

Serena McIlwain, Secretary Suzanne E. Dorsey, Deputy Secretary

May 13, 2024

Marthas Landing LLC c/o Brian Tinkler 12911 Sunset Ave Ocean City, MD 21842

Via email: brian@ocsunsetmarina.com

Re: Agency Interest Number: 32426 Tracking Number: 202361562 Tidal Authorization Number: 24-WQC-0007

Dear Brian Tinkler:

Your project did not qualify for approval under the Maryland State Programmatic General Permit (MDSPGP); therefore a separate review and issuance of the federal permit will be required by the U.S. Army Corps of Engineers. <u>The federal permit is not attached.</u>

Additionally, your project required a Tidal Wetlands Permit to be approved and issued by the Maryland Department of Environment (MDE). <u>The Wetland Permit will be sent to you by MDE's Wetlands and Waterways Program.</u>

A project that does not qualify for approval under the MDSPGP requires an individual Water Quality Certification (WQC) to be issued by the Maryland Department of the Environment, which is attached. Please take a moment to read and review your WQC to ensure that you understand the limits of the authorized work and all of the general and special conditions.

You should not begin any work until you have obtained all necessary State, local, and federal authorizations. Please contact Robert M Simmons at robertm.simmons@maryland.gov or 410-901-4044 with any questions.

Sincerely,

Tammy Roberson

Tammy K. Roberson Chief Tidal Wetlands Division



STATE OF MARYLAND DEPARTMENT OF THE ENVIRONMENT WATER AND SCIENCE ADMINISTRATION WATER QUALITY CERTIFICATION



24-WQC-0007

EFFECTIVE DATE: May 13, 2024 CERTIFICATION HOLDER: Marthas Landing LLC ADDRESS: 12911 Sunset Ave Ocean City, MD 21842 PROJECT LOCATION: 12806 Sunset Ave West Ocean City, MD 21842

UNDER AUTHORITY OF SECTION 401 OF THE FEDERAL WATER POLLUTION CONTROL ACT AND ITS AMENDMENTS AND IN ACCORDANCE WITH § 9-313 THROUGH § 9-323, INCLUSIVE, OF THE ENVIRONMENT ARTICLE, ANNOTATED CODE OF MARYLAND, THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER AND SCIENCE ADMINISTRATION HAS DETERMINED THAT THE REGULATED ACTIVITIES DESCRIBED IN THE REQUEST FOR CERTIFICATION FOR THE PROPOSED OC FISHERMAN'S MARINA DREDGING AND AS DESCRIBED IN THE ATTACHED PLAN SHEETS DATED OCTOBER 2023 AND ANY SUBSEQUENT MODIFICATIONS APPROVED BY THE DEPARTMENT WILL NOT VIOLATE MARYLAND'S WATER QUALITY STANDARDS, IF CONDUCTED IN ACCORDANCE WITH THE CONDITIONS OF THIS CERTIFICATION.

THIS CERTIFICATION DOES NOT RELIEVE THE APPLICANT OF RESPONSIBILITY FOR OBTAINING ANY OTHER APPROVALS, LICENSES, OR PERMITS IN ACCORDANCE WITH FEDERAL, STATE, OR LOCAL REQUIREMENTS AND DOES NOT AUTHORIZE COMMENCEMENT OF THE PROPOSED PROJECT. A COPY OF THIS REQUIRED CERTIFICATION HAS BEEN SENT TO THE CORPS OF ENGINEERS. THE CERTIFICATION HOLDER SHALL COMPLY WITH THE CONDITIONS LISTED BELOW.

PROJECT DESCRIPTION

- New dredge by mechanical method a 13,100 square foot area to a maximum depth of 5 feet at mean low water, a 40,000 square foot area to a maximum depth of 6 feet at mean low water, and a 8,700 square foot area to a maximum depth of 8 feet at mean low water and transport approximately 3,390 cubic yards of dredge material to an approved upland disposal site at Parcel 185, Friendship Road, Berlin in Worcester County;
- 2. Provide for subsequent maintenance dredging for a period of six years.

The Administration satisfied statutory and regulatory public notice requirements by placing this WQC on Public Notice from March 1, 2024 to April 1, 2024 on the Maryland Department of the Environment's Public Notice webpage and in the Worcester County Times on March 7, 2024.

GENERAL CONDITIONS

- 1. All water quality-related performance standards and conditions required by the Department in any state issued authorization for activities in tidal wetlands, nontidal wetlands, their 100-year floodplains, nontidal wetlands buffers, or nontidal wetland expanded buffers to ensure that any discharges will not result in a failure to comply with water quality standards in COMAR 26.08.02 or any other water quality requirements of state law or regulation shall be met.
- 2. This Certification does not obviate the need to obtain required authorizations or approvals from other State, federal or local agencies as required by law.
- 3. All additional authorizations or approvals, including self-certifying General Permits issued by the Department, shall be obtained and all conditions shall be completed in compliance with such authorizations.
- 4. The proposed project shall be constructed in accordance with the approved final plan by the Department, or, if Department approval is not required, the plan approved by the U.S. Army Corps of Engineers, and its approved revisions.
- 5. All fill and construction materials not used in the project shall be removed and disposed of in a manner which will prevent their entry into waters of this State.
- 6. This Certification does not authorize any injury to private property, any invasion of rights, or any infringement of federal, state, or local laws or regulations.
- 7. Authorized representatives of the Department shall be provided access to the site of authorized activities during normal business hours to conduct inspections and evaluations of the operations and records necessary to assure compliance with this Certification.
- 8. No stockpiles of any material shall be placed in Waters of the U.S. or state or private tidal wetlands.
- 9. Temporary construction trailers or structures, staging areas and stockpiles shall not be located within tidal wetlands, nontidal wetlands, nontidal wetlands buffers, or the 100-year floodplain unless specifically included on the Approved Plan.
- 10. This Certification is valid for the project identified herein and the associated U.S. Army Corps of Engineers authorization NAB-2023-61562 (Martha's Landing, LLC) until such time that it expires or is not administratively extended.

SPECIAL CONDITIONS

- 1. All Critical Area requirements shall be followed and all necessary authorizations from the Critical Area Commission ("Commission") shall be obtained. This Certificate does not constitute authorization for disturbance in the 100-foot Critical Area Buffer. "Disturbance" in the Buffer means clearing, grading, construction activities, or removal of any size of tree or vegetation. Any anticipated Buffer disturbance requires prior written approval, before commencement of land disturbing activity, from local jurisdiction in the form of a Buffer Management Plan.
- 2. All work performed under this Water Quality Certificate shall be conducted by a marine contractor

licensed by the Marine Contractors Licensing Board (MCLB) in accordance with Title 17 of the Environment Article of Annotated Code of Maryland. Licensing by MCLB shall occur prior to the beginning of construction activities. A list of licensed marine contractors may be obtained by contacting the MCLB at 410-537- 3249, by e-mail at MDE.MCLB@maryland.gov or by accessing the Maryland Department of the Environment, Environmental Boards webpage.

- 3. The issuance of this Certificate is not a validation or authorization by the Department for any of the existing structures depicted on the plan sheets on the subject property that is not part of the authorized work description, nor does it relieve the Certificate Holder of the obligation to resolve any existing noncompliant structures and activities within tidal wetlands.
- 4. The Certificate Holder shall transport all dredged material in watertight trucks. No dredged material shall be discharged onto the roadways of the State.
- 5. The Certificate Holder shall dispose of dredged material only at the dredge disposal site approved by this Water Quality Certification. The Certificate Holder shall submit an application for modification of the Certificate to MDE for approval of any dredge disposal site not authorized within the Certificate.
- 6. The Certificate Holder shall conduct subsequent maintenance dredging within the scope of this license in terms of authorized dredge area and authorized depths. The Certificate Holder shall:
 - a. Dredge no more than 500 cubic yards of material at each maintenance dredging.
 - b. Comply with all applicable conditions of this license.

c. Submit a detailed dredged material disposal plan to be approved by the Water and Science Administration, Tidal Wetlands Division prior to the start of dredging.

d. Notify and receive approval from the Water and Science Administration, ComplianceProgram a minimum of 10 days prior to the start of each maintenance dredging operation.e. The Certificate Holder shall stake the dredge area and receive approval from the Water andScience Administration's, Compliance Division prior to the start of dredging.

- 7. The Certificate Holder shall conduct a post dredge bathymetric survey and forward to the Water and Science Administration, Tidal Wetlands Division within 45 days after the termination of any phase of dredging.
- 8. The Certificate Holder shall conduct maintenance dredging within the scope of this Certification in terms of authorized dredged area, volume of material and authorized depths.
- 9. Due to juvenile summer flounder, the Certificate Holder shall perform no in-water work between April 1 and June 30 of any year.

CITATIONS AND STATEMENTS OF NECESSITY

1. Statement of Necessity for General Conditions 1, 2, 3, 4, and Special Conditions 1, 3: These conditions are necessary to ensure that water quality standards are met, and designated uses are maintained.

Citations: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR

26.08.02.10G(3); COMAR 26.23.02.06; COMAR 26.17.01; COMAR 26.23; COMAR 26.24

2. Statement of Necessity for General Conditions 5, 8, 9: Fill or construction material within or adjacent to regulated resources may cause discharges resulting in turbidity in excess of water quality standards and interfere with designated uses of growth and propagation of fish, other aquatic life, wildlife; and other designated uses; and fail to meet general water quality criteria that waters not be polluted by substances in amounts sufficient to be unsightly or create a nuisance.

Citation: 26.08.02.03B(1)-B(2); COMAR 26.23; COMAR 26.24; COMAR 26.17.04

3. Statement of Necessity for General Condition 6: This condition is necessary to clarify the scope of this certification to ensure compliance with water quality regulations, without limiting restrictions through other requirements.

Citation: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08, COMAR 26.08.02.10E; COMAR 26.23.02.06; COMAR 26.17.04; COMAR 26.23; COMAR 26.24

4. Statement of Necessity for General Condition 7: Conditions of certification involve precise actions to comply with water quality standards. Site inspection may be necessary to ensure that limits, methods, and other requirements are met to ensure that water quality standards are met and designated uses are maintained. These conditions are necessary to ensure that the activity was conducted, and project completed according to terms of the authorization/certification, while allowing for review of in-field modifications which may have resulted in discharges to ensure that water quality standards were met. Designated uses include support of estuarine and marine aquatic life and shellfish harvesting and for growth and propagation of fish, other aquatic life, and wildlife.

Citation: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.03B(1)(b); COMAR 26.08.02.03B(2); COMAR 26.23.02.06; COMAR 26.23; COMAR 26.24; COMAR 26.17.04

5. Statement of Necessity for General Condition 10: This condition is necessary to qualify the period of applicability of the terms and conditions of this Certification to be protective of Maryland water quality standards.

Citations: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; 40 C.F.R. 121, 15 C.F.R. 930, Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.17.04; COMAR 26.23; COMAR 26.24

6. Statement of Necessity for Special Condition 2: Expertise for conducting certain activities is required to ensure that there is no violation of water quality standards nor interference with designated uses. This condition is necessary to ensure that discharges will be conducted in a manner which does not violate water quality criteria nor interfere with designated uses.

Citation: COMAR 26.08.02.02B(2)- B(4); COMAR 26.08 02.03B(2)(d) - (e); COMAR

26.08.02.03B(1)(b); 26.08.02.03B(2); COMAR 23.02.04.04

7. Statement of Necessity for Special Conditions 4, 5, 6: Unauthorized discharges may enter regulated waters as result of activity or structural failure. A plan to address inadvertent discharges will prevent or address further violations of water quality standards and failure of water to meet designated uses, including uses of growth and propagation of fish, other aquatic life, wildlife; and other designated uses; and fail to meet general water quality criteria that waters not be polluted by substances in amounts sufficient to be unsightly or create a nuisance.

Citation COMAR 26.08.02.02B(1)d; COMAR 26.08.02.02B(3); COMAR 26.08.02.03B(1) and B(2); 26.08.02.01B(2); 26.08.02.02B(1)

8. Statement of Necessity for Special Condition 7: The condition is necessary to ensure that the dredging results in water depths which are appropriate to support designated uses of fishing and water contact recreation and propagation of fish, other aquatic life and wildlife; and ensure that no discharges are unsightly, create a nuisance, change to an objectionable color or interferes with designated uses.

Citations: COMAR 26.08.02.01B(2); COMAR 26.08.02.02B(1); 26.08.02.02B(3); COMAR 26.08.02.03B

9. Statement of Necessity for Special Condition 8: The limits on the scope of maintenance dredging are necessary to ensure that no discharges would violate water quality standards and designated uses for water clarify, turbidity, growth and propagation of fish, other aquatic life, and wildlife; and water contact recreation.

Citations: COMAR 26.08.02.02B(1)(d); COMAR 26.08.02.02B(3); COMAR 26.08.02.03B

 Statement of Necessity for Special Condition 9: A time of year restriction is necessary to maintain the designated use for support of estuarine and marine aquatic life and shellfish harvesting. Citation: Federal and state laws which authorize this condition include but are not limited to:

COMAR: 26.08.02.02B(1)(d); 26.08.02.02B(3); COMAR 26.08.02.02-16.

CERTIFICATION APPROVED

D. Lee Currey, Director

Water and Science Administration

Tracking Number: 202361562 Agency Interest Number: 32426

Effective Date: May 13, 2024

- Enclosure: Plan Sheets dated October 2023
- cc: WSA Inspection & Compliance Program Army Corps of Engineers

5/15/2024

Date





DATUM COMPARISONS SCALE: NONE

DATUM COMPARISONS WERE OBTAINED FROM NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) INFORMATION INTERPOLATED FROM STATION ID# 8570283 - PID: HU0267. PROJECT DESCRIPTION:

Maintenance Dredge the existing manmade marina basin as shown and noted below and dispose of the dredge spoil to an approved upland location in watertight trucks.

Depth (MLW)	Area (sf)	Volume (cy)
-5.0	13,100	775
-6.0	40,000	1,900
-8.0	8,700	715
TOTAL	61,800	3,390



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	OC FISH PROPO 12806 S WES	HERMAN'S OSED DRI SUNSET A T OCEAN	& MARINA EDGING VENUE CITY	Ą	APPLICANT: FOR APPLICATION PURPOSES - NOT FOR CONSTRUCTION MARTHA'S LANDING RESORT LLC ATTN: BRIAN TINKLER 12911 SUNSET AVENUE OCEAN CITY, MD 21842
LOCATION: W WATERWAY: O(WATER DEPTH N REFERENC	EST OCEAN C HARBOR, MEASUREMENT ED TO MLW	CITY HARBO SINEPUXENT S: 8/8/2023 4:30 P.M.	R BAY T. P G	NO SAV'S AX MAP: 27 ARCEL: 447 & 655 RID: 13 DTS: 78, 94, 96 & 97	J. STACEY HART & ASSOCIATES, INC.
JOB NUMBER: 2023-047	SCALE: NONE	SHEET NO: 1 of 5	DATE: 10/2023	REVISED: N/A	SNOW HILL, MD 21863 PHONE: 410-390-8096 EMAIL: stacey@jstaceyhart.com











SEDIMENT AND EROSION CONTROL NOTES

1. Prior to the start of work, the Contractor is to obtain County approval of any proposed plan changes and sequence of construction, specifically relating to installation, inspection, maintenance and removal of erosion and sediment control measures. 2. Sediment control measures are not to be removed until the areas served have established vegetative cover, or with the permission of the Worcester or

- MDE Sediment Control Inspector. 3. When pumping sediment laden water, the discharge must be directed to an approved sediment trapping measure prior to release from the site.
- 4. All temporary stockpiles are to be located within areas protected by sediment control measures, and are to be temporary stabilized.
- 5. All sediment control dikes, swales, basins and flow lines to basins will be temporarily seeded immediately upon installation to reduce the contribution to
- sediment loading. 6. Disposal of excess earth materials on State or Federal property requires MDE approval, otherwise materials are to be disposed of at a location approved by the local authority.
- 7. Temporary soil erosion control and sediment control measures are to be provided as per the approved plan prior to grading operations. Location

adjustments are to be made in the field as necessary. The minimum area practical shall be disturbed for the minimum possible time. 8. If grading is completed out of a seeding season, graded areas are to be temporarily stabilized by mulch and mulch anchoring. Mulch material shall be unweathered, unchopped small grain straw spread at the rate of 1 1/2 to 2 tons per acre. Mulch anchoring to be accomplished by an approved method, use of a mulch anchoring tool is recommended where possible

- 9. Implementation of the sediment control plan shall be in accordance with "2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control" of the Department. 10. The Contractor is responsible for implementation and maintenance of the approved plan, and all other measures necessary to control, filter, or prevent
- sediment form leaving the site. 11. In case where stormwater management structures as a part of site development, removal of sediment control structures may not be accomplished

before the contributing drainage area to the stormwater management structure is stabilized. Also, proper dewatering of the sediment from the site. 12. On sites where infiltration techniques are utilized for the control of stormwater, extreme care must be taken to prevent all runoff from entering the

structure during construction.

- 13. Sediment control for utility construction in areas outside of designed controls: (a) Excavated trench material shall be placed on the high side of the trench.
- (b) Immediately following pipe installation the trench shall be backfilled, compacted and stabilized at the end of each working day. (c) Temporary silt fence, straw bale dikes, or stone check dams shall be placed immediately downstream of any disturbed area intended to remain disturbed longer than one working day.
- 14. All points of construction ingress and egress shall be protected to prevent tracking of mud onto public ways.
- 15. Following initial soil disturbance or redisturbance, permanent or temporary stabilized shall be completed within a. Three (3) calendar days as to the surface of all perimeter dikes, swales, ditches, perimeter slopes, and all slopes greater than 3 horizontal
- to 1 vertical (3:1); and b. Seven (7) days as to all other disturbed or graded areas on the project site not under active grading. The requirements of Section G-20 (Vegetative Stabilization) do not apply to those areas which are shown on the plan and are currently being used for material storage or for thos areas on which actual construction activities are currently being performed or to interior areas of a surface mine site where the stabilization material would contaminate the recoverable resource. Maintenance shall be performed as necessary to ensure that the stabilized areas continuously meet the appropriate requirements of the "2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control".
- 16. Stabilization of all disturbed areas are to meet the requirements of the "2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control - Section G-20 Vegetative Stabilization".

TEMPORARY SEEDING SUMMARY

SEED MIXTURE (HARDINESS ZONE <u>7B</u>) From Table B.1			* FERTILIZER RATE (10-10-10)	* LIME RATE		
No.	Species	Application Rate (lb/ac)	Seeding Dates	Seeding Depths		
1	Annual Ryegrass	40	2/15 to 4/30 8/15 to 11/01	1/2"	600 lb/ac (15 lb/1000 sf)	2 ton/ac (100 lb/1000 sf)

PERMANENT SEEDING SUMMARY	

	HARDINESS ZO SEED MIXTUR	HARDINESS ZONE (from Figure B.3): <u>7B</u> SEED MIXTURE (from Table B.3): <u>7B</u>			[*] FERTILIZER RATE (10-20-20)			[*] LIME RATE
No.	Species	Application Rate (lb/ac)	Seeding Dates	Seeding Depths	N	P 0 2 5	K20	
1	Tall Fescue Perennial Ryegrass White Clover	40 25 5	3/01 to 5/15 8/15 to 10/15	1/4" to 1/2"	45 lb/ac (1.0 lb/ 1,000 sf)	90 lb/ac (2.0 lb/ 1,000 sf)	90 lb/ac (2.0 lb/ 1,000 sf)	2 tons/ac (90 lb/ 1,000 sf)
2	Switch Grass Creeping Red Fescue Partridge Pea	10 15 4	3/01 to 5/15 8/15 to 10/15	1/4" to 1/2"	45 lb/ac (1.0 lb/ 1,000 sf)	90 lb/ac (2.0 lb/ 1,000 sf)	90 lb/ac (2.0 lb/ 1,000 sf)	2 tons/ac (100 lb/ 1,000 sf)
3	Hard Fescue Perennial Ryegrass Flatpea	20 10 15	3/01 to 5/15 8/15 to 10/15	1/4" to 1/2"	45 lb/ac (1.0 lb/ 1,000 sf)	90 lb/ac (2.0 lb/ 1,000 sf)	90 lb/ac (2.0 lb/ 1,000 sf)	2 tons/ac (100 lb/ 1,000 sf)

7. The inspection agency shall be notified upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made; and approval shall be requested upon final stabilization.

The fertilizer and lime rates listed above are meant for a one time application, at the time of seeding

18. At a minimum as each lot is developed sediment and erosion constrol will include but not limited to a construction entrance, silt fence as needed and protection of the nearest storm drain inlet.

19. Lots developed by individuals and/or developers other than those certifying this plan will require that the new owner will be responsible for securing appropriate sediment erosion control approval. At a minimum, the new owner/developer will need to include a construction entrance, silt fence as needed and protection of the closest storm drain inlet in an approved sediment erosion control plan.

20. Approved plans remain valid for 2 years from the date of approval, with the exception of surface mine and landfill plans which remain valid for 5 years from the date of approval, unless specifically extended or renewed by the approval authority. 21. A Maryland Department of Environment Notice of Intent (NOI) General Permit for Construction Activity is required for all construction activity in

Maryland with a planned disturbance of 1 acre or more. 22. As mandated by the Notice of Intent (NOI) general permit issued by the Maryland Department of the Environment (MDE), an inspection must be performed onsite of all sediment controls on a weekly basis and after every rainfall event. All self-inspections must be maintained along with all applicable governing agency inspection reports in a log book, to be kept onsite at all times.

OWNERS CERTIFICATION

I, THE UNDERSIGNED CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION, OR DEVELOPMENT, OR ALL OF THESE, WILL BE DONE PURSUANT TO THIS PLAN AND THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, AND FURTHER AUTHORIZE THE RIGHT OF ENTRY FOR PERIODIC ON-SITE EVALUATION BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT OR THEIR AUTHORIZED AGENTS. RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATION AT A DEPARTMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION.

WHALEY BRI PRINTED NAME

410-422-3529 PHONE NUMBER

DEVELOPERS CERTIFICATION

. All phases of stormwater management calculations, structure design and construction will adhere to current Maryland standards and specifications for stormwater management and the stormwater management plan for this site. I authorize the right of entry for periodic on-site evaluation by the Worcester County stormwater management inspector.

- 2. All information set forth in this plan accurately conveys this site's conditions to the best of my knowledge.
- . All structural devices for stormwater management will be protected by property soil erosion and sediment control devices until all contributing areas have passed final stabilization inspection.

. UPON COMPLETION OF THE PROJECT, AN AS-CONSTRUCTED SURVEY, NOTICE OF CONSTRUCTION COMPLETION (NOCC), AND LETTER OF CERTIFICATION MUST BE SUBMITTED TO THE DEPARTMENT, EXCEPT INDIVIDUAL SINGLE FAMILY DWELLINGS. ONCE REVIEW IS COMPLETE AND APPROVED, A CERTIFICATE OF OCCUPANCY CAN BE ISSUED.

DETAIL C-3 PERIMETER DIKE/SWALE 1 FT MIN. _____3 FT MIN._____ 6 IN MIN 1 FT MIN. EXISTING -CROSS SECTION <u>PLAN VIEW</u> SEED AND MULCH AND TACK (DRAINING < 1 ACRE) NOT ALLOWED FOR CLEAR WATER DIVERSION.) SEED WITH SOIL STABILIZATION MATTING OR LINE WITH SOD (DRAINING BETWEEN 1 AND 2 ACRES) COMPACT FILL. PROVIDE OUTLET PROTECTION AS REQUIRED ON APPROVED PLAN. U.S. DEPARTMENT OF AGRICULTURE URAL RESOURCES CONSERVATION SERVICE 2011 DETAIL E-1 SILT FENCE 6 FT MAX. CENTER TO CENTER 8 IN MIN. DEPTH **ELEVATION** 36 IN MIN. FENCE POST LENGTH POST 18 IN MIN WOVEN SLIT FILM-GEOTEXTILE A MIN. OF 16 IN INTO THE GROUND EMBED GEOTEXTILE MIN. OF 8 IN VERTICALLY OTH SIDES OF GEOTEXTILE CROSS SECTION STEP 1 STAPLE-STAPLE--STAPLE TWIST POSTS TOGETHER STAPLE -STAPLE-JOINING TWO ADJACENT SILT FENCE SECTIONS (TOP VIEW)

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WHALEY BRITTINGHAM PRINTED NAME 410-422-3529 PHONE NUMBER

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