



**DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS  
NORFOLK DISTRICT  
803 FRONT STREET  
NORFOLK, VA 23510-1011**

CENAO-ZA (1125-2-304b)

6 December 2024

**COMMANDER'S POLICY MEMORANDUM NUMBER WRD-01**

**SUBJECT: Deposition of Dredged Material and use of the Craney Island Dredged Material Management Area, Norfolk Harbor, Virginia**

**1. References:**

- a. River and Harbor Act of 24 July 1946
- b. River and Harbor Act of 3 March 1899, Section 14
- c. 33 USC 408
- d. Technical Report, EL 81 -11, Development of a Management Plan for Craney Island Disposal Area, December 1981
- e. Engineer Manual, EM 385-1-1, U.S. Army Corps of Engineers, Safety and Health Requirements Manual, 15 March 2024
- f. EPA/USACE, Evaluation of dredged material proposed for discharge in waters of the U.S. – Testing Manual. EPA-823-B-98-004, Washington, D.C., 1998
- g. U.S. Army Corps of Engineers, "Evaluation of dredged material proposed for disposal at island, nearshore, or upland confined disposal facilities – Testing Manual," Technical Report ERDC/EL TR-03-1, U.S. Army Engineer Research and Development Center, Vicksburg, MS, 2003

**2. Purpose:** To prescribe and govern the use of the United States Government Property at the Craney Island Dredged Material Management Area (CIDMMA) for the purposes set forth in the River and Harbor Act of 24 July 1946 and Section 14 of the River and Harbor Act of 3 March 1899 and 33 United States Code 408.

**3. Description of the United States Government Property and Facilities:**

- a. General Description: The CIDMMA is comprised of a dredged material placement area approximately 2,500 acres in size, the adjacent waters extending approximately 1,000 ft from the shoreline, a rehandling basin with access channels extending to the Norfolk Harbor Channel, a berthing area with a sheet-pile bulkhead facility and access channel, armor stone breakwaters, concrete rubble shore protection, approximately

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twelve miles of paved and un-paved roads, administrative office building, mechanic shop, engineer equipment storage building, and other storage and maintenance facilities.

b. Confined Dredged Material Placement Area: The confined dredged material placement area is a trapezoidal area covering approximately 2,500 acres. The site is enclosed by a perimeter dike and divided into three sub-containment areas by two division roads/dikes. Each sub-containment cell is provided with two primary spillways located near the west dike, each having four 36-inch discharge pipes. The spillways are regulated by use of stop-log weir boards that are manually placed in the spillway.

c. Rehandling Basin and Appurtenances: The rehandling basin and its appurtenances are located to the east of the placement area. The basin is 1,100 feet by 1,400 feet and 40 feet deep when empty. The basin is for the deposit of dredged material from dump scows. It is connected to Norfolk Harbor 50-foot channel by diagonal approach and exit channels normally 200 feet wide and 18 feet deep, which are marked by centerline visual ranges.

d. Berthing Area and Bulkhead Facilities: A steel sheet pile bulkhead provides berthing space approximately 300 feet long parallel at the west end of the rehandling basin. A dredged channel with minimum depth of 7 feet, 60 feet wide flared to 300 feet at the bulkhead, marked by a centerline visual range, connects with the northwesterly corner of the rehandling basin. This facility is for Government use only, unless otherwise approved by the Chief, Craney Island Project Office.

#### 4. General Policies for Use of the Craney Island Dredged Material Management Area:

a. Authorized Users: The CIDMMA is for the use of all private interests, municipalities and Government agencies accomplishing dredging to support navigation in Norfolk Harbor and adjacent waters. It is intended for the deposit of navigation material dredged from those areas in accordance with House Document No. 563 of the 79th Congress as enacted by the River and Harbor Act of 1946. Navigation-related dredged material is defined as bottom sediments or materials that have been dredged or excavated from the maintenance or construction of navigation channels, anchorages, port facilities including access channels, berths, wharves, piers, docks, or other navigation improvements that support water-borne commerce or national defense. The discharge of dredged material that is dredged or excavated for the purpose of improvement of water, power, flood control, municipal and industrial water supply, abatement of pollution, irrigation, wildlife, recreation, or materials from upland areas will

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not be permitted. Material dredged for non-navigation related transportation projects (i.e. bridges, tunnels, etc.) will not be accepted unless the material meets the Craney Island Screening criteria and of a quality needed at CIDMMA for dike construction.

b. Required Permits, Certificates, and Licenses:

(1) Regulatory Permits, Section 408 Permission, and Water Quality Certificates: For Non-Corps projects, each dredging and placement project shall be authorized by a current Department of the Army (DA) permit under Section 10 of the Rivers and Harbors Act of 1899, 33 U.S.C. § 403 (Section 10) and/or Section 404 of the Clean Water Act, 33 U.S.C. §1344 (Section 404) and Section 408 permission under Section 14 of the Rivers and Harbors Act of 1899, 33 U.S.C. 408 (Section 408), granted by the District Commander. Non-Corps projects must have a Clean Water Act Section 401 water quality certification (WQC) or waiver from the Commonwealth of Virginia, Department of Environmental Quality (DEQ), a DA Section 10 and/or Section 404 permit, and a Section 408 permission, as appropriate. Possession of a WQC, DA Section 10/404 permit, and Section 408 permission does not constitute final authorization to use the CIDMMA (see paragraph (3) NAO Form 66 below). For Corps of Engineers Federal navigation projects, a Section 401 WQC or waiver must be obtained from the DEQ certifying that the projects are compliant with Section 401 of the Clean Water Act.

(2) Department of the Army Real Estate License: Prior to using any of the upland Government property or facilities, the permittee or its designated contractor must obtain a Department of the Army Real Estate License for the use of the CIDMMA Government property. If a contractor is performing the work on behalf of the permittee, the contractor must obtain the Department of the Army Real Estate License and be fully responsible for compliance with all conditions set forth in the license. Use of the Craney Island Rehandling Basin does not require a real estate license.

(3) NAO Form 66: Prior to each deposit of dredged material, the permittee shall request to use the CIDMMA in writing with submission of NAO Form 66 which is included with issuance of the Corps permit. Furthermore, the user shall request a pre-work meeting with the Chief, Craney Island Project Office. The user may not proceed with any activities on the Government property prior to fulfilling all the conditions specified and directed in this policy.

c. Toll Charges for the Use of the CIDMMA: Pursuant to requirement of the Federal legislation which authorized construction of the Craney Island placement area and facilities, the party, or parties, including Government agencies, accomplishing

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placement shall pay an equitable unit toll charge for each cubic yard of material deposited in the rehandling basin or in the placement area. Copies of all records of scow measurement, before and after dredging surveys, all records of scow measurement, and computations, shall be furnished to the District Commander. Before and after dredge surveys will be required on all projects; scow measurements will only be accepted on a case-by-case basis on smaller dredging projects. The rates are established at amounts which will cover amortization of the facilities used, plus operations, maintenance, and rehandling costs. If changes in the rates become necessary during the life of the permit, the permittee will be notified of the changes and the effective date thereof. In addition to the payment of tolls, the permittee shall pay the Government the actual cost of supervision and inspection and placement as provided in the permit issued for the work.

d. Government Facilities: The equipment, buildings, and facilities located on the U.S. Government property are for Government use only. The user is responsible for furnishing all equipment, utilities, or other items necessary for operations on the Government Property.

e. Security, Gate Access, and Motor Vehicles:

(1) The CIDMMA is a secure Government facility, and the user will be issued sufficient entry key cards for access to the contractor electric gate. The user is responsible for establishing and maintaining a key lock box at the entry gate and instructing all the contractor's employees and vendors on the use of the lock box and the correct access procedures. The user is responsible for ensuring only authorized employees and vendors are given access to the premises. The contractor is responsible for maintaining a current roster of authorized employees and vendors that are granted access.

(2) The user is responsible for ensuring that all motor vehicles operated by the contractor, the contractor's employees and/or vendors have at least the minimum liability insurance required by the Commonwealth of Virginia or the state in which the vehicle is registered, whichever is greater. A contractor employee vehicle log, to include owner, make, model, and license plate of vehicle, shall be provided to the Craney Island Project Office.

(3) The user shall ensure that the contractor's employees and/or vendors have a valid picture identification always when on the premise that is issued by a state or Federal agency.

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(4) The maximum speed limit on Craney Island is 25 mph. Vehicle operators shall take roadway conditions, weather, lighting, and proximity to other users under consideration to operate vehicles safely.

(5) All company owned vehicles and construction equipment shall be clearly marked to identify the owner of said vehicle / equipment.

f. Safety and Accident Prevention and Reporting:

(1) The user will comply with the U.S. Army Corps of Engineers Safety and Health Requirements Manual (EM 385-1-1).

(2) The user will ensure compliance with the provisions of this clause by sub-contractors and vendors.

(3) The user shall take such action as may be just, reasonable, and necessary for the protection of his employees, vendors, and others while engaged in operations within the premises. This will specifically include adopting recognized safe practices, supplying, and maintaining equipment in safe operating condition, all necessary personal protective equipment, proper guarding of all hazardous equipment and compliance with all pertinent safety regulations

(4) All safety incidents, including near misses and mishaps, must be reported to the USACE. Users under USACE contracts shall immediately report to the Contracting Officer Representative the Safety and Occupational Health Specialist according to EM 385-1-1, ER and EP 385-1-99. All users, including those not under USACE contract, will submit accident reports to the Chief, Craney Island Project Office, in accordance with EM 385-1-1, ER and EP 385-1-99.

g. Condition of the Craney Island Dredged Material Management Area: The user acknowledges that they have inspected the Government property, knows its condition, and understands the same is granted for use without any representations or warranties whatsoever and without any obligation on the part of the United States

h. Protection of Government Property: The user shall keep the premises in good order and in a clean, safe condition by and at the expense of the permittee. The user shall be responsible for any damage that may be caused to the property of the United States by the activities of the grantee under this license and shall exercise due diligence

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in the protection of all property located on the premises against fire or damage from all other causes. Any property of the United States, including but not limited to, dikes, roads, drainage facilities, erosion and sediment control measures, bulkhead facilities, and vegetation, damaged or destroyed by the user, incident to the exercise of the privileges herein granted shall be promptly repaired or replaced by the user to a condition satisfactory to said officer, or at the election of said officer, reimbursement made therefore by the user in an amount necessary to restore or replace the property to a condition satisfactory to said officer.

i. Restoration of Government Property: On or before the date of the expiration of the permit, or immediately upon completion of the dredging project for which the license was issued, or termination by the permittee, the user shall vacate the premises, remove the property of the user, including but not limited to dredge pipeline, pontoons, waste containers, equipment of every type, sheds, containers, and other property, and restore the premises to a condition satisfactory to said officer. If, however, the permit is revoked, the user shall vacate the premises, remove said property and restore the premises to the aforesaid condition within such time as the District Engineer may designate. In either event, if the user shall fail or neglect to remove said property and restore the premises, then, at the option of said officer, the property shall either become property of the United States with compensation thereof, or said officer may cause the property to be removed and no claim for damages against the United States or its officers or agents shall be created or made on account of such removal and restoration work. The user shall also pay the United States on demand any sum which may be expended by the United States after the expiration, revocation, or termination of this license in restoring the premises.

j. Sediment and Erosion Control: The user shall employ all appropriate sediment and erosion control measures for all disturbed land as set forth in the most current edition of the Virginia Erosion and Sediment Control Handbook. The user shall provide oversight of all land disturbing activities and have at least one currently certified "Erosion and Sediment Control Responsible Land Disturber." The user shall maintain such inspection reports and documentation as set forth in the Virginia Erosion and Sediment Control Law and Regulations.

k. Waste Management and Control: The user shall identify and employ sufficient commercial-type waste containers to accommodate all waste generated by their

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operations. Such containers shall be emptied as they become filled. The storage or containment of any type of hazardous materials on the Government property is specifically prohibited. Hazardous waste should be removed from the site immediately.

l. Spill Prevention and Cleanup: The user shall have a spill prevention control and countermeasure plan plus sufficient spill cleanup provisions to respond to any spill incidental to their operations. The user should have the minimum fuels, lubricants, and other materials needed to perform their operation. All liquids shall be provided with secondary containment in accordance with EM 385-1-1. Any spills should be immediately cleaned up, placed in suitable containers, removed from the Government property, and reported to the Chief, Craney Island Project Office.

m. Environmental Compliance and Protection:

(1) The user shall comply with any laws, regulations, conditions, or instructions affecting the activity on the Government property, when issued by the Environmental Protection Agency, or any Federal, state, interstate or local governmental agency having jurisdiction to abate or prevent pollution. The disposal or storage of any toxic or hazardous materials within the premises is specifically prohibited. Such regulations, conditions, or instructions in effect or prescribed by said Environmental Protection Agency, or any Federal, state, interstate, or local governmental agency, are applicable to the use of this Government property. The user shall not discharge waste or effluent from the premises in such a manner that the discharge will contaminate streams or other bodies of water or otherwise become a public nuisance.

(2) Discharge of Water from the Primary Spillways: The permittee or contractor shall operate the primary spillway of the designated containment area in accordance with the conditions of the Corps of Engineers permit and in full compliance with this regulation. If the user is unable to meet all the aforesaid conditions, they must immediately suspend the placement of dredged material or inflow in the designated containment area and take all necessary and prudent actions to restore the discharge of water to the conditions specified in the permit and regulation. The contractor shall manage the discharge of water from the dredging project until such time as the water levels in the containment area are returned to the pre-dredging condition unless the Facility Manager releases the contractor from this requirement.

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(3) Protection of Endangered and Threatened Species: The user shall observe the premises to determine the presence of endangered, threatened, and protected species, nesting areas, and/or areas marked with bird restriction signs. If any such species are observed or if any areas are so marked with signs, the user will take every action to avoid the area and advise all personnel under their charge of the presence of the endangered, threatened, or protected species.

n. Historic Preservation: The user shall not remove or disturb, or cause or permit to be removed or disturbed, any historical, archeological, architectural, or other cultural artifacts, relics, remains or objects of antiquity. In the event such items are discovered on the premises, the user shall immediately notify the Chief, Craney Island Project Office, and protect the site and the material from further disturbance until given clearance to proceed.

o. Contractor Equipment and Material Identification. The user shall clearly mark their onsite equipment and materials so that the ownership can be identified by the Government and other users of the facility.

## 5. Procedures for Placing Dredged Material in the CIDMMA:

### a. General Procedures:

(1) The use and operation of the CIDMMA shall be in accordance with procedures and practices described in this regulation. In general, dredged material may be placed at the CIDMMA using the following methods: direct placement by pipeline from use of a hydraulic dredge, direct placement by hydraulic pipeline from a barge re-handler pump, bottom dumped by scow/barge in the re-handling basin and off-loaded into the re-handling basin from a scow/barge using a clamshell or other mechanical unloading method. The method used shall be in full compliance with conditions of the permit. Dredged material shall not be transported to or from the CIDMMA by truck or other conveyance over public highways. Truck haul operations to or from the facility will require approval from the Norfolk District Commander.

(2) Character of Dredged Material: The character of dredged material to be placed at the CIDMMA shall meet all requirements under the CWA and shall be acceptable to the District Commander. Discharges that violate applicable water quality standards are prohibited. The District Commander may require the permittee to test material being placed for contaminants in accordance with the EPA document EPA-823-



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B-98-004, dated February 1998, "Evaluation of Dredged Material Proposed for Discharge in Waters of the U.S. -Testing Manual" and USACE document ERDC/EL TR-03-1, dated January 2003, "Evaluation of dredged material proposed for disposal at island, nearshore, or upland confined disposal facilities – Testing Manual." These manuals are commonly referred to as the Inland Testing Manual (ITM) and Upland Testing Manual (UTM), respectively. The ITM and UTM contains technical guidance for determining the potential for contaminant-related impacts associated with the discharge of dredged material and procedures to evaluate impacts from potential contaminant migration pathways from confined placement of dredged material. The need for testing will be determined on a project-specific basis based on the materials potential to be contaminated and considering available existing information to make a preliminary determination. Sampling and testing plans and results shall be coordinated with the Norfolk District Regulatory and Operations Branches prior to commencement of dredging and placement operations. Determinations of dredged material suitability will be made based on application of legal standards under Section 404 of the CWA and consideration of contaminant-related impacts to human health and facility operations. The discharge of petroleum-impacted dredged materials greater than 500 ppm Total Petroleum Hydrocarbon (TPH) is not permitted at CIDMMA. The user is responsible for placing only dredged material that meets CWA and facility requirements. The users will be required to remove any "unsuitable" or prohibited materials from the placement area at their own costs.

(3) Quantity Measurement: Quantities of material dredged and placed in the Craney Island Rehandling Basin and/or the Craney Island Placement Area will be furnished by the permittee. Before and after dredging hydrographic surveys and yardage calculations shall be performed and certified by an independent professional engineer or land surveyor licensed in the Commonwealth of Virginia. For local survey and tidal datum information, the permittee can contact the Norfolk District Navigation and Survey Section at (757) 201-7125. All survey maps and calculations will conform to recognized professional standards and be sent to the District Commander.

(4) Pipeline Operations: The use of shore pipe shall be kept to the minimum necessary to discharge the dredged material in the assigned confined placement area. All shore pipes shall be identified with the contractor's name painted in 12 inches by 12 inches letters every 25 feet. Dredge pipelines shall be brought ashore at the closest point practicable to the assigned placement area. The assembly, mobilization, repair, or other work to floating or submerged pipeline is not permitted on the CIDMMA. The user shall submit a sketch of the proposed shore pipe route to the Chief, Craney Island

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Project Office, for review and approval. The pipeline route for shore pipe shall be inspected and photographed prior to beginning work and shall be restored to the pre-work conditions upon completion of dredging operations. Any land disturbing activities associated with the placement and movement of shore pipe shall be managed in accordance with procedures and practices shown in the Virginia Erosion and Sediment Control Handbook and Paragraph 4.j. of this regulation.

(5) Pipeline Road Crossings: Unless otherwise directed by the Chief, Craney Island Project Office, all pipeline road crossings will be constructed as follows: the user shall create a sufficient earthen ramp over the pipe at road/dike crossings or may have to trench pipe at heavy vehicle crossings. Immediately upon completion of dredging and placement operations, the pipeline shall be removed, the ramp removed, or trench backfilled, compacted, and graded to the finish grade of the road. Material excavated for trenches shall be neatly stockpiled adjacent to the road crossing to be used for backfilling when the pipeline is removed. A temporary by-pass road may be required during the construction of the road crossing. The user is responsible for all work necessary to construct and remove the road crossing, including any necessary traffic control measures, by-pass roads, or other necessary features, and the costs thereof. Any land disturbed during the construction of a road crossing shall be managed in accordance procedures and practices shown in the Virginia Erosion and Sediment Control Handbook.

b. Confined Dredged Material Placement Procedures:

(1) General Procedures: The three sub-containment cells of the confined dredged material management area shall receive material by direct pump-out method from hopper dredges, barge rehandling units, and material deposited by hydraulic pipeline dredge directly from work sites or from the rehandling basin. The user will ensure that the assigned containment cell and spillways are used in accordance with the procedures and conditions described below and that the dredging operations will be suspended whenever the conditions and limits shown are exceeded.

(2) Water Quality Sampling and Testing: Testing of the water quality will be in compliance with the contract or permit; the user will be responsible for performing all required testing. It is the user's responsibility to operate the spillways in a manner which helps achieve the goal of releasing only clarified supernatant (water) from the spillways into the receiving waters. In addition to any testing required under Federal and Commonwealth of Virginia permits, users of the placement area shall visually check the effluent a minimum of six times per day at each operating spillway, approximately once

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every 4 hours. If at any time it is visually apparent that effluent other than clarified water is being released from CIDMMA, immediate action shall be taken by the user at that spillway to stop the release and to reduce the amount of suspended solids in the effluent by increasing the retention time. The release of effluent from the spillway can resume after there is a sufficient depth of clarified ponded water in front of the spillway. Effluent total suspended solids (TSS) samples shall be taken as often as required by the permit, but at least twice daily at the weir crest of each operating spillbox, once approximately every twelve hours. The user must maintain a daily average TSS concentration of less than 500 mg/l. The daily average shall be calculated for each 24-hour period, noon to noon. The 'less than' 500 mg/l TSS concentration is a threshold limit and is not a TSS target or goal. The target or goal is to release only clarified water from the spillways. If the daily average effluent TSS concentration is 500 mg/l or greater, the user must immediately contact the Chief, Craney Island Project Office, and cease inflow into and outflow from CIDMMA.

(3) Measurement of TSS Concentration: The TSS concentration of the effluent shall be determined by a photometric method using a Hach DR 900 Colorimeter, model #93851-00, program 94 "Suspended Solids", or an approved equal. Effluent water

samples shall be taken with a 1,000 ml wide-mouth polyethylene bottle (Nalgene 2104-0032 or equal). The specified equipment provides for real time measurement of TSS concentration; therefore, the user shall perform the TSS measurement in the field immediately after each effluent sampling is accomplished.

(4) Records and Reports: The user shall enter the results daily of all visual monitoring and results of all effluent water quality sampling into a web-based electronic reporting system maintained by the Norfolk District. The user will be issued a distinct username and password to access and enter data into the electronic reporting system. Hard copy records of visual monitoring and results of all effluent water quality sampling shall be documented and provided daily to the Chief, Craney Island Project Office. These records shall be retained by the Craney Island Project Office for a minimum of 2 years; however, maintenance of these records is the ultimate responsibility of the permittee. At a minimum, the following information shall be documented: date and time, test location, flow state (flow / no-flow over weir), test result, action taken, and name of person conducting the test. Additionally, the user shall document each visual monitoring period. At a minimum, the following information shall be documented: date and time, monitoring location, flow state (flow / no-flow over weir), water quality state (clarified water visually apparent / not visually apparent), if clarified water is not visually apparent,

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the user shall perform and document results of TSS testing, number of weir sections discharging, approximate depth of flow over weir crest, action taken, and name of person conducting the monitoring.

(5) Spillway Maintenance: Spillways shall be well maintained with the boards at the correct level. Spillways shall be managed to ensure adequate ponding depth for effective sedimentation and managed to maximize use of the available effective weir length ensuring that only the clarified supernatant flows over the weir crest. Dredged material placement operations shall be managed to ensure that a minimum of 3 feet of freeboard, measured at the minimum containment dike elevation, is always maintained. The Chief, Craney Island Project Office, shall be notified immediately when freeboard drops below 4 feet.

(6) Material dredged by hydraulic method shall be pumped directly into such portion of the placement area as may be designated by the Chief, Craney Island Project Office. Dredged material placed by hydraulic method may not exceed a rate of 22,500 cubic yards in a 24-hour period. The user may request higher production rates if it can be demonstrated or determined that effluent water quality will be maintained. Depending on the duration and the amount of material being dredged, the discharge pipe may be required to be moved during the dredging cycle. Dikes shall be constructed, raised, extended, and maintained by the user to contain the materials as directed by the Chief, Craney Island Project Office. The floating and submerged discharge lines shall not unreasonably interfere with navigation, and the shore pipe shall be used as described in Paragraph 5.a. (3) and Paragraph 5.a. (4), above.

(7) Required Personnel: The user will be responsible for operating (including monitoring and required testing) all assigned spillways 24 hours a day, 7 days a week, including holidays, while working at the CIDMMA, even during down times on the dredge. In the event that the water heights at the dikes rapidly increase, or the available freeboard falls below 3 feet, the CIDMMA Facility Manager shall be notified immediately. The normal working hours at the CIDMMA are between 7:00 a.m. and 3:30 p.m., Monday through Friday, except federal holidays. The user shall have two shore operators present after normal operating hours, weekends, and holidays in case of a medical emergency or accident. During normal working hours, one person with a telephone or radio is acceptable. During dredging operations, the user shall:

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(a) Maintain Minimum Freeboard Depth Requirements: Maintain a minimum of 3-foot freeboard or stop dredging until freeboard of 3 feet can be maintained. Both wind and rain can affect the freeboard height. Users of the CIDMMA will be responsible for repairs to the CIDMMA damaged by improper use.

(b) Suspend Operations When TSS Limits Are Exceeded: Sample effluent as specified in paragraph 5. c. (4) and 5.c. (5); and stop dredging when limits are exceeded.

c. Rehandling Basin Placement Procedures:

(1) The user shall exercise reasonable caution in moving their equipment to and from the rehandling basin and in mooring their tugs and scows when conducting operations at the CIDMMA

(2) The rehandling basin is to receive dredged materials such as mud, silt, clay, sand, shell, marl, etc., and composites thereof, that can later be re-handled by hydraulic pipeline dredge into the placement area.

(3) Debris or other material that cannot be handled by a hydraulic pipeline dredge will not be dumped in the rehandling basin nor will it be placed in the CIDMMA. All debris shall be removed from the CIDMMA and placed in a licensed landfill.

(4) When encountering debris during dredging, dredged material deposited into the Craney Island Rehandling Basin will pass through a debris grid. The maximum opening of the grid size shall be 12-inches by 12-inches that covers the entire loading area of the dump scow. All dredged material that does not pass through the grid will be considered solid debris and shall be disposed offsite of CIDMMA. The permittee/contractor will provide all necessary equipment, dumpsters, and labor to remove the debris from the CIDMMA. The user shall coordinate all operations with the Chief, Craney Island Project Office, before starting dredging. No stockpiling of debris on, or near, the CIDMMA bulkhead will be allowed.

d. Berthing and Bulkhead Facilities: The Chief, Craney Island Project Office, will determine the procedures for the use of the berthing and bulkhead facilities by the user. The bulkhead facilities shall be always maintained in a clean and safe condition by the authorized users. The bulkhead may be used to transfer materials on and off floating plant and vessels but in no case will it be used for storage of materials. The storage or

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holding of hazardous materials is specifically prohibited. Use of this area by the permitted user for storage of equipment or materials will not be allowed. The user shall, at their expense, repair any damage to the bulkhead caused by the user's activities.

SONNY B. AVICHAL, PE  
COL, EN  
Commanding