



PUBLIC NOTICE

US Army Corps
of Engineers
New York District
Jacob K. Javits Federal Building
New York, N.Y. 10278-0090
ATTN: Regulatory Branch

In replying refer to:
Public Notice Number: NAN-2007-547-EHA
Issue Date: October 16, 2007
Expiration Date: November 16, 2007

To Whom It May Concern:

The New York District, Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

APPLICANT: Sylvan Lake Commission
301 Main Street
Avon-by-the-Sea, New Jersey 07717

ACTIVITY: Dredging with onsite dewatering and upland disposal

WATERWAY: Sylvan Lake, a tributary to the Atlantic Ocean

LOCATION: Boroughs of Avon-by-the-Sea and Bradley Beach, Monmouth County, New Jersey.

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND MAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity.

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by mail is considered just as carefully in the

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PUBLIC NOTICE NO. NAN-2007-547-EHA

permit decision process and bears the same weight as that furnished at a public hearing.

Our preliminary determination is that the activity for which authorization is sought herein is not likely to affect any Federally endangered or threatened species or their critical habitat. However, pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the District Engineer is consulting with the appropriate Federal agency to determine the presence of and potential impacts to listed species in the project area or their critical habitat.

Based upon a review of the latest published version of the National Register of Historic Places, there are no known sites eligible for, or included in, the Register within the permit area. Presently unknown archeological, scientific, prehistorical, or historical data may be lost by work accomplished under the required permit.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

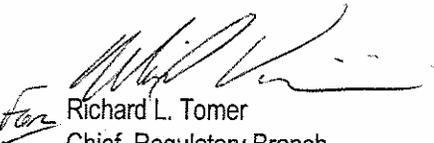
Pursuant to Section 307 (c) of the Coastal Zone Management Act of 1972 as amended [16 U.S.C. 1456 (c)], for activities under consideration that are located within the coastal zone of a state which has a federally approved coastal zone management program, the applicant has certified in the permit application that the activity complies with, and will be conducted in a manner that is consistent with, the approved state coastal zone management program. By this public notice, we are requesting the state's concurrence with, objection to, or waiver of the applicant's certification. No permit decision will be made until one of these actions occurs. For activities within the coastal zone of New Jersey, the applicant's certification and accompanying information is available from the New Jersey Department of Environmental Protection, Bureau of Coastal Regulations, CN 401, 501 East State Street, Second Floor, Trenton, New Jersey 08625-0401, Telephone Number (609) 633-2289. Comments regarding the applicant's certification, and copies of any letters to this office commenting upon this proposal, should be so addressed.

In addition to any required water quality certificate and coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

- New Jersey Department of Environmental Protection

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. If you have any questions concerning this application, you may contact this office at (917) 790-8523 and ask for Naomi Handell.

For more information on New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>


Richard L. Tomer
Chief, Regulatory Branch

Enclosures

WORK DESCRIPTION

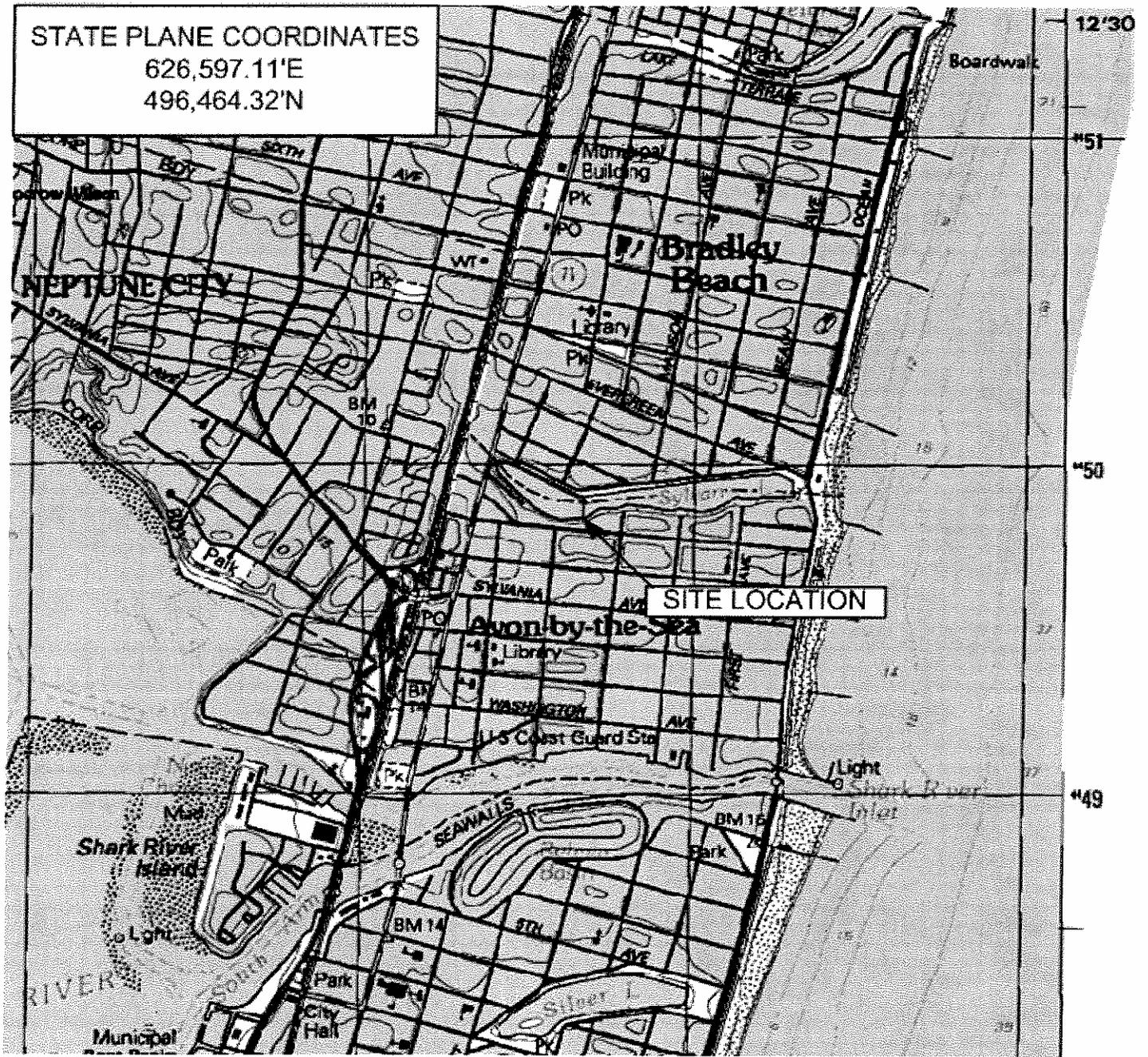
The applicant, Sylvan Lake Commission, has requested Department of the Army authorization for dredging, onsite dewatering, and upland disposal in Sylvan Lake, Boroughs of Avon-by-the-Sea and Bradley Beach, Monmouth County, New Jersey.

The work would involve: lowering the water level in the lake to dredge approximately 10,900 cubic yards of contaminated sediment via bulldozer from a 5.8 acre area of the westernmost part of the lake to a National Geodectic Vertical Datum of 1929 elevation of 1.5 feet. The sediment will be stockpiled and dewatered in two areas onsite as shown on Sheets 4 and 5 of 12. A hay bale berm or stone wall berm will be used for erosion control (see sheet 7 of 12) in the stockpile areas. Once dewatered, the dredged material will be loaded onto trucks and placed at an approved upland facility.

The stated purpose of this project is to improve circulation and water quality in Sylvan Lake.

STATE PLANE COORDINATES

626,597.11'E
496,464.32'N



ELEVEN TINDALL ROAD
 MIDDLETOWN, NEW JERSEY 07748
 PHONE: (732) 671-6400 FAX (732) 671-7365



SCALE IN FEET

USGS TOPOGRAPHIC MAP

SYLVAN LAKE DREDGING PROJECT
SYLVAN LAKE

BOROUGH OF AVON-BY-THE-SEA AND BRADLEY BEACH, NJ

SOURCE: USGS - ASBURY PARK NJ QUADRANGLE (1989)



FIGURE 1 of 12



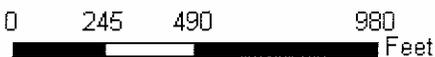
US Army Corps
 of Engineers
 New York District

Corps #: NAN-2007-547-EHA
 Project Name: Sylvan Lake
 Sheet 1 of 12



11 Tindall Road
 Middletown, NJ 07748-2792
 Phone: 732-671-6400
 Fax: 732-671-7365

**Figure 2: Site Location Map
 Sylvan Lake Dredging Project
 Borough of Avon-By-The-Sea and Bradley Beach
 Monmouth County, New Jersey**



Prepared by: E.J.N, 11/7/06
 Source: NJDEP Digital GIS Data, NJDOT Roads
 File Path: H:\SLCM\GD601\Permits\NJDEP\AVON-SiteLocationMap.mxd



NOTE: This map was developed using New Jersey Department of Environmental Protection Geographic Information System digital data, but this secondary product has not been verified by NJDEP and is not State-authorized.

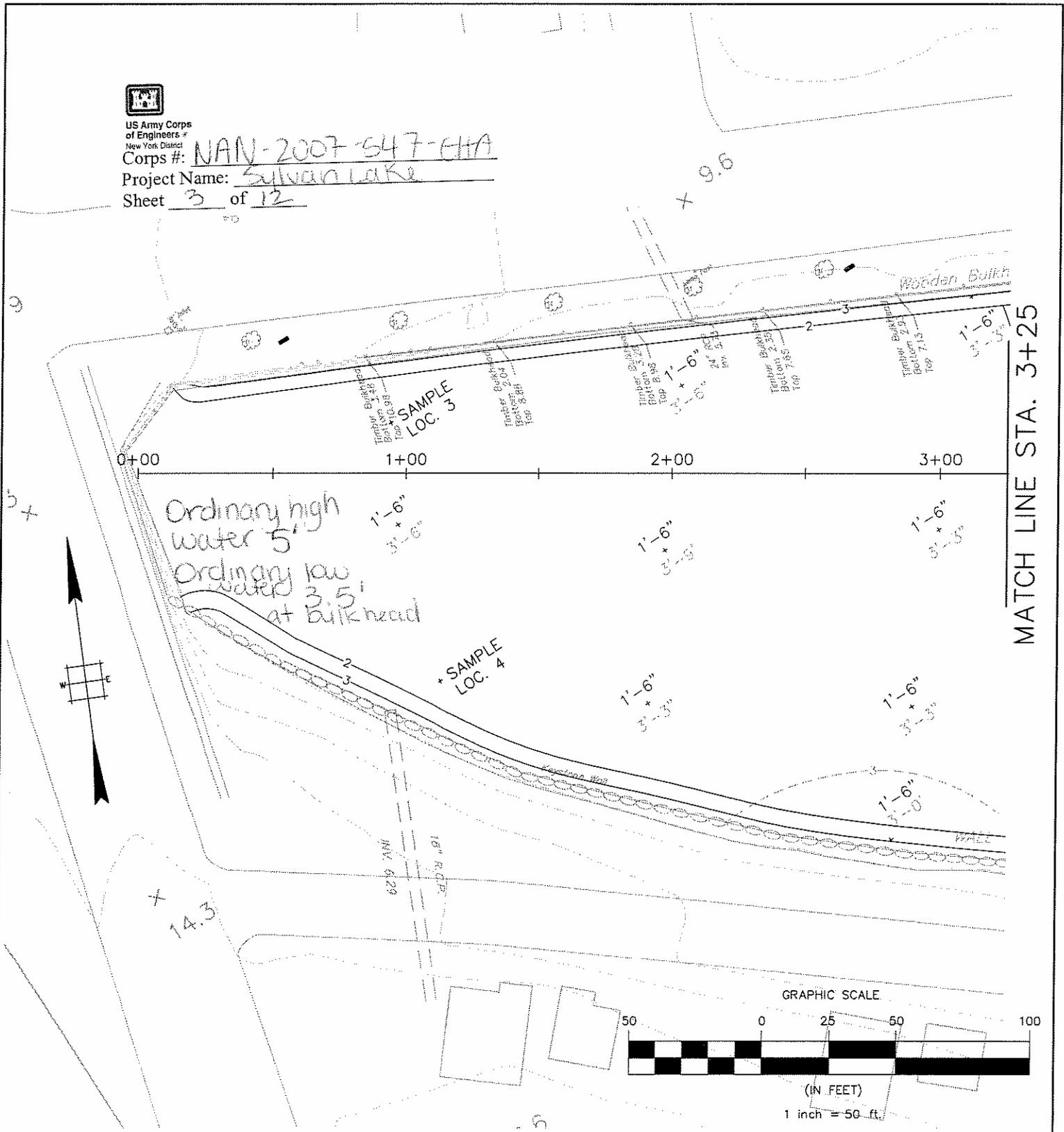


US Army Corps of Engineers
New York District

Corps #: NAN-2007-547-EHA

Project Name: Sylvan Lake

Sheet 3 of 12



MATCH LINE STA. 3+25

TM ASSOCIATES
CONSULTING AND MUNICIPAL ENGINEERS
ELEVEN TINDALL ROAD, MIDDLETOWN, NEW JERSEY 07748

DREDGING PLAN

APPLICATION BY:
SYLVAN LAKE COMMISSION

SYLVAN LAKE DREDGING PROJECT:
SYLVAN LAKE

LOCATED IN: AVON-BY-THE-SEA
MONMOUTH COUNTY, N.J.

DATE: SEPTEMBER 18, 2007 SHEET 3 OF 12



US Army Corps
of Engineers
New York District

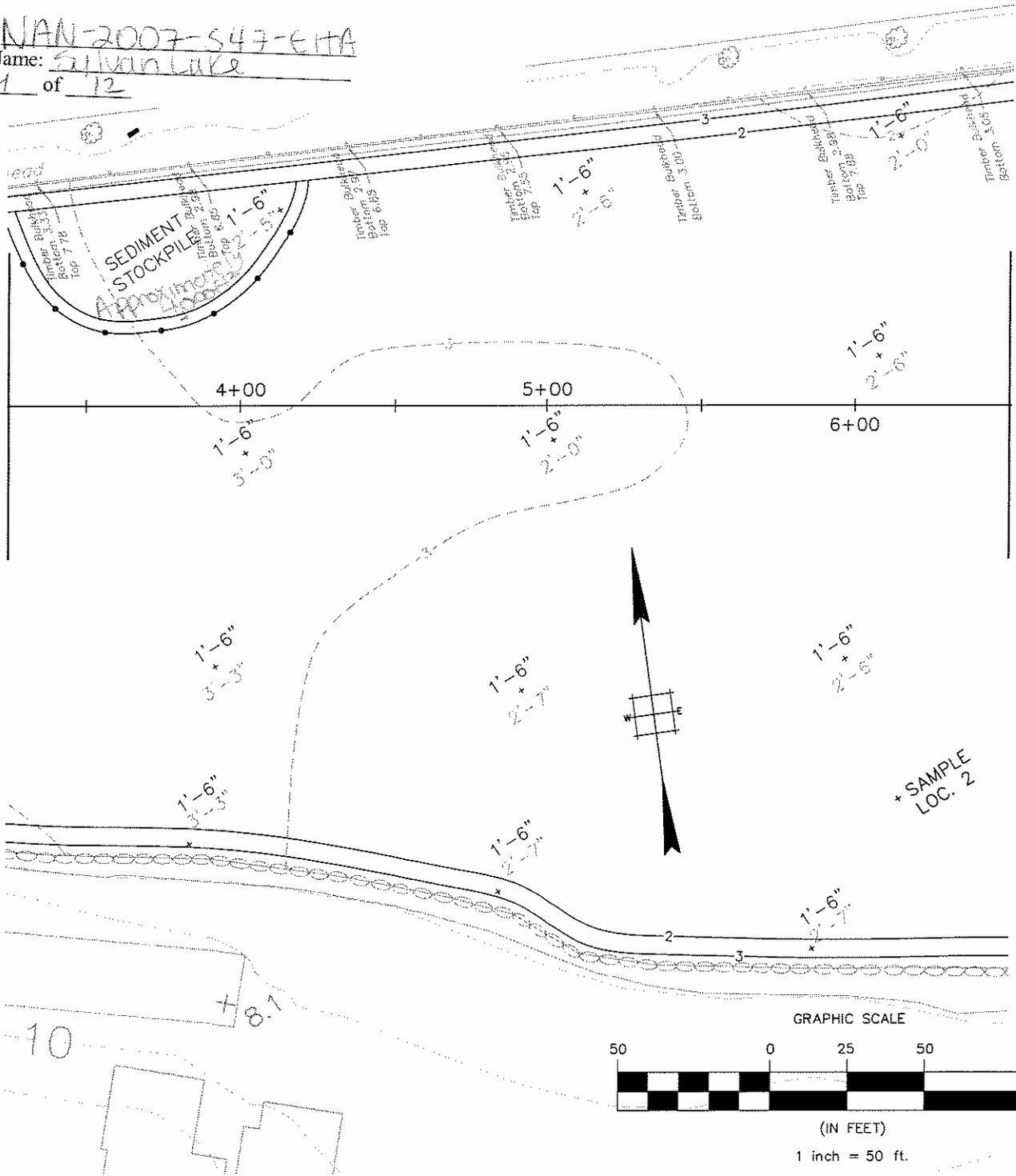
Corps #: NAN-2007-547-EHA

Project Name: Sylvan Lake

Sheet 4 of 12

MATCH LINE STA. 3+25

MATCHLINE STA. 6+50



Stockpile trees
Approximately 100' x 40'

DREDGING PLAN

SYLVAN LAKE DREDGING PROJECT:
SYLVAN LAKE

LOCATED IN: AVON-BY-THE-SEA
MONMOUTH COUNTY, N.J.

TM ASSOCIATES
CONSULTING AND MUNICIPAL ENGINEERS
ELEVEN TINDALL ROAD, MIDDLETOWN, NEW JERSEY 07748

APPLICATION BY:
SYLVAN LAKE COMMISSION

DATE: SEPTEMBER 18, 2007 SHEET 4 OF 10

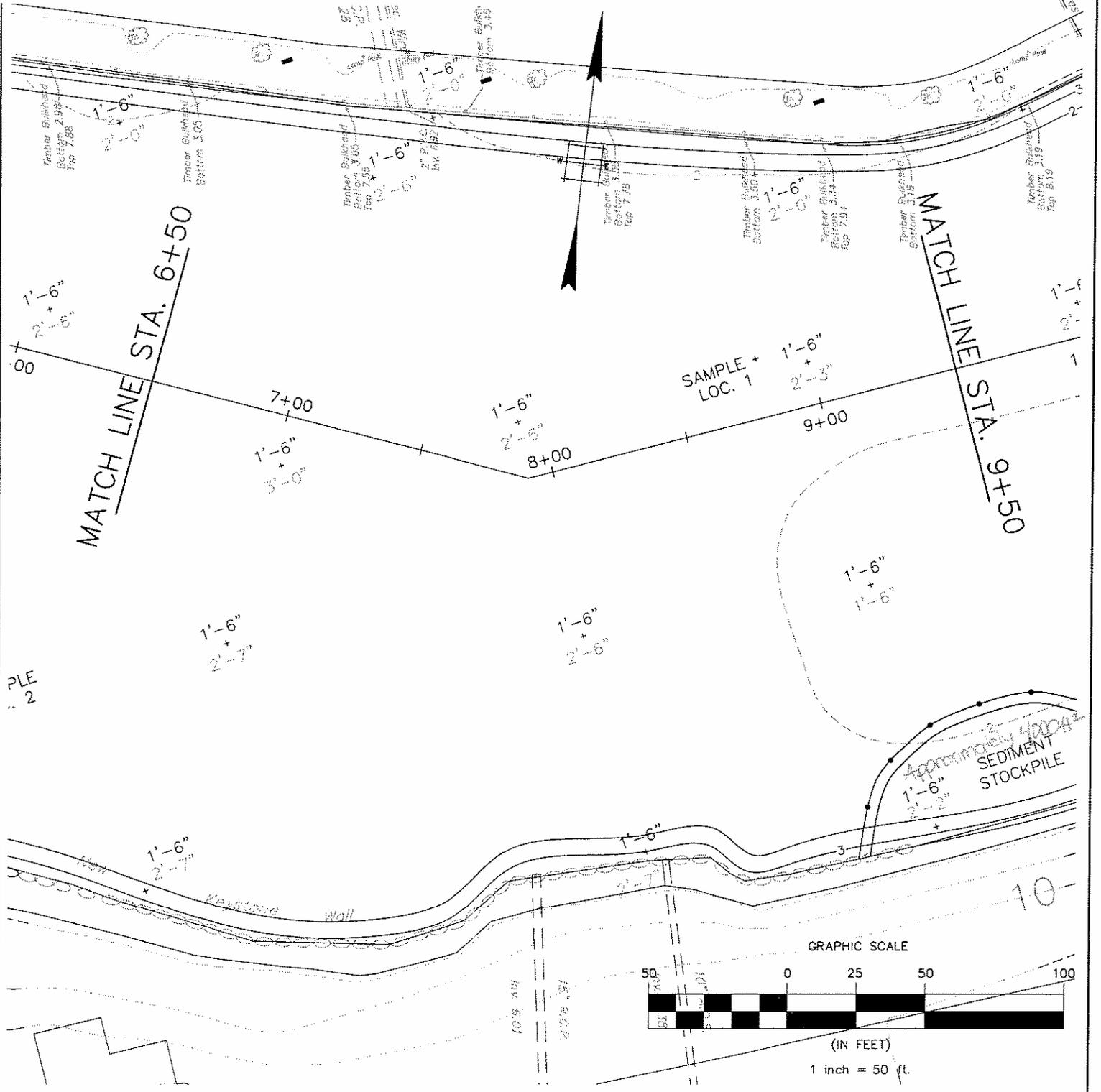


US Army Corps
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New York District

Corps #: NAN-2007-547-ETA

Project Name: Sylvan Lake

Sheet 5 of 12



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CONSULTING AND MUNICIPAL ENGINEERS
ELEVEN TINDALL ROAD, MIDDLETOWN, NEW JERSEY 07748

DREDGING PLAN

APPLICATION BY:
SYLVAN LAKE COMMISSION

SYLVAN LAKE DREDGING PROJECT:
SYLVAN LAKE

LOCATED IN: AVON-BY-THE-SEA
MONMOUTH COUNTY, N.J.

DATE: SEPTEMBER 18, 2007 SHEET 5 OF 12

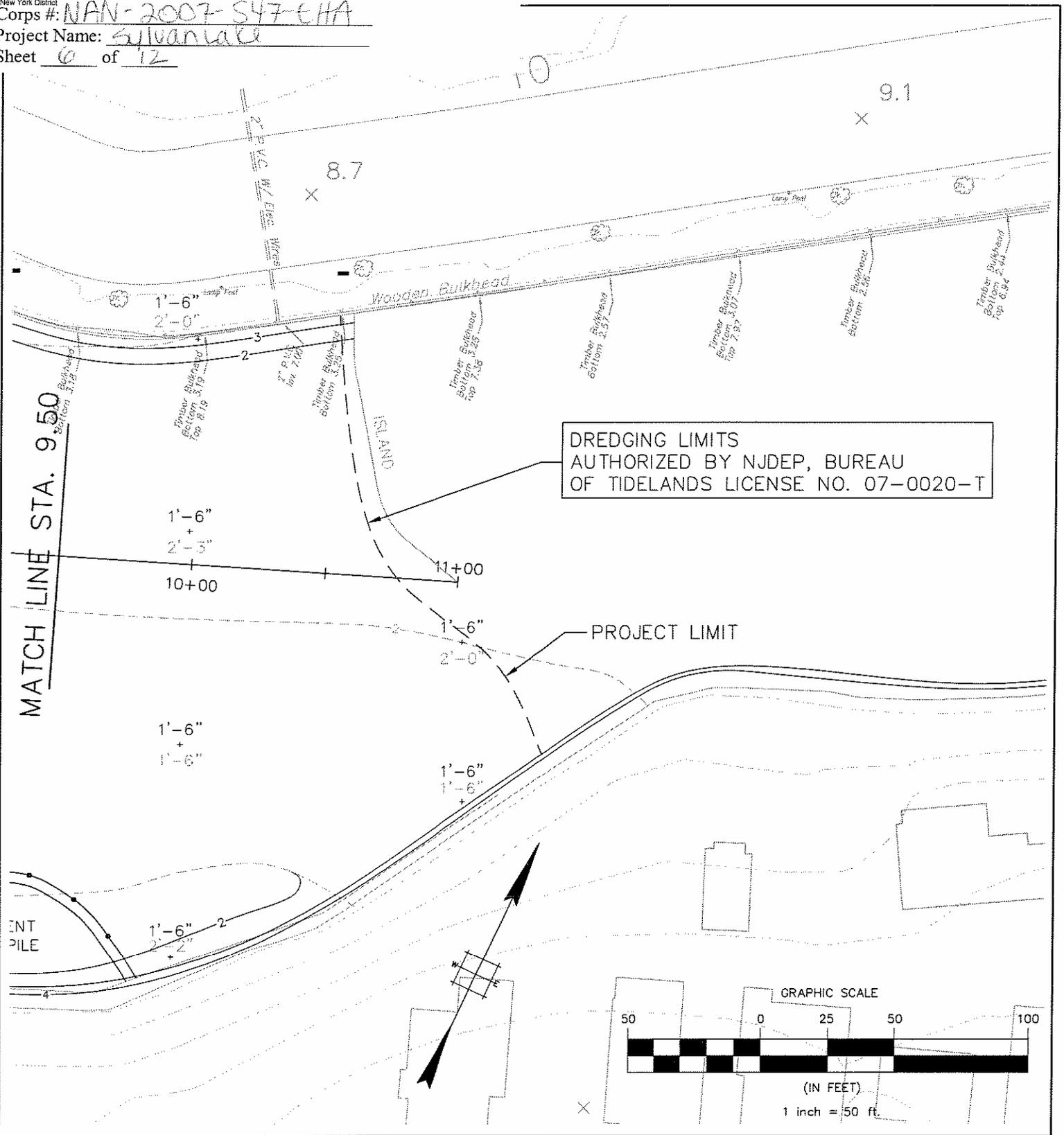


US Army Corps
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New York District

Corps #: NAN-2007-547-EHA

Project Name: Sylvan Lake

Sheet 6 of 12



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CONSULTING AND MUNICIPAL ENGINEERS
ELEVEN TINDALL ROAD, MIDDLETOWN, NEW JERSEY 07748

DREDGING PLAN
APPLICATION BY:
SYLVAN LAKE COMMISSION

SYLVAN LAKE DREDGING PROJECT:
SYLVAN LAKE
LOCATED IN: AVON-BY-THE-SEA
MONMOUTH COUNTY, N.J.
DATE: SEPTEMBER 18, 2007 SHEET 6 OF 12

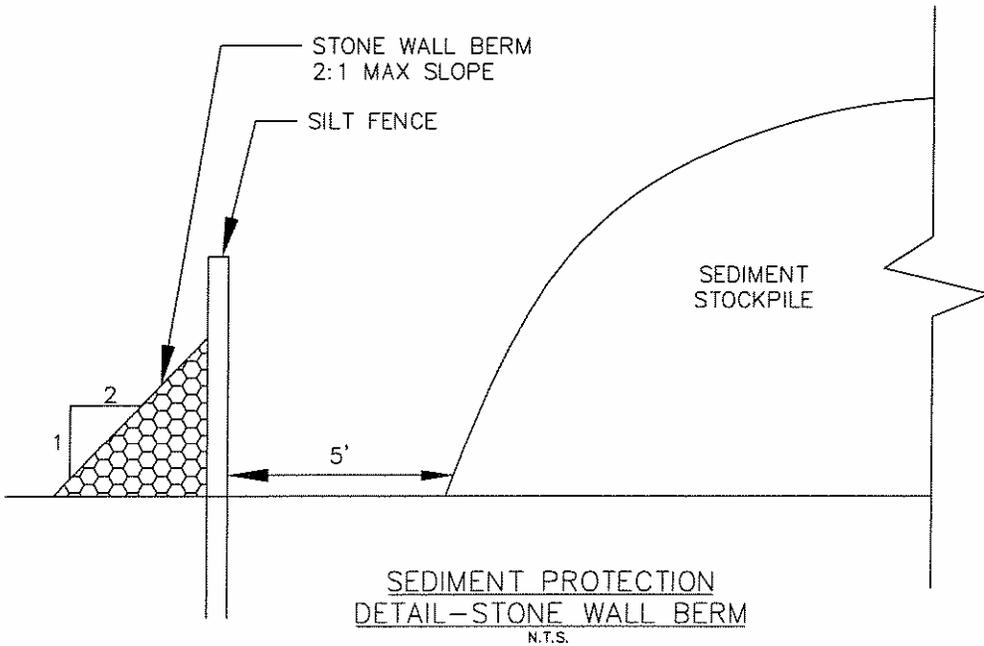
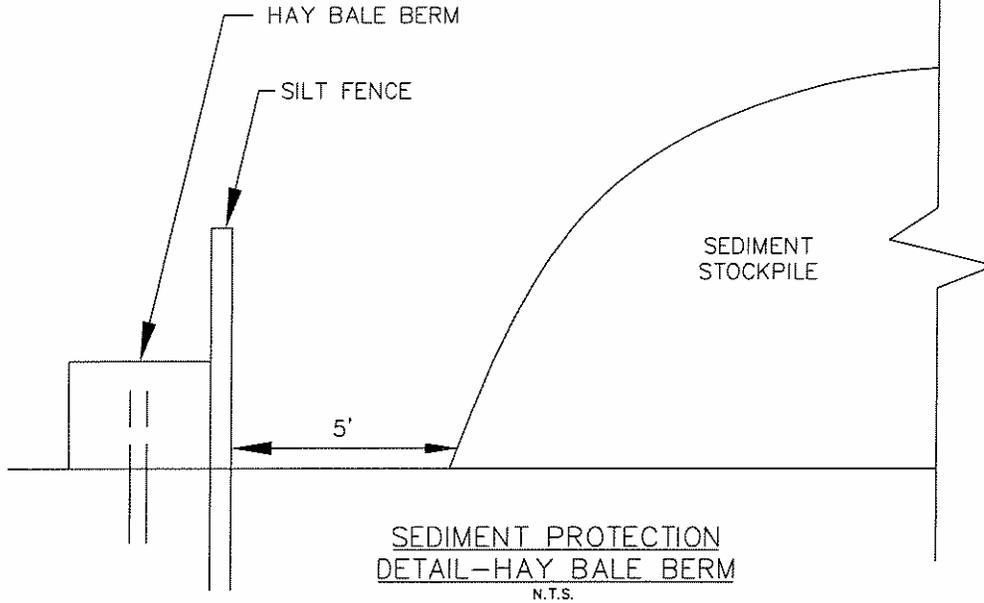


US Army Corps
of Engineers
New York District

Corps #: NAN-2007-547-EHA

Project Name: Sylvan Lake

Sheet 7 of 12



DREDGING
PLAN

SYLVAN LAKE DREDGING PROJECT:
SYLVAN LAKE

LOCATED IN: AVON-BY-THE-SEA
MONMOUTH COUNTY, N.J.

TM ASSOCIATES
CONSULTING AND MUNICIPAL ENGINEERS
ELEVEN TINDALL ROAD, MIDDLETOWN, NEW JERSEY 07748

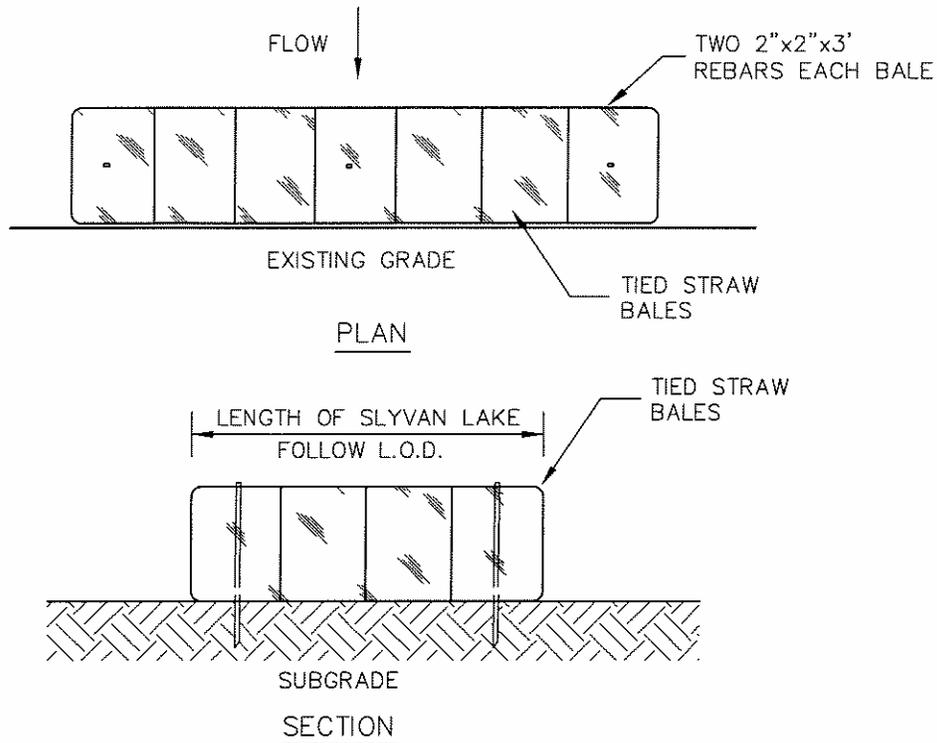
APPLICATION BY:
SYLVAN LAKE COMMISSION

DATE: SEPTEMBER 18, 2007 SHEET 7 OF 12



US Army Corps
of Engineers *
New York District

Corps #: NAU-2007-SH6-EHA
Project Name: Sylvan Lake
Sheet 8 of 12



**SEDIMENT PROTECTION DETAIL –
LIMITS OF DISTURBANCE**

N.T.S.

NOTES:

1. THE VERTICAL DATUM USED IS NGVD-1929 WITH A WATER SURFACE ELEVATION OF 5.0' AT SYLVAN LAKE.
2. PROPOSED ELEVATIONS ARE BASED ON THE REQUIRED SEDIMENT REMOVAL TO ACHIEVE 3.5' OF WATER DEPTH.
3. TOTAL VOLUME OF MATERIAL TO BE REMOVED IS 10,900 C.Y.
4. TOTAL AREA TO BE DREDGED = 253,762 SF, 5.8 AC.
5. MECHANICAL DREDGING WILL BE PERFORMED USING A BULLDOZER SUBSEQUENT TO LAKE LOWERING.
6. ORDINARY HIGH WATER LINE OF SYLVAN LAKE = 5.0 FT.;
ORDINARY LOW WATER LINE = 3.5 FT.

LEGEND:

- 1'-6" + PROPOSED ELEVATION (BOLD)
- 1'-6" + EXISTING ELEVATION (LIGHT GREY)
- SAMPLE LOC. 1 + SAMPLE OF SEDIMENT LOCATIONS

*Temporary Fill. approximately 8,000 ft² =
2 stockpile areas of 10,900 cy
Dredged material will be placed at an*

approved upland location.

**DREDGING
PLAN**

SYLVAN LAKE DREDGING PROJECT:
SYLVAN LAKE

LOCATED IN: AVON-BY-THE-SEA
MONMOUTH COUNTY, N.J.

TM ASSOCIATES
CONSULTING AND MUNICIPAL ENGINEERS
ELEVEN TINDALL ROAD, MIDDLETOWN, NEW JERSEY 07748

APPLICATION BY:
SYLVAN LAKE COMMISSION

DATE: SEPTEMBER 18, 2007 SHEET **8** OF **12**

EXISTING
KEYSTONE WALL

WATER ELEVATION 5.0'

MATCH LINE A

STATION 2+00

SCALE: 1"=20' VERTICAL
1"=20' HORIZONTAL

MATCH LINE A

ELEVATION = 0 @ THIS POINT
EXISTING BULKHEAD

EXISTING SEDIMENT ELEVATION (EXISTING WATER DEPTH 1.5 FT.)

PROPOSED DREDGING ELEVATION (PROPOSED WATER DEPTH 3.5 FT.)

EXISTING
KEYSTONE WALL

EXISTING SEDIMENT ELEVATION
(EXISTING WATER DEPTH 2.25 FT.)

PROPOSED DREDGING ELEVATION
(PROPOSED WATER DEPTH 3.5 FT.)

MATCH LINE B

WATER ELEVATION 5.0'

ELEVATION = 0 @ THIS POINT
EXISTING BULKHEAD

MATCH LINE B

NOTES:

1. TOTAL AREA TO BE DREDGED = 253,762 SF, 5.8 AC.
2. SIDE SLOPES WILL BE FINISHED AT 5:1.

STATION 4+00

SCALE: 1"=20' VERTICAL
1"=20' HORIZONTAL

DREDGING PLAN CROSS SECTIONS

APPLICATION BY:
SYLVAN LAKE COMMISSION

SYLVAN LAKE DREDGING PROJECT:
SYLVAN LAKE

LOCATED IN: AVON-BY-THE-SEA
MONMOUTH COUNTY, N.J.

DATE: SEPTEMBER 18, 2007 SHEET 7 OF 12

EXISTING
KEYSTONE WALL

PROPOSED DREDGING ELEVATION
(PROPOSED WATER DEPTH 3.5 FT.)

WATER ELEVATION 5.0'

EXISTING SEDIMENT ELEVATION
(EXISTING WATER DEPTH 2.5 FT.)

STATION 6+00

SCALE: 1"=20' VERTICAL
1"=20' HORIZONTAL

ELEVATION = 0
@ THIS POINT

EXISTING BULKHEAD



US Army Corps
of Engineers
New York District

Corps #: NAN-2007-547-EM

Project Name: Sylvan Lake

Sheet 10 of 12

NOTES:

1. TOTAL AREA TO BE DREDGED = 253,762 SF, 5.8 AC.
2. SIDE SLOPES WILL BE FINISHED AT 5:1.

DREDGING PLAN CROSS SECTIONS

APPLICATION BY:
SYLVAN LAKE COMMISSION

SYLVAN LAKE DREDGING PROJECT:
SYLVAN LAKE

LOCATED IN: AVON-BY-THE-SEA
MONMOUTH COUNTY, N.J.

DATE: SEPTEMBER 18, 2007 SHEET 10 OF 12

TM ASSOCIATES
CONSULTING AND MUNICIPAL ENGINEERS
ELEVEN TINDALL ROAD, MIDDLETOWN, NEW JERSEY 07748

EXISTING
KEYSTONE WALL

PROPOSED DREDGING ELEVATION
(PROPOSED WATER DEPTH 3.5 FT.)

WATER ELEVATION 5.0'

EXISTING SEDIMENT ELEVATION
(EXISTING WATER DEPTH 2.5 FT.)

STATION 8+00

SCALE: 1"=20' VERTICAL
1"=20' HORIZONTAL

ELEVATION = 0
@ THIS POINT

EXISTING BULKHEAD



US Army Corps
of Engineers
New York District

Corps #: NAN-2007-547-611A

Project Name: Sylvan Lake

Sheet 11 of 12

NOTES:

1. TOTAL AREA TO BE DREDGED = 253,762 SF, 5.8 AC.
2. SIDE SLOPES WILL BE FINISHED AT 5:1.

MATCH LINE E

MATCH LINE F

MATCH LINE E

MATCH LINE F

DREDGING PLAN CROSS SECTIONS

SYLVAN LAKE DREDGING PROJECT:
SYLVAN LAKE

LOCATED IN: AVON-BY-THE-SEA
MONMOUTH COUNTY, N.J.

TM ASSOCIATES
CONSULTING AND MUNICIPAL ENGINEERS
ELEVEN TINDALL ROAD, MIDDLETOWN, NEW JERSEY 07748

APPLICATION BY:
SYLVAN LAKE COMMISSION

DATE: SEPTEMBER 18, 2007 SHEET 11 OF 12

EXISTING
KEYSTONE WALL

PROPOSED DREDGING ELEVATION
(PROPOSED WATER DEPTH 3.5 FT.)

MATCH LINE G

MATCH LINE G

WATER ELEVATION 5.0'

STATION 10+00

SCALE: 1"=20' VERTICAL
1"=20' HORIZONTAL

ELEVATION = 0 @ THIS POINT
EXISTING BULKHEAD
EXISTING SEDIMENT ELEVATION
(EXISTING WATER DEPTH 2.75 FT.)



US Army Corps
of Engineers
New York District

Corps #: NAN-2007-547-EHM
Project Name: Sylvan Lake
Sheet 12 of 12

NOTES:

1. TOTAL AREA TO BE DREDGED = 253,762 SF, 5.8 AC.
2. SIDE SLOPES WILL BE FINISHED AT 5:1.

DREDGING PLAN
CROSS SECTIONS

SYLVAN LAKE DREDGING PROJECT:
SYLVAN LAKE

LOCATED IN: AVON-BY-THE-SEA
MONMOUTH COUNTY, N.J.

TM ASSOCIATES
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APPLICATION BY:
SYLVAN LAKE COMMISSION

DATE: SEPTEMBER 18, 2007 SHEET 12 of 12