ Yes ☐ No	NYSDEC	
h. Federal agencies ☐ Yes ☐ No		
i. Coastal Resources. i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐ Yes ☒ No ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☐ Yes ☒ No iii. Is the project site within a Coastal Erosion Hazard Area? ☐ Yes ☒ No		

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐ Yes ☒ No

- If Yes, complete sections C, F and G.
- If No, proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☒ Yes ☐ No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☒ Yes ☐ No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☒ Yes ☐ No

If Yes, identify the plan(s):

Remediation Sites:152224

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐ Yes ☒ No

If Yes, identify the plan(s):

C.3. Zoning		
a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. If Yes, what is the zoning classification(s) including any applicable overlay district?		☒ Yes ☐ No
CR200 - Country Residence		
b. Is the use permitted or allowed by a special or conditional use permit?	NIA	☐ Yes ☐ No
c. Is a zoning change requested as part of the proposed action? If Yes,	NIA	☐ Yes ☐ No
i. What is the proposed new zoning for the site?		
C.4. Existing community services.		
a. In what school district is the project site located?	Westhampton	
b. What police or other public protection forces serve the project site?	Southampton Town PD	
c. Which fire protection and emergency medical services serve the project site?	Westhampton Fire Department	
d. What parks serve the project site?	Town of Southampton Parks & recreations, NYS Parks	

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)?

b. a. Total acreage of the site of the proposed action? _____ 44.92 acres
 b. Total acreage to be physically disturbed? _____ 36.7 acres
 c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ 44.92 acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☒ No
 i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☒ No
 If Yes,
 i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types) _____
 ii. Is a cluster/conservation layout proposed? ☐ Yes ☐ No
 iii. Number of lots proposed? _____
 iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will the proposed action be constructed in multiple phases? ☒ Yes ☐ No
 i. If No, anticipated period of construction: _____ 39 months
 ii. If Yes:
 • Total number of phases anticipated _____
 • Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
 • Anticipated completion date of final phase _____ month _____ year
 • Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? ☐ Yes ☒ No If Yes, show numbers of units proposed.				
	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	_____	_____	_____	_____
At completion of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)? ☐ Yes ☒ No If Yes,	
i. Total number of structures _____ ii. Dimensions (in feet) of largest proposed structure: _____ height; _____ width; and _____ length iii. Approximate extent of building space to be heated or cooled: _____ square feet	

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☐ Yes ☒ No If Yes,	
i. Purpose of the impoundment: _____ ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☐ Other specify: _____ iii. If other than water, identify the type of impounded/contained liquids and their source. _____ iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): _____ _____	

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? ☐ Yes ☒ No (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) If Yes:	
i. What is the purpose of the excavation or dredging? _____ ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site? • Volume (specify tons or cubic yards): _____ • Over what duration of time? _____ iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. _____ _____ iv. Will there be onsite dewatering or processing of excavated materials? ☐ Yes ☐ No If yes, describe. _____ _____ v. What is the total area to be dredged or excavated? _____ acres vi. What is the maximum area to be worked at any one time? _____ acres vii. What would be the maximum depth of excavation or dredging? _____ feet viii. Will the excavation require blasting? ☐ Yes ☐ No ix. Summarize site reclamation goals and plan: _____ _____ _____	

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐ Yes ☒ No If Yes:	
i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____ _____	

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will the proposed action cause or result in disturbance to bottom sediments? ☐ Yes ☐ No
If Yes, describe: _____

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? ☐ Yes ☐ No
If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____
- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

c. Will the proposed action use, or create a new demand for water? ☐ Yes ☒ No
If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☐ Yes ☐ No
If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? ☐ Yes ☐ No
- Is the project site in the existing district? ☐ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☐ No
- Do existing lines serve the project site? ☐ Yes ☐ No

iii. Will line extension within an existing district be necessary to supply the project? ☐ Yes ☐ No
If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐ Yes ☐ No
If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☐ Yes ☒ No
If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

iii. Will the proposed action use any existing public wastewater treatment facilities? ☐ Yes ☐ No
If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? ☐ Yes ☐ No
- Is the project site in the existing district? ☐ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☐ No

• Do existing sewer lines serve the project site? • Will a line extension within an existing district be necessary to serve the project? If Yes: • Describe extensions or capacity expansions proposed to serve this project: _____	☐ Yes ☐ No ☐ Yes ☐ No
iv. Will a new wastewater (sewage) treatment district be formed to serve the project site?	
If Yes: • Applicant/sponsor for new district: _____ • Date application submitted or anticipated: _____ • What is the receiving water for the wastewater discharge? _____	☐ Yes ☐ No
v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans): _____ _____	
vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____ _____ _____	
e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction?	
☐ Yes ☒ No	
If Yes:	
i. How much impervious surface will the project create in relation to total size of project parcel? _____ Square feet or _____ acres (impervious surface) _____ Square feet or _____ acres (parcel size)	
ii. Describe types of new point sources. _____ _____	
iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)? _____ _____	
• If to surface waters, identify receiving water bodies or wetlands: _____ _____	
• Will stormwater runoff flow to adjacent properties? ☐ Yes ☐ No	
iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☐ Yes ☐ No	
f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations?	
☒ Yes ☐ No	
If Yes, identify:	
i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles) Heavy equipment, delivery vehicles _____	
ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers) _____ _____	
iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation) _____ _____	
g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit?	
☐ Yes ☒ No	
If Yes:	
i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐ Yes ☐ No	
ii. In addition to emissions as calculated in the application, the project will generate:	
• _____ Tons/year (short tons) of Carbon Dioxide (CO₂) • _____ Tons/year (short tons) of Nitrous Oxide (N₂O) • _____ Tons/year (short tons) of Perfluorocarbons (PFCs) • _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆) • _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs) • _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)	

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☒ Yes ☐ No If yes: i. Provide details including sources, time of day and duration: _____	
ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐ Yes ☒ No Describe: _____ _____	
n. Will the proposed action have outdoor lighting? ☐ Yes ☒ No If yes: i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures: _____	
ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☐ Yes ☐ No Describe: _____ _____	
o. Does the proposed action have the potential to produce odors for more than one hour per day? ☐ Yes ☒ No If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____ _____ _____	
p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☒ No If Yes: i. Product(s) to be stored _____ ii. Volume(s) _____ per unit time _____ (e.g., month, year) iii. Generally, describe the proposed storage facilities: _____ _____	
q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☐ Yes ☒ No If Yes: i. Describe proposed treatment(s): _____ _____ _____	
ii. Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☐ No	
r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☐ Yes ☒ No If Yes: i. Describe any solid waste(s) to be generated during construction or operation of the facility: • Construction: _____ tons per _____ (unit of time) • Operation : _____ tons per _____ (unit of time) ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste: • Construction: _____ _____ • Operation: _____ _____ iii. Proposed disposal methods/facilities for solid waste generated on-site: • Construction: _____ _____ • Operation: _____ _____	

s. Does the proposed action include construction or modification of a solid waste management facility? ☒ Yes ☐ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): Grade adjustment, construction & demolition debris handling & recovery facility

ii. Anticipated rate of disposal/processing:

- 34476 Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☒ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: _____

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☐ Urban ☒ Industrial ☒ Commercial ☒ Residential (suburban) ☐ Rural (non-farm)

☐ Forest ☒ Agriculture ☐ Aquatic ☐ Other (specify): _____

ii. If mix of uses, generally describe:

Site is east of Westhampton transfer and mulch facility, west of Peat & Son Nursery, and north of railroad tracks.

b. Land uses and coverytypes on the project site.

Land use or Coverytype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0	0	0
• Forested	2	2	0
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0	0	0
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0	0	0
• Wetlands (freshwater or tidal)	0	0	0
• Non-vegetated (bare rock, earth or fill)	approx. 43	approx. 43	0
• Other Describe: _____			

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐ Yes ☒ No If Yes: i. Estimate methane generation in tons/year (metric): _____ ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____			
i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☒ Yes ☐ No If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): <u>diesel exhaust, dust limited to within the facility boundaries (no fugitive emissions)</u>			
j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☒ Yes ☐ No If Yes: i. When is the peak traffic expected (Check all that apply): ☐ Morning ☐ Evening ☐ Weekend ☒ Randomly between hours of <u>7:00am</u> to <u>5:00pm</u>. ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): ----- 35-40 semi trailers iii. Parking spaces: Existing <u>0</u> ----- Proposed <u>0</u> Net increase/decrease <u>0</u> ----- iv. Does the proposed action include any shared use parking? ☐ Yes ☒ No v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: ----- vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☐ Yes ☒ No vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☐ Yes ☒ No viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☐ Yes ☒ No			
k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☐ Yes ☒ No If Yes: i. Estimate annual electricity demand during operation of the proposed action: _____ ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): _____ iii. Will the proposed action require a new, or an upgrade, to an existing substation? ☐ Yes ☐ No			
l. Hours of operation. Answer all items which apply. <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> i. During Construction: • Monday - Friday: <u>7:00am-5:00pm</u> • Saturday: <u>7:00am-5:00pm</u> • Sunday: _____ • Holidays: _____ </td> <td style="width: 50%; vertical-align: top;"> ii. During Operations: • Monday - Friday: <u>7:00am-5:00pm</u> • Saturday: <u>7:00am-5:00pm</u> • Sunday: _____ • Holidays: _____ </td> </tr> </table>		i. During Construction: • Monday - Friday: <u>7:00am-5:00pm</u> • Saturday: <u>7:00am-5:00pm</u> • Sunday: _____ • Holidays: _____	ii. During Operations: • Monday - Friday: <u>7:00am-5:00pm</u> • Saturday: <u>7:00am-5:00pm</u> • Sunday: _____ • Holidays: _____
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c. Is the project site presently used by members of the community for public recreation? i. If Yes: explain: _____	☐ Yes ☒ No
d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? If Yes, i. Identify Facilities: _____	☐ Yes ☒ No
e. Does the project site contain an existing dam? If Yes: i. Dimensions of the dam and impoundment: • Dam height: _____ feet • Dam length: _____ feet • Surface area: _____ acres • Volume impounded: _____ gallons OR acre-feet ii. Dam=s existing hazard classification: _____ iii. Provide date and summarize results of last inspection: _____	☐ Yes ☒ No
f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? If Yes: i. Has the facility been formally closed? • If yes, cite sources/documentation: _____ ii. Describe the location of the project site relative to the boundaries of the solid waste management facility: _____ iii. Describe any development constraints due to the prior solid waste activities: _____	☐ Yes ☒ No ☐ Yes ☒ No
g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? If Yes: i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred: _____	☐ Yes ☒ No
h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? If Yes: i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐ Yes – Spills Incidents database Provide DEC ID number(s): _____ ☒ Yes – Environmental Site Remediation database Provide DEC ID number(s): 152224 ☐ Neither database ii. If site has been subject of RCRA corrective activities, describe control measures: _____ _____ iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? If yes, provide DEC ID number(s): 152224, 152262 iv. If yes to (i), (ii) or (iii) above, describe current status of site(s): _____	☒ Yes ☐ No ☒ Yes ☐ No ☒ Yes ☐ No

152262 - BOMARC Missile Base - PFAS/PFOA groundwater plume - under investigation, no remedial measures taken
152224 - Suffolk County Army Air Field Bombing & Gunnery Range - under investigation, no remedial measures taken

v. Is the project site subject to an institutional control limiting property uses? ☐ Yes ☒ No	
• If yes, DEC site ID number: _____ • Describe the type of institutional control (e.g., deed restriction or easement): _____ • Describe any use limitations: _____ • Describe any engineering controls: _____ • Will the project affect the institutional or engineering controls in place? ☐ Yes ☒ No • Explain: _____	
E.2. Natural Resources On or Near Project Site	
a. What is the average depth to bedrock on the project site? _____ est. 2000 feet	
b. Are there bedrock outcroppings on the project site? ☐ Yes ☒ No If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %	
c. Predominant soil type(s) present on project site:	
Riverhead sandy loam	31.7 %
Plymouth loamy coarse sand	27.5 %
Cut & fill land, gently sloping	27.4 %
d. What is the average depth to the water table on the project site? Average: _____ 4-40 feet	
e. Drainage status of project site soils: ☒ Well Drained: _____ % of site ☐ Moderately Well Drained: _____ % of site ☐ Poorly Drained _____ % of site	
f. Approximate proportion of proposed action site with slopes: ☒ 0-10%: _____ % of site ☐ 10-15%: _____ % of site ☐ 15% or greater: _____ % of site	
g. Are there any unique geologic features on the project site? ☐ Yes ☒ No If Yes, describe: _____	
h. Surface water features.	
i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☐ Yes ☒ No	
ii. Do any wetlands or other waterbodies adjoin the project site? ☐ Yes ☒ No	
If Yes to either <i>i</i> or <i>ii</i> , continue. If No, skip to E.2.i.	
iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☐ Yes ☒ No	
iv. For each identified regulated wetland and waterbody on the project site, provide the following information:	
• Streams: Name _____ Classification _____	
• Lakes or Ponds: Name _____ Classification _____	
• Wetlands: Name _____ Approximate Size _____	
• Wetland No. (if regulated by DEC) _____	
v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☐ Yes ☒ No	
If yes, name of impaired water body/bodies and basis for listing as impaired: _____	
i. Is the project site in a designated Floodway? ☐ Yes ☒ No	
j. Is the project site in the 100-year Floodplain? ☐ Yes ☒ No	
k. Is the project site in the 500-year Floodplain? ☐ Yes ☒ No	
l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☒ Yes ☐ No	
If Yes:	
i. Name of aquifer: Sole Source Aquifer Names: Nassau-Suffolk SSA _____	

m. Identify the predominant wildlife species that occupy or use the project site: _____ white-tailed deer _____ Eastern wild turkey _____	
n. Does the project site contain a designated significant natural community? ☐ Yes ☒ No If Yes: i. Describe the habitat/community (composition, function, and basis for designation): _____ Site was previously cleared and historically consisted of Pitch Pine-Oak Forest, Pitch Pine-Oak-Heath Woodland ii. Source(s) of description or evaluation: _____ iii. Extent of community/habitat: • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres	
o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☐ Yes ☒ No If Yes: i. Species and listing (endangered or threatened): _____ _____ _____	
p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☐ Yes ☒ No If Yes: i. Species and listing: _____ _____ _____	
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐ Yes ☒ No If yes, give a brief description of how the proposed action may affect that use: _____ _____	
E.3. Designated Public Resources On or Near Project Site	
a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐ Yes ☒ No If Yes, provide county plus district name/number: _____	
b. Are agricultural lands consisting of highly productive soils present? ☐ Yes ☒ No i. If Yes: acreage(s) on project site? _____ ii. Source(s) of soil rating(s): _____	
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐ Yes ☒ No If Yes: i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____ _____ _____	
d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☒ Yes ☐ No If Yes: i. CEA name: <u>SGPA, Central Suffolk Pine Barrens, Dwarf Pine Forest, Aquifer Overlay District</u> ii. Basis for designation: <u>Protect groundwater, Benefit to human health & protect drinking water, Preserve pure water quality</u> iii. Designating agency and date: <u>Agency: Long Island Regional Planning, Agency: Suffolk County, Agency: Southampton, Town o...</u>	

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? ☐ Yes ☒ No	
If Yes: i. Nature of historic/archaeological resource: ☐ Archaeological Site ☐ Historic Building or District ii. Name: _____ iii. Brief description of attributes on which listing is based: _____	
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? ☒ Yes ☐ No	
g. Have additional archaeological or historic site(s) or resources been identified on the project site? ☐ Yes ☐ No	
If Yes: i. Describe possible resource(s): _____ ii. Basis for identification: _____	
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☒ Yes ☐ No	
If Yes: i. Identify resource: <u>Cupsoogue Country Park, The Great Lawn, Beaverdam Park</u> ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): <u>County/town parks</u> iii. Distance between project and resource: <u>4.92</u> miles.	
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☐ Yes ☒ No	
If Yes: i. Identify the name of the river and its designation: _____ ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? ☐ Yes ☐ No	

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name FRANCESCO AMICIZIA Date 11/28/2022

Signature [Signature] Title Member

**4 OLD COUNTRY ROAD, LLC
76 NORTH SUMMIT BLVD.
WESTHAMPTON, NEW YORK**

NYSDEC PART 360 PERMIT APPLICATION, ENGINEERING REPORT AND FACILITY MANUAL



PREPARED FOR:

**4 Old Country Road, LLC
76 North Summit Boulevard
Westhampton, New York 11977**

SUBMITTED TO:

**New York State Department of Environmental Conservation, Region 1
Division of Materials Management
50 Circle Road
Stony Brook, New York 11790**

PREPARED BY:



**P.W. Grosser Consulting, Inc.
630 Johnson Ave., Suite 7
Bohemia, NY 11716
Phone: 631-589-6353**

PWGC Project Number: IGC2101

MARCH 2023



CERTIFICATION

I, Edmond Kirby, certify that I am currently a New York State registered professional engineer (PE), as defined in 6 New York Codes, Rules, and Regulations (NYCRR) Part 360, and that this Engineering Report and Facility Manual was prepared in accordance with all applicable statutes and regulations.

Edmond Kirby
PE Name

Edmond Kirby
PE Signature

105360
PE License #

3/9/2023
Date





**NYSDEC PART 360 PERMIT APPLICATION, ENGINEERING REPORT AND FACILITY MANUAL
WESTHAMPTON, NEW YORK**

TABLE OF CONTENTS	PAGE
1.0 INTRODUCTION.....	1
1.1 Purpose and Need for the Project.....	1
1.1.1 Impact on Local Solid Waste Management Plans	1
1.1.2 Consistency with NYS Solid Waste Management Plan.....	1
1.2 Site Description	2
1.3 Site History.....	2
1.3.1 Past and Present Land Use	2
1.3.2 Vegetation	2
1.3.3 Site Topography	2
1.3.4 Site Drainage and Hydrological Conditions	2
1.3.5 Man-made Features	3
1.4 Previous Authorizations from NYSDEC.....	3
1.5 Regional Hydrology and Geology	3
1.5.1 Regional Hydrology	3
1.5.2 Regional Geology.....	4
1.5.3 Surface Water.....	5
1.5.4 Groundwater Flow	5
1.6 Site Features	5
1.6.1 Buildings and Structures.....	5
1.6.2 Traffic Patterns	6
1.6.3 Utilities	6
1.7 Future Land Use	6
2.0 FACILITY OPERATIONS.....	7
2.1 On-Site Grade Adjustment Operations	8
2.1.1 Remaining On-Site Materials	8
2.1.2 Incoming Loads.....	8
2.1.3 Backfill Calculations and Phased Progression Plan	9
2.2 Construction and Demolition Debris Handling and Recovery Facility Operations	
11	
2.2.1 Concrete	11

2.2.2	Soil/Fill Materials	11
2.3	Process Flow	13
2.4	Equipment	13
2.5	Staging Areas and Designations	13
2.6	Traffic Flow	13
2.7	Operation Schedule	14
3.0	PROPOSED ENGINEERING CONTROLS	14
3.1	Site Control and Security	14
3.2	Dust Suppression	14
3.3	Odor Control	15
3.4	Noise Control	15
3.5	Stormwater Control	15
4.0	MONITORING REQUIREMENTS	15
4.1	Wind Direction and Speed	15
5.0	CLOSURE PLAN	16
5.1	Procedure to Close the Facility	16
5.2	Closure Cost Estimate for the Facility	16
5.3	Post Closure Monitoring	16
6.0	CONTINGENCY PLAN	17
6.1	Local Emergency Response	17
6.2	Emergency Coordinator Contact Information	17
6.3	Relevant Emergency Equipment Maintained at the Facility	18
6.4	Personnel Evacuation Plan	18
6.5	Unauthorized Waste and Spills	18
7.0	STAFF TRAINING PLAN	20
8.0	REPORTING AND RECORDKEEPING	21
9.0	REFERENCES	22

FIGURES

Figure 1	Regional Map
Figure 2	Vicinity Map
Figure 3	CDDHRF Site Plan- Phase A
Figure 4	CDDHRF Site Plan- Phase B
Figure 5	Phased Progression Plan Key Map
Figure 6	Phased Progression Plan Phase 1
Figure 7	Phased Progression Plan Phase 2
Figure 8	Phased Progression Plan Phase 3
Figure 9	Phased Progression Plan Phase 4
Figure 10	Phased Progression Plan Phase 5
Figure 11	Phased Progression Plan Phase 6



Figure 12	Process Flow Diagram- Grade Adjustment
Figure 13	Process Flow Diagram- Concrete/Brick
Figure 14	Process Flow Diagram- Soils

APPENDICES

Appendix A	Soil Management Plan
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ATTACHMENTS

Attachment A	Part 360 Permit Application
Attachment B	Record of Compliance
Attachment C	Record of Compliance Supplement
Attachment D	Owner's Statement
Attachment E	Full Environmental Assessment Form

1.0 INTRODUCTION

P.W. Grosser Consulting, Inc. (PWGC) has prepared this document in support of a Part 360 Solid Waste Management Facility (SWMF) application to the New York State Department of Environmental Conservation (NYSDEC) for a permit to accept, stage, and grade concrete, brick, clean soil, and natural stone materials, including marble, granite, and limestone and to serve as a Construction and Demolition Debris Handling and Recovery Facility (CDDHRF) to accept and process source separated concrete and soils to facilitate the reclamation and redevelopment at the former Westhampton Mining Aggregates facility, currently under the ownership of 4 Old Country Road, LLC, ("4OCR") located at 76 North Summit Blvd., Westhampton, Suffolk County, New York, referred to herein as "the Facility". This application is being submitted as required pursuant to a consent order entered with NYSDEC to facilitate the environmental restoration of the property.

The Facility includes seven (7) irregularly shaped parcels totaling approximately 47 acres. A review of historical aerial photos identifies mining operations prior to the issuance of the permit, with activity on-site dating back to at least 1962. Mining operations continued on the site pursuant to a NYSDEC Mined Land Reclamation Permit (MLRP) that was issued in 1984.

This document details the site reclamation and associated procedures involving the importation of inert C&D material for grade adjustment and processing of concrete and soil into beneficial reuse products. A site plan displaying the material staging and processing locations is included in this application. Regional and vicinity maps of the surrounding areas are included in **Figure 1- Regional Map** and **Figure 2- Vicinity Map**. A site plan of the proposed CDDHRF activities is included in **Figure 3-CDDHRF Site Plan- Phase A** and **Figure 4-CDDHRF Site Plan- Phase B**, while visual depictions displaying phases of grade adjustment are included in **Figure 5** through **Figure 12**.

1.1 Purpose and Need for the Project

1.1.1 Impact on Local Solid Waste Management Plans

The Facility's contribution to the local solid waste management plan will be limited in nature. The Facility will accept inert C&D materials and incorporate these materials into the site grade adjustment in order to backfill the pit and restore the site to commercial viability. In addition, the Facility will accept and process source separated concrete and soils for development into engineered soil blends and state/municipal specification recycled concrete aggregates (RCA) for off-site distribution. CDDHRF activities are proposed only during the restoration of the site prior to site redevelopment.

1.1.2 Consistency with NYS Solid Waste Management Plan

The function of this Facility is consistent with the NYS Solid Waste Management Policy identified in Section 27-0106 of the ECL.

1. The Facility will reuse existing stockpiled materials, when possible, in site grade adjustments thereby reducing the amount of solid waste that could be generated.

2. The Facility will import inert C&D materials and recycle materials into engineered soils and construction aggregates, or will reuse materials through the incorporation of these materials into a site grade adjustment.
3. The Facility will dispose of impacted solid materials that cannot be reused or recycled as part of the site grade adjustment in accordance with NYSDEC-approved disposal method.

1.2 Site Description

The Facility is located at 76 North Summit Blvd., north of Old Country Road and east of the Westhampton Transfer Station in Westhampton, New York. The southern portion of the property abuts the Long Island Railroad/New York Atlantic rails. The Facility consists of seven (7) irregular shaped parcels (SBL 331-04-01, 331-04-05, 332-03-26, 332-03-28.1, 332-03-28.2, 334-01-01 and 334-04-1.1), totaling approximately 47 acres with rail access along the southern boundary. According to Southampton Town Zoning, the property is zoned CR-200 - Residential. The property is located in the Pine Barrens Core Preservation area.

1.3 Site History

1.3.1 Past and Present Land Use

A review of historical aerial photos identifies mining operations prior to the issuance of the permit, with activity on-site dating back to at least 1962.

The land immediately surrounding the site varies, with land use including agriculture, railroad tracks to the south, commercial to the east and undeveloped land. The nearest residence is approximately 180 feet west of the Facility. The Westhampton Transfer Station and Mulch facility is located approximately 1,050 feet west of the site.

1.3.2 Vegetation

The Facility has been cleared and affected by historical sand and gravel mining at the property. A review of historical aerials indicate that sand and gravel mining operations have occurred at the property dating back to at least 1962. No significant vegetation clearing is planned.

1.3.3 Site Topography

Grade elevations at the site vary from approximately 59-feet AMSL at the northern portion of the cleared area, adjacent to the backfilled northeast corner, to 13-feet AMSL at the southern portion of the pit where a concrete washout stockpile is currently staged. The sidewalls of the former life of mine are approximately 30' tall.

1.3.4 Site Drainage and Hydrological Conditions

Using the USGS Long Island Depth to Groundwater tool, depth to groundwater at the site are expected to vary from approximately 39 feet below grade at the top of the sidewalls, to approximately 4 feet below grade at the southern portion of the pit. Based on a review of publicly available resources, including USGS Groundwater Contours, groundwater flow direction is estimated to be southeast. The nearest surface water body is the headwaters of Beaverdam Pond, which are located approximately 1,230 feet east-southeast of the property boundary.



Precipitation runoff is expecting to be towards the pit and recharge naturally through the existing surface soils. Throughout the redevelopment and regrading of the property, constituents incorporated into grade adjustment are anticipated to alter on-site drainage conditions. This may be addressed over time by slightly grading materials to allow runoff to sheet towards an intended recharge area.

1.3.5 Man-made Features

There is portable processing equipment located at the site and the intended working area is located within the footprint of a former LOM. There is one temporary building located on the property, the office trailer, which is located at the southwestern corner of the property near the Facility entrance.

1.4 Previous Authorizations from NYSDEC

Division of Mineral Resources

04/25/1984- Mining Permit issued to Westhampton Mining Aggregates Inc. - File No. 1023-30-0034

07/01/1984- Mining Permit issued to C. Lashley and Son, Inc.- File No. 1023-30-0053

08/31/1984- Mining Permit issued to Westhampton Mining Aggregates- File No. 1023-30-0034

08/31/1987- Mining Permit issued to Westhampton Mining Aggregates- File No. 1023-30-0099 (Permit # 10-87-1634)

01/06/1992- Westhampton Mining Aggregates- Issued MLR Permit No. 1-4736-00057/00001

08/31/1993- Permitted to continue to mine sand and gravel from a 36.7-acre site.

06/05/2006- Westhampton Mining Aggregates, Inc- Issued MLR Permit No. 1-4736-00057/00001

Division of Materials Management

12/04/1995- Westhampton Mining & Aggregates Registration validated by DMM (52W37R)

1.5 Regional Hydrology and Geology

1.5.1 Regional Hydrology

The recharge source of naturally occurring fresh groundwater in this region of Long Island is precipitation. The average long-term precipitation in the area is 43 inches per year. In general, approximately half of the total precipitation infiltrates to the water table to become groundwater and the remainder is either lost to evapotranspiration or runoff¹.

¹ Krulik, Richard K. *Hydrologic Appraisal of the Pine Barrens*, Suffolk County, New York. U.S. Geological Survey, 1986.

The amount of water that reaches the water table varies throughout the year. Long-term precipitation in Suffolk County averages 43 inches/year, as determined from 30 years of records collected by the National Weather Service. The precipitation regime of Long Island during 1951-65 was studied by Miller and Frederick (1969), who calculated the mean annual precipitation of the Pine Barrens area to be between 44 and 46 inches (average 45 inches). This compares closely with the 43 in per year for Suffolk County. An accepted estimate of annual evapotranspiration on Long Island is 23.2 inches and an average overland runoff value on Long Island is 0.5 inches².

Therefore, annual groundwater recharge is estimated to be:

Recharge = 45 inches - (23.2 + 0.5) inches = 21.3 inches per year.

This value of 21.3 in per year should be considered only as a rough approximation, however, because rates of recharge, precipitation, evapotranspiration, and other factors may vary considerably from place to place and with time.

1.5.2 Regional Geology

The Central Pine Barrens is underlain by unconsolidated deposits that rest unconformably on the Precambrian basement complex (bedrock). The formations strike northeast and dip to the southeast. Depth to basement increases southward from approximately 900 feet on the north shore to 1,500 feet below sea level on the barrier islands (Krulikas, 1986).

The bedrock is overlain by the Raritan Formation, which consists of the Lloyd Sand Member and an overlying clay member. The Lloyd Sand Member is approximately 300 feet thick, and the clay member is approximately 200 feet thick (Krulikas, 1986). Average horizontal hydraulic conductivity of the Lloyd formation ranges from 40 to 67 feet per day (Chu, 2006). The average vertical hydraulic conductivity of the clay unit is 0.001 feet per day (Buxton and Smolensky, 1999). The formation is made up of a lower sand and gravel member (Lloyd Sand) and upper clay member (Raritan clay).

The Matawan Group and Magothy Formation (or informally "Magothy"), undifferentiated, overlies the Raritan Formation; its thickness ranges from 100 feet at the north shore to more than 900 feet in the southern part of Long Island. It consists of highly permeable sand and gravel deposits with interbeds and lenses of clay and silt that may have local hydrologic significance. The hydraulic conductivity of the Magothy in the study region ranges from 35 to 60 feet per day (Buxton and Smolensky, 1999). The Lloyd Sand, Raritan Clay, and Magothy are continuous beneath the study area (Krulikas, 1986).

The Monmouth Group disconformably overlies the Matawan Group and Magothy Formation undifferentiated and is in turn disconformably overlain by the Gardiners Clay. Its thickness ranges from 0 to 200 feet (Krulikas, 1986). It consists of interbedded clay, silt, and sand, giving the unit a low overall permeability. The Monmouth contains much of the mineral glauconite, which gives

² Krulikas, Richard K. *Hydrologic Appraisal of the Pine Barrens*, Suffolk County, New York. U.S. Geological Survey, 1986.

the unit a dark greenish color, and is the basis for the hydrogeologic unit's name--Monmouth greensand.

The Pleistocene formations, or the upper glacial aquifer, of the area consist of several glacial, periglacial, and interglacial units, including a marine clay known as the Gardiners Clay. The surficial geologic units consist of Pleistocene outwash, moraines, and Holocene deposits; the Holocene material includes shore, beach, salt-marsh deposits, and, at certain locations, artificial fill (Krulik, 1986). The upper surface of the unit ranges in altitude from 40 to 120 feet above sea level and consists of mainly brown and gray sands and gravel deposits of moderately high horizontal hydraulic conductivity. The thickness of the unit increases southward toward the barrier island, reaching thicknesses of over 100 feet. Average horizontal hydraulic conductivity is about 270 feet per day (Busciolano, 2002), although measurements of the upper glacial aquifer at Brookhaven National Laboratory, located approximately ten and one-half (10.5) miles to the west-northwest, have measured hydraulic conductivity about 180 feet per day (USGS 1999). Data from aquifer tests and infiltration tests conducted at Brookhaven National Laboratory indicate that the anisotropy (ratio of vertical to horizontal hydraulic conductivity) of the upper glacial aquifer is between 1:4 and 1:18 (USGS 1999).

The Gardiners Clay unit consists of green and gray clay, silt and silty sands, and some interbedded clayey and silty gravel. This unit has a low vertical hydraulic conductivity (0.001 feet per day) and tends to confine water in underlying aquifer (USGS 1999). The depth of the Gardiners Clay at Brookhaven National Laboratory has been observed between 90 to 115 feet below sea level.

1.5.3 Surface Water

Based on a review of the Eastport, New York Quadrangle USGS topographic map, the closest surface water feature to the Facility is a small headwater creek located approximately 1,230 feet to the east-southeast, which discharges to Beaverdam Pond. This waterbody can be observed in both **Figure 1- Regional Map** and **Figure 2- Vicinity Map**.

1.5.4 Groundwater Flow

The movement of groundwater on Long Island is radially outward from the areas of high-water table altitude, located centrally along the Ronkonkoma moraine. The major groundwater divide trends north-south through these areas. From the divide, groundwater moves towards surrounding saltwater bodies along flow lines whose directions are normal to the water-table contours. The direction and rate of flow are controlled by the hydraulic gradient and the volume and permeability of the material through which the water moves.

Groundwater flow at the Facility is estimated towards the southeast direction based upon groundwater contour maps developed by the USGS in 2010.

1.6 Site Features

1.6.1 Buildings and Structures

There is one (1) temporary building located on the property, the office trailer. This trailer is proposed to be the Facility's main office and scale house. The temporary trailer is located in the



southwest corner of the site, approximately 250 ft north of the of the facility entrance. Because the Facility does not have a scale, volume estimates will be requested from clients and confirmed by the scale house attendant at the front window. Inbound/outbound logs, authorization documents, annual reports, and required tracking documents will be stored at this office and maintained. Inbound traffic is directed past the trailer before tipping of materials is permitted. A corrugated steel garage bay that is used to store and repair equipment is also located on the site. No processing of materials will occur within an on-site enclosure.

1.6.2 Traffic Patterns

This permit will enable an efficient and reduced-impact environmental restoration of the site consistent with the consent order by coordinating the export and import of materials utilizing the same truck as often as possible. Inbound traffic will continue to enter through the Facility's main entrance on the east side of North Summit Boulevard. The truck driver will come to the office and disclose the contents of the vehicle. A scale house attendant will inspect the material from an elevated surface and direct the driver to the appropriate tipping area, if the material is found to be acceptable. The designated tipping area will be subject to change throughout the restoration of the property, with site grade adjustment likely to progress in an east to west sequence. Trucks containing 20 CY to 30 CY loads will be directed to tip the contents into the active backfilling area. Vehicles will exit the Facility via the main entrance. The average number of private materials transport vehicles to enter/exit the Facility is estimated at 35 vehicles per day. The maximum number of private transport vehicles to enter/exit the Facility is 50 vehicles per day.

1.6.3 Utilities

Domestic water to the Facility is provided by on-site private well water. Septic service is provided by an on-site sewage disposal system consisting of a septic tank and leaching pools.

1.7 Future Land Use

Once the environmental restoration of the site is complete pursuant to a new consent order and NYSDEC Part 360 permit, 4OCR plans to redevelop the site consistent with applicable zoning.

2.0 FACILITY OPERATIONS

The Facility seeks to perform a major grade adjustment within its former life of mine consistent with this permit and the consent order.

The Facility will accept inert C&D material, including brick, concrete, soil, and natural stone materials, which may include marble, granite, and limestone. Soil that is imported shall meet General Fill criteria. Inbound and outbound traffic will be via the Facility's main entrance on the east side of North Summit Boulevard. An on-site security camera system has been installed at the Facility entrance to record materials hauled to/from the Site. Additional cameras have been installed to view areas of interest, including the C&D processing area and staging area. The camera system will be operational 24 hours per day, seven (7) days per week and video recordings of the feed will be available to the NYSDEC during site visits and will be accessible via an internet portal. Video recorded from the on-site security system will be stored on a local server that maintains at least one week's worth of recorded video. Installed camera system will remain stationary and will be deployed at a location that ensures that the whole site can be viewed by the camera system. Incoming materials will be documented in a daily log and inspected by a trained 40CR employee to verify contents and to ensure that unauthorized materials are not accepted at the Facility. Trucks will then be directed to the appropriate tipping area and will be reinspected for hidden contents by an equipment operator. Additionally, loads accepted at the Facility will be individually and discretely staged in the phased working area, with a numbered identification flag placed on each pile which corresponds with loads listed in Facility Log and associated manifests. Loads deposited in the tipping area will be discretely staged to ensure each load can be evaluated individually. These loads will remain in place until a NYSDEC representative approves loads are acceptable for incorporation in grade adjustment. Loads containing unauthorized materials will be rejected upon discovery of contents. If di minimis amounts of readily removable materials are accepted, they will be separated by manual or mechanical means and inspected by an authorized NYSDEC representative before incorporation into grade adjustment.

During the restoration, the Facility will handle source separated concrete, bank run soils, and locally excavated fill materials. The location and size of the outdoor storage areas for processed and unprocessed solid materials, screenings, recycled product, process residues and unauthorized materials are displayed in **Figure 3-CDDHRF Site Plan- Phase A** and **Figure 4-CDDHRF Site Plan- Phase B**.

Recyclable materials, including metals/rebar, will be segregated and placed into an appropriate roll-off container for transfer to an authorized scrap metal recycler. Non-recyclable residues will be placed in roll-offs and hauled to a licensed facility. Materials may be processed using on-site equipment, including crushers, screeners, and grinders facilitated through the use of payloaders and excavators, which may employ the use of grapples and hammers.

If received loads are beyond salvageable and require off-site disposal, materials will be reloaded onto the vehicles from which they came. If unacceptable or unusable materials are identified after the vehicle has departed site, the materials will be added to the consolidation stockpile

identified within **Appendix A- Soil Management Plan** and disposed at an appropriate disposal location.

2.1 On-Site Grade Adjustment Operations

2.1.1 Remaining On-Site Materials

4OCR intends to use qualified residual on-site stockpiles for restoration of the site to grade. The largest on-site stockpile is largely composed of concrete washout and larger concrete chunks, commingled with a small amount of soil. The Facility plans to crush the concrete using a scalper/screener to develop an RCA blend acceptable for structural use in the grade adjustment, or for temporary roadways in the Facility.

Remaining on -site materials were qualified for potential reuse based upon laboratory results indicating that materials meet General Fill Soil Cleanup Objectives. 4OCR recognizes that some of the remaining materials may require additional processing prior to incorporation to grade.

Prior to screening or crushing, excavators will pick visible large debris items using either a front loader or an excavator. Materials displaying inert contaminants will be placed into a hopper, which will then travel over a conveyor belt, before being fed into a scalper/screener. Laborers will be employed along the conveyor belt, who will hand pick visible debris prior to processing. The scalper/screener will employ a 3/8" screen to ensure remaining material will be free from debris. Wastes removed during the material processing will be placed into separate waste containers, which may include C&D, metals, or wood. These wastes will be disposed at an authorized facility. Recyclables, such as scrap metal, will be held up to 180 days onsite before being shipped to an appropriate metal recycling facility.

If materials within remaining stockpiles are noted to contain cinder, slag, coal, ash, or any other evidence of incineration byproducts or historic fill indicators, affected wastes will not be considered for additional processing. Fill materials containing historic fill indicators will be removed and placed in the consolidated waste stockpile.

2.1.2 Incoming Loads

Pursuant to a consent order entered with NYSDEC to facilitate the environmental restoration of the property, this facility proposes to accept inert C&D materials including soil, concrete, brick, and natural stone materials to incorporate into the site grade adjustment. Each load received at the Facility will be thoroughly inspected by the scale house attendant upon arrival at the property. The Facility operator reserves the right to request analytical sampling results and tracking documents from any generator of material. If inbound materials contain majority soils and have not yet been tested for General Fill criteria, then they will be staged in the designated untested fill tipping area for qualification by a QEP. Once qualified as General Fill, materials staged within the bunker will be staged in discrete stockpiles for incorporation into grade adjustment or hauled to the CDDHRF operation and incorporated into unprocessed soil windrows. Each load received at the Facility will be accompanied by a manifest document, which will correspond with an entry in the Facility's master log. Accepted materials will be subjected to the staging and sampling procedures outlined in Section 2.1.3 below. A process flow diagram depicting grade adjustment operational procedures is included in **Figure 12-Process Flow Diagram- Grade Adjustment**.

2.1.3 Backfill Calculations and Phased Progression Plan

Due to the amount of material required to reclaim the mine pit, backfilling of the mine is proposed to be broken into six phases. The completion of each phase will allow the Facility operators to lease and/or develop the reclaimed portions into the intended uses, which may include commercial scale renewable energy installations, such as solar farms or battery storage facility, a rail transfer facility, or commercial condominium spaces. A key map for phases proposed is included in **Figure 5- Phased Progression Plan Key Map**. The duration of the backfilling operation is expected to be completed in approximately three (3) to five (5) years, depending on market conditions, ability to acquire materials, and future development plans for the site. The anticipated schedule of progression is as follows:

Phase 0

Phase 0 is the grade adjustment proposed within the SMP to allow for the construction of the contained staging area, or “CSA”. The CSA is a 200-foot by 200- foot area and will be constructed of mafia blocks to allow for the containment of 26,092 cubic yards (CY) of contaminated materials to be removed from the Facility. In order to develop an expanded area large enough to construct the CSA, the SMP proposed that materials contained within the JFK-1, JFK-2, and concrete wash stockpiles, which did not contain any impacted materials, would be incorporated into the southern slope. The cumulative volume of these stockpiles is 66,207 CY, which will be incorporated into grade prior to the issuance of this permit. Refer to **Appendix A- Soil Management Plan**.

Phase 1

Phase 1 is proposed to begin backfilling operations from Phase 0 and extend grade into the southeast corner of the pit. Portions of this section will require filling up to 28 feet of material to raise to grade, which is assumed to be an elevation of 41’. Phase 1 is estimated to require approximately 85,369 CY of material to backfill to grade. Assuming an import rate of about 35 trucks per day, or 805 CY of material per day, it is anticipated that backfilling of Phase 1 will be completed approximately 4-5 months after site operations commence. The area to be backfilled in Phase 1 is proposed to be developed into a warehouse space, a portion of battery storage, and will house the rail spur to be added to property. Refer to **Figure 6- Phased Progression Plan Phase 1**.

Phase 2

Phase 2 is proposed to continue backfilling in the Northeast section of the pit in the vicinity of the Stockpile 3 and reserved topsoil stockpiles. Portions of this section will require filling up to 32 feet of material to raise to grade, which is assumed to be an elevation of 47’. Phase 2 is estimated to require approximately 190,204 CY of material to backfill to grade. Assuming an import rate of about 35 trucks per day, or 805 CY of material, it is anticipated that backfilling of Phase 2 will be completed approximately 9-10 months after the completion of Phase 1. The area to be backfilled in Phase 2 is proposed to operate as a transloading & storage facility. Refer to **Figure 7- Phased Progression Plan Phase 2**.

Phase 3

Phase 3 is proposed to continue backfilling immediately to the west of previously backfilled Phase 2. Portions of this section will require filling up to 31 feet of material to raise to grade, which is assumed to be an elevation of 47'. Phase 3 is estimated to require approximately 136,922 CY of material to backfill to grade. Assuming an import rate of about 35 trucks per day, or 805 CY of material, it is anticipated that backfilling of Phase 3 will be completed approximately 8-9 months after site operations the completion of Phase 2. The area to be backfilled in Phase 3 is proposed to be developed into contractor storage, and a portion of the proposed warehouse. Refer to **Figure 8- Phased Progression Plan Phase 3.**

Phase 4

Phase 4 is proposed to continue backfilling in the south-central section of the pit in the vicinity of the existing Stockpiles 5 & 6 and concrete wash stockpile. Portions of this section will require filling approximately 25-30 feet of material to raise to grade, which is assumed to be an elevation of 41'. Phase 4 is estimated to require approximately 122,783 CY of material to backfill to grade. Assuming an import rate of about 35 trucks per day, or 805 CY of material, it is anticipated that backfilling of Phase 4 will be completed approximately 6-7 months after completion of Phase 3. The area to be backfilled in Phase 4 is proposed to be developed into warehouse space, and will house a portion of the battery storage facility. Refer to **Figure 9- Phased Progression Plan Phase 4.**

Phase 5

Phase 5 is proposed to continue backfilling in the Northwest section of the pit in the vicinity of the existing Stockpile 1 and Dredge Material stockpile. Portions of this section will require filling up to 28 feet of material to raise to grade, which is assumed to be an elevation of 43'. Phase 5 is estimated to require approximately 118,144 CY of material to backfill to grade. Assuming an import rate of about 35 trucks per day, or 805 CY of material, it is anticipated that backfilling of Phase 5 will be completed approximately 6 months after the completion of Phase 4. The area to be backfilled in Phase 5 is proposed to be developed into contractor storage space, a portion of warehouse, and will house the proposed stormwater retention pond. Refer to **Figure 10- Phased Progression Plan Phase 5.**

Phase 6

Phase 6 is proposed to continue backfilling in the Southwest section of the pit in the vicinity of the existing JFK and concrete wash stockpiles. Portions of this section will require filling up to 28 feet of material to raise to grade, which is assumed to be an elevation of 40'. Phase 6 is estimated to require approximately 145,618 CY of material to backfill to grade. Assuming an import rate of about 35 trucks per day, or 805 CY of material, it is anticipated that backfilling of Phase 5 will be completed approximately 7-8 months after the completion of Phase 5. The area to be backfilled in Phase 6 is proposed to be developed into a warehouse space, a portion of the battery storage facility, and will house main access road to the property. Refer to **Figure 11- Phased Progression Plan Phase 6.**

2.2 Construction and Demolition Debris Handling and Recovery Facility Operations

4OCR proposes to operate a temporary Construction and Demolition Debris Handling and Recovery Facility (CDDHRF) during the reclamation of the pit. The Facility intends to develop high quality RCA and soil products manufactured to specifications for use in construction and landscaping applications and for use in the on-site grade adjustment.

Initially, CDDHRF operations are proposed to occur within the confines of the approximate areas of Phases 4 & 6, as displayed in **Figure 3- CDDHRF Site Plan- Phase A**. The staging and processing of materials is proposed to occur at the proposed locations through the completion of Phase 3 of the phased progression plan. Upon completion of Phase 3, it is anticipated that the removal of contaminated materials from the CSA will be completed. CDDHRF operations will occur within this proposed area until working area has been reduced to a size that operating in the pit is no longer feasible.

In order to continue CDDHRF operations below grade in an effort to minimize off-site dust and noise, the staging and processing areas will be limited to the area displayed within Phase 6, as displayed in **Figure 4- CDDHRF Site Plan- Phase B**.

2.2.1 Concrete

Trucks containing exhumed or demolished concrete, which may contain residual soils, are directed to appropriate tipping area for concrete. Visible debris in unprocessed material are picked and removed by hand or payloaders prior to crushing. Unprocessed concrete is processed into a beneficial use material within 365 days of receipt.

Separated concrete and brick are staged in the appropriate tipping area until processed using the Sandvik QK341 jaw crusher to produce Recycled Concrete Aggregate (RCA). Best Management Practices (BMPs) are employed to ensure recycled products are free of contamination and built to state or municipal specification. The Facility develops RCA of varying sizes for varying applications, including oversized RCA, and 1" RCA. Incoming concrete or brick is not anticipated to be stored onsite for longer than 365 days unprocessed.

Total proposed on-site storage volumes for unprocessed and processed concrete material will be approximately 18,518 CY.

2.2.2 Soil/Fill Materials

Pursuant to a consent order entered with NYSDEC to facilitate the environmental restoration of the property, the facility may accept and process construction fill materials, brick, concrete, topsoil, or other soil products manufactured to specifications for use in construction and landscaping applications. Materials will be accepted in accordance with Part 360 regulations.

The operators intend for fill materials received at the Facility to be qualified as General Fill prior to acceptance at the Facility. Local contractors hauling unrestricted fill from small local excavations, which do not display evidence of visual or olfactory contamination, will be tip loads within the proposed 1,000 CY consolidation bins located outside of the confines of the pit at Phase

0. Once a consolidation bin has reached its capacity of 1,000 CY, the bin will be sectioned off with a rope or other suitable means of discouraging tipping or removal of contents. New inbound materials are then tipped in a secondary storage bunker. Once qualified as General Fill, soils contained within the designated consolidation bin will be discretely staged in individual loads along the working edge of the grade adjustment operation or will be incorporated into unprocessed soil stockpiles within the CDDHRF operation.

Qualified soils received on behalf of the C&D processing operation will be discretely stockpiled within the proposed processing area and will not be proximate to the active grade adjustment operation. Unprocessed soils will be stockpiled in windrow formations to facilitate inspection by NYSDEC monitors. Once approved by a NYSDEC monitor, approved materials may be processed by operator. Soils will then be processed and consolidated within a discrete processed soils stockpile.

In accordance with Part 360.13(e) and Part 361-5.2(e), beneficial use fill materials exiting a CDHRRF must meet General Fill criteria for legal placement of materials, therefore fill materials will be inspected by a Qualified Environmental Professional (QEP) to ensure that General Fill criteria is met before processing and distribution of screened fill or topsoil. Sampling of materials intended for off-site reuse will be sampled on a quarterly basis.

Total proposed on-site storage volumes for unprocessed and processed soils will be approximately 14,259 CY.

2.2.2.1 Inspection Upon Delivery

Loads inbound materials will be inspected at the scale house by the scale house attendant.

2.2.2.2 Testing Requirements

The QEP visually screens for any non-soil constituents, including concrete, brick, asphalt, plastics, paper, rubbish, or any other debris, and inspects for any odors or staining. Assuming the fill materials passes visual inspection by QEP, a five-point composite sample and VOC grab sample is collected from the pile and analyzed for analytes listed in the Part 375-6.8 Soil Clean-up Objectives table. If any potential contamination is observed during sampling, the material of concern is represented in the composite sample and the VOC grab will be taken from that location.

After receiving the results of the analysis, the QEP confirms that sampled materials meet the General Fill criteria, which must fall below the stricter of Residential and Protection of Groundwater standards. Once the QEP documents that the material is free of non-soil debris and passes chemical analysis, they determine the material meets General Fill criteria.

Should the material fail chemical analysis, it is hauled to an appropriate disposal facility. If material fails Residential standards, but pass Protection of Groundwater standards, it may be disposed at a Long Island C&D landfill. If material fails any Protection of Groundwater standards, it shall be disposed of at an authorized facility off-island. Processed and segregated waste materials in roll-off or stockpiled will be staged and handled in accordance with NYSDEC regulations and disposed

of as required by Part 360 regulations. Recyclables, such as scrap metal, will be held up to 180 days onsite before being shipped to an appropriate metal recycling facility.

Prior to collecting samples, the Facility operator will notify NYSDEC of intent to sample and the opportunity to witness sample event or to collect split samples. Samples will be collected by a field hydrogeologist on behalf of the QEP and an appropriate chain of custody will be completed. The QEP will review lab results and will perform a visual characterization to confirm materials are free from any historic fill indicators or unapproved C&D debris. Once samples have been collected, analyzed, and approved by chemical and physical analysis, the QEP will certify the materials may qualify as general fill analytical criteria and may be staged for approval by NYSDEC into grade adjustment. Lab reports, chain of custodies, and supporting documentation developed by the QEP will be submitted to NYSDEC for review.

2.3 Process Flow

A process flow diagram for the grade adjustment operation is included as **Figure 12- Process Flow Diagram- Grade Adjustment**. Additional process flow diagrams for CDDHRF operations are included as **Figure 13- Process Flow Diagram- Concrete/Brick** and **Figure 14- Process Flow Diagram- Soil**.

2.4 Equipment

The Facility has a variety of equipment used on site to assist in site excavations, crushing operations, on-site transport of materials, and regrading of the site. A list of this equipment includes:

- a. Sandvik QK341 (or equivalent) Jaw Crusher
- b. Stacking Conveyor
- c. CAT 349 hydraulic excavator
- d. Komatsu PC-290 hydraulic excavator
- e. Komatsu WA-470 payloader
- f. Komatsu HM-400 haul trucks
- g. CAT 289 skid steers
- h. CAT D5 Bulldozer
- i. Hamm 3412 soil compactor
- j. Water Truck (for dust mitigation)

2.5 Staging Areas and Designations

Designated tipping and stockpile staging area will be dependent of progression of the site backfilling operation, as described in Section 4.2- Phased Progression Plan. Incoming materials, handled in accordance with Section 3.1.2, will be deposited in proximity to the edge of the slope of the active phase.

2.6 Traffic Flow

Inbound traffic will enter facility through the main access point on North Summit Boulevard nearest to the office. The truck driver will come to office and disclose contents of vehicle. Scale

house attendant will inspect the material and direct driver to the appropriate access road, which will vary based upon the active backfill area. The traffic pattern for each Phase of the grade adjustment is displayed on each Phase of the Phased Progression Plan Figures. Note that multiple traffic lines are displayed within each Phase to indicate the evolution of traffic patterns during the active filling of the Phase. Vehicles will exit the facility via main access point on North Summit Boulevard. The average number of private materials transport vehicles to enter/exit the facility is estimated at 35 vehicles per day. The maximum number of private transport vehicles to enter/exit the Facility is 50 vehicles per day.

2.7 Operation Schedule

The hours of operation are Monday through Saturday, 7:00am to 5:00pm. 4OCR employees arrive at 6:00am to prepare for the day's activities and stay after the gates close at 4:30pm to complete material inspections, flagging, or incorporation of approved materials into the grade, usually until 5:00pm, but no later than 5:30pm.

3.0 PROPOSED ENGINEERING CONTROLS

3.1 Site Control and Security

The Facility is in close proximity to undeveloped, agricultural, and industrial land uses. Most of the processing area is contained within the 30-foot-deep sidewalls of the former mine pit. The eastern border of the property located alongside the Peat & Son Nursery, for which access can only be accessed by driving through facility entrance at Old Country Road and passing through yard and over train tracks. The southern portion of the property is immediately adjacent to the LIRR rails. The remainder of the property is surrounded by undeveloped land, with large trees and brush, which acts as a natural barrier to prevent unauthorized access. The main entrance is secured by a locked gate, which is closed outside of business hours.

3.2 Dust Suppression

The Facility has several engineering controls in place to mitigate dusty conditions at the site. First, the mine pit sidewalls minimize the effects of windy conditions on operations by providing a degree of shelter from windy conditions and blocking dust from leaving the site on the north, east, west, and south sides of the property. In addition, the Facility also has trees and other vegetations around much of the border which functions similarly to prevent dust from travelling off-site. The Facility will regularly employ the use of a water truck when weather conditions dictate that additional dust suppression is required. The water truck wets the surface of soils on-site, which develops a small crust along the surface and significantly decreases the potential of dust to travel through the air. A sprinkler system or truck wash may also be used near the facility entrance/exit to ensure that dust/dirt caused by vehicle traffic coming in and out of the Facility does not track onto North Summit Boulevard. A truck wash station will also be constructed, if necessary, to reduce tracking of materials onto public roadways. If dust cannot be controlled due to failure of engineering controls or extreme weather conditions, operations will be suspended until nuisance conditions can be controlled.

3.3 Odor Control

The Facility will not accept any putrescible materials, and therefore does not anticipate any odors or fugitive emissions from the site.

3.4 Noise Control

The land immediately surrounding the site varies, with land use including agriculture to the east, railroad tracks to the south, commercial to the west and undeveloped land. The nearest residence is approximately 180 feet west of the Facility. The facility has historically been operated as a mine site and material processing facility that has utilized heavy equipment and trucks to import and export materials. In addition, a majority of the site is currently 30 feet plus below surrounding elevation. Pursuant to a consent order entered with NYSDEC to facilitate the environmental restoration of the property, the facility may accept and process construction fill materials, brick, concrete, topsoil, or other soil products which will be processed to specifications for use in construction and landscaping applications and for site grade adjustments. In order to meet the restoration requirements, heavy earth moving equipment, concrete crushing equipment and trucks will be utilized onsite.

Due to existing site features, including depth, Grade changes, natural vegetation buffers, elevated noise levels at the property boundary in excess of Town of Southampton commercial standards of 70 dBA's between 7:00 a.m to 7:00 p.m are not anticipated. In addition, the facility will ensure compliance with the noise control ordinance included in NYSDEC Part 360.19 (j) of 62 dBA/s at the property line between 7:00 a.m to 10:00 p.m. If potential for noise level exceedances are realized, property line monitoring can be implemented to confirm compliance and if needed adequate controls will be taken, including truck routing, equipment staging and processing area staging to ensure compliance with the Town noise standards.

3.5 Stormwater Control

The site currently consists of a former mine pit and the sidewalls slope in towards the center of the site. Due to site contours, off-site stormwater migration currently is not an issue. The facility will be maintained to ensure that the stormwater continues to be contained onsite and does not run off site as the site is restored and a grade adjustment made. When future development plans are determined, the applicant will work with NYSDEC and the Town of Southampton to develop a site plan that continues to ensure that storm water is managed onsite and does not impact the surrounding properties. As such, it is not anticipated that a NYSDEC State Pollutant Discharge Elimination System (SPDES) Permit will be needed for this facility.

4.0 MONITORING REQUIREMENTS

4.1 Wind Direction and Speed

When grading, screening, or crushing materials, the Facility will be cognizant of wind speed, wind direction, temperature inversions, other weather-related factors, and operational conditions. If conditions are such that engineering controls and best management practices employed by the Facility cannot prevent dust or odor from containment on-site, the Facility will modify or suspend operations until conditions improve. This consideration of conditions will ensure that dust, debris,



and nuisance odors do not impact sensitive receptors, especially the residential community located to the south of the Facility.

5.0 CLOSURE PLAN

5.1 Procedure to Close the Facility

This plan has been prepared for the NYSDEC Division of Materials Management in accordance with Part 360.21 in order to enable the discontinuation of grade adjustment operations at the site to facilitate future development. 4OCR will provide written notification at least 30 days prior to the anticipated final receipt of materials and within seven days of completion of closure activities.

Within 30 days of receiving the final quantities of materials at the Facility, 4OCR will prepare an Annual Report for submission to the Department.

Within 60 days of receiving the final quantities of materials at the Facility, 4OCR will remove processed and unprocessed materials to a facility authorized to accept materials.

Within 90 days after receiving the final quantity of materials, closure activities, including removal of products resulting from the processing of materials and decontamination of equipment and structures, will be documented and proof submitted to the Department.

4OCR will submit a certification prepared by a NYS Licensed Professional Engineer that the facility has been closed in accordance with NYSDEC requirements within 30 days of completion of closure activities.

5.2 Closure Cost Estimate for the Facility

Pursuant to a consent order entered with NYSDEC to facilitate the environmental restoration of the property, the facility proposes to accept inert C&D materials including soil, concrete, brick, and other natural stone materials, to incorporate into the site grade adjustment, as well as to produce state/municipal, or construction specifications. Because materials received at the Facility may be incorporated into the grade adjustment, off-site disposal of these materials is not required. Therefore, it is the opinion of PWGC that financial assurance for the proposed Facility is not required.

5.3 Post Closure Monitoring

Pursuant to a consent order entered with NYSDEC to facilitate the environmental restoration of the property, C&D materials accepted and stored at the facility are inert and are not anticipated to contain hazardous materials. In addition, existing waste soils at the facility will be removed as part of the restoration process. As a result, following closure of the facility, future monitoring of the facility is not warranted.

6.0 CONTINGENCY PLAN

6.1 Local Emergency Response

In the event of an emergency, the 911 telephone system will be utilized to contact emergency services. The subject facility is within the jurisdiction of the following emergency agencies, who will be provided with a copy of the contingency plan:

- a. Westhampton Beach Police Department
165 Mill Road
Westhampton Beach, NY 11978
(631)288-3444
- b. Southampton Town Police Department
110 Old Riverhead Road
Hampton Bays, New York 11946
(631) 728-5000 or Dial 911
- c. Westhampton Beach Fire Department
92 Sunset Avenue
Westhampton, NY 11978
(631) 288-1255 or Dial 911
- d. Westhampton War Memorial Ambulance
3 Hazelwood Avenue
Westhampton Beach, New York, 11978
(631) 288-1760 or Dial 911
- e. NYSDEC
Department of Chemical and Pollution Control
50 Circle Road
Stony Brook, NY 11790
1-800-457-7362

6.2 Emergency Coordinator Contact Information

The on-site emergency coordinators/contact personnel for the subject facility are:

- a. Grant Hendricks
29 Garner Lane
Bay Shore, New York 11706
(516) 819-3628 (Cell)
- b. Frank Amicizia
15 Chestnut Stump Road
Northport, New York 11768
(631) 332-6652 (Cell)

- c. Joe Sampogna
(516) 314-5031 (Cell)
- d. Laura Lucente
(516) 314-5031 (Cell)

6.3 Relevant Emergency Equipment Maintained at the Facility

A variety of first aid, firefighting, and spill response equipment is maintained at the facility, including one (1) standard OSHA First Aid kit, one (1) eye wash station, four (4) fire extinguishers, absorbency granules, cell phones, telephones, two-way radios, and emergency telephone numbers.

6.4 Personnel Evacuation Plan

Should an emergency occur, access or evacuation from facility will be provided from North Summit Blvd. All personnel will be instructed to move as quickly as possible outside of the facility entrance on the site access road.

6.5 Unauthorized Waste and Spills

A sign of business hours and materials accepted is displayed at the entrance of the Facility. Inbound materials, including uncontaminated soils, concrete, brick, natural stones, or any mix thereof, are inspected at the scale house by the scale house attendant who lists container contents in the Facility's master log. In addition to these precautions, the proceeding response plan is used to respond to the delivery or release of a hazardous waste or material:

The Facility only accepts the solid wastes permitted by the NYSDEC. The Facility will segregate classify materials appropriately if unauthorized waste is inadvertently received.

- C&D wastes will be loaded in a roll-off container and transferred to an authorized transfer station or disposal facility.
- Readily separable metals from mixed loads or from concrete rebar reinforcements will be picked using excavator buckets and placed in roll-off for transfer to an authorized scrap metal recycler.
- Soils exhibiting visual or olfactory contamination will be discretely stockpiled within the CSA and covered with a tarpaulin or equivalent to prevent potential leaching of contaminant. Sampling in accordance with disposal facility standards will be performed to characterize waste, and materials will be disposed in a timely fashion.



Pending the results or constituents of the unauthorized waste, disposal facilities may include:

- a. Posillico Wash Plant
1610 New Highway
Farmingdale, NY 11735
(631) 390-5777
- b. 110 Sand Company
136 Spagnoli Road
Melville, NY 11747
(631) 694-2822
- c. DPR Scrap Metal
125 Hopper Street
Westbury, NY 11590
(516) 280-9353

In the event of a small spill, the shift foreman will contain the spill using Speedi-dri absorbent. The shift foreman will notify the emergency coordinator and the hazardous waste contractor for collection and disposal of contaminated materials.

In the event of a large volume spill, the hazardous waste contractor is immediately contacted to arrange for cleanup and disposal of contaminated media. Speedi-dri absorbent is used to contain the spill until hazardous waste contractor arrives. The hazardous waste contractor cleans affected areas where spilled chemicals may have accumulated. Only trained personnel provided by the hazardous waste contractor are involved in the cleanup of hazardous materials or spills.

Hazardous waste contractors that will assist in the event of a cleanup may include:

- a. AB Environmental
1599 Ocean Avenue
Bohemia, NY 11716
(631) 567-6545
- b. Eastern Environmental
258 Line Road
Manorville, NY 11949
(631) 727-2700



7.0 STAFF TRAINING PLAN

All employees are required to be familiar with and comply with the Contingency Plan outlined in Section 6.0. In addition, formal in-person training sessions will be required on an annual basis for all employees involved with receipt, processing and/or transfer of regulated wastes. This training will include a review of health and safety procedures, as required by OSHA, and promote employee awareness of the availability of Safety Data Sheets (SDS), which identify the characteristics, health effects, and first aid procedures for chemicals that may be encountered during materials processing operations. The Contingency Plan, OSHA Training, SSDS, and Operational training will be evaluated and reviewed on an annual basis.

8.0 REPORTING AND RECORDKEEPING

All records listed below shall be maintained for no less than seven (7) years at the facility. These will be made available to NYSDEC staff upon request.

Daily log of materials: The facility will maintain a daily log of incoming and outgoing materials, including materials processed for beneficial use. The log shall be maintained for a minimum of seven (7) years and include, at a minimum:

- Date received
- Quantity
- Materials Type
- Planning Unit where materials were generated.
- Destination of any materials removed from the site or sent for beneficial use.

Monitoring Information: In addition to the daily log, records relating to monitoring of incoming materials, facility self-inspections, notifications and supporting documents relating to soils tested and approved for beneficial reuse by QEP, and inspection logs will be updated and maintained regularly and stored at the trailer office for logging and NYSDEC review.

Unauthorized Materials Records: Each incident report will include the date and time of receipt, description of the incident, location of generation of the unauthorized materials, description of the response, and final disposition of the materials. The records will be maintained for a minimum of 7 years.

Copy of Permit Application Documents: A copy of the permit and associated documents, including Engineering Report and Facility Manual, will be maintained at the 4OCR facility.

Annual Report: Facility will submit annual reports for materials received at the site during each calendar year by March 1 of the following year. Facility will maintain copies of these reports at the Facility for a minimum of 7 years.

C&D Tracking Forms: Facility will complete C&D Tracking forms for residues and materials that do not meet beneficial reuse criteria, which will indicate at a minimum, the names of the Facility (4OCR) the name of the transporter, and the intended destination of the material. Once received at the destination of recycling/disposal, the transporter will sign the tracking document to confirm its delivery. The receiving site will then sign the tracking document and return it to 4OCR within two weeks of delivery. The Facility will keep these tracking documents at the Office Trailer for 7 years as required by Part 360.19(k)(2).

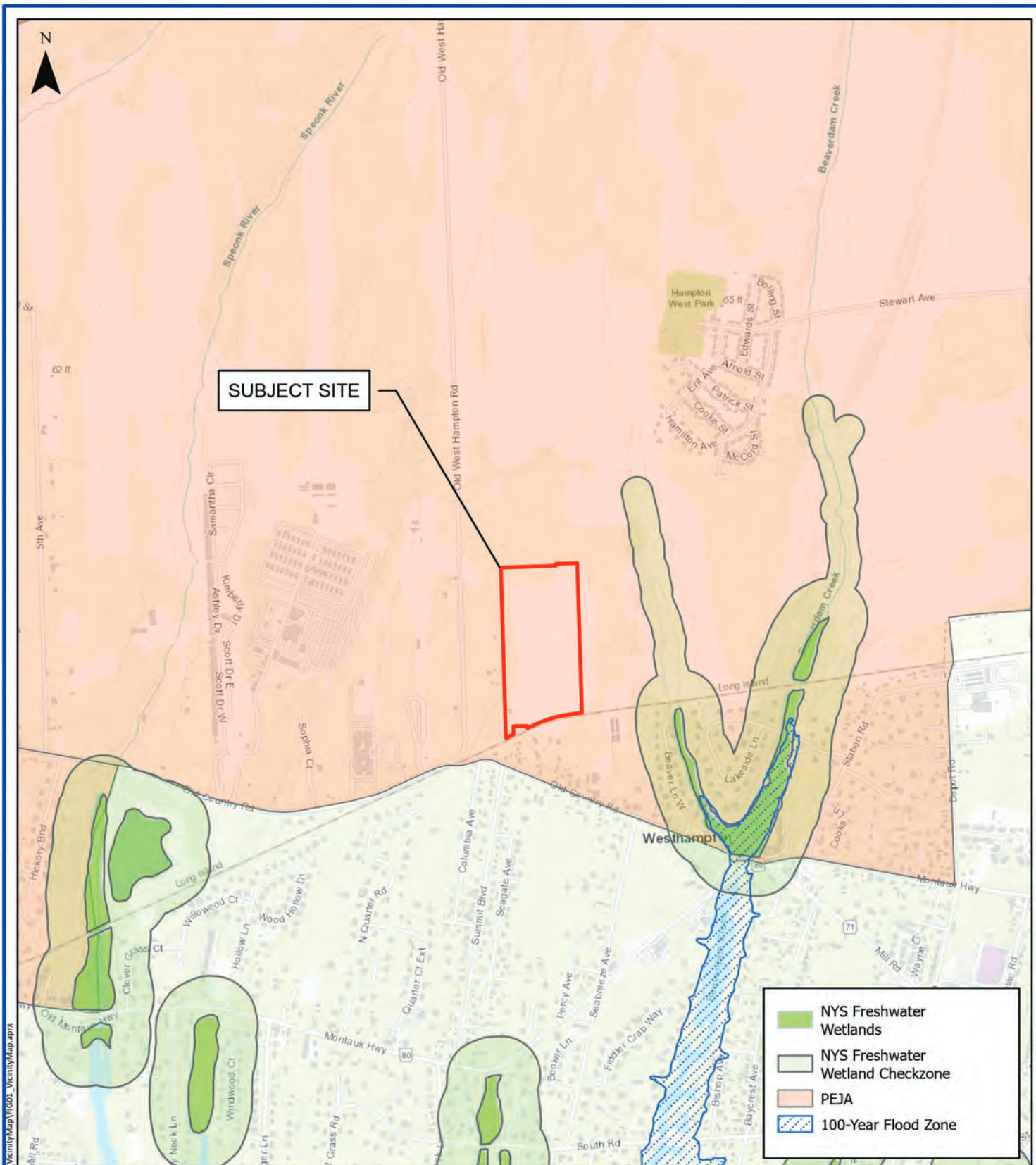


9.0 REFERENCES

- 6NYCRR Part 360-361– Subchapter B. Solid Waste (Solid Waste Management Facilities)
- ASTM Standard Practice for Description and Identification of Soils (Visual-Manual Procedure), D 2488-09
- Buxton, H.T., Smolensky, D.A., and Shernoff, P.K., 1989, Hydrogeologic Correlation for Selected Wells on Long Island, New York, United States Geologic Survey Water Resource Investigation Report 86-4318
- Chu, Anthony. *Hydrogeology of the Lloyd Aquifer on Long Island, New York—A Brief Summary of USGS Investigations*, Coram, New York, U.S. Geologic Survey, 2006
- Franke, O.L., and McClymonds, N.E., 1972, Summary of the Hydrologic Situation on Long Island, N.Y. as a Guide to Water-Management Alternatives: U.S. Geological Survey Professional Paper 627-F, 59 p.
- Krulik, Richard K. *Hydrologic Appraisal of the Pine Barrens*, Suffolk County, New York. U.S. Geological Survey, 1986.
- Miller, J.F., and Frederick, R.H., 1969, The Precipitation Regime of Long Island, New York: U.S. Geological Survey Professional Paper 627-A, 21 p.
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- Peterson, D.S. (1987). Groundwater Recharge Rates in Nassau and Suffolk Counties, New York. U.S. Geological Survey



FIGURE 1



SITE LOCATION

76 North Summit Boulevard
Westhampton Beach, New York

Project:	IGC2101
Date:	11/18/2022
Designed by:	MM
Drawn by:	AM
Approved by:	MM
Figure No:	1



PWGC
CLIENT DRIVEN SOLUTIONS

P.W. Grosser Consulting, Inc.

630 Johnson Ave., Suite 7
Bohemia, NY 11716
Ph: 631-589-6353 • Fax: 631-589-8705
pwgc.info@pwgros.com

0 1/4 1/2 3/4 1 Miles



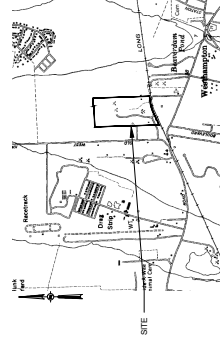
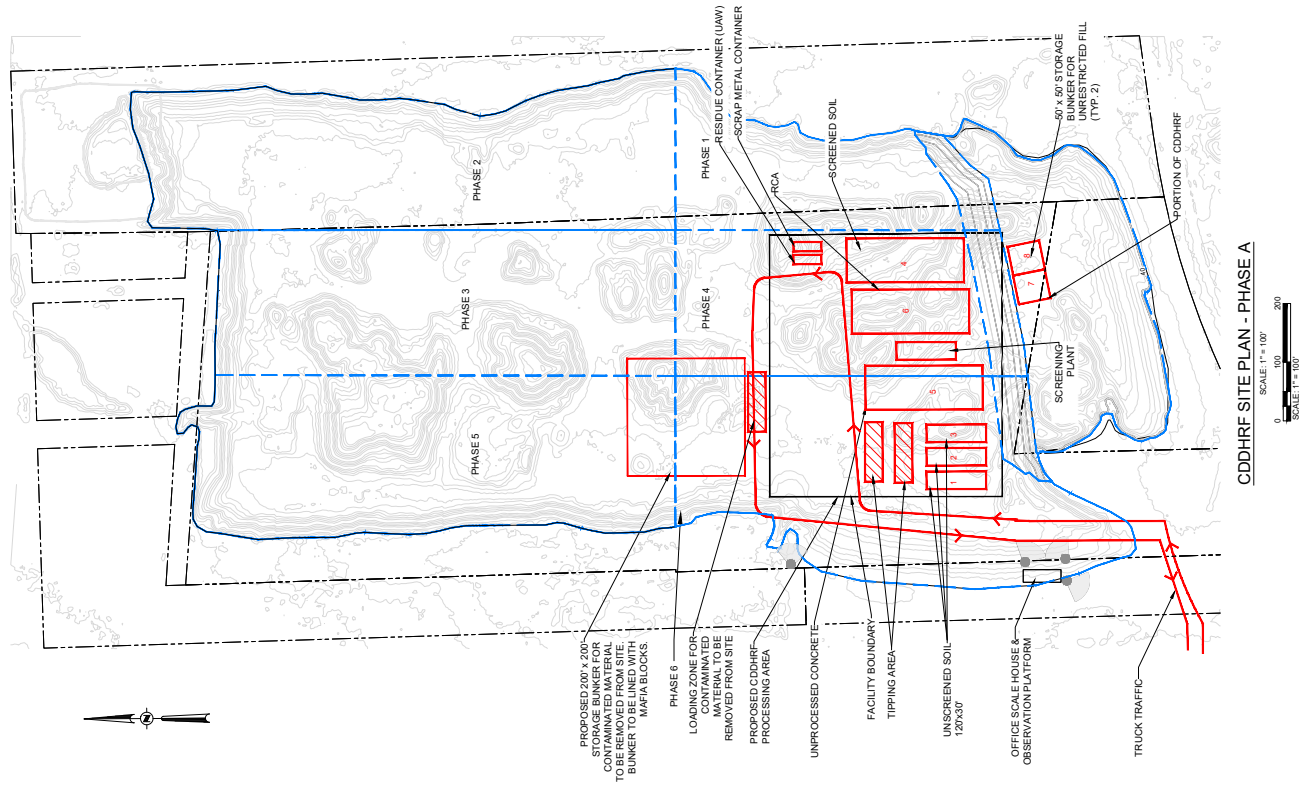
FIGURE 2



FIGURE 3



E-mail	
CONSULTANTS	

[illegible]

WEST HAMPTON BEACH, TOWN OF SOUTHAMPTON
SUFFOLK COUNTY, NEW YORK

CDDHRF SITE PLAN PHASE A

NOTES

MAP REFERENCES

1. PROPERTY BOUNDARY FROM NEW YORK STATE GIS CLEARING HOUSE - SUFFOLK COUNTY TAXMAP PARCELS
2. TOPOGRAPHY DERIVED FROM A DIGITAL ELEVATION MODEL FROM USGS BATHY EXPLORER, DATED NOVEMBER 2016.
3. STORMWATER LABELS AND GENERAL LOCATIONS FROM FIGURE 3 OF "SITE INVESTIGATION REPORT BY GIS CONSULTANTS, DATED MAY 2021."



FIGURE 4



FIGURE 5



CLIENT DRIVEN SOLUTIONS
P.W. GROSSER CONSULTING ENGINEER
& HYDROGEOLOGIST, P.C.

630 Johnson Avenue, Suite 7
Bohemia, NY 11716-2618
Phone: (631) 539-6353 • Fax: (631) 539-8705
E-mail: INFO@PWGROSSER.COM

CONSULTANTS

[illegible]

OLD COUNTRY ROAD LLC
16 NORTH SUMMIT BLVD.
WESTHAMPTON, NY 11977

PHASED PROGRESSION PLAN

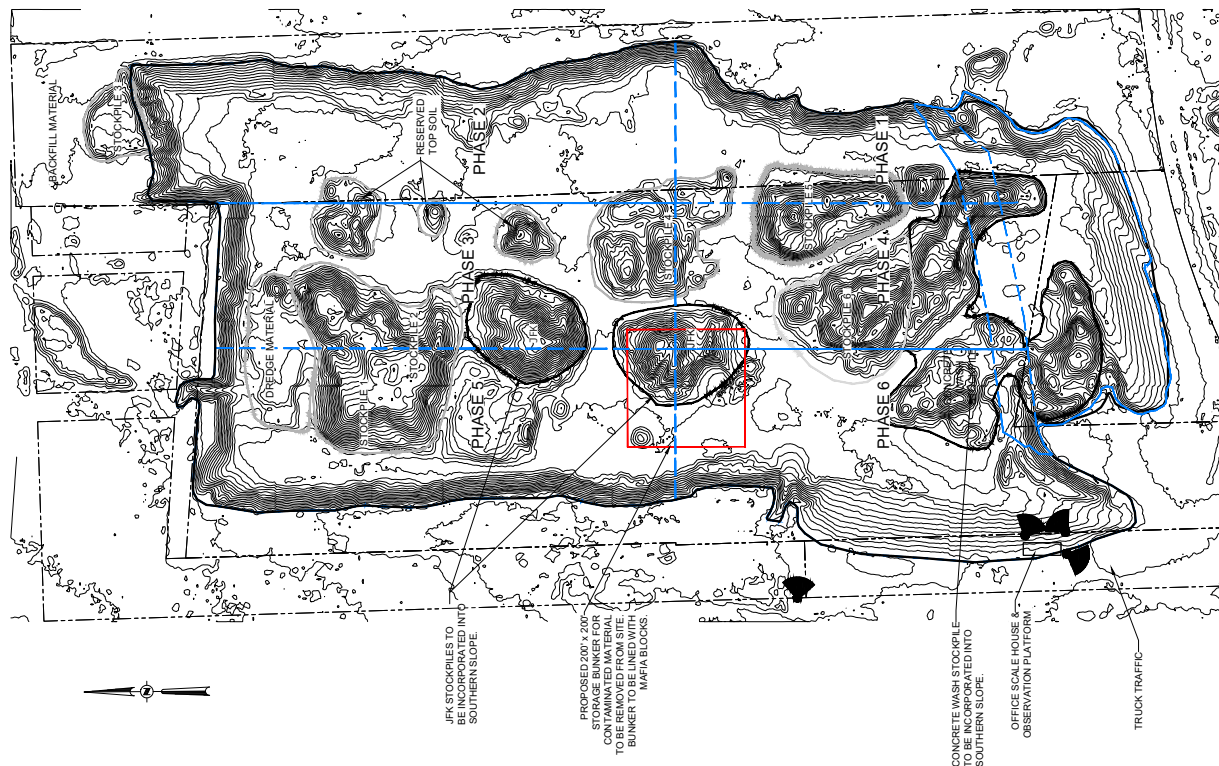
WESTHAMPTON BEACH, TOWN OF SOUTHAMPTON
SUFFOLK COUNTY, NEW YORK

Conf and Hapt bar :

KEY MAP



GC2101



KEY MAP
SCALE: 1" = 100'



EGEND

- PROPERTY LINE
EXISTING CONTOURS - MAJOR
STOCKPILE BOUNDARIES
SECURITY CAMERA LOCATION AND
DIRECTION OF DETECTION
PHASED PROGRESSION AREAS

NOTES

- PROPOSED ELEVATIONS VARY BY PHASE BASED ON SURROUNDING SURFACE GRADE. STOCKPILE BOUNDARIES FROM CURRENT CONDITIONS OBSERVED VIA PUBLICLY AVAILABLE TOPOGRAPHY AND AERIAL IMAGERY.

MAP REFERENCES

- PROPERTY BOUNDARY FROM NEW YORK STATE'S CLEARINGHOUSE - SUFFOLK COUNTY TAX MAP PARCELS
TOPOGRAPHY DERIVED FROM A DIGITAL ELEVATION MODEL FROM USGS EARTH EXPLORER, DATED NOVEMBER, 2010.
STOCKPILE LABELS AND GENERAL LOCATIONS FROM FIGURE 3 OF "SITE INVESTIGATION REPORT" BY GBI CONSULTANTS, DATED MAY 2021.



FIGURE 6