



**US Army Corps
of Engineers**
Philadelphia District

Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390
ATTN: CENAP-OP-R

Public Notice

Public Notice No. CENAP-OP-R-2017-738	Date December 8, 2017
Application No. CENAP-OP-R-2017-738	File No. CENAP-OP-R-2017-738-85
In Reply Refer to: REGULATORY BRANCH	

This District 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).

The purpose of this notice is to solicit comments and recommendations from the public concerning issuance of a Department of the Army permit for the work described below.

APPLICANT: Mariah Calagione

AGENT: Dr. Evelyn M. Maurmeyer, Coastal & Estuarine Research, Inc.

WATERWAY: Lewes and Rehoboth Canal

LOCATION: 360 Pilottown Road, Lewes, Sussex County, Delaware
Tax Map Parcels 3-35-4.19-81.00
(Lat. 38.779364°N/Long.-75.146539°W).

ACTIVITY: The applicant has applied for a 10-year maintenance dredging permit. The applicant proposes to conduct hydraulic maintenance dredging of approximately 355 cubic yards of accumulated sediment to a depth of -4' MLW, measuring approximately 3,210 square feet at a private boat dock located in the Lewes and Rehoboth Canal, Lewes, Sussex County, Delaware. The dredged material will be hydraulically pumped to an existing confined upland disposal site located at the western end of Anglers Road. The dimensions of the structures are indicated on the attached plans identified as E-1 through E-4.

PURPOSE: The purpose of the project is to maintain navigable depths for safe access to/from the dock.

AVOIDANCE/MINIMIZATION/COMPENSATION STATEMENT:

On April 10, 2008, the U.S. Army Corps of Engineers and the U.S. Environmental Protection Agency published a *Final Rule on Compensatory Mitigation for the Losses of Aquatic Resources* (33 CFR 325 and 332 and 40 CFR 230). The rule took effect on June 9, 2008. In accordance with 33 CFR Part 325.1(d)(7) of the rule, the applicant has stated that the proposed project has been designed to avoid and minimize adverse effects on the aquatic environment to the maximum extent practicable, and has further documented that compensatory mitigation is not

necessary. The following aspects and features of the project demonstrate the applicant's efforts in this regard.

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The project cannot be avoided entirely because it is, by its nature, a water-dependent activity. The proposed maintenance dredging will provide safe and adequate access to/from the dock. The dredged material will be hydraulically pumped to an existing confined upland disposal site located at the western end of Anglers Road. Because no wetlands or other special aquatic sites would be permanently impacted by the project, the applicant is not proposing to conduct any compensatory mitigation for the work.

Review of the National Register of Historic Places indicates that no registered properties or properties listed as eligible for inclusion therein are located within the permit area of the work. The Philadelphia District has determined that the proposed project is of such limited nature and scope that little likelihood exists for the proposed action to impact an historic property. The District has determined that the project will have no effect on properties eligible for or listed in the National Register of Historic Places.

A preliminary review of this application indicates that the proposed work would not affect listed species or their critical habitat pursuant to Section 7 of the Endangered Species Act as amended. As a result, consultation with NOAA Fisheries and the United States Fish and Wildlife Service pursuant to Section 7 of the ESA is not necessary. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act 1996 (Public Law 104-267), requires all Federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely affect Essential Fish Habitat (EFH). A preliminary review of this application indicates that EFH is present within the project area. The following managed species of fish have been listed in the Guide to Essential Fish Habitat Designations in the Northeastern United States as occurring in the vicinity of the project: Atlantic cod (*Gadus morhua*), red hake (*Urophycis chuss*), windowpane flounder (*Scophthalmus aquosus*), Atlantic sea herring (*Clupea harengus*), monkfish (*Lophius americanus*), bluefish (*Pomatomus saltatrix*), Atlantic butterflyfish (*Peprilus triacanthus*), summer flounder (*Paralichthys dentatus*), scup (*Stenotomus chrysops*), surf clam (*Spisula solidissima*), black sea bass (*Centropristus striata*), spiny dogfish (*Squalus acanthias*), king mackerel (*Scomberomerus cavalla*), Spanish mackerel (*Scomberomerus maculatus*), cobia (*Rachycentron canadum*), sand tiger shark (*Carcharias Taurus*), Atlantic angel shark (*Squatina dumerili*), Atlantic sharpnose shark (*Rhizopriondon terraenovae*), dusky shark (*Carcharhinus obscurus*), sandbar shark (*Carcharhinus plumbeus*) and scalloped hammerhead shark (*Sphyrna lewini*).

The Philadelphia District will evaluate the potential effects of the proposed actions on EFH and will consult with NOAA Fisheries as appropriate. Consultation will be concluded prior to the final decision on this permit application.

The decision whether to issue a permit will be based on an evaluation of the activity's probable impact including its cumulative impacts on the public interest. The decision will reflect the national concern for both protection and utilization of important resources. The benefits

which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be

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considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs and welfare of the people. A Department of the Army permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

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 the 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.

Comments on the proposed work should be submitted, in writing, within 15 days to the District Engineer, U.S. Army Corps of Engineers, Philadelphia District, Wanamaker Building, 100 Penn Square East, Philadelphia, Pennsylvania 19107-3390.

In accordance with Section 307(c) of the Coastal Zone Management Act of 1972, applicants for Federal Licenses or Permits to conduct an activity affecting land or water uses in a State's coastal zone must provide certification that the activity complies with the State's Coastal Zone Management Program. The applicant has stated that the proposed activity complies with and will be conducted in a manner that is consistent with the approved State Coastal Zone Management (CZM) Program. No permit will be issued until the State has concurred with the applicant's certification or has waived its right to do so. Comments concerning the impact of the proposed and/or existing activity on the State's coastal zone should be sent to this office, with a copy to the State's Office of Coastal Zone Management.

Any person may request, in writing, to the District Engineer, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state in writing, with particularity, the reasons for holding a public hearing.

Additional information concerning this permit application may be obtained by calling Michael Yost at (267) 240-5278, by email at michael.d.yost@usace.army.mil, or by writing this office at the above address.



Edward E. Bonner
Chief, Regulatory Branch

2017-738

E-1

PROPOSED 355± C.Y. HYDRAULIC DREDGING TO -4.0'
IN: Boat slips adjacent to Lewes and Rehoboth Canal
AT: 360 Pilotown Road
Lewes, Sussex County, DE 19958
Tax Map Parcel #3-35-4.19-81.00
APPLICANTS: Samuel and Mariah Calagione
DATE: September 5, 2017

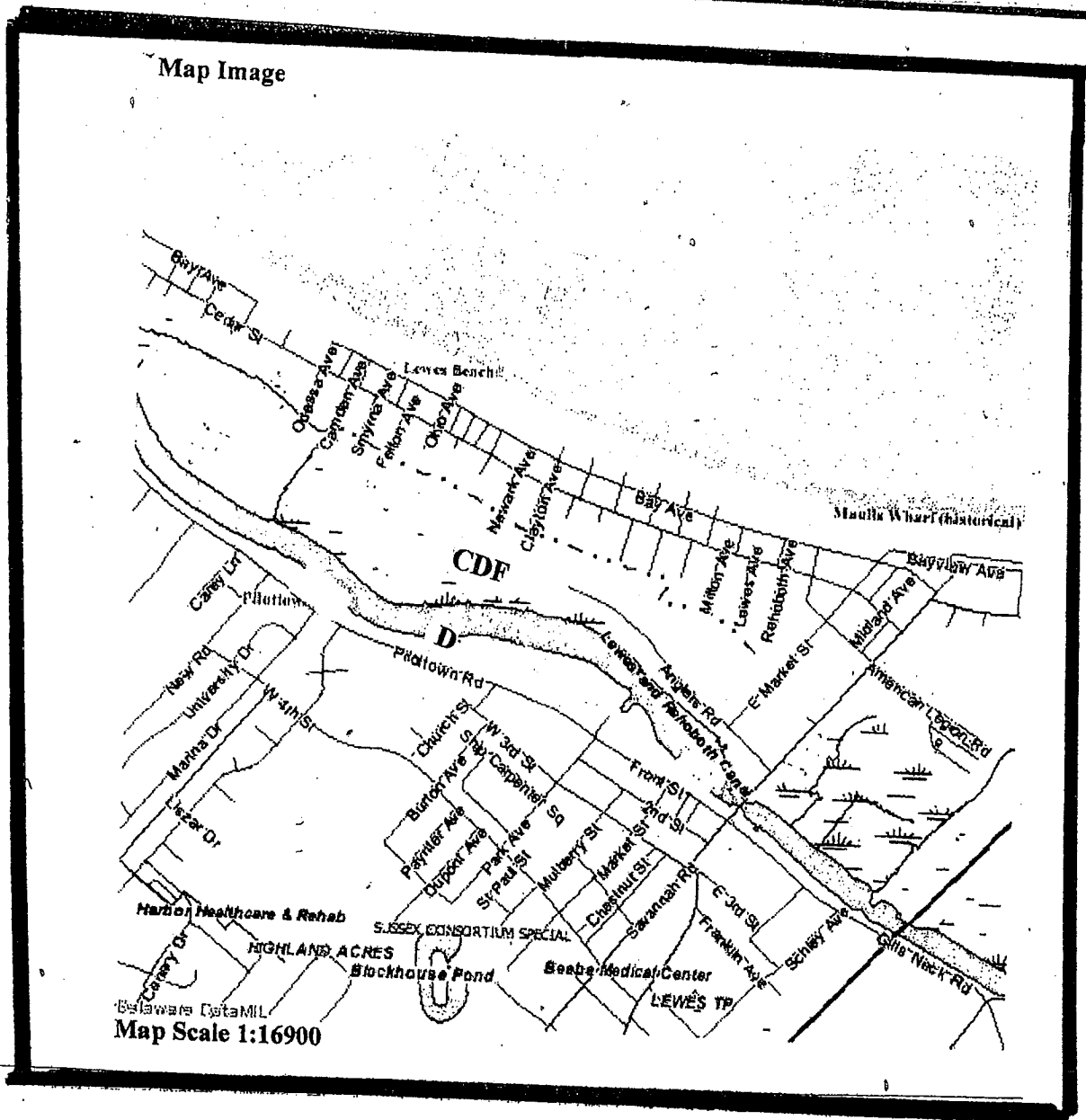


Figure 3. Street map of Lewes showing location of dredging site (D) site, boat docking facilities adjacent to Lewes and Rehoboth Canal at 360 Pilotown Road, Lewes; and Confined Disposal Facility (CDF), western end of Anglers Road/south of Cedar Street and Clayton Avenue.

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E-2

PROPOSED 35: .Y. HYDRAULIC DREDGING TO -4.0'

IN: Boat slips adjacent to Lewes and Rehoboth Canal

AT: 360 Pilottown Road

Lewes, Sussex County, DE 19958

Tax Map Parcel #3-35-4.19-81.00

APPLICANTS: Samuel and Mariah Calagione

DATE: September 5, 2017

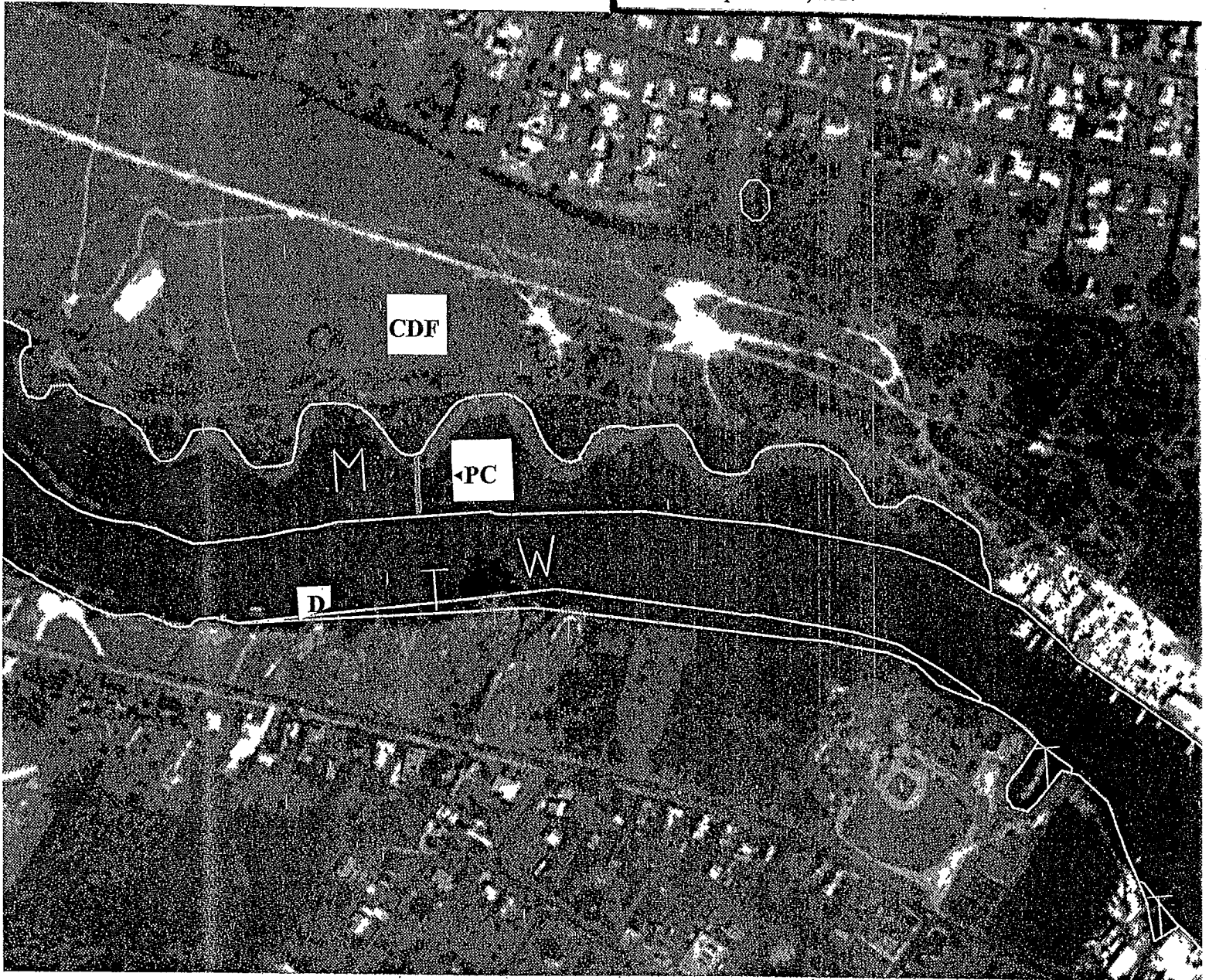


Figure 5. State of Delaware DNREC Wetland Map #DNR066 showing locations of dredging site (D) site, mapped W (water); hydraulic pipeline crossing (PC), mapped M (marsh); and Confined Disposal Facility (CDF), Confined Disposal Facility (CDF) mapped O (Other, uplands or non-tidal wetlands less than 400 acres). Hydraulic pipeline will cross approximately 100' of *Spartina alterniflora* marsh to access upland disposal area. Scale: 1" = 300'.

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E-3

PROPOSED 355± C.Y. HYDRAULIC DREDGING TO -4.0'
 IN: Boat slips adjacent to Lewes and Rehoboth Canal
 AT: 360 Pilottown Road
 Lewes, Sussex County, DE 19958
 Tax Map Parcel #3-35-4.19-81.00
 APPLICANTS: Samuel and Mariah Calagione
 DATE: September 5, 2017

PLAN VIEW SKETCH (1" = 30' ±)

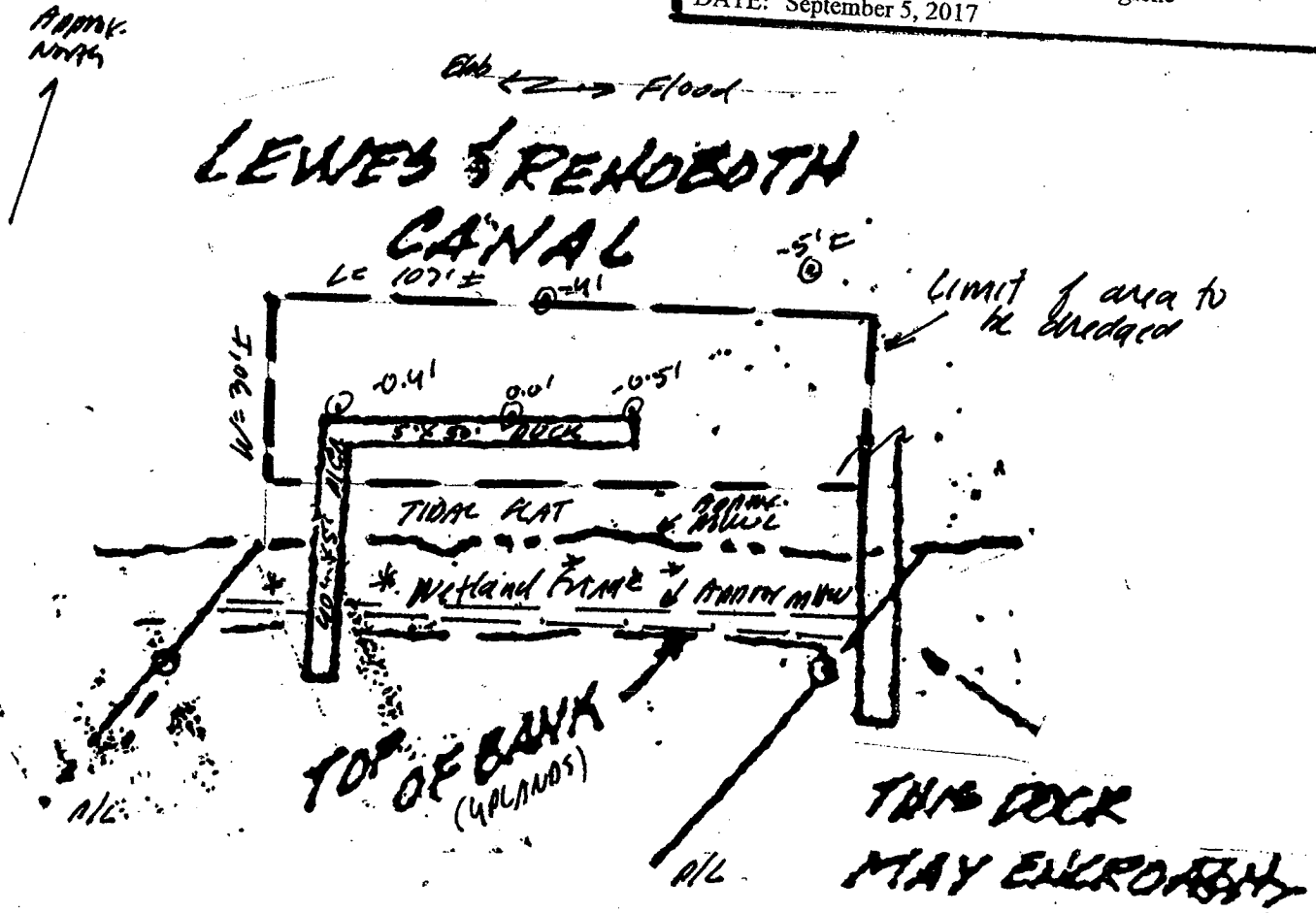


Figure 9. Plan view sketch showing area to be dredged, and existing mean low water (MLW) depths as measured by Evelyn Maurmeyer, CER, Inc., June 23, 2017 (inshore) and July 25, 2017 (offshore) at mean low tide (0.0'). See Figure 10 for cross-sections. Area to be dredged = 107' length x 30'± width (3,210 sq. ft.) to a depth of -4' MLW (355± c.y.).

CROSS-SECTION SKETCH (1" = 10' ±):

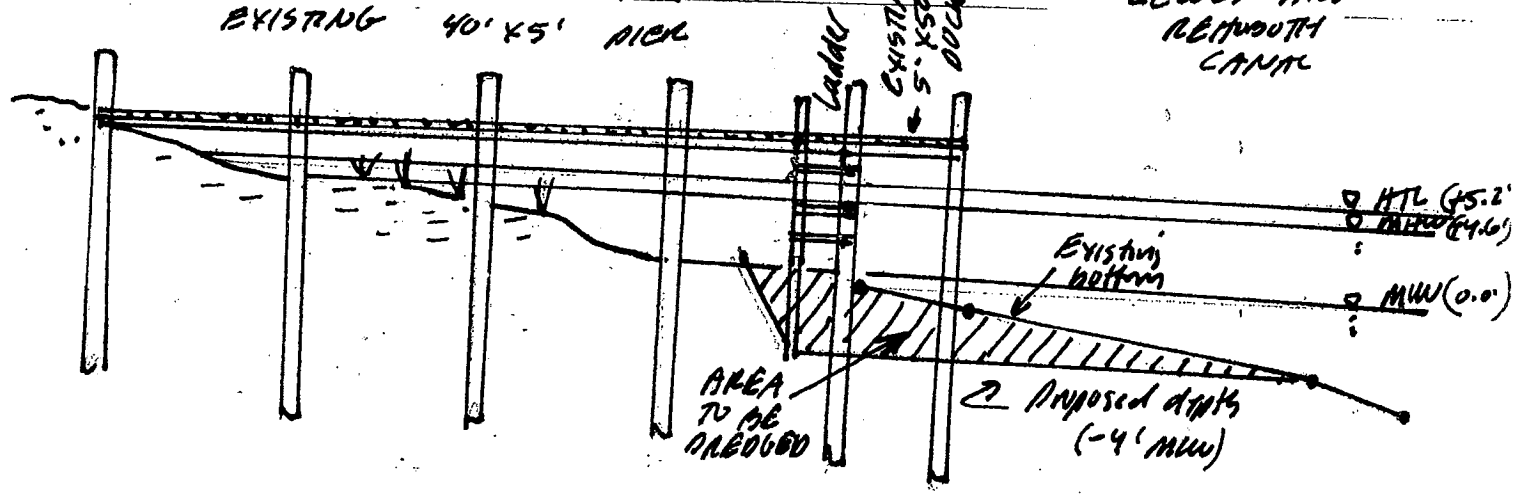


Figure 10. Cross-section sketch showing and proposed mean low water (MLW) depths.

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E-4

PROPOSED 355± C.Y. HYDRAULIC DREDGING TO -4.0'

IN: Boat slips adjacent to Lewes and Rehoboth Canal

AT: 360 Pilottown Road

Lewes, Sussex County, DE 19958

Tax Map Parcel #3-35-4.19-81.00

APPLICANTS: Samuel and Mariah Calagione

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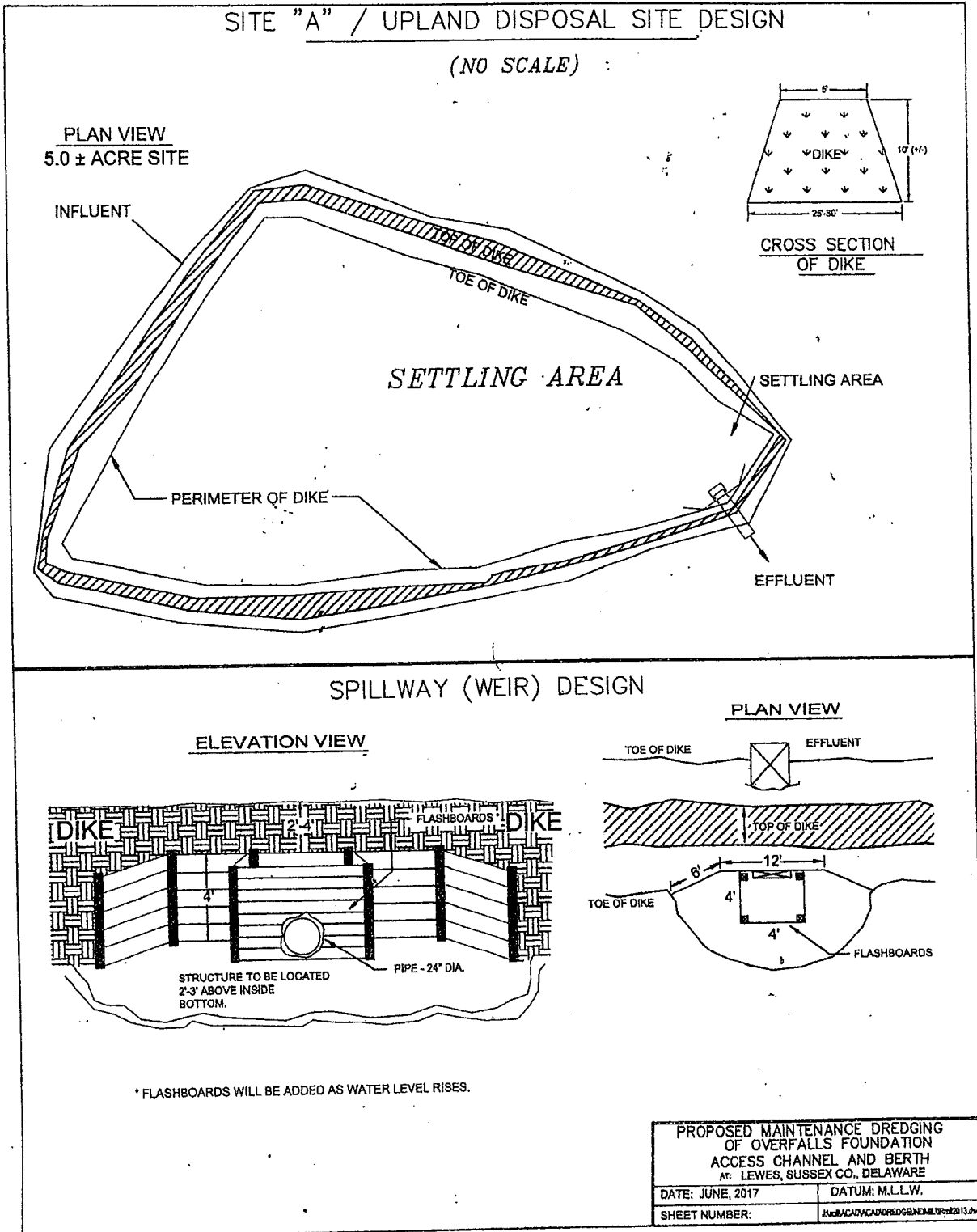


Figure 11. Confined upland disposal site plan and cross-section (provided by Chuck Williams, Shoreline and Waterway Management Section, DNREC).