FY-2026

ITEM NO: 099-001PH

REVISED: 27 NOV 2024

CATEGORY: I

1. SCOPE:

1.1 Title: Waste Generated on Government Property, including Satellite Accumulation area (SAA), Managing and Disposing of Hazardous Waste (HW) and non-HW; accomplish

1.2 Location of Work:

1.2.1 Throughout the Shipyard.

1.3 Identification:

1.3.1 Not Applicable.

2. REFERENCES:

2.1 Standard Items

2.2 40 Code of Federal Regulations (CFR), 260 thru 265

2.3 Hawaii Administrative Rules (HAR), Title 11

2.4 OPNAVINST, 5090.1E

2.5 Department of Defense Instruction, 4715.15

2.6 40 Code of Federal Regulations (CFR), 761

2.7 40 Code of Federal Regulations (CFR), 171 thru 173

2.8 49 Code of Federal Regulations (CFR), Subtitle B

2.9 Local Standard Item 099-03PH, Additional Environmental Requirements

3. REQUIREMENTS:

3.1 Manage waste generated and disposal during accomplishment of work under the cognizance of Pearl Harbor Naval Shipyard and Intermediate Maintenance Facility (PHNSY & IMF) located on Joint Base Pearl Harbor Hickam (JBPHH) using 2.1 through 2.9 as guidance.

3.1.1 General refuse sent to H-POWER. Hazardous Material (HM), Hazardous Waste (HW), empty HM or HW containers, compressed gas cylinders, propane tanks, ordnance, and munitions must not be sent to H-POWER for disposal.

3.1.1.1 Do not use government trash or refuse containers.

3.1.2 Identify each waste type not subject to a specific exclusion or exemption from the regulations of 2.2 and characterized in accordance with 2.3.

3.1.3 All waste must have a documented waste determination prior to generation and subsequent disposal in accordance with 2.2.

3.1.4 Provide a sampling plan inclusive of each waste type in accordance with chapter 7 of 2.4, if utilizing a commercial analytical laboratory.

3.1.4.1 Sampling plan must include the laboratory certificate of accreditations with the Environmental Protection Agency (EPA),

test methods for each waste determination, and disposal process.

3.1.4.2 Laboratory must meet ISO/IEC 17025:2005, General Requirements for the Competence of Testing and Calibration Laboratories.

3.1.4.3 Laboratory must be accredited for each test method in accordance with 2.5 by the Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP); or by a nationally recognized laboratory accreditation body compliant with ISO/IEC 17011:2004, Conformity Assessment- General Requirements for Accreditation Bodies Accrediting Conformity Assessment Bodies (e.g., National Environmental Laboratory Accreditation Program (NELAP).

3.1.4.4 Laboratory must demonstrate the ability to generate acceptable results from analysis of each proficiency testing sample using each applicable method in the specified matrix.

3.1.4.5 Sampling Plan must include duties and levels of authority assigned to personnel on the job site who will perform sampling, training and certifications.

3.1.4.6 Sampling activities must have a documented quality system meeting the requirements of ANSI or ASQ E4-2004 in accordance with 2.4.

3.1.4.7 Submit one legible copy, in approved transferrable media, of the sampling plan to the SUPERVISOR 7 days prior to the Availability start date.

3.1.5 Notify the SUPERVISOR 48 hours prior to sampling, except in the case of sanitary collection holding tank systems.

3.1.5.1 Notify the SUPERVISOR 7 days prior to sampling sanitary collection holding tank systems.

3.1.5.2 Accomplish sampling and laboratory analysis in accordance with 2.2 and characterized in accordance with 2.3.

3.1.5.3 Seal each inlet and outlet opening on each receiving conveyance vehicle and each holding tank using serialized metal security “CAR” seals upon completion of sampling.

3.1.5.4 Prevent additions or depletions of its contents.

3.1.5.5 Accept financial responsibility if any additions or depletions occur to contents or transfers are made to another holding tank which will invalidate the analytical results and will require re-sampling.

3.1.6 Accomplish waste management from the point of generation until accepted at the Hazardous Waste Facility (HWF) or authorized for commercial disposal.

3.1.7 Provide approved Department of Transportation (DOT) packing containers, label, and package in accordance with 2.8.

3.1.7.1 Containers must be in good condition (i.e. no dents, corrosion, or missing components) that is compatible with each Hazardous Waste (HW) (i.e. open head drum for solids, bung type drum for non-corrosive liquids, and plastic lined drums for corrosive liquids and solids).

3.1.7.2 Waste must be properly segregated and not be combined or consolidated with waste generated from different processes.

3.1.8 Segregate and store each HW and non-HW from useable material.

3.1.9 Request to acquire a Hazardous Waste Satellite Accumulation Area (HWSAA) permit to store waste at or near the point of generation by submitting a completed Attachment A and required training certificates in accordance with paragraph 3.3.2 of 2.9 to the SUPERVISOR 5 working days prior to collecting any HW.

3.1.10 Manage the HWSAA in accordance with Attachment B.

3.1.10.1 Properly mark each container as required per Attachment B.

3.1.10.2 Post and maintain the approved HWSAA permit in a neat legible manner at the SAA site.

3.1.10.3 Store only waste listed on the HWSAA Permit.

3.1.10.4 Accomplish HWSAA inspections weekly and annotate results on Attachment C.

3.1.10.5 Maintain each completed copy of Attachment C at the HWSAA site in a neat legible manner, and readily available for inspection.

3.1.10.6 May accumulate up to a total volume of fifty-five (55) gallons of HW, or a total of one quart of acute HW in accordance with 40 CFR 261.33 (e).

3.1.10.7 Immediately mark each container with the date the volume limit was reached.

3.1.10.8 Properly label, handle, and transport each container to HWF within 3 calendar days for subsequent sampling, manifesting and disposal.

3.1.10.9 Manifested and dispose of HW within 90 days of being transported to HWF.

3.1.11 Submit one legible copy, in hard copy or approved transferrable media, of completed Attachment D with applicable Safety Data Sheet for each waste type being turn-in to HWF.

3.1.11.1 Transport HW to HWF in the Controlled Industrial Area (CIA) daily.

3.1.11.2 Coordinate delivery of HW with HWF during normal working hours at 473-8000, ext. 4580 or ext. 4878, 24-hours prior to delivery.

3.1.11.3 HWF normal working hours of operation are Monday through Friday (excluding Federal holidays) between the hours of 7:00 a.m. to 2:00 p.m.

3.1.11.4 Improperly characterized waste turned in to HWF and is later determined to be Non-RCRA must be retrieved from HWF and disposed of properly.

3.1.11.5 Obtain written authorization from Code 106.3 prior to removing HW and non-Resource Conservation and Recovery Act (RCRA) from JBPHH.

3.1.12 Remove each fluorescent bulb prior to removing light ballast

fixture.

3.1.12.1 Package each fluorescent bulb in a strong sturdy box to avoid breakage.

3.1.12.2 Turn in each fluorescent bulb and a completed Attachment D to HWF.

3.1.12.3 Fluorescent light ballasts that cannot be proven to be Polychlorinated Biphenyls (PCB) free must be managed as regulated PCB waste in accordance with 2.6.

3.1.13 Submit one legible copy, in hard copy or approved transferrable media, of completed Attachment E to the SUPERVISOR no later than 3 working days prior to establishing a Temporary PCB Storage area.

3.1.13.1 The temporary storage area must have a PCB "Mark ML" on each side.

3.1.13.2 Waste must be stored in a DOT container reflective of the amount of waste expected to be generated and capable of protecting the waste from the weather.

3.1.13.3 Non-DOT container may be used upon written approval from Code 106.3.

3.1.13.4 Mark each container with PCB mark ML, generating project identification, company name, out of service date (OSD) (mm/dd/yy), and type of waste, e.g. felt gaskets, personal protection equipment, paint chips.

3.1.13.5 Transfer waste to HWF during normal working hours within 25 calendar days from the OSD.

3.2 Manage Non-Regulated Waste generated and disposal during accomplishment of work under the cognizance of Pearl Harbor Naval Shipyard and Intermediate Maintenance Facility (PHNSY & IMF) located on Joint Base Pearl Harbor Hickam (JBPHH) using 2.1 through 2.9 as guidance

3.2.1 Dispose of Non-RCRA waste streams in accordance with all federal, state, and local laws and regulations, unless otherwise directed by the SUPERVISOR.

Fuel Products	Sandblast Grit
Construction Debris	Empty HM Containers
Excavated Soil	Aqueous Film-Forming Foam (AFFF)
Excess Materials	Oily Water (except for Used Oil as defined by 40 C
Expired Materials	Sanitation Waste, waste water and related personal

3.2.2 All other Non-RCRA waste must be turned in to the HWF.

3.2.2.1 Transport Non-RCRA waste to HWF in the Controlled Industrial Area (CIA).

3.2.2.2 Coordinate delivery of Non-RCRA waste with HWF during normal working hours at 473-8000, ext. 4580 or ext. 4878, 24-hours prior to delivery.

3.2.2.3 HWF normal working hours of operation are Monday through Friday (excluding Federal holidays) between the hours of 7:00

a.m. to 2:00 p.m.

3.2.2.4 Submit one legible copy, in hard copy or approved transferable media, of completed Attachment D with applicable Safety Data Sheet for each waste type being turn-in to HWF.

3.3 Submit one legible copy, in hard copy or approved transferrable media, of details of the waste, disposal process and requirements, written waste determination, sample analysis, SDS, waste disposal permits, landfill waste profiles, and transportation documents to the SUPERVISOR no later than 3 working days prior before removal from the JBPHH worksite. All waste manifests must be signed by the SUPERVISOR.

4. NOTES:

4.1 None.

FY-2026

ITEM NO: 099-002PH

REVISED: 27 NOV 2024

CATEGORY: I

1. SCOPE:

1.1 Title: Dry Dock Requirement; accomplish

1.2 Location of Work:

1.2.1 Throughout the Shipyard.

1.3 Identification:

1.3.1 Not Applicable.

2. REFERENCES:

2.1 Standard Items

2.2 Permit No. HI 0110230, National Pollutant Discharge Elimination System (NPDES)

2.3 Local Standard Item 099-01PH, Waste Generated on Government Property, including Satellite Accumulation area (SAA), Managing and Disposing of Hazardous Waste (HW) and non-HW

2.4 Local Standard Item 099-03PH, Additional Environmental Requirements

2.5 Local Standard Item 099-04PH, Industrial Wastewater/Oily Wastewater Disposal

3. REQUIREMENTS:

3.1 Maintain dry dock controls ensuring the dry dock is protected from unauthorized discharge directly onto the pier, into the storm drains, or into the harbor in accordance with 2.1 through 2.5.

3.2 Authorized discharges for cooling water, A/C condensate, seepage, and rain water to the harbor using the dry dock drainage system are strictly regulated in accordance with 2.2.

3.2.1 Obtain written concurrence from the SUPERVISOR for each authorized discharge.

3.2.2 Obtain written authorization from the SUPERVISOR for all other water being discharged into dry dock drains.

3.3 Personnel conducting maintenance activities within each dry dock must receive specific training in accordance with 2.4.

3.4 Perform daily inspections of the dry dock at the “end-of-daylight” hours and within 15 minutes of a rain event throughout the Availability in accordance with 2.2.

3.4.1 Document each inspection using Attachment A.

3.4.1.1 If no industrial work occurred, annotate “No Industrial Work Performed” for that specific date.

3.4.2 Submit one legible copy, in approved transferrable media, of the daily inspections for the month to the SUPERVISOR no later than 7-days after the end of the month.

3.5 Accomplish all work being performed dock side, including adjacent laydown and work areas using PHNSY&IMF's Storm Water Permit in accordance with 2.2.

3.5.1 Accomplish Best Management Practices (BMPs) to prevent pollutants such as solid waste, trash, industrial debris, rust, anodes, blasting media, etc. from entering the storm drain system and the harbor.

3.5.2 Protect storm drain openings by placing filter material in or around drains and around the work site to prevent contamination of rainwater runoff or entrance into the storm drain system.

3.5.2.1 Properly dispose of pollutants, including debris containing pollutants (e.g. lead, chromate, paint, etc.) in accordance with 2.3.

3.5.3 Provide measure to ensure nothing is discharged directly onto the pier, into the storm drains, or into the harbor. Non-storm water discharges are prohibited from entering the storm water system – unless specifically authorized in writing by SUPERVISOR as stated in 3.2.1 and 3.2.2.

3.5.4 Properly collect and dispose of all generated wastewater in accordance with 2.5.

3.5.5 Maintain dust control at all times throughout the availability, including non-working hours. Dust control from work performed must be sufficiently maintained and excavated material covered to protect from wind and rain at the end of the workday, or be removed from the site immediately to prevent material from entering the storm drains. Soil or similar materials must be covered at the end of the work day or sooner depending on the weather, placed in an appropriate site away from the waterfront, or stored in a manner that will prevent sediment from being washed or blown into the storm drains, e.g., using protective barriers. Erecting wind break barriers are effective dust control methods.

3.6 Stage all equipment, materials, and property within the designated lay-down plan authorized by the SUPERVISOR.

3.6.1 Label each equipment, material, and property (e.g. gas cylinders, forklifts, man lift, pallets of paints, sandblast or paint equipment, storage containers or connex boxes, temporary lighting, ventilation ducts, etc.) with company name, POC, and phone number.

3.6.2 Store materials in a manner that will not contribute pollutants to storm water runoff.

3.6.3 Cover materials exposed to the elements, including unpainted metal, with non-permeable material.

3.6.4 Keep moveable metal items more than 5 feet from storm drains.

3.7 Place all portable latrines in a secondary containment to prevent any sewage leaks or cleaning disinfecting solutions from entering the harbor by the dry dock storm drain system.

3.7.1 Secure each portable latrine on flat surfaces for stability to prevent tipping or falling over.

3.7.2 Place each latrine no less than 5 feet from storm drains or dry dock drain system.

3.7.3 Prevent spills when moving any latrine.

3.8 Only the ship’s hull and components attached to the hull in it's operational position are allowed to be hydroblasted and spray painted in the dry dock.

3.8.1 All other hydroblasting or spray painting operations must occur in designated areas with proper environmental controls in accordance with 2.4.

3.8.2 Obtain written approval from the SUPERVISOR before constructing a spray paint booth on government property.

3.9 After docking and prior to starting any work, accomplish an initial cleaning of the dry dock by washing down all silt and mud from the entire dock basin, troughs, and stairways with salt water into the dry dock drainage system.

3.9.1 Start from the head of the dry dock and work towards the caisson.

3.9.2 Remove and commercially dispose of all remaining debris from the basin.

3.9.3 Do not wash any debris into the sumps.

3.10 Notify the SUPERVISOR no later than 24 hours prior to the start of the underwater hull, fittings, rudder, propeller, and propulsion shaft rinse.

3.10.1 Accomplish the underwater hull, fittings, rudder, propeller, and propulsion shaft rinse with fresh water using dock pressure to remove salt, dirt and slime.

3.10.2 Contain, collect, sample, and dispose of all the rinse wastewater in accordance with 2.4 and 2.5.

3.10.3 Remove and dispose of commercially all solid debris. Do not wash debris into the sumps.

3.11 Maintain cleanliness of each dry dock at all times to prevent solids and debris from being washed into the dry dock drainage system.

3.11.1 Use brooms or a vacuum to clean.

3.11.1.1 Broom clean is defined as having little to no visible trash, debris, paint chip, or blast grit with no signs of oil or grease

3.11.2 Establish a leak-free containment to collect liquids if water washing the dock basin after initial cleaning of 3.9.

3.11.2.1 Maintain all water washing inside the containment.

3.11.2.2 Prevent water from entering the drain sump.

3.11.3 Collect and remove all solid wastes, including spent sandblast grit, scale, rust, zinc anodes, and other debris on the dry dock floor expeditiously from the dry dock floor no later than the end of each work shift.

3.12 Establish each containment to prevent any discharge, including hydroblast, sandblast, paint contaminants, and other industrial debris from entering the dry dock drain sumps.

3.12.1 Prevent any discharge residuals from the fire hose, main

testing water, drinking fountains, and sanitary wastes from entering the dry dock drainage system or onto the dry dock floor.

3.12.1.1 Discharge sanitary wastes, such as sewage from the vessel, to the sanitary sewer system.

3.12.2 Prevent releasing chemical solutions used for cleaning, flushing, or soaking operations onto the dry dock floor or dry dock floor sumps.

3.12.3 Fire retardant wood is required in the dry dock except when used in wet operations such as hydroblast containments.

3.13 Dry dock basin containment must be established between A+0 and A+10 days.

3.14 Accomplish the requirements of OO9-09 of 2.1, for establishment of each containment, including any barriers, to prevent entry of any contaminants (e.g. hydroblast and sandblast media, airborne spray paint mists, etc.) into the atmosphere, dry dock drainage system, and harbor, including for the disposal of hydroblast wastewater in accordance with 2.4 through 2.5. Procedure must include as a minimum, the following:

3.14.1 Provide a containment, including swimming pool style, constructed for capturing all by-products derived from hydroblasting operation and containment water-washing operations, including liquids. No leakage allowed.

3.14.1.1 Any mechanical equipment employed for hydroblasting operations must be contaminant free from previous operations

3.14.1.2 Thickness of the containment barrier must be able to withstand dry dock work operations, functions, and heavy weather conditions.

3.14.2 Collect, sample, and dispose of the hydroblast water and sandblast grit generated in accordance with 2.4 and 2.5.

3.14.3 Provide and maintain a ¼ inch by ¼ inch wire mesh screen covered with scotch foam or a comparable material for protection across each dry dock sump gratings, drain, and across each trough to collect any debris from entering the dry dock drainage system.

3.14.3.1 Inspect, clean, and maintain each mesh screen and scotch foam areas twice a week.

3.14.3.2 Document each inspection, include date and time.

3.14.3.3 Replace each mesh screen and scotch foam as necessary.

3.14.4 Process to ensure liquids captured within dam containment do not mix with liquids or materials from other dam contaminants within the dry dock.

3.14.4.1 Notify the SUPERVISOR no later than 24 hours of any co-mingling containment waste streams.

3.14.5 Process to prevent airborne contaminants (e.g. sandblast media, hydroblast media, paint, paint over-spray/mist, etc.) from landing on the dry dock floor outside of any containment area, alter flats on dockside walls, and wing-walls and from entering into the dry dock drainage system, the atmosphere, harbor, or on Government property.

3.14.5.1 Install temporary polypropylene “Environtarp 85%” or

similar material to shroud the entire work area from 15 feet below the topside of the dry dock to as high as necessary, to prevent the uncontrolled release of overspray during spray painting applications. The percentage of flow through of the tarp must ensure air borne contaminants cannot pass through.

3.14.5.2 Provide a sketch of each location.

3.14.5.3 Provide a drop cloth below the area being painted by brush or roller. Over-spray containment not required if applying paint coatings by brush or roller

3.14.5.4 Notify the SUPERVISOR when conducting spray painting operations in dry dock areas which are higher than 10 feet below the pier side of the dry dock.

3.14.5.5 Maintain broom sweep cleanliness inside of the entire containment barrier and any area where there is a potential for contamination to each dry dock sump twice a week unless it is being used as a hydroblast containment.

3.14.5.6 Identify which 2 days and the hour within the first shift of each week the broom sweep cleanliness will be accomplished.

3.14.6 Accomplish daily inspections to ensure the integrity of each containment barrier are maintained.

3.14.6.1 In the event the containment or barrier was damaged and contaminants are released into dry dock troughs or the atmosphere, stop work immediately and notify the SUPERVISOR verbally.

3.14.6.2 Repair each damaged containment or barrier.

3.14.6.3 Notify the SUPERVISOR to recertify containment integrity prior to resuming work.

3.14.7 Each contained area must be cleaned and free of all visible trash prior to disestablishing each containment.

3.14.7.1 Remove residual hydroblast water and industrial debris such as paint, paint chips, sandblast grit, dirt, oil and grease, etc. from the dry dock floor.

3.14.8 Accomplish a joint containment disestablishment cleanliness inspection to verify no visible sign of trash, water jet media or residuals, industrial debris, paint, paint chips, sandblast grit, dirt, oil, grease, material, and foreign objects are in the containment area.

3.14.8.1 Notify the SUPERVISOR no later than 24 hours prior to the start of the inspection.

3.14.9 Accomplish final cleaning of the entire dry dock basin, dry dock floor, dry dock troughs, dry dock blocks, wing-walls and dry dock stairs to remove all visible trash, water jet media or residuals, debris, paint, paint chips, sandblast grit, dirt, oil and grease, equipment, material, and other foreign objects, including dried paint over-spray prior to undocking.

3.14.9.1 Prevent contaminants from entering the dry dock drainage system.

3.14.9.2 Accomplish a joint dry dock final cleanliness inspection with the SUPERVISOR of the entire dry dock basin, including port and starboard trough areas ensuring no visible sign of trash, water jet media/residuals, debris, paint, paint chips, sandblast grit, dirt, oil, grease, equipment, material, foreign objects, and loose debris are to be in the dry dock basin.

3.14.9.3 Notify the SUPERVISOR no later than 24 hours prior to the start of the inspection.

3.14.10 Repair any damages from installing any containment to the dry dock floor, troughs, drainage grooves or walls to the condition it was in prior to returning the dry dock back to PHNSY&IMF.

4. NOTES:

4.1 None.

FY-2026

ITEM NO: 099-003PH

REVISED: 27 NOV 2024

CATEGORY: I

1. SCOPE:

1.1 Title: Additional Environmental Requirements; accomplish

1.2 Location of Work:

1.2.1 Throughout the Shipyard.

1.3 Identification:

1.3.1 Not Applicable.

2. REFERENCES:

2.1 Standard Items

2.2 29, Code of Federal Regulations - Labor

2.3 40, Code of Federal Regulations – Protection of Environment

2.4 49, Code of Federal Regulations – Transportation

2.5 2.5 Hawaii Administrative Rules (HAR), Title 11

2.6 5090.1E, OPNAVINST

2.7 Permit HI 0110230, National Pollutant Discharge Elimination System (NPDES)

2.8 Permit HI 112081, National Pollutant Discharge Elimination System (NPDES)

2.9 Permit HI 0110086, National Pollutant Discharge Elimination System (NPDES)

2.10 Permit 0105b-01-C, Covered Source

2.11 4715.15, Department of Defense Instruction

2.12 Local Standard Item 099-01PH, Waste Generated on Government Property, including Satellite Accumulation area (SAA), Managing and Disposing of Hazardous Waste (HW) and non-HW

3. REQUIREMENTS:

3.1 Manage environmental regulatory during accomplishment of work under the cognizance of Pearl Harbor Naval Shipyard and Intermediate Maintenance Facility (PHNSY & IMF) located on Joint Base Pearl Harbor Hickam (JBPHH) using 2.1 through 2.12 as guidance

3.1.1 Notify the SUPERVISOR immediately of any regulatory nonconformity.

3.1.2 Contact the SUPERVISOR for information to prevent each nonconformity specific to the operations being conducted at JBPHH.

3.1.3 Investigate each nonconformity cited in Notices of Violations (NOVs), Notices of Noncompliance (NONs), Corrective Action Report (CAR), or enforcement actions immediately.

3.1.3.1 Take immediate actions to remedy nonconformity.

3.1.3.2 Do not enter into any agreement with any regulatory agency without notifying and obtaining written approval by the SUPERVISOR.

3.1.3.3 Reimburse the Navy of each monetary fine and penalty assessed against the Navy as a result of noncompliance.

3.1.3.4 Submit the investigation report, detailing the nonconformance, remedial action taken, including each action to prevent recurrence to the SUPERVISOR within 3 calendar days of incident.

3.2 Provide an Environmental Protection Plan to include the following components: Management of Natural Resources Plan, Storm Water Management and Control Plan, Prevention of Releases into the Environment Plan, Spill Prevention, Control, and Countermeasure (SPCC) Plan, Waste Management Plan, Sampling Plan (if utilizing a commercial analytical laboratory), Clean Air Act Compliance Plan, Abatement Plan, Demolition Plan, and Surveillance Plan in accordance with 2.1 through 2.12.

3.2.1 Maintain the current version of each plan onsite.

3.3 Provide an Environmental Manager (EM) and Alternate Environmental Manager (AEM).

3.3.1 EM is responsible for ensuring all personnel, including each subcontractor, accomplishing work on JBPHH comply with Federal, State, and local requirements.

3.3.2 An officer of the company must sign a letter appointing the EM and each AEM.

3.3.2.1 The letter must name each person, including their title, state they are responsible for managing and implementing the Contractor’s Environmental Program, and validate each person has met the minimum environmental qualifications and training.

3.3.3 The EM or AEM must be on-site during work operations at all times.

3.3.4 The EM and AEM must have 5 years of environmental experience and training in the following areas:

3.3.4.1 Resource Conservation and Recovery Act (RCRA) management of hazardous waste.

3.3.4.2 Hazardous Waste Operations and Emergency Response (HAZWOPER).

3.3.4.3 Department of Transportation Hazardous Material.

3.3.4.4 Hawaii Administrative Rules (HAR), Clean Water Act, and Clean Air Act.

3.3.4.5 Compliance with all applicable Federal, state, and local environmental requirements including:

3.3.4.6 Clean Water Act in accordance with 2.7 through 2.9.

3.3.4.7 Hazardous Materials.

3.3.4.8 Solid & Hazardous Waste Management.

3.3.4.9 SPCC, oil and hazardous substance (OHS) pollution prevention.

3.3.4.10 Clean Air Act, National Emission Standards for Hazardous Air Pollutants (NESHAP) and Ozone Depleting Substances (ODS).

3.3.4.11 Toxic Substances Control Act (TSCA) for Polychlorinated Biphenyls (PCBs), lead and asbestos

3.3.5 The EM is responsible for Waste Management including,

3.3.5.1 Performing upfront characterization of waste prior to generation to ensure proper management, accumulation, handling and labeling.

3.3.5.2 Waste segregation and storage compatibility requirements.

3.3.5.3 Inspecting and managing waste accumulation areas.

3.3.5.4 Ensuring only authorized personnel add wastes to containers.

3.3.5.5 Ensuring personnel and each subcontractor are trained to obtain each representative sample, including utilization of proper sampling devices for specific sampling points and applying proper sampling techniques when collecting samples.

3.3.6 The EM is responsible for ensuring personnel and each subcontractor are properly trained to accomplish the work on JBPHH based on their position requirements.

3.3.7 The EM or AEM is responsible for reviewing and approving, in writing, all environmental documents submitted to the SUPERVISOR.

3.3.8 Maintain an Environmental Record Binder including training certification, qualification records, Environmental Protection Plan (EPP), and documented environmental surveillances. An EPP is not required if work is administrative in nature such as visual inspections, software installation, or gauge reading.

3.3.9 The Prime Contractor’s Project Manager, EM, and each AEM must complete ECATTS Environmental Brief before start of work.

3.3.9.1 Log into https://www.ecatts.com

3.3.9.2 Select “ACCESS ECATTS” and proceed to the login and registration page.

3.3.9.3 Create an account by typing “navfac” as the registration password in the “NEW USERS – Register Here.”

3.3.9.4 Fill out the Account Registration Form.

3.3.9.5 Select type of Contractor in the “Training Type” blank.

3.3.9.6 Select “Hawaii” as the Primary State where you will be working.

3.3.9.7 Once you receive account confirmation, log in and select “All Available Environmental Training.”

3.3.9.8 Select appropriate training, e.g., Naval Facilities (NAVFAC) Construction Contractor (Prime), NAVFAC Construction Subcontractor (Plumbing), Pearl Harbor Naval Shipyard, etc.

3.3.9.9 Complete all applicable training modules listed under appropriate job title.

3.3.9.10 Print the Certificate of Accomplishment and submit to the Government COR and SUPERVISOR prior to the start of work.

3.3.9.11 Ensure all personnel and subcontractors complete, including annual updates, the PHNSY&IMF Health, Safety and Environmental Brief via https://www.ecatts.com and provide a roster to the SUPERVISOR.

3.3.9.12 Submit the completed Environmental Checklist (Attachment A) to the SUPERVISOR upon completing the brief.

3.4 Submit one legible copy, in hard copy or approved transferrable media, of the EM and each AEM appointment letter, personnel qualification and training documents, and point of contact (POC) list to the SUPERVISOR within 48 hours of contract award.

3.4.1 Environmental Protection Plan General Information.

3.4.1.1 Present an overview of known or potential environmental issues that must be considered or addressed during the work.

3.4.1.2 POC list must include names, position titles, and emergency contact information; duties and levels of authority assigned to personnel on the job site who oversee environmental compliance

3.4.1.3 Plan showing the proposed activity and identify the areas of limited use or nonuse. Include measures for marking the limits of use areas, including methods for protection of features to be preserved within authorized work areas and methods to control runoff and to contain materials on site, and a traffic control plan.

3.4.1.4 Actions to be taken in the event of inclement weather (heavy rains, high winds, hurricanes, storms, tsunamis, etc.).

3.4.1.5 Management of natural resources (land resources, tree protection, fish and wildlife, historical, archeological).

3.4.1.6 Identification of portable and stationary internal combustion engines that will be supplied, used or serviced on site, comply with 2.3, 40 CFR 60 Subpart IIII, 40 CFR 60 Subpart JJJJ, 40 CFR63 Subpart ZZZZ and local regulations. At a minimum, include make, model, serial number, manufacturer date, size (horsepower), and EPA emission certification status of each engine. Maintain records and log hours of operation and fuel use. Logs must include reasons for operation and delineate between emergency and non-emergency operation.

3.4.2 Storm Water Management and Control Plan must include methods such as containment, plywood, drop-clothes to prevent foreign debris or overspray from sandblasting or painting operations from entering the dry dock drains, storm drains, or into the harbor and damaging government property including piers and the dry dock basin area.

3.4.3 Prevention of Releases into the Environment Plan must include method to exercise due diligence to prevent, contain and respond to spills or releases of oil and hazardous substances, hazardous waste, sewage, gases, or other chemicals.

3.4.4 Sampling Plan must be in accordance with 2.12.

3.4.5 Abatement Plan (e.g., asbestos, lead if applicable).

3.4.6 Surveillance Plan must include a documented inspection or surveillance and oversight program.

3.4.6.1 Provide a knowledgeable person to accompany the SUPERVISOR on periodic surveillance of operation to validate compliance.

3.4.6.2 Provide access to each operation and all records related to environmental compliance.

3.4.6.3 Remedy each noncompliance finding immediately.

3.4.6.4 Notify the SUPERVISOR to verify cleanliness inspection of work area upon completion of work to resolve any environmental discrepancies, including abandoned and unknown waste.

3.4.7 Spill or Release Prevention and Reporting must include methods to exercise due diligence to prevent, contain and respond to spills or releases of oil and hazardous substances, hazardous waste, or sewage.

3.4.7.1 Notify the SUPERVISOR and Regional Dispatch Center (RDC) at 911 regarding all spills of oil, hazardous substance, hazardous waste, fuel, sewage, gases or other chemicals within 15 minutes of each spill occurrence or discovery.

3.4.7.2 Notification must include date and time spill occurred or was discovered, specific substance spilled, spill volume (total spilled and amount in water), operation underway when spill occurred, description of spill (e.g., size, color and movement of spill on land and water), specific response actions taken or planned (e.g. personnel safety, source id, source control, containment, cleanup, volume recovered, disposal).

3.4.7.3 Notify the SUPERVISOR and RDC if some of the information is not readily available and will be provided with a subsequent update.

3.4.7.4 Conduct an investigation into the root cause (e.g., equipment failure or personnel error, failure to follow procedures, inadequate written procedures, training, equipment maintenance or supervision).

3.4.7.5 Identify each corrective action taken, or to be taken, that will prevent future spills.

3.4.7.6 Submit a draft report of the findings and corrective actions taken to the SUPERVISOR within 3 days of the spill, utilizing Attachment B.

3.4.7.7 Obtain SUPERVISOR concurrence with the findings and corrective actions prior to finalizing the spill report.

3.4.7.8 Provide and maintain spill cleanup equipment and materials at the worksite.

3.4.7.9 Take prompt action to stop, contain, isolate or otherwise limit the amount, duration and severity of the spill or release.

3.4.7.10 Notify the SUPERVISOR upon completion of the spill clean-up.

3.4.7.11 Be held responsible for the disposal costs and

associated handling and transporting costs for contractor-generated spills.

3.4.7.12 Complete an operator’s daily checklist prior to operating manlift or forklift equipment.

3.4.7.13 Identify and correct leaks or deterioration of hoses prior to operation of equipment.

3.4.7.14 Park each manlift or forklift over a drop cloth and away from nearby drains.

3.4.7.15 Stage spill kits within line-of-sight of manlift and forklift operations.

3.4.8 Provide a SPCC plan which must include applicable subcontractor's SPCC Plan in accordance with 2.3 to the SUPERVISOR prior to storing oil products during work on JBPHH. Plan must include;

3.4.8.1 Method of storing, transferring, or using oil products (e.g., diesel, gasoline, kerosene, used oil, hydraulic oil, lubricants, oily wastewater, etc.) in containers or equipment.

3.4.8.2 Implementation of appropriate spill prevention, control and countermeasure Best Management Practices (BMPs), and post emergency contact information on oil and oily waste containers or their storage areas.

3.4.8.3 Monitor each containment and berm.

3.4.8.4 Remove any accumulated rainwater in each open berm or containments

3.4.8.5 Inspect and document accumulated rainwater to determine no oil sheen present prior to draining.

3.5 Accomplish a physical inspection of the assigned lay-down area, including in the dry dock, documenting any pre-existing environmental discrepancies prior to the start of the availability.

3.5.1 Submit one legible copy of a report listing the results of the inspection of lay-down area to the SUPERVISOR, within 24 hours of completion. Negative reporting is required.

3.6 Maintain the work areas in the highest reasonable state of cleanliness consistent with the work performed.

3.6.1 Make every effort to prevent pollutants from entering storm drains and the harbor. Remove and properly dispose of all trash, industrial waste, mechanical or grinding debris at least once every shift or more frequently as required.

3.6.2 No maintenance of contractor-owned vehicle or equipment will be allowed on JBPHH.

3.6.3 Remove all materials and equipment immediately upon completion of work.

3.6.4 Retrieve and properly dispose of each item placed in an unauthorized government trash, refuse container, or receptacle.

3.6.5 Label with indelible ink all prime contractor and subcontractor’s equipment, material, and properties.

3.6.5.1 Label must include company’s name, name of personnel on-

sight, and working phone numbers.

3.6.5.2 Label all tanks, drums, containers, including empty ones, in accordance with all federal, state, and local rules and regulations.

3.6.6 Contact the SUPERVISOR for coordination and connection of all potable water connections.

3.6.6.1 Only PHNSY&IMF Temporary Services (Shop 99) personnel are authorized to make connections under the cross-connection control and backflow prevention program.

3.6.7 Accomplish washing or rinsing of equipment or personnel in an area designated for such purposes (i.e. a facility connected to the sanitary sewer system such as an approved sink) or over a self-contained area.

3.6.8 Provide a secondary containment, self-contained drip pan, drop cloth, or other affirmative means to prevent ground or dry dock floor contamination for receiving containers, all equipment including each manlift, forklift, crane, tanker truck, and during disconnecting or removing of each hose.

3.6.8.1 Secondary containments must be able to contain 110% of each container or tank capacity.

3.6.8.2 Provide and stage ample spill kits within close proximity of each storage, accumulation area, manlift, forklift, tanker truck, receiving container, and painting operation.

3.6.9 Maintain a minimum of 20 feet separation between fuel and oxygen cylinders when they are not in use within a 24 hour period.

3.6.9.1 Ensure all gas cylinders have proper plugs and caps.

3.6.10 Do not abandon any waste (i.e. hazardous, Non-RCRA, industrial, liquid, solid) on JBPHH.

3.6.11 Contain the spent debris and overspray during all sand blasting or painting operations in a way to prevent entry to the dry dock drains, storm drains, or into the harbor.

3.6.12 Accomplish the following to minimize the release of zinc, aluminum, or lead to the environment.

3.6.12.1 Stage and store all new and used zinc or aluminum anodes and lead ballast in a manner that prevents ground contamination and direct exposure to environmental elements while at or near the ship’s work site, including the topside or in the dry dock.

3.6.12.2 Keep the zinc or aluminum anodes and lead ballast entirely covered at all times when not in use.

3.6.12.3 Schedule all zinc or aluminum anodes and lead ballast work in a manner that limits the staging time near the ship within 5 consecutive calendar days.

3.6.12.4 Turn-in excess or unused zinc or aluminum anodes and lead ballast into the SUPERVISOR for use on other ships in a manner that prevents ground contamination and direct exposure of the anodes or lead ballasts to environmental elements.

3.6.12.5 Use a drop cloth in addition to any dry dock

containment drop cloth to contain debris or flakes that might break off and fall onto the ground when handling zinc or aluminum anodes and lead ballast.

3.6.12.6 Upon completion of work, carefully roll and wrap the drop cloth and place it in a totally enclosed container.

3.6.12.7 Place all contaminated Personal Protective Equipment (PPE) (tank suits, hoods, gloves, etc.) in the same container.

3.6.12.8 Broom-sweep clean the area as necessary and place broom swept debris in the same container.

3.6.12.9 Mark the container with indelible ink "Contaminated PPE Used to Remove Used Anodes/Lead Ballast." Below those words, identify the type of "used" anodes/lead ballast removed (i.e. "zinc", "aluminum", "lead ballast").

3.6.12.10 Place all used zinc or aluminum anodes and lead ballast in their own separate, totally enclosed container.

3.6.12.11 Place each container on a pallet to assist with transporting.

3.6.12.12 Contain all oxidized particles during collection, staging and transport of used anodes or ballast material and to keep each different waste stream separate.

3.6.12.13 Label each container with indelible ink "Recyclable Anodes" or "Recyclable Lead Ballast". Below those words identify the type of "used" anodes inside the container (i.e. "zinc" or "aluminum" or "lead ballast").

3.6.12.14 Coordinate and transport each container for turn-in at the Navy Recycle Center at building 159 within 5 calendar days of completing the anode or ballast work.

3.7 Notify the SUPERVISOR to accomplish a physical inspection of assigned lay-down areas after undocking and at the end of the availability to resolve any environmental discrepancies (e.g. abandoned and/or unknown material and/or waste, spills, etc.).

3.7.1 Submit one copy of report listing the results of the inspection identifying environmental discrepancies not related to the contractor to the SUPERVISOR, within 24 hours of completion. Negative reporting is required.

3.8 Class I and Class II Ozone Depleting Substances (ODS)

3.8.1 Return any recovered Class I and Class II ODS to the SUPERVISOR.

3.8.2 Label or use a marker affixed to each usable Heating, Ventilation, Air Conditioning and Refrigeration (HVAC&R) equipment, e.g., air conditioners, air compressors, and dehumidifiers that contains or potentially contains ODS with the following statement: "WARNING: CONTAINS (ODS CHEMICAL NAME) A SUBSTANCE WHICH HARMS PUBLIC HEALTH AND THE ENVIRONMENT BY DESTROYING OZONE IN THE UPPER ATMOSPHERE"

3.8.2.1 Examples of ODS chemical names are Chlorodifluouromethane (R-22) and Dichlorotetrafluoroethane (R-114).

3.8.3 Ensure the following for all scrap HVAC&R equipment that contains or potentially contains ODS:

3.8.3.1 Evacuate the refrigerant and compressor oil from the entire unit using an EPA-certified technician and certified recovery equipment in accordance with 2.2. (40 CFR 82.156(a)(3), Table 1 for appliances or 82.156(a)(4) for small appliances).

3.8.3.2 Install a permanent metal tag on the unit stating the words "REFRIGERANT AND OIL REMOVED PER (the work item number or applicable document)" along with "Name, Company or Ship and Date Refrigerant Recovered" or similar.

3.8.3.3 Provide a signed statement from the person turning in the equipment verifying all refrigerants have been recovered from the equipment.

3.8.3.4 Report any release, including accidental, of a refrigerant immediately to the SUPERVISOR and to RDC 911 in accordance with the Spill or Release Prevention and Reporting plan.

3.9 Manage the fluorescent lamp starters affixed to the metal light fixture as recyclable metal and must be turned in to the Navy Recycle Center at Building 159.

3.9.1 Remove the fluorescent lamps and PCB ballast from the fixture and turn them in to the Hazardous Waste Facility (HWF).

3.9.2 HWF is located in the Controlled Industrial Area (CIA).

3.9.3 HWF working hours are Monday through Friday (excluding Federal holidays) between the hours of 7:00 a.m. to 2:00 p.m. Phone: 473-8000, ext. 4580.

3.9.4 Place each starter removed from the fixture into a zip lock bag and label the zip lock “Recyclable metal (starter)”.

3.9.5 Turn-in to the Navy Recycle Center located at Building 159.

3.9.6 Do not dispose of the metal light fixture with the starter or the starter itself as general industrial trash.

3.10 Turn in each recyclable material, including corrugated cardboard and scrap metal to the Navy Recycle Center at Building 159.

3.10.1 Segregate ferrous metal and non-ferrous metal.

3.11 Remove all equipment, unused material, and trash from the project site when work is completed.

3.12 Smoking is only allowed in designated areas.

3.13 Do not bring any food or beverages, including coffee, soft drinks, chips, candy etc. aboard the ship or within the confinements of the dry dock except in areas designated in writing by the SUPERVISOR.

3.14 Suitably tag each equipment, material, ship component, including drums, containers, fire extinguishers, and oxygen/acetylene/gas cylinders being stored or in transit from the work area with the company’s name, contract number, ship’s name and the work item number.

3.15 Do not perform chipping, deck scaling and other actions which produce disturbing noise levels between 2000 hours and 0600 hours.

3.16 EM must ensure personnel including subcontractors bring only the

amount of hazardous materials (HM) that is necessary for the work being performed and the HM being removed from JBPHH does not meet the definition of hazardous waste.

3.16.1 Provide temporary storage container conforming to the requirements of NFPA for storage of all HM (e.g. flammable, combustible liquids, corrosives, oxidizers, etc.)

3.16.1.1 Do not use food containers to store HM.

3.16.2 Store HM and hazardous waste properly to prevent spills or releases into the environment.

3.16.3 Properly label and identify the product name, hazard warning, and precautionary statements for secondary or transfer containers of HM.

3.16.4 Store incompatible HMs in separate containers.

3.17 Accomplish the requirements of 009 -09 of 2.1 using Attachment C as a guide.

4. NOTES:

4.1 4.1 PHNSY&IMF Environmental Division SUPERVISOR POC

4.1.1 Director, OSHE Office Code 106 (808)473-8000 x4459.

4.1.2 Environmental Division Code 106.3 (808) 473-8000 x4465

4.1.3 Solid & Hazardous Waste Branch Code 106.31 (808)473-8000 x4580.

4.1.4 Environmental Compliance Branch Code 106.32 (808)474-9080.

4.1.5 Waterfront Environmental Branch Code 106.33 (808)474-9080.

FY-2026

ITEM NO: 099-004PH

REVISED: 27 NOV 2024

CATEGORY: I

1. SCOPE:

1.1 Title: Industrial Wastewater/Oily Wastewater Disposal; accomplish

1.2 Location of Work:

1.2.1 Throughout the Shipyard.

1.3 Identification:

1.3.1 Not Applicable.

2. REFERENCES:

2.1 Standard Items

2.2 Local Standard Item 099-01PH, Waste Generated on Government Property, including Satellite Accumulation area (SAA), Managing and Disposing of Hazardous Waste (HW) and non-HW

2.3 Permit HI 0110230, National Pollutant Discharge Elimination System (NPDES)

2.4 Permit HI 1120801, National Pollutant Discharge Elimination System (NPDES)

2.5 Permit HI 0110086, National Pollutant Discharge Elimination System (NPDES)

2.6 Local Standard Item 099-03PH, Additional Environmental Requirements

3. REQUIREMENTS:

3.1 Manage industrial waste generated and disposal during accomplishment of work under the cognizance of Pearl Harbor Naval Shipyard and Intermediate Maintenance Facility (PHNSY & IMF) located on Joint Base Pearl Harbor Hickam (JBPHH) using 2.1 through 2.6 as guidance.

3.2 Collect, sample, and properly dispose of industrial wastewater in accordance with 2.2 using 2.3 through 2.5 as guidance.

3.2.1 Provide measures to ensure nothing is discharged directly onto the pier, into the storm drain, or into the harbor. Non-storm water discharges are prohibited from entering the storm water system unless specifically authorized in writing by the SUPERVISOR.

3.3 Discharge sanitary waste into the sanitary sewer system in accordance with 2.5.

3.3.1 Accomplish handwashing in a facility connected to the sanitary sewer system in accordance with 2.5.

3.3.2 Dispose Vacuum Collection Holding and Transfer (VCHT) and Collection Holding Transfer (CHT) system waste off-site.

3.4 Flammable, toxic or hazardous materials must not be discharged directly into the sewer, including any solid or viscous pollutants which may cause obstruction to the flow in the sewer system.

3.5 Obtain written approval from the SUPERVISOR prior to importing,

using, or discharging each microbial product used to clean sewage or CHT systems at JBPHH.

3.5.1 Manage approved microbial products in accordance with 2.1 through 2.5.

3.5.2 Gamazyme 700FN must not be used in Hawaii.

3.6 Turn-in all wastewater anticipated to be hazardous waste to the Hazardous Waste Facility (HWF) at Building 1663 in accordance with 2.2.

3.7 Dispose off-site each wastewater with detergent.

3.8 Notify SUPERVISOR 24 hours prior to loading industrial wastewater into any conveyance vehicle or poly tank.

3.8.1 Clean and inspect each conveyance vehicle and holding tank ensuring the vehicle or holding tank is suitable for the wastewater.

3.8.2 Ensure tank is empty and visually free of debris, foreign materials, residual film, loose rust scale, dirt, liquids and/or other contaminants, and free of oily or chemical residue.

3.8.3 Properly label each holding container/tank with a label in accordance with 2.2.

3.8.4 Provide a signed copy of the Attachment A to the SUPERVISOR within 24 hours after the inspection.

3.9 Provide a secondary containment and spill kits in accordance with 3.6.8 of 2.6.

3.10 Accomplish wastewater transfers in a manner that prevents spills ashore, in harbor waters, on the pier, or on dry dock floors.

3.10.1 Verify positive connection of hoses.

3.10.2 Provide a tank watch during pumping operations.

3.10.3 Provide a receiving vehicle watch person with a means of constant communication (e.g. phone, walkie-talkie, etc.) with the source pump operator during wastewater transfers to monitor and prevent overfill of the receiving vehicle.

3.10.4 Collection tanks must be continuously monitored to ensure overfills and spills are prevented.

3.10.5 Take precautions to prevent spillage of residual liquid from hoses when disconnecting or removing hoses, and hose ends must be capped when not in active use.

3.10.6 Properly label each holding container and tank with a label in accordance with 2.2.

3.11 Immediately notify the Regional Dispatch Center (RDC) at 911 and the SUPERVISOR of all spills with any industrial wastewater or hazardous substance.

3.11.1 Immediately contain and clean up each spill that can be safely handled by the operator.

3.11.1.1 Notify RDC at 911 and SUPERVISOR immediately upon completion of the clean-up.

3.11.2 Manage each generated spill debris in accordance with federal, state and local laws and regulations.

3.11.3 Accept financial responsibility for all associated costs, including each applicable NAVFAC HI IWTC treatment and disposal service, sampling, and laboratory analytical service for each effluent from containment leak through and spill.

3.12 Obtain each representative sample as directed by the SUPERVISOR and in accordance with 2.2.

3.12.1 Provide 48-hour notice to the SUPERVISOR to schedule sample collection of industrial wastewater for analysis.

3.12.2 Collect and submit each sample to the SUPERVISOR, no later than 0900 hour on the same day sample was collected.

3.12.3 Allow 20 - 30 working days for government laboratory analytical services.

3.13 Request a batch discharge approval to discharge wastewater that met sewer limits into the sanitary sewer system from the SUPERVISOR.

3.13.1 Submit the wastewater analytical laboratory report, expected date and duration of the discharge, operational process information, manhole or scupper number, and estimated volume to be discharged to obtain a Batch Discharge Permit to the SUPERVISOR 3 days prior to the scheduled discharge date.

3.13.2 Discharge to the sanitary sewer system upon receipt of the Batch Discharge Permit and Batch Discharge Log from the SUPERVISOR.

3.13.3 Maintain a copy of the Batch Discharge Permit near the discharge site for inspection until the discharge has been secured.

3.13.4 Comply with each industrial wastewater limitations and Special Conditions noted on the Batch Discharge Permit.

3.13.5 Submit the completed Batch Discharge Permit and Batch Discharge Log with actual start and end dates, time, location of discharge, and volume of wastewater discharged to the SUPERVISOR within 24 hours upon the completion of discharge.

3.14 Request direction from SUPERVISOR to turn-in wastewater to NAVFAC Hawaii IWTC that does not meet sewer discharge limits.

3.14.1 Submit the wastewater analytical laboratory report, tank location, tank identification number, type of wastewater, process information, and estimated volume to be picked up to the SUPERVISOR 3 days prior to scheduled turn-in.

3.14.2 Ensure the tank is accessible for IWTC to pump out wastewater to tanker truck.

3.15 Notify the SUPERVISOR at the start of accumulating bilge water or oily wastewater.

3.16 Obtain direction from the SUPERVISOR to turn-in bilge water or oily wastewater to the Bilge and Oily Waste Treatment System (BOWTS).

3.16.1 Contents of each conveyance vehicle or holding tank must not contain 10% or greater of a petroleum product to be eligible for BOWTS pick up.

3.16.2 Conveyance vehicles or holding tanks that do not meet BOWTS requirements must be disposed of at the direction of the SUPERVISOR.

3.16.3 Maintain bilge water free of Aqueous Film Forming Foam

(AFFF), gray or black water sanitary waste, low flash point hydrocarbon, toxic or corrosive chemicals, paint, and any hazardous type substance.

3.16.4 Segregate and sample each contaminated or suspected to be contaminated bilge water from other bilge water batches. Secure each batch preventing additional bilge water is not added to the contaminated bilge water batch.

3.17 Accomplish each laboratory analysis by a Government laboratory or Government-approved laboratory designated by the SUPERVISOR.

4. NOTES:

4.1 None.

FY-2026

ITEM NO: 099-007PH

REVISED: 27 NOV 2024

CATEGORY: I

1. SCOPE:

1.1 Title: Radiological Fallout Controls; accomplish

1.2 Location of Work:

1.2.1 Throughout the Ship

1.3 Identification:

1.3.1 Not Applicable.

2. REFERENCES:

2.1 Standard Items

2.2 Brief, General Fallout Awareness Training

2.3 Report, Fallout Radiological Release Report by NSWCIHD Code R23

3. REQUIREMENTS:

3.1 Perform a General Awareness Training for all employees assigned to work onboard the ship in accordance with 2.2 before the availability start date.

3.1.1 Coordinate a mutually agreed upon date, time, and location for the General Fallout Awareness Training with the SUPERVISOR.

3.1.2 Submit one legible copy, in approved transferable media, of the General Fallout Awareness Training attendance roster to the SUPERVISOR prior to the start of the availability.

3.2 Do not remove or disturb components as interference unless specifically authorized by the government using 2.3 as a guide.

3.2.1 Submit one legible copy, in approved transferable media, listing the following information of each component that must be removed as interferences to the SUPERVISOR for approval prior to performing any work.

3.2.1.1 Identification and necessity of each component, include system, to be removed or disturbed.

3.2.1.2 Measures taken to protect the equipment from damage or contamination.

3.2.1.3 Alignment procedures and details for each test that will be accomplished to verify acceptability after reinstallation.

3.3 Conduct a pre-job brief for each work item, ensuring work force is aware of each interference removal approved in writing by the SUPERVISOR.

3.3.1 Submit one legible copy, in approved transferable media, of the pre-job brief attendance roster to the SUPERVISOR prior to the start of work item.

4. NOTES:

4.1 None.

FY-2026

ITEM NO: 099-008PH

REVISED: 27 NOV 2024

CATEGORY: I

1. SCOPE:

1.1 Title: Safety of Ship Requirement; provide

1.2 Location of Work:

1.2.1 Throughout the Ship

1.3 Identification:

1.3.1 Not Applicable.

2. REFERENCES:

2.1 Standard Items

2.2 S0570-AC-CCM-010/8010, Industrial Ship Safety Manual for Fire Prevention and Response

2.3 S9AA0-AB-GOS-010, General Specifications for Overhaul of Surface Ships (GSO)

2.4 46 CFR Part 164 Subpart 164.009, Occupational Safety and Health Standards for Non-Combustible Materials for Merchant Vessels

2.5 COMNAVSURFPAC/COMNAVSURFLANT 5304.1E, Redline Requirements.

2.6 NAVSHIPYD&IMFPEARLINST 11320.5Q, Fire Regulation and Fire Safety Plan

2.7 JBPHHINST 5560.1, Joint Base Pearl Harbor Hickam Traffic Regulations

3. REQUIREMENTS:

3.1 The ship’s permanently installed fire safety systems must remain in an operational condition. Fire safety systems include firemain, Aqueous Film Forming Foam (AFFF) system, HALON/Carbon dioxide (CO2) systems, heat/smoke/flooding/Hydrogen Sulfide/refrigerant detection system, 1MC (general announcing system), lighting, main drainage, secondary drainage, fixed fire suppression systems, ships portable suppression systems, ships internal radio system used for damage control, installed normal and emergency reporting system (Integrated Voice Communication System (IVCS), telephone, J-dial), designated ship wide unobstructed access and egress paths, designated unobstructed access to machinery spaces, unobstructed access to ship brows, and each designated Fire Zone Boundary (FZB). All entrances to the main engineering spaces will be treated as Fire Zone Boundaries and main entrances must remain unobstructed.

3.1.1 If maintaining the operational condition of the fire safety systems of 3.1 is not feasible, provide a temporary fire safety plan for each system removed from service.

3.1.1.1 Submit one legible copy of each temporary fire safety plan, in approved transferrable media, to the SUPERVISOR for approval. Submission must be no later than 10 days prior to the removal of permanently installed fire safety systems.

3.1.1.2 Install and maintain temporary firemain in accordance with Shipboard Fire Protection and Fire Prevention of 2.1 and 2.2.

3.1.1.3 Install and maintain temporary general announcing system in accordance with 2.2.

3.1.1.4 Install and maintain temporary fire detection system in accordance with 2.2.

3.1.1.5 Install and maintain temporary fire reporting system in accordance with 2.2.

3.1.1.6 Install and maintain dewatering equipment in accordance with 2.1 and 2.2.

3.1.1.7 Ensure temporary fire safety plan is approved by the SUPERVISOR prior to removal or permanently installed fire systems.

3.1.1.8 Install and maintain steel plating to be used for temporary decking near each ladder or main passage for each removed ship decking or walking surface.

3.1.1.9 Hot work is secured when access is obstructed or any ship brow is removed.

3.1.1.10 Install and maintain steel closures that must be in place for hull openings (e.g. removed hull valves, propulsion shafts) when work is not in progress and unattended. Steel closures must be located adjacent to openings when work is in progress.

3.1.1.11 Hull cuts and openings used for routing of temporary services must be sealed in accordance with 2.2.

3.1.1.12 Install and maintain fume-tight closures for removed FZB fittings or FZB access cuts in accordance with 2.2. These closures must be capable of being set and put in place within 3 minutes.

3.2 Deviations from the Ship’s Plan of the Day (SPOD) must be approved by the SUPERVISOR.

3.2.1 When temporary fire safety systems are installed in lieu of ship’s permanently installed fire safety systems listed in 3.1, verify that the SPOD identifies each affected fire safety system and work restrictions prior to commencing hot work.

3.2.2 Work or evolutions including flammable liquid storage locations, combustible and hazardous material storage locations, hull cuts, removed sea valves and fittings, and other non-design airflow paths, pier staged damage control equipment, temporary fluid system that could introduce flooding to the ship, or high risk evolutions listed in 4.4 must be provided for inclusion in the SPOD as provided to the SUPERVISOR.

3.3 Provide verbal notification of any planned shipboard production, testing, or evolutions that affect the fire safety systems listed in 3.1 to the SUPERVISOR no later than 5 business days prior to starting any applicable work, testing, or system tag out.

3.4 Provide verbal notification for High Risk Evolutions (HRE), as defined by 4.1 when a Process Control Procedure in accordance with O09-09

of 2.1 is not required.

3.4.1 Submit verbal notification to the SUPERVISOR and the Commanding Officer at least 4 hours, but not more than 24 hours prior to commencement. Identify the time, location, and purpose of each evolution. Notify the SUPERVISOR and designated ship's representative immediately prior to the actual start and upon completion of each evolution.

3.5 Notify SUPERVISOR of hot work conflicts for adjudication.

3.6 Lead Maintenance Activity (LMA) will provide a Hot Work Coordinator (HWC).

3.7 Develop and implement a written hot work safety plan in accordance with 2.2.

3.7.1 Submit one legible copy of hot work concurrence process, in hard copy or approved transferable media, to the SUPERVISOR no later than 5 working days after the Work Package Execution Review (WPER) meeting.

3.8 Submit one legible copy, in hard copy or approved transferrable media, of a consolidated drawing in the format of a damage control diagram, depicting all services entering the ship to the SUPERVISOR within two days of services being routed onboard the ship to include subcontractors.

3.9 Install temporary services in accordance with 2.3 using metal material ties at one side of watertight and non-tight doors, at the upper side of watertight hatches, and at an interval not to exceed 10-feet. Metal material ties must have a protective coating in accordance with 10.4.4 of 2.2. Temporary services must be high and tight with no more than 2 inches of droop keeping access and egress clear and to allow emergency access to all areas of the ship. Temporary services must not be routed through the main entrance of the machinery spaces.

3.9.1 Install and maintain each Quick Disconnect Fitting (QDF) and associated isolations in such way that emergency responders can readily access the QDF without assistance, operate without tools, and be capable of being disconnected safely on pressurized (self-sealing, or cutoff type isolation valve and bleed down parts) and energized temporary systems. Deviations must be approved by the SUPERVISOR.

3.9.2 Install and maintain temporary services to one side of incline ladders and stairwells and maintain 26 inch opening through the entire length of the ladders and stairwells.

3.9.3 Install and maintain temporary ventilation in such a manner that ventilation and airflow can be secured within 5 minutes of the receipt of report of fire by the ship's controlling station personnel.

3.9.4 Install and maintain temporary lighting to meet the illumination requirements in 2.2.

3.10 Provide a Temporary Services Isolation List (TSIL) in accordance with 2.2.

3.10.1 The TSIL must be organized by fire zones and be suitable for emergency responders and co-located with the Temporary Services Drawing.

3.10.2 Critical services must be highlighted and include impact of securing the service and have a unique at the shore side shut-off points.

3.11 Unattended parking on any Joint Base Pearl Harbor Hickam pier is prohibited. Loading and unloading of vehicles may occur on piers provided personnel remain within the vehicle and have the ability to move the vehicle.

3.12 Ensure fire lanes, fire hydrants, and portal crane rails remain open to allow emergency vehicles to respond to ships as needed.

3.12.1 Maintain clearance of all fire lanes, fire hydrants, and portal crane rails. Requests to obstruct or block any portion of the fire lane or crane rail for 4 hours or more must be approved by the SUPERVISOR.

3.12.2 Submit one legible copy of blockage or obstruction requests, in hard copy or approved transferable media, to the SUPERVISOR no later than 7 days prior to requested obstruction or blockage of fire lanes, fire hydrants, and portal crane rails.

3.13 Maintain a 5-foot clearance zone on each side of and 10-foot clearance for all access doors for Damage Control Connex Boxes or Lockers.

3.14 All wood and lumber products brought onboard the ship, with the exception of pallets, must be in accordance with paragraph 5.3.2 of 2.2. Any cut pieces of firewood or lumber products that no longer bear the original manufacturer stamp must be remarked in accordance with 2.2. Markings should be placed in a visible location to allow for inspection.

3.15 Any person discovering a shipboard fire must pass the word by shouting Fire! Fire! Fire!

3.15.1 Activate the nearest alarm box.

3.15.2 Evacuate the area before conditions become life threatening via the announced evacuation route or nearest exit if the announced route presents safety hazards. Personal safety must not be jeopardized. Personnel may attempt to extinguish the fire pending arrival of the Federal Fire Department (FFD) if it is safe to do so.

3.16 Evacuate the ship as directed by Ships Force and SUPERVISOR.

3.16.1 Place job site in a safe condition before evacuating and ensure oxygen and acetylene torches are secured.

3.16.2 Muster all contractor and subcontractor personnel upon evacuation of the ship to the Contractor’s lay down area, or as specified by the SUPERVISOR. Provide Prime and Subcontractor muster report to the Project Manager for accountability of personnel.

3.17 Participate in fire and flooding drills.

3.17.1 Participate in fire and flooding drill actions including evacuation, mustering, and securing temporary services. Fire and flooding drills last approximately one-hour in length per drill.

3.17.2 Plan for a fire drill within the first 30 days of the availability and every 120 days thereafter for the duration of the availability.

3.17.3 For dry-docked ships, plan for a flooding drill within 30

days prior to undocking and every 90 days thereafter for the duration of the availability.

3.17.4 Hot work may not commence until successful completion of initial fire drill or with permission of the SUPERVISOR.

4. NOTES:

4.1 HIGH RISK EVOLUTIONS DEFINED. Evolutions that pose a significant risk to ship. Examples include:

4.1.1 Docking and un-docking.

4.1.2 Ammunition on load and off load.

4.1.3 Oxygen charging or discharging.

4.1.4 Fueling or defueling.

4.1.5 Flooding the dry dock.

4.1.6 Refrigerant transfers.

4.1.7 Off-hull steam introduction of pressure exceeding 150 psi for propulsion plant testing.

4.1.8 Cofferdam only evolutions.

4.1.9 Single barrier to the sea.

4.1.10 Critical lift.

4.2 Code 103 Project Manager will adjudicate conflicts that arise regarding execution of hot work between repair activities.

4.3 Temporary lighting, services essential to personnel or ship safety systems listed in 3.1, and temporary systems replacing those listed in 3.1 are considered a critical temporary service.

4.4 Unobstructed Access Defined. No temporary lines or leads through designated unobstructed access.

4.5 Ship Controlling Station Defined. Ship designating command and control location (e.g. Quarterdeck, Central Control Station, Damage Control Central, and Bridge).

4.6 Unobstructed path and access to brows and egress paths must always be maintained to allow for clear passage. Personnel access brows must not be fouled with temporary systems. Each space must maintain one completely unobstructed ladder (i.e., no lines or leads) to each accessible level. Temporary services routed through stairwells must be installed on one side of the stairwell to maintain one unobstructed handrail for the entire length of the ladder (Incline Ladder).

4.7 Hot work Defined. Flame heating, welding, torch cutting, brazing carbon arc gouging, plasma arc cutting or gouging, and metal grinding when producing sparks. For confined and enclosed space; other spark producing work such as spark or arc producing tools or equipment, work producing friction or static discharges, and non-explosion proof lights, fixtures, motors or other equipment must be considered hot work unless they are isolated physically from any atmosphere containing 10% or greater of the Lower Explosive Limit (LEL) of a flammable or combustible substance. These processes will be controlled by local procedures or as directed by a competent person.

FY-2026

ITEM NO: 099-040PH

REVISED: 27 NOV 2024

CATEGORY: I

1. SCOPE:

1.1 Title: Additional Requirements for Contractor Cranes, Multi-Purpose machine, and Material Handling Equipment at Joint Base Pearl Harbor Hawaii; accomplish

1.2 Location of Work:

1.2.1 Throughout the Shipyard.

1.3 Identification:

1.3.1 Not Applicable.

2. REFERENCES:

2.1 NAVFAC P-307, Management of Weight Handling Equipment

3. REQUIREMENTS:

3.1 Notify the SUPERVISOR a minimum of 3 business days prior to bringing any cranes, multi-purpose machines, A-frames with permanently attached hoist, material handling equipment, or construction equipment that may be used in a crane-like application to lift suspended loads.

3.1.1 Provide the names and phone numbers of a primary and alternate designated Point of Contact (POC).

3.1.1.1 POC must be reachable during operations and while contractor's equipment is on Joint Base Pearl Harbor Hawaii.

3.1.2 Provide a description of the load being lifted, the equipment model and number, the date equipment will be at Joint Base Pearl Harbor Hickam, the duration of operations, and location of associated work.

3.1.3 Provide the contractor's analysis to determine contractor's equipment will not exceed the axle or outrigger load restriction for the specific location of associated work.

3.1.3.1 Contact Code 740 Accident Prevention at 808-473-8000 ext 3782 or ext 2180 to obtain the current Structural Loading Analysis study to assist with contractor's analysis.

3.1.3.2 The analysis shall include outrigger loads in the no loaded condition with boom at minimum radius, outrigger loads with the largest loads and largest radii, and outrigger loads when the load is rotated over the outriggers.

3.1.3.3 The outrigger load shall not exceed the ground load capacity.

3.1.3.4 If required based on the analysis, crane rotational restriction and boom radius restrictions shall be specified to ensure that the outrigger loads do not exceed the ground-load capacity.

3.1.4 For each lift, strictly adhere to the ground loading requirements in the Structural Loading Analysis study. Follow the

crane and forklift operating procedures while working on the pier. This include but not limited to recommend travel path, reduced speed limits, location of outriggers, the use of 6ftx 4ft rigid dunnage, and boom radius restriction.

3.1.5 Provide the cranes travel path and axle load based on the cranes configuration.

3.1.5.1 Verify the crane's axle load meets the ground load restrictions for the entire travel path.

3.1.6 Submit one legible copy of a report to the SUPERVISOR listing the results of 3.1.1, 3.1.2, 3.1.3, 3.1.4, and 3.1.5 a minimum of 3 business days prior to bringing any cranes, multi-purpose machines, A-frames with permanently attached hoist, material handling equipment, or construction equipment that maybe used in a crane-like application to lift suspended loads

3.2 Accomplish the requirements of paragraph 11.1.b of 2.1 prior to bringing or using any contractor crane, multi-purpose machine and material handling equipment that may be used in a crane-like application to lift a suspended load on a Naval facility with the SUPERVISOR utilizing Appendix P - Contractor Crane and Rigging Gear Requirements of 2.1.

3.2.1 Notify the SUPERVISOR if access into the Controlled Industrial Area (CIA) is required. Completed Certificate of Compliance, must have a “PHNSY & IMF Code 700 CIA access stamp” prior to entering the CIA.

3.3 Post a copy of the completed Certificate of Compliance (P-1) of 2.1 in the cab of the cranes, multi-purpose machines, material handling equipment, or construction equipment that maybe used in a crane-like application to lift suspended loads.

3.3.1 Completed Certificate of Compliance (P-1) of 2.1 may be maintained in the contractor’s on-site office for multi-purpose machines, material handling equipment, or construction equipment that maybe used in a crane-like application to lift suspended loads, but not for cranes.

3.4 All cranes, multi-purpose machines, material handling equipment, or construction equipment that maybe used in a crane-like application to lift suspended loads may be subjected to inspections and surveillances while at Joint Base Pearl Harbor Hickam.

4. NOTES:

4.1 This Local Standard Item (LSI) interfaces with NAVSEA Standard Item 009-40.

4.2 The term "business day" is defined as Monday through Friday between 0630hrs and 1500hrs not including any Federal holidays.

4.3 The term “SUPERVISOR” is defined as the local Government activity responsible for the execution and contract administration of Navy maintenance and modernization work.

4.3.1 Code 103, Code 740 Accident Prevention Program (APP) Team, and/or COMNAV Region Hawaii.

SUPERSEDED

HRMC

LOCAL STANDARD ITEM

FY-2026

ITEM NO: 099-069PH

REVISED: 27 NOV 2024

CATEGORY: I

1. SCOPE:

1.1 Title: Pier Laydown for Pearl Harbor Naval Shipyard & IMF (PHNSY & IMF) Availability; accomplish

1.2 Location of Work:

1.2.1 Throughout the Shipyard.

1.3 Identification:

1.3.1 Not Applicable.

2. REFERENCES:

2.1 Standard Items

2.2 NAVSEA S0570-AC-CCM-010/8010, Industrial Ship Safety Manual for Fire Prevention and Response

2.3 NAVSEA S9AA0-AB-GOS-010, General Specifications for Overhaul of Surface Ships (GSO)

2.4 46 CFR Part 164 Subpart 164.009, Occupational Safety and Health Standards Non-Combustible Materials for Merchant Vessels

2.5 29 CFR Part 1915, Occupational Safety and Health Standards for Shipyard Employment

2.6 29 CFR Part 1910, Occupational Safety and Health Standards

2.7 NAVSHIPYD&IMFPEARLINST 11320.5Q, Fire Regulation and Fire Safety Plan

2.8 PHNSY & IMF, Laydown Map for Pierside and Drydock Area

2.9 S9086-KY-STM-010/CH-320R2, Electric Power Distribution Systems

2.10 Industrial Power Outlets, Bravo Piers, Mike Piers, and Dry Dock 4.

2.11 NFPA 70, National Electrical Code

3. REQUIREMENTS:

3.1 Provide a detailed pier laydown area plan, no later than the WPER, mapping the location and dimension of each item to be placed on the pier including, but not limited to Conex box, trailer, tank, equipment, containment, power cable, electrical connection, and temporary service using 2.1 through 2.11 for guidance.

3.1.1 Pier laydown plan must be approved by the SUPERVISOR prior to bringing any equipment or material to PHNSY & IMF.

3.1.2 Label each item in the laydown area with the company name, ship name, SSP, contract number, name and phone number of a 24 hour emergency point of contact, and purpose for each item. Label must endure heavy weather and remain attached to the item until the item is removed from PHNSY & IMF.

3.1.3 Maintain the laydown area clear of any unobstructed 20 square foot area in front of each fire alarm pull station, fire hydrant, and designated muster area.

3.1.4 Maintain the laydown area clear of each designated fire lane.

3.1.5 Maintain the laydown area clear of each storm mooring fitting access lanes.

3.1.6 Identify the power equipment laydown using the specific industrial power outlet designated by the SUPERVISOR.

3.1.6.1 Submit one legible copy, in an approved transferrable media, requesting to deviate from the designated industrial power outlet to the SUPERVISOR no later than 14 days prior to the availability start date.

3.1.7 Remove each item from the pier within 24 hours, when directed by the SUPERVISOR.

3.1.8 Submit one legible copy, in an approved transferrable media, of a detailed pier laydown area plan to the SUPERVISOR no later than 12 days prior to the availability start date.

3.2 Remove each item placed on the pier including, but not limited to Conex box, trailer, tank, equipment, containment, and temporary services laydown plan from the pier not later the availability complete date.

3.2.1 Submit one legible copy, in approved transferrable media, to the SUPERVISOR no later than 5 days prior to the availability complete date listing items remaining on the pier after the availability complete date. List must include the SSPH, the work item number, a description of the item, reason the item is on the pier, and date the item will be removed.

3.2.2 Notify the SUPERVISOR no later than one day after the availability complete date to conduct a walkthrough of the pier ensuring no equipment or material is left adrift and housekeeping is satisfactory.

4. NOTES:

4.1 None.