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USACE / NAVFAC / AFCEC / NASA | **UFGS-01 57 19.01 20 (February 2010) Change 2 - 02/14**

Preparing Activity: NAVFAC | **Superseding UFGS 01 57 19.01 20 (August 2008)**

UNIFIED FACILITIES GUIDE SPECIFICATIONS

References are in agreement with UMRL dated January 2014
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ATTACHMENTS:

"Table 1 - Spill Reporting Contact Numbers"

Contractor's Guide to Environmental Compliance

Refrigerant Work Checklist

Refuse and Recycle Quantity Form

NAVSEA Keyport Contractor's Guide to Environmental Compliance

Bremerton Naval Complex Best Management Practices (BMPs)

PSCAA Non-Road Engine Notification Form

Bremerton Naval Complex Best Management Practices (BMPs)

Groundwater/Stormwater Flow Chart

Storm Drain/Sanitary Sewer Discharge Approval

Monthly Project Waste Summary Report

Refuse and Recycle Quantity Form

Solid Waste Tracking Sheet (SWTS)

Solid Waste Tracking Sheet (SWTS)

Storm Drain/Sanitary Sewer Discharge Approval

Estimated Waste Table

Encountered Waste Summary

Waste Information Specification (WIS)

Waste Information Sheet

Waste Generation Record (WGR)

Waste Information Sheet (WIS)

PSNS 5090/132 CHMI

Contractor Request for 45/90-Day Hazardous Waste Accumulation Certification/Recertification

Contractor Request for Hazardous Waste Satellite Accumulation Area (SAA) Registration

Accumulation Area Inspection Record

Hazardous Waste Accumulation Area Registration Form

-- End of Section Table of Contents --

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SECTION 01 57 19.01 20

SUPPLEMENTAL TEMPORARY ENVIRONMENTAL CONTROLS
02/10

****
NOTE: This guide specification covers the requirements for state and local environmental protection and for environmental temporary controls. The purpose of this document is to supplement Section 01 57 19.00 20 TEMPORARY ENVIRONMENTAL CONTROLS with specific State and Local requirements. Coordinate with and do not repeat what is already provided in the NAVFAC-wide (.00 20) version of the specification. Edit section thoroughly to delete paragraphs not applicable to project.

To assist specification editors and contractors with finding all of the pertinent sections, the requirements are arranged by Region, then State and Installation. Rather than writing the same State requirement for every installation in a given state, the requirement should be listed under that state. If a requirement only applies at a specific installation, list it under the appropriate installation.

Many States and Municipalities have more stringent or additional requirements. Modify this section to include State and Local differences as required to suit local conditions and regulations.

Use of electronic communication is encouraged.

Adhere to UFC 1-300-02 Unified Facilities Guide Specifications (UFGS) Format Standard when editing this guide specification or preparing new project specification sections. Edit this guide specification for project specific requirements by adding, deleting, or revising text. For bracketed items, choose applicable items(s) or insert appropriate information. Brackets are used in the text to indicate designer choices or locations where text must be supplied by the designer. Only edit the parts of this specification section that have

bracketed choices.

TO DOWNLOAD UFGS GRAPHICS
Go to http://www.wbdg.org/ccb/NAVGRAPH/graphtoc.pdf.

Comments, suggestions and recommended changes for this guide specification are welcome and should be submitted as a Criteria Change Request (CCR).
****

****
NOTE: Installation specific requirements are listed under the Region and State where the installation is found. Each FEC must insert the state and local requirements that apply to installations within their area of responsibility. If a state regulation applies to all installations, list it under the appropriate state. If language is specific to a particular installation, list it under that installation. The provided information is a template. FECs should add states and installations in the master to complete the document.
****

****
NOTE: Select the appropriate FEC/Region where work is being done and delete the un-used Regions.
****

PART 1 GENERAL

1.1 REFERENCES

****
NOTE: These references are only for State specific requirements and supplement the references in Section 01 57 19.00 20, TEMPORARY ENVIRONMENTAL CONTROLS. This paragraph is used to list the publications cited in the text of the guide specification. The publication are referred to in the text by basic designation only and listed in this paragraph by organization, designation, date, and title.

Select the appropriate FEC/Region where work is being done and delete the un-used Regions.

If you are using SpecsIntact, use the Reference Wizard's Check Reference feature when you add a RID outside of the Section's Reference Article to automatically place the reference in the Reference Article. Also use the Reference Wizard's Check Reference feature to update the issue dates.

If you are using SpecsIntact, references not used in the text will automatically be deleted from this section of the project specification when you choose to reconcile references in the publish print process.
****

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only. If state or local references are not provided here, refer to Section 01 57 19.00 20 TEMPORARY ENVIRONMENTAL CONTROLS for appropriate references.

****
NOTE to FEC: For each state listed below, the FEC should edit the section to include state or local specific references that will be called out in later portions of this document.

Reference lists are tailored by each FEC.
****

[
****
NOTE to MIDLANT: For each state listed below, edit the section to include state or local specific references that will be called out in later portions of this document.

North Carolina
Virginia
West Virginia
Maryland
Pennsylvania
New Jersey
Maine
Rhode Island
New York
Other Northeast States
****
][
****
NOTE to MIDWEST: For each state listed below, edit the section to include state or local specific references that will be called out in later portions of this document.

Illinois
Indiana
Tennessee
Other Midwest States
****
]

ASTM INTERNATIONAL (ASTM)

ASTM E2356	(2014) Standard Practice for Comprehensive Building Asbestos Surveys

PUGET SOUND CLEAN AIR AGENCY (PSCAA)

PSCAA Regulation	Regulation I, II, and III

STATE OF VIRGINIA ADMINISTRATIVE CODE (VAC)

9 VAC 25-840	Title 9, Agency 25, Chapter 840: Erosion And Sediment Control Regulations

9 VAC 25-850	Title 9, Agency 25, Chapter 850: Erosion And Sediment Control And Stormwater Management Certification Regulations
9 VAC 25-870	Title 9, Agency 25, Chapter 870: Virginia Stormwater Management Program (Vsmp) Regulation

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)

EPA 833-R-060-04	(2007) Developing Your Storm Water Pollution Prevention Plan, a Guide for Construction Sites
EPA SW-846	(Third Edition; Update IV) Test Methods for Evaluating Solid Waste: Physical/Chemical Methods

U.S. NATIONAL ARCHIVES AND RECORDS ADMINISTRATION (NARA)

40 CFR 265	Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
40 CFR 355	Emergency Planning and Notification
40 CFR 60	Standards of Performance for New Stationary Sources
40 CFR 63	National Emission Standards for Hazardous Air Pollutants for Source Categories
40 CFR 82	Protection of Stratospheric Ozone
49 CFR 171	General Information, Regulations, and Definitions
49 CFR 172	Hazardous Materials Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, and Training Requirements
49 CFR 178	Specifications for Packagings
77 FR 12286	Final National Pollutant Discharge Elimination System (NPDES) General Permit for Stormwater Discharges from Construction Activities

WASHINGTON STATE ADMINISTRATIVE CODE (WAC)

WAC-173-160	Minimum Standards for Construction and Maintenance of Wells
WAC-173-303	Washington Dangerous Waste Regulations
WAC-173-350	Solid Waste Handling Standards
WAC-173-60	Maximum Environmental Noise Levels

WAC-222-30	Timber Harvesting
WAC-246-290	Department of Health Drinking Water Regulation

WASHINGTON STATE DEPARTMENT OF ECOLOGY (WSDE)

WSDE SMM	(2012) Washington State Stormwater Management Manual for Western Washington

1.2 DEFINITIONS

****
NOTE: This article contains tailoring tags for, and is for, NAVFAC NW projects only.
****

1.2.1 Contractor-Generated Waste

Material that is Contractor originated, brought on site by the Contractor, and becomes a waste during construction at or on government property.

1.2.2 Dangerous Waste

Waste defined as dangerous waste per WAC-173-303. This includes, but is not limited to, hazardous waste, extremely hazardous waste and state-only dangerous waste.

1.2.3 Encountered Waste

Material that is of government origin which becomes a waste during construction at or on government property. This term includes both foreseen and unforeseen government wastes discovered at the worksite.

1.2.4 Firewood

Raw woody material cut into short lengths and burned to produce energy.

1.2.5 Fugitive Dust

Particulate matter or any visible air contaminant (smoke, dust, or fume) other than uncombined water that is not collected by a capture system and emitted from a stack, but is released to the atmosphere at the point of generation.

1.2.6 Ozone Depleting Substance (ODS) Substitute

Any chemical or product, whether existing or new, that is used by any person as an EPA approved replacement for a class I or II ozone-depleting substance in a given refrigeration or air-conditioning end-use.

1.2.7 Refrigerant

Any substance consisting in part or whole of a class I or class II ozone-depleting substance, or an ozone depleting substance substitute that is used for heat transfer purposes and provides a cooling effect.

1.2.8 Refuse

Includes, but is not limited to garbage, rubbish, trash, some soils, and non-painted demolition and construction debris. Refuse shall be designated by the government. When designated "refuse," the government has determined the waste is not "Dangerous Waste."

1.2.9 Sewage

Liquid wastes designated by the government as "domestic sanitary sewage" and normally discharged through domestic sanitary sewage systems. Liquids designated as "sewage" include human body wastes, and wastewater from sinks, showers, laundries, dishwashers, and garbage disposals when these liquids use only chemicals approved by the Government for discharge into the sanitary sewer.

1.2.10 Spill Event

A spill is any release of oil or hazardous substances to the water or ground that is not controlled or permitted. This includes any spilling, leaking, pumping, emitting, discharging, injecting, escaping, leaching, disposing, or dumping of liquid or solid material that is not authorized in writing by the Contracting Officer. Emergency and non-emergency spills are defined as follows:

1.2.10.1 Emergency Spill Event

An emergency spill event is any release of a known or unknown material or hazardous substance that poses an immediate threat to human health or the environment to the air, soil, or water and is not classified as a non-emergency spill event. All unpermitted or uncontrolled releases on land, to air or discharges to any waterways or outside Navy properties, are classified as emergency spill events.

1.2.10.2 Non-emergency Spill Event

A non-emergency spill event is a discharge of a known material or any hazardous substance that does not pose an immediate threat to human health or the environment, can be cleaned up as part of normal housekeeping by the personnel who discovered the spill, and is not released on the soil or into any waterway inlet (e.g.,storm drain) or outside Navy property boundaries.

1.2.11 Timber, Merchantable

Any raw material yielded by a forest that is of a size, quality and condition suitable for marketing under given economic conditions, even if so situated as not to be immediately accessible for logging.

[1.2.12 Industrial Waste

****
NOTE: Choose the first set of bracketed paragraphs and delete the second set of bracketed paragraph for NBK Bangor and NBK Keyport. For other projects, delete the first set of bracketed paragraphs and choose the second set.
****

Wastes not meeting the definitions of dangerous waste, sewage or refuse.

Typically waste by-products regulated by environmental regulations.

1.2.13 Nonroad Engine

Any internal combustion engine that, by itself or in or on a piece of equipment, is portable or transportable, meaning designed to be and capable of being carried or moved from one location to another. Indicia of transportability include, but are not limited to, wheels, skids, carrying handles, dolly, trailer, or platform.

1.2.14 Rubbish

All non-putrescible non-painted wastes such as paper, boxes, lumber, crates, dunnage, pallets, particle board, plywood, glass, crockery, metal, cans, and tree stumps. "Rubbish" excludes garbage.

][1.2.15 Landfill-Controlled Waste

****
NOTE: Choose this bracketed paragraph if previous bracketed paragraph set is deleted.
****

Waste containing harmful substances but not designated as dangerous per WAC-173-303 that are screened by a receiving facility to ensure that it meets the requirements of their operating permit. Examples; petroleum contaminated soil, abrasive blast grit, street or dry-dock sweepings, treated wood, oily debris, and waste containing free liquids as determined by the Paint Filter Liquids Test method 9095.

]1.3 SUBMITTALS

****
NOTE: Review Submittal Description (SD) definitions in Section 01 33 00 SUBMITTAL PROCEDURES and edit the following list to reflect only the submittals required for the project.

The Guide Specification technical editors have designated those items that require Government approval, due to their complexity or criticality, with a "G". Generally, other submittal items can be reviewed by the Contractor's Quality Control System. Only add a "G" to an item, if the submittal is sufficiently important or complex in context of the project.

For submittals requiring Government approval on Army projects, a code of up to three characters within the submittal tags may be used following the "G" designation to indicate the approving authority. Codes for Army projects using the Resident Management System (RMS) are: AE" for Architect-Engineer; "DO" for District Office (Engineering Division or other organization in the District Office); "AO" for Area Office; "RO" for Resident Office; and "PO" for Project Office. Codes following the "G" typically are not used for Navy, Air Force, and NASA projects.

Choose the first bracketed item for Navy, Air Force and NASA projects, or choose the second bracketed item for Army projects.

****

****

NOTE: Add additional statement to include State or Local submittal requirements. Submittals added here must be called for and explained in the specification paragraph text within.

Delete any inapplicable submittal requirements.

****

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are [for Contractor Quality Control approval.][for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government.] The following shall be submitted in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-01 Preconstruction Submittals

Excavation Permits[; G][; G, [_____]]

****

NOTE: Include the following submittal for NAVFAC SE projects at the Charleston Air Force Base and for other NAVFAC SE projects as determined by the Contracting Officer based on project size, scope, complexity, and visibility.

****

Dirt and Dust Control Plan[; G][; G, [_____]]

****

NOTE: Include the following submittal for NAVFAC PAC projects.

****

Storage Inventory Form[; G][; G, [_____]]

****

NOTE: Include the following submittal for NBK Bangor, NBK Keyport, NBK Bremerton.

****

PSCAA Non-Road Engine Notification Form[; G][; G, [_____]]

****

NOTE: Include the following submittal for construction of a new air pollution source. At NBK Bangor, NBK Keyport, NBK Bremerton, and Everett choose PSCAA. At Indian Island, choose ORCAA. At Whidbey, choose NWCAA.

****

Notice of Construction, [PSCAA][ORCAA][NWCAA][; G][; G, [_____]]

Contractor's Operation and Maintenance (O & M) Plan

Project Report

Waste Originator Training Certification[; G][; G, [_____]]

****
NOTE: Include the following submittals as applicable to the project for NAVFAC ML.
****

SD-03 Product Data

HVAC&R equipment[; G][; G, [_____]]

Oil or dual fuel boilers/furnaces[; G][; G, [_____]]

Internal Combustion Engines [; G][; G, [_____]]

SD-07 Certificates

Storm Water Notice of Termination[; G][; G, [_____]]

****
NOTE: Include the following for NBK Bremerton.
****

Storm Drain/Sanitary Sewer Discharge Approval[; G][; G, [_____]]

Waste Determination Documentation[; G][; G, [_____]]

Monthly Project Waste Summary Report

Landfill Disposal Form; G

Hazardous Waste Accumulation Area Registration Form[; G][; G, [_____]]

Contractor Request for Hazardous Waste Satellite Accumulation Area (SAA) Registration[; G][; G, [_____]]

Contractor Request for 45/90-Day Hazardous Waste Accumulation Certification/Recertification[; G][; G, [_____]]

Accumulation area inspection record [; G][; G, [_____]]

Dangerous waste profile[; G][; G, [_____]]

Dangerous waste manifests[; G][; G, [_____]]

****
NOTE: Include the following submittal for Whidbey.
****

Certificate of final disposal[; G][; G, [_____]]

SD-11 Closeout Submittals

****
NOTE: Select ORCAA for Indian Island, NWCAA for Whidbey, or PSCAA for Everett, NBK Bangor, NBK Bremerton, and NBK Keyport.
****

Notice of Completion, [PSCAA][NWCAA][ORCAA]

****
NOTE: Use the following submittal for NBK Bremerton and Whidbey.
****

Solid Waste Tracking Sheet

****
NOTE: Use the following submittal for NBK Keyport, NBK Bangor, and Indian Island.
****

Refuse and Recycle Quantity Form[; G][; G, [_____]]

Project Completion Report[; G][; G, [_____]]

Refrigerant Work Checklist[; G][; G, [_____]]

Operation and Maintenance Records (Air Pollution Sources)[; G][; G, [_____]]

[1.4 MID-ATLANTIC

****
NOTE: Applicable environmental requirements such as; erosion/sediment control, storm water, hazardous waste, and solid waste may have unique state regulations that exceed the requirements of Section 01 57 19.00 20, TEMPORARY ENVIRONMENTAL CONTROLS. The FEC should edit this section to include these unique state requirements for each state listed below.
****

****
NOTE: For each installation, provide the following:
1. Unique local requirements that exceed Section 01 57 19.00 20, TEMPORARY ENVIRONMENTAL CONTROLS requirements and/or state regulations.
2. Environmental Point of Contact information for design review and base specific requirements.
3. For every installation in area of responsibility, the FEC shall identify the facility Hazardous Waste Generator status as specified in Section 01 57 19.00 20 paragraph entitled "Facility Hazardous Waste Generator Status."
4. For each installation listed below, provide specific requirements of the installation's Environmental Management System (EMS) that relate to construction operations. Identify those site specific EMS actions that the Contractor must

perform under this contract.
****

1.4.1 Virginia

****
NOTE: The following paragraphs apply to Hampton Roads Installations (Norfolk Naval Station, NAS Oceana, Dam Neck Annex, JEB Little Creek/Fort Story, Norfolk Naval Shipyard, NWS Yorktown, NSA Hampton Roads) Modify and add requirements if used for other Installations in Virginia according to their practices.
****

1.4.1.1 Definition and Disposal Requirements of Empty Paint Cans

Paint Cans: Paint cans that are empty (free of liquids and contains less than 2.54 cm 1 inch of dried material) of paints, solvents, thinners and adhesives may be disposed of in dumpsters.

Metal paint cans that meet the empty standard can be placed in dumpsters marked "metal only"; plastic cans may be placed in solid waste dumpsters. Manage paint cans with liquid or more than 2.54 cm 1 inch of solidified oil-based paint as a hazardous waste and properly label. Manage paint cans with excess water-based paint as non-hazardous waste. Contact NAVFAC MIDLANT Environmental Services for management requirements.

1.4.1.2 Erosion and Sediment Control Measures and Stormwater Management

1.4.1.2.1 Erosion and Sediment Control

****
NOTE: Use this paragraph where land disturbance is 929 square meters 10,000 square feet or greater.
****

Where the land disturbance will be 929 square meters 10,000 square feet or greater, prepare and submit an erosion and sediment control plan, and comply with the requirements specified in the Virginia Erosion and Sediment Control Law and Regulations. (Virginia Code: 9 VAC 25-840) Obtain a Certificate of Competency in accordance with 9 VAC 25-850.

1.4.1.2.2 Construction Dewatering

There must be no release of construction discharge water to the stormwater system or into State waters without prior authorization in writing from the Environmental Division. Construction Dewatering must not be discharged to the sanitary sewer system. The discharge of hazardous substances is not permitted under any circumstances.

Construction site stormwater runoff must be treated through the use of proper erosion control measures or stormwater management practices prior to release from the construction site. Pollutants, including but not limited to chemicals, fuels, lubricants, sewage, paints, sedimentation, and other harmful materials must not be discharged into or alongside any River, Stream, or Impoundment, or into any channels leading to them. Contractors must implement appropriate erosion and sediment control measures to all disturbed areas or bare soils to prevent unauthorized offsite

sedimentation. Denuded portions of a project which are at final grade or where work has temporarily ceased must have stabilization measures applied within 7 days.

1.4.1.3 Virginia Stormwater Management

****
NOTE: Use this paragraph where land disturbance is 4046 square meters one acre or greater.
****

Where land disturbance is equal to, exceeds 4046 square meters one acre, prepare and submit a stormwater pollution prevention plan and comply with the requirements specified in the Virginia Stormwater Management Law and Regulations (Virginia Code: 9 VAC 25-870). Obtain Certificate of Competency in accordance with 9 VAC 25-850.

1.4.1.3.1 Storm Water General Permit for Construction Activities Registration Statement

In accordance with 9 VAC 25-870, submit a Registration Statement to the State to obtain Virginia Stormwater Management Program General Permit coverage, and as required under the General Permit, develop a Storm Water Pollution Prevention Plan (SWPPP) for the project. The SWPPP must meet the requirements of the State General Permit for storm water discharges from construction activities. Submit the Registration Statement and appropriate permit fees to the appropriate State agency for approval a minimum of 15 calendar days prior to the start of any land disturbing activities. Maintain an approved copy of the SWPPP at the construction on-site office, and continually update as regulations require, reflecting current site conditions.

Coverage under this permit requires the contractor to prepare a SWPPP, prepare and submit a Registration Statement and provide the permit fee to the responsible state agency before any land disturbing activities begin. The Contractor must file for permit coverage on behalf of both them and the Construction Officer, and file a Notice of Termination once construction is complete and the site is stabilized with a final sustainable cover. Under the terms and conditions of the permit, the Contractor may be required to install, inspect, maintain best management practices (BMPs), and submit stormwater BMP inspection reports and stormwater pollution prevention plan inspection reports. Ensure construction operations and management are constantly in compliance with the terms and conditions of the general permit for storm water discharges from construction activities.

1.4.1.3.2 Storm Water Pollution Prevention Plan Notebook

Create and maintain a three-ring binder of documents that demonstrate compliance with the Stormwater Construction Activity permit. The binder must include a copy of the permit Registration Statement, proof of permit fee payment, SWPPP and SWPPP update amendments, inspection reports, copies of correspondence with the appropriate state agency and a copy of the permit Notice of Termination. At the completion of the project, the completed binder becomes the property of the Government. Provide the completed binder to the Contracting Officer. Provide an advance copy of the Registration Statement to the Contracting Officer immediately after the form is presented to the permitting agency.

The SWPPP must be consistent with the requirements of the General Permit,

and at a minimum included:

a. Identify potential sources of pollution which may be reasonably expected to affect the quality of storm water discharge from the site.

b. Describe and ensure implementation of practices which must be used to reduce the pollutants in storm water discharge from the site.

c. Ensure compliance with terms of the State general permit for storm water discharges.

d. Select applicable best management practices from EPA 833-R-060-04 or appropriate State guidance documents.

e. Include a completed copy of the Registration Statement, State permit coverage letter, BMP Inspection Report Template and Notice of Termination except for the effective date.

f. Include copy of the approved Erosion and Sediment Control Plan and copy of the approved Stormwater Management Plan.

1.4.1.3.3 Stormwater General Permit Inspection Reports

Complete and document, in the Stormwater Pollution Prevention Plan Notebook, the Storm Water Inspection Reports as required by the State VSMP General Permit. The Stormwater inspections reports must include all items required by the General Permit and must be completed at the inspection frequency detailed in 9 VAC 25-870. Obtain certificate of competency in accordance with 9 VAC 25-850.

1.4.1.4 Asbestos Abatement and Notification Procedures

All structures must be surveyed for the presence of asbestos prior to demolition or renovation. A structure is defined as including any load bearing portion of a structure. Survey must be performed by a licensed, certified, accredited asbestos inspector in accordance with ASTM E2356.

Notify Environmental Protection Agency (EPA) and Virginia Department of Labor and Industry (VADOLI) at least 20 calendar days before start of asbestos abatement if asbestos is expected to total at least 79 Linear Meters 260 LF, 14.9 Square Meters 160 SF, or 1 cubic meter 35 CF. Provide copies of notifications to the environmental office (Air Manager) through the Contracting Officer prior to beginning work. Make notifications for any project which includes asbestos abatement (and for all demolition projects, regardless of whether asbestos containing materials are present in the structure or facility) in accordance with paragraph DEMOLITION. Notification is not required if asbestos is non-friable asbestos containing roofing, flooring, or siding materials which when installed, encapsulated, or removed do not become friable. If the material is not in good shape, the matrix binding the asbestos fibers has deteriorated, or mechanical means are used for removal and result in more than incidental breakage, then notification is required. Activities such as grinding, mechanical chipping, sawing or drilling can make the asbestos containing material friable and would require notification.

1.4.1.4.1 Best Management Practices

Utilize Best Management Practices (BMPs) to ensure all EPA and VADOLI requirements are met, including: preventing airborne emissions via wetting

asbestos prior to removal; using glove bags or containment; using HEPA filtered vacuum/ventilation systems; restricting access to asbestos control areas until thoroughly cleaned/inspected and acceptable air-samples received. Consideration should be given to other environmental program requirements such as Clean Water Act (CWA) requirements when making decisions in regard to BMPs.

1.4.1.4.2 Asbestos Waste Disposal

For asbestos waste disposal, phone the NAVFAC MIDLANT Environmental Service Desk to arrange pick up in your area. A manifest must be signed by this office prior to waste being removed from the installation. Provide copies of manifests and notifications to NAVFAC Mid-Atlantic EV Hazardous Waste Program Manager.

1.4.1.5 Hazardous Waste Requirements for Virginia Installations:

1.4.1.5.1 Demolition

Ensure building has been surveyed for asbestos. Notify the Environmental Protection Agency (EPA) and Virginia Department of Labor and Industry (VADOLI) at least 10 working days before start of demolition. This notification is required for all demolition, even if no asbestos is present. Follow asbestos notification requirements in accordance with paragraph ASBESTOS ABATEMENT AND NOTIFICATION PROCEDURES. Implement Best Management Practices (BMPs) to contain dust and debris emissions to the air.

Remove the following items from the site prior to demolition: PCB's, fluorescent bulbs, mercury and metal components (such as furnaces, ducts, and piping), and any hazardous materials. Manage all lead, fluorescent bulbs, mercury containing equipment, and any other waste as "hazardous or universal waste" as appropriate (see paragraph HAZARDOUS AND UNIVERSAL WASTE GENERATION). If the demolition activity encompasses the whole building (the building will be demolished to the ground), the resulting construction debris (including lead paint) requires Toxicity Characteristic Leaching Procedure (TCLP) analysis to make a waste determination and ensure proper management and disposal before it can be disposed as solid waste.

1.4.1.5.2 Hazardous and Universal Waste Generation

****

NOTE: Activity Hazardous Material Reutilization, Hazardous Waste Minimization and Disposal Guide is available for download at
http://www.wbdg.org/ccb/NAVGRAPH/graphtoc.pdf

****

Hazardous and Universal Waste includes fluorescent bulbs, PCB ballast, lead paint, and mercury containing equipment. Contact the EV Hazardous Waste (HW) Program Manager to set up an appropriate accumulation area. Manage waste in a SAA, HWAA, or UWAA as directed by HW Program Manager. Keep all containers securely closed unless adding or removing material/waste. Ensure custodians managing the accumulation area(s) have appropriate training that has been taken within the year prior to the area being established. Training is an annual requirement that can be taken on the ECATTS site (https://navfac.ecatts.com/start). Keep copies of training records/certificates on site.

Hazardous Waste Accumulation Areas (less than 90 day sites) require

Virginia Department of Environmental Quality (VDEQ) notification. Notification to VDEQ is made by the EV HW Program Manager. Notify the HW MM 14 days prior to the start of waste accumulation. All agency notifications will originate from the Regional Environmental. A copy of the Activity Hazardous Material Reutilization, Hazardous Waste Minimization and Disposal Guide will be provided by the Contracting Officer. For waste disposal, phone the NAVFAC MIDLANT Environmental Service Desk to arrange pick up in your area. Fax a completed DD 1348-1A to the Service Desk for all waste turn-ins. Notify the Service Desk if any containers are leaking or are in poor condition.

1.4.1.5.3 Excavation

If soil is to be reused on site, sampling is not required unless otherwise directed. Excavated soil may be re-used within the construction site with no testing necessary. Soil may be stockpiled until the end of the project, then re-used as much as possible prior to sampling/analysis for residual soil to be disposed of. Store all in a manner that prevents rain from infiltrating the soil matrix and preventing any runoff into the surrounding soil or pavement (e.g. store the soil on top of plastic sheets and covered with plastic sheets or in lined, covered dumpsters). If the soil is going to be relocated or disposed outside the construction site, sampling and analysis is required. Contact the installation HW Program Manager prior to disposal to determine the appropriate sampling/ test parameters. Soil disposal requirements will depend on test results. If soil is to be shipped to a destination outside the fire ant quarantine area (outside of James City County, York County, Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach or Williamsburg) it MUST have a valid inspection certificate issued by an Officer of the Plant Protection and Quarantine Program (PPQ) of the U.S. Department of Agriculture. Contact the EV Pest Management Coordinator for additional information.

Sub-surface archaeological resources can be encountered unexpectedly. During any soil disturbing activities, should historic or prehistoric artifacts, buried features, or structural foundations be discovered, halt the action and contact the NAVFAC MIDLANT Regional Historic Preservation Officer and the Contracting Officer immediately.

1.4.1.5.4 Painting and Paint Removal

Air drying cans for disposal is allowed only if liquid residue is less than 2.54 cm 1 inch; keeping all paint or solvent containers closed and secured when not adding or removing material or waste. Waste paint chips/debris must be collected and sampled to determine proper disposal method. Contact the EV HW Program Manager for sampling requirements. If waste paint is determined to be hazardous, waste must be managed as hazardous and an appropriate accumulation area must be established. Contact the EV HW Program Manager for site setup.

Implement BMPs to contain dust and debris emissions to the air.

1.4.1.5.5 Dumpsters

Keep cover closed at all times, except when being loaded with trash and debris. Empty site dumpsters at least once a week or as needed to keep the site free of debris and trash. Label trash containers to appropriately describe the contents.

1.4.1.6 Air Requirements:

1.4.1.6.1 Asbestos Removal

****
NOTE: Use this paragraph if project requires asbestos removal.
****

Follow asbestos notification requirements. See paragraph ASBESTOS ABATEMENT AND NOTIFICATION PROCEDURES.

1.4.1.6.2 Concrete Crushing

Secure an air permit for the crusher from the regulatory agency where the equipment is home-based (in Virginia contact VADEQ). Provide a copy of the permit to the environmental office (Air Manager) through the Contracting Officer at least 30 days prior to bringing crusher on- site.

Utilize Best Management Practices (BMPs) (such as water suppression) during crushing operations to minimize dust and debris emissions to the air. Consider other environmental program requirements such as Clean Water Act (CWA) requirements when making decisions in regard to BMPs.

1.4.1.6.3 Painting

Control volatile organic compound emissions by keeping all paint, solvent, and waste containers closed/secured except when adding or removing material or waste. Control air emissions via air drying cans for disposal only if liquid residue is less than 2.54 cm 1 inch.

Control particulate matter emissions by using containment such as shrouds to contain overspray during spraying operations.

1.4.1.6.4 Paint Removal

Control dust, abrasive agent, paint chips, and other debris during abrasive blasting or similar operations that could emit dust/debris. Containment could include application of water and use of shrouding/containment. Consider other environmental program requirements such as Clean Water Act (CWA) requirements when making decisions in regard to BMPs.

1.4.1.6.5 Heating Ventilation Air Condition and Refrigeration (HVAC&R) Work

HVAC&R work must be performed by EPA certified technicians, using recycling/recovery equipment that meets EPA standards, and performed in accordance with EPA regulations governing Ozone Depleting Substances (40 CFR 82). Copies of certifications must be maintained at the employees' place of business and be carried as a wallet card by the technician, as provided by environmental law. Accidental venting of a refrigerant is a release and must be reported to the environmental office (Air Manager) through the Contracting Officer.

Do not use Class I [and II] ODS as defined in 40 CFR 82 in performance of this contract, nor provide as part of the equipment. This prohibition prevails over any other provision, specification, drawing, or referenced documents. Regulations related to the protection of stratosphere ozone may be found in 40 CFR 82. Provide product data and details for new or replacement HVAC&R equipment to the Environmental Office (Air Manager)

through the Contracting Officer. Data to be reported include: equipment type, manufacturer, model number, serial number, refrigerant type, tons cooling capacity, and normal pounds refrigerant charge.

1.4.1.6.6 Preconstruction Air Permits

****

NOTE: Coordinate with local EV office to determine if Government will obtain these permits, or if Contractor will be required to obtain them.

Permit application fees will be required to be paid by the action proponent (client) at the time of application. Fee amount will depend on location of work and type of work. Typical fees range from $250 to $3500. The environmental air manager will provide application fee estimate based on project specifics.

****

Air permits may be required prior to construction or installation of new, replacement, or relocated air emission producing equipment (e.g. stationary internal combustion engines (fuel fired generators, compressors, pumps); fuel fired boilers, furnaces, heaters; paint booths, blast booths, woodworking shops, gas stations, fuel dispensing tanks, parts washers). Notification to the EV Air Program Manager through the Contracting Officer must be made at least 6 months prior to bringing equipment, assembled or unassembled, onto the Installation, so that air permits can be secured. Necessary permitting time must be considered in regard to construction activities. All Clean Air Act (CAA) permits must be obtained prior to bringing equipment, assembled or unassembled, onto the Installation.

[Permits will be provided by the Government.] [The Contractor is responsible for confirming that these permits have been obtained.]

1.4.1.6.7 Oil or dual fuel boilers/furnaces

Provide product data and details for new, replacement, or relocated fuel fired boilers, heaters, or furnaces to the Environmental Office (Air Manager) through the Contracting Officer. Data to be reported include: equipment purpose (water heater, building heat, process), manufacturer, model number, serial number, fuel type (oil type, gas type) size (MMBTU heat input). Provide in accordance with paragraph PRECONSTRUCTION AIR PERMITS.

1.4.1.6.8 Internal Combustion Engines

New, replacement, or relocated internal combustion engines (generators, compressors, pumps), must be equipped with non-resettable hour meter and certified to meet applicable EPA emissions standards. Copies of the EPA emission certification must be provided to the Environmental Office (Air Manager) through the Contracting Officer.

Provide product data and details for new, replacement, or relocated internal combustion engines to the Environmental Office (Air Manager) through the Contracting Officer. Data to be reported include: equipment type (generator, compressor, pump), manufacturer, model number, serial number, fuel type, size (hP or kW), and engine family number. See paragraph PRECONSTRUCTION AIR PERMITS.

1.4.1.7 Hazardous Material Management

At the end of the project, provide the Contracting Officer with the maximum quantity of each material that was present at the site at any one time, the dates the material was present, the amount of each material that was used during the project, and how the material was used.

1.4.1.8 Spill Response and Reporting

****
NOTE: Attach Table 1 - Spill Reporting Contact Numbers, which is available for download at http://www.wbdg.org/ccb/NAVGRAPH/graphtoc.pdf
****

Spills include any spilling, leaking, pumping, emitting, discharging, injecting, escaping, leaching, disposing, or dumping of liquid or solid material that is not authorized in writing by the Contracting Officer. Report all Spills at Hampton Roads Navy installations to the appropriate installation ECC immediately upon discovery. The Responsible party will fund all clean up and disposal costs.

After notification of installation ECC, notify your Navy point of contact. Refer to the Activity Hazardous Material Reutilization, Hazardous Waste Minimization and Disposal Guide Appendix 3 for spill contact procedures. Refer to "Table 1 - Spill Reporting Contact Numbers" for the appropriate point of contact.

1.4.2 Maryland

a. Patuxent River

1.4.3 West Virginia

a. Sugar Grove

1.4.4 Pennsylvania

1.4.5 New Jersey

1.4.6 North Carolina

a. MCB Camp Lejeune

(1) Removal of Waste from Camp Lejeune

Remove and dispose of rubbish and debris from Government property.

(a.) Provide 24-hour advance written notice to the Contracting Office of Contractor's intention to dispose of off base.

(b.) Disposal at sites or landfills not holding a valid state of North Carolina permit is specifically prohibited. The prohibition also applies to sites where a permit my have been applied for but not yet obtained.

(c.) Off-base disposal of construction debris outside the parameters of this paragraph at site without State permits and/or not in

accordance with regulatory requirements will require the Contractor at his own expense to remove, transport and relocate the debris to a State approved site. The Contractor will also be required to pay any fines, penalties, or fees related to the illegal disposal of construction debris.

(d.) Metal will not be accepted at the Base Sanitary Landfill. Materials which may be deposited in the landfill include:

CATEGORY	**CONSTRUCTION DEBRIS DISPOSAL - BASE SANITARY LANDFILL EXAMPLE/GENERAL INFORMATION FOR DEPOSIT IN THE LANDFILL**
Mixed Debris	The following materials may be placed in the landfill in a location designated by the landfill operator. These items may be mixed together.
	Sheetrock - plaster - glass (broken) Non asbestos insulation - (fiberglass and mineral wool will be bagged).
	Packing paper, Styrofoam, and pasteboard boxes Non-asbestos roofing materials such as shingles built-up and shingle roofing. Painted wood such as doors, windows, siding, and trim.
	Plastic/fiberglass such as pipe, electrical boxes, cover plates, etc. Ceramic and vinyl flooring or tile - ceiling tile.
Masonry and Concrete	Deliver concrete, block, brick, mortar to the landfill separate from any other items, and place in a location designated by the landfill operator. Reinforcement wire and rebar will be removed flush with exposed surfaces.
Non-recyclable Cardboard	Breakdown corrugated cardboard boxes and deliver to the Base Recycling Center located at Building 913. If Base personnel rejects the cardboard, take cardboard to the landfill.
Non-recyclable Wall Pallets	Deliver usable pallets to the Base Recycling Center located at Building 913. If base personnel rejects the pallets, take pallets to the landfill.
Treated Wood	Deliver treated wood, and such as piling and power poles, to the landfill separated from any other items, and place in locations as designated by the landfill operator.

CATEGORY	CONSTRUCTION DEBRIS DISPOSAL - BASE SANITARY LANDFILL EXAMPLE/GENERAL INFORMATION FOR DEPOSIT IN THE LANDFILL
Untreated/Unpainted Wood	Deliver lumber, trees, stumps, limbs, tops, and shrubs to the landfill separated from any other items, and place in locations as designated by landfill operator.
Organic Matter	Deliver leaves, pine straw, and grass clippings to the landfill separated from any other items, and place in locations as designated by landfill operator. No bags or containers are allowed.
Fiberglass Tanks - 550 Gallons or less	Clean tanks before deliver to landfill.
Asphalt Pavement	Remove pavement from Government property and deliver to an asphalt-recycling establishment. Provide a record of the total tons of asphalt recycled and the corporate name and location of the recycling establishment receiving the removed asphalt.
Weigh each and every vehicle delivering debris	Separate each category of construction debris at construction site and deliver separately to the landfill.
Weigh each and every vehicle delivering debris	Place each category of construction debris in the landfill at the location designated by the landfill operator.
Asbestos	Refer to PART 4, PERFORMANCE TECHNICAL SPECIFICATIONS, F20, SELECTIVE BUILDING DEMOLITION.
Lead Based Paint and Materials	Refer to PART 4, PERFORMANCE TECHNICAL Materials SPECIFICATIONS, F20, SELECTIVE BUILDING DEMOLITION.
Metals	Metals will not be accepted at the landfill. Remove metals from each and every category before delivery to the landfill. (Example: Remove hardware from doors and windows)
	Dispose of metal construction debris at Defense Reutilization Maintenance Office (DRMO) Building TC-861, Camp Geiger.
	Aluminum, brass, copper, lead, other metal, electrical wiring, cable (cut in 3 foot or less sections)

b. MCAS Cherry Point

1.4.7 New York

1.4.8 Main

1.4.9 District of Columbia

1.4.10 Other Northeast States

][1.5 MIDWEST

****
NOTE: Applicable environmental requirements such as; erosion/sediment control, storm water, hazardous waste, and solid waste may have unique state regulations that exceed the requirements of Section 01 57 19.00 20, TEMPORARY ENVIRONMENTAL CONTROLS. The FEC should edit this section to include these unique state requirements for each state listed below.
****

****
NOTE: For each installation listed below, provide the following:
1. Unique local requirements that exceed Section 01 57 19.00 20 requirements and/or state regulations.
2. Environmental Point of Contact information for design review and base specific requirements.
3. For every installation in area of responsibility, the FEC shall identify the facility Hazardous Waste Generator status as specified in Section 01 57 19.00 20 paragraph entitled "Facility Hazardous Waste Generator Status."
4. For each installation listed below, provide specific requirements of the installation's Environmental Management System (EMS) that relate to construction operations. Identify those site specific EMS actions that the Contractor must perform under this contract.
****

1.5.1 Illinois

a. Great Lakes

1.5.2 Indiana

a. NWS Crane

1.5.3 Tennessee

a. Midsouth

1.5.4 Other Midwest States

][1.6 NORTHWEST (Washington)

****

NOTE: The following paragraphs are tailored for NAVFAC NW use.

****

[1.6.1 Regulatory Notifications

****

NOTE: Choose the first bracketed sentence and delete the second bracketed sentence for projects at Everett, Indian island, NBK Bangor, NBK Keyport, and Whidbey. At NBK Bremerton, choose the second bracketed sentence and delete the first.

****

[Submit drafts of all regulatory notifications to the Contracting Officer for review and approval prior to submission to the applicable regulatory agency and prior to commencement of work activities.][Submit drafts of all regulatory notifications to the Contracting Officer for review, approval, and subsequent Government submittal to the applicable regulatory agency prior to the start of work covered by the notification.] The Contractor is responsible for associated fees. Typically, regulatory notifications must be provided for the following (this listing is not all inclusive): demolition, renovation, NPDES defined site work, UST installation, removal, closure, or change of service, nonroad engine siting and operation, and remediation of controlled substances (asbestos, hazardous waste, lead paint).

][1.6.2 Environmental Manager

****

NOTE: The appointment of Environmental Manager is always required at PSNS & IMF and NBK Bremerton. Therefore, if the requirement was deleted from 01 57 19.00 20 due to project ECC less than $750,000, then include the bracketed text reinstating the requirement for PSNS and NBK Bremerton projects.

****

Appoint in writing an Environmental Manager for the project site. The Environmental Manager will be directly responsible for project compliance with Federal, State, local, and station requirements.

The Environmental Manager will implement the Environmental Protection Plan, including management of natural resources, protection of historical and archaeological resources, storm water management and control, waste management, regulatory notifications and permits, air pollution control, and spill prevention and response. The Environmental Manager shall control and operate waste accumulation areas, or have direct supervision over an alternate accumulation area operator.

]1.6.3 Contractor Employee Training Records

****

NOTE: Choose the following bracketed paragraph for projects at NBK Bangor.

****

[NBK Environmental Division Waste Originator Training Certification is

obtained by attending the Bangor Waste Originator Class and passing the Originator Test given at the end of the class. Contact the Contracting Officer for dates and times of the Originator Class.
]

****
NOTE: Choose the following bracketed paragraph for projects at NBK Keyport.
****

[NBK Keyport Waste Originator Training Certification is obtained by taking the electronic 'Hazardous Waste Site Manager/Alternate (Waste Generator)' training module (contact the Contracting Officer for an electronic copy) and passing the test at the end of the training module. Training must be completed and documented prior to the generation of waste.
]

****
NOTE: Choose the following bracketed paragraph for projects at NBK Bremerton.
****

[All employees must be familiar (read and understand) the approved Environmental Protection Plan and the "Contractor's Guide to Environmental Compliance." The contractor may elect to complete the ECATTS course titled "Site Specific Hazardous Waste Management Training for the Bremerton Naval Complex" in order to satisfy the Contractor 40 CFR Employee Training Records submittal per section 01 57 19.00 20. Taken annually, this course will satisfy the refresher training requirement of WAC-173-303 for work at NBK Bremerton and would not be required per project.

Submit an ECATTS certificate of completion for personnel who have completed the required training. This training is web-based and can be accessed from any computer with Internet access using the following instructions.

Register for NAVFAC Environmental Compliance Training and Tracking System, by logging on to http://navfac.ecatts.com/. Obtain the password for registration from the Contracting Officer.
]

****
NOTE: Choose the following bracketed paragraph for projects at Everett.
****

[Contractor personnel generating hazardous waste must obtain Site-Specific Hazardous Waste Training. Allow 1 hour for training. Coordinate with the NAVFAC NW PWC Environmental Division, 425-304-3470.

] Train employees in accordance with WAC-173-303-330. Training must be completed and documented prior to the generation of waste.

1.6.4 Refrigerant Work Checklist

Submit a completed Refrigerant Work Checklist form to document that work was performed in compliance with 40 CFR 82 requirements. One form shall be completed for each piece of equipment containing refrigerant that is installed, removed, or serviced as part of this contract.

1.6.5 Environmental Protection Plan (EPP)

****

NOTE: Permit requirements are found in the Permits Record of Decision (PROD).

****

The following clarifications and requirements supplement paragraph ENVIRONMENTAL PROTECTION PLAN in Section 01 57 19.00 20, TEMPORARY ENVIRONMENTAL CONTROLS.

1.6.5.1 Control and Disposal of Solid and Sanitary Waste

****

NOTE: For NBK Bangor, choose the second bracketed paragraph and delete the first. For other locations, choose the first bracketed paragraph and delete the second.

****

[Include the Solid Waste Management Plan from Section 01 57 19.00 20, TEMPORARY ENVIRONMENTAL CONTROLS, as part of the Environmental Protection Plan. Identify each solid waste disposal facility, including: the type of facility, name, physical address, phone numbers, issuing authority and approval signature, permitted entity and period of issuance for all wastes. Submit a copy of the county hauling permit (for non-exempt franchised haulers).][Include the Solid Waste Management Plan from section 01 57 19.00 20 as part of the Environmental Protection Plan. Specify name and address of permitted refuse disposal facilities (clearly state how asbestos waste will be handled). Specify procedures for providing the Contracting Officer with dump tickets with waste quantities, and dates of disposal. Specify procedures for providing refuse waste quantities, dates and certifications of disposal on the Refuse and Recycle Quantity Form.
]

****

NOTE: Choose PSNS&IMFINST 5090.30 and 5090.5 for projects at NBK Bremerton, choose BKCHD 2010-1 for projects in Kitsap County, or choose JCC Chapter 8.10 projects at Indian Island. Choose WAC regulations for projects in Washington State.

****

Perform all waste management practices in accordance with [PSNS&IMFINST 5090.30, Water Pollution Prevention and Control Plan; PSNS&IMFINST 5090.5, Waste Management Plan] [Bremerton-Kitsap County Health District Ordinance 2010-1, Solid Waste Regulations;] [Jefferson County Code, Chapter 8.10, Solid Waste Regulations;] [WAC-173-303, WAC-173-350,] 40 CFR 262, 40 CFR 263, 40 CFR 264, 49 CFR 172, and 49 CFR 178.

1.6.5.2 Control and Disposal of Hazardous Waste

****

NOTE: For projects at NBK Bangor, NBK Keyport, Indian Island, and most projects at NBK Bremerton, the Contractor will turn-in dangerous waste for disposal by the Government. Therefore, delete Section 01 57 19.00 20, "Hazardous Waste Disposal" paragraphs requiring Contractor transportation and disposal of dangerous waste.

Choose first bracketed paragraphs below and delete second.

****

****

NOTE: For NBK Bremerton, choose from the following options. Choose "turn-in" paragraphs by default. Choose "disposal" paragraphs rarely for NBK Bremerton projects generating large quantities of dangerous waste.

For Whidbey Island and Everett, choose the second set of bracketed paragraphs below and delete the first.

****

[1.6.5.2.1 Contractor-Generated Dangerous Waste Turn-in

Specify procedures to handle, process and dispose Contractor-generated dangerous waste. All project generated dangerous waste will be turned into the government for disposal.

Collect dangerous waste in Department of Transportation (DOT) approved containers in accordance with 49 CFR 171, 49 CFR 172, and 49 CFR 178 properly labeled to identify the type of waste, hazard to personnel, and the start date. Containers and labels will be supplied by the Government. Notify the Contracting Officer 14 calendar days in advance for request of bulk containers. Request is accomplished by submission of a WIS including an estimated quantity of dangerous waste and the number of containers. Identify dangerous waste generated within the confines of the station by the use of the station's EPA generator identification number. Accumulate in an approved satellite or 90-day accumulation area meeting the requirements set forth in WAC-173-303. Contact the Contracting Officer no more than 45 calendar days from the start date for 90-day accumulation areas to arrange for transport. Accumulate bulk dangerous wastes in a 90-day area. Turn in non-bulk dangerous waste from a 90-day area within 45 days of the start date. Turn in dangerous waste from satellite accumulation areas to the government prior to exceeding time and quantity limits. On-site treatment of waste is prohibited.

][1.6.5.2.2 Contractor-generated Dangerous Waste Disposal

Specify procedures to handle, process and dispose Contractor-generated dangerous waste. For disposal at a TSDF, provide the following if the TSDF is not on the approved list of the Defense Reutilization and Marketing Service (available http://www.dispositionservices.dla.mil/newenv/documents/qualfac.pdf: facility name, physical address, telephone number, description of the facility, EPA waste numbers that the facility accepts, and date of most recent Resource Conservation and Recovery Act(RCRA) inspection. If in the DRMS list then provide name & physical address.

For all transporters to be used to transport Dangerous Waste, furnish the following: Name, address, EPA ID number and phone number of the transport firm and the principal contractor. On-site treatment of waste is prohibited.

][1.6.5.2.3 NBK Bangor

****

NOTE: Select the following text for work at NBK Bangor.

Complete Waste Information Specification (WIS), in accordance with paragraph WASTE DETERMINATION DOCUMENTATION, for each waste stream. Contractor personnel submitting WIS forms must have already received Bangor Waste Originator Training and Certification.

(1) Disposal and turn-in procedures for all waste: Explain how all waste designated by the Government shall be disposed in accordance with WIS instructions.

(2) Dangerous and Industrial Encountered Waste Turn-In: All project generated dangerous waste will be turned into the government for disposal. Describe how waste is to be packaged and turned over to the Government (per WIS instructions) for disposal.

(3) Contractor Generated Waste: Specify how the Contractor Generated Waste shall be handled and disposed. Specify how the generation of Contractor Generated Dangerous or Industrial Waste shall be minimized by removing excess hazardous material (HM) off government property for future use.

][1.6.5.2.4 NBK Keyport

NOTE: Select the following text for work at NBK Keyport.

NBK Keyport will not provide a copy of the Hazardous Waste Management Plan. All information required for the control and disposal of Hazardous Waste at NBK Keyport is included in the 'Hazardous Waste Site Manager/Alternate (Waste Generator)' training module and the NAVSEA Keyport Contractor's Guide to Environmental Compliance.

(1) Disposal and turn-in procedures for all waste: Explain how all waste designated by the Government shall be disposed of in accordance with Waste Generation Record (WGR) instructions. Complete WGR per paragraph titled "Waste Determination Documentation," for each waste stream. Contractor personnel submitting WGR forms must have already received Keyport Waste Originator Training and Certification.

(2) Dangerous and Industrial Encountered Waste Turn-In:. All project generated dangerous waste will be turned into the government for disposal. Describe how waste is to be packaged and turned over to the Government for disposal using Government-provided WDRs.

][1.6.5.2.5 Indian Island

NOTE: Choose the following text for work at Indian Island.

Complete Waste Generation Record (WGR), in accordance with paragraph WASTE DETERMINATION DOCUMENTATION, for each waste stream. Contractor

personnel submitting WGR forms must have already received Bangor Waste Originator Training and Certification.

(1) Provide Contractor plan for the control for all hazardous waste. All project generated dangerous waste will be turned into the Government for disposal. Explain how all hazardous waste designated by the Government shall be handled and turned in to the Government in accordance with WGR instructions.

(2) Explain how the Contractor shall make feasible efforts to minimize, reclaim, reduce, and eliminate the generation of hazardous wastes.

(3) Contractor Generated Waste: Specify how the Contractor Generated Waste shall be handled. Specify how the generation of Contractor Generated Dangerous or Industrial Waste shall be minimized by removing excess hazardous material (HM) off Government property for future use.

]1.6.5.3 Salvage, Reuse and Recycle

Identify anticipated materials and waste for salvage, reuse, and recycling. Describe actions to be taken to promote material reuse or resale and/or recycling.

Include the name, physical address, and telephone number of the hauler, if transported by a franchised solid waste hauler. Include destination and, unless exempted, provide a copy of the state or local permit (cover) or license for recycling.

1.6.5.4 Storm Water Management and Control

****
NOTE: Choose first bracketed option for Construction projects that disturb 1 acre or more. Choose second bracketed option for all other projects.
****

[This project disturbs 4047 sq. meters 1 acre or more. A SWPPP is required, and must be submitted under separate cover in lieu of this section of the Environmental Protection Plan.

][A narrative of the storm water management and control is required. Include the following:

a. A brief project description

b. Total disturbed acreage

c. US Waters that the project will drain onto

d. The sequence of construction events

e. Stormwater Best Management Practices (BMPs) that will be applied to the site[including mandatory Bremerton Naval Complex Best Management Practices (BMPs)].

f. Site map showing location of BMP measures

g. Description of weekly inspections

h. How and where hazardous materials will be handled and stored on site

i. Exposed soil coverage practices

j. Final site stabilization method(s)

]1.6.5.5 Clean Air Act Compliance

****
NOTE: At NBK Bangor, NBK Keyport, NBK Bremerton, and Everett choose PSCAA. At Indian Island, choose ORCAA. At Whidbey, choose NWCAA.
****

Identify any air pollution generating equipment or processes that may require a Notice of Construction pursuant to [PSCAA][ORCAA][NWCAA] Regulation.

Identify portable and stationary internal combustion engines (ICEs) that will be supplied, used, or serviced. Address compliance with 40 CFR 60 Subpart IIII, 40 CFR 63 Subpart ZZZZ, and [PSCAA][ORCAA][NWCAA] Regulations as applicable.

****
NOTE: Include the following form for work at Everett, NBK Bangor, NBK Keyport, and NBK Bremerton.
****

[Include PSCAA Non-Road Engine Notification Form
]

****
NOTE: Include the following bracketed items a through e for work at Whidbey Island and Indian Island.
****

As a minimum, include the following:

[a. Identify engine certification status.

b. Identify non resettable hour meter status.

c. For portable (skid or trailer mounted) ICE's, identify the make, model, manufacture date, size, and brake horsepower.

d. Identify methods of recording run time and reason for operation.

e. Do NOT include motor vehicles.

] f. Identify management practices to ensure that HVAC work involving refrigerants complies with 40 CFR 82 requirements.

g. Identify planned air pollution generating processes and management control measures (including but not limited to spray painting, abrasive blasting, demolition, material handling, fugitive dust, and fugitive emissions).

1.6.5.6 Licenses and Permits

****
NOTE: Identify all local permit requirements, as found in the Permits Record of Decision (PROD).

Identify, and include copies of, all project permits obtained by the Government (prior to award) in Section 01 57 19.00 20.
****

[a. Notice of Construction (NOC)and Notice of Completion

****
NOTE: Include the bracketed text if NOC is required. Delete this subparagraph if NOC is not required. Permit requirements are found in the Permits Record of Decision (PROD). NOC permits may require up to 120 days to receive approval from outside regulatory agencies. Examples of taskings that may require an NOC include, but are not limited to, the following:
- Installation of certain Boilers or other stationary combustion sources such as electrical generators
- Certain portable combustion sources (not including motor vehicles)
- Blasting or paint spray booths
- Fuel storage tanks, dispensers, and loading racks
- Modification of existing equipment that has a NOC
- Industrial ventilation and dust control systems to control dust and fumes from activities such as grinding, sanding, or solvent cleaning.
****

Schedule to allow for up to 120 days for NOC permits to receive approval from outside regulatory agencies. Prepare and forward the permit application package to the Contracting Officer for approval and submittal to the applicable regulatory agency. The Contractor is responsible for associated fees. Permit approval must be obtained prior to the start of work covered by the permit. Upon completion of work, notify the Contracting Officer who will submit the Notification of Completion to the applicable regulatory agency.

Equipment and work provided as part of this contract must comply with all terms and conditions of the permit, and all other applicable federal, state, and local air pollution control regulations.

]][1.7 SOUTHEAST

a. Dirt and Dust Control Plan: Submit truck and material haul routes along with a plan for controlling dirt, debris, and dust on base roadways. As a minimum, identify in the plan the subcontractor and equipment for cleaning along the haul route and measures to reduce dirt, dust, and debris from roadways.

****
NOTE: Applicable environmental requirements such

as; erosion/sediment control, storm water, hazardous waste, and solid waste may have unique state regulations that exceed the requirements of Section 01 57 19.00 20, TEMPORARY ENVIRONMENTAL CONTROLS. The FEC should edit this section to include these unique state requirements for each state listed below.
****

****
NOTE: For each installation listed below, provide the following:
1. Unique local requirements that exceed Section 01 57 19.00 20 requirements and/or state regulations.
2. Environmental Point of Contact information for design review and base specific requirements.
3. For every installation in area of responsibility, the FEC shall identify the facility Hazardous Waste Generator status as specified in Section 01 57 19.00 20 paragraph entitled "Facility Hazardous Waste Generator Status."
4. For each installation listed below, provide specific requirements of the installation's Environmental Management System (EMS) that relate to construction operations. Identify those site specific EMS actions that the Contractor must perform under this contract.
****

1.7.1 Florida

a. Naval Air Station, Jacksonville

1. Additional Temporary Environmental Controls

(a.) Petroleum Contaminated Wastes; Surface water, groundwater, soil, or sediment that has the presence of petroleum or petroleum products or their chemical constituents (except hazardous waste as defined in the paragraph entitled "Hazardous Waste" in Section 01 57 19.00 20 TEMPORARY ENVIRONMENTAL CONTROLS in quantities that exceed the applicable cleanup target levels as stated in FL 62-770.

(b.) Environmental Protection Requirements: NAS Jacksonville is governed by the Federal Facilities Agreement (FFA) signed by the Navy, the Environmental Protection Agency, and the Florida Department of Environmental Protection. The FFA is incorporated by reference into this contract and all subcontracts. Specific restoration sites have been identified in the FFA, and other Contractors or Government personnel may undertake sampling, investigative work, or remediation actions related to other projects simultaneously with the efforts related to this project. Information concerning this agreement or specific site information may be obtained from the Facilities Department, NAS Jacksonville. [Test soil and groundwater that will be disposed under this contract in accordance with the paragraph entitled "Laboratory Analysis" in Section 01 57 19.00 20 TEMPORARY ENVIRONMENTAL CONTROLS.]

(c.) Proof of Required Training: The Contractor shall maintain a copy of the training certificate at the job site showing that he completed the required module(s) in accordance with requirements in paragraph "Environmental Compliance Training and Tracking" in Section 01 57 19.00 20. This training shall be completed prior to starting work on this project, but not later than 30 days after award of the contract. The Contractor shall carry a wallet size card demonstrating that he completed the required module(s). The card shall be presented to the Contracting Officer or his/her representatives upon request.

(d.) Protection of Natural Resources: Remove trees and other landscape features scarred or damaged by equipment operations, and replace with equivalent, undamaged trees and landscape features. Obtain Base Natural Resources Manager approval via the Contracting Officer before replacement.

(e.) Control and Disposal of Hazardous Wastes: Hazardous waste generated during construction shall be disposed of through PWC Jacksonville and shall not be taken off station by the contractor. The Contractor is responsible for paying all disposal costs in accordance with PWC Jacksonville's published rates. Air drying any containers to render them empty is prohibited.

****
NOTE: The following paragraph is in addition to the paragraph entitled "Hazardous Waste/Industrial Waste/regulated Waste Storage Areas" in Section 01 57 19.00 20 TEMPORARY ENVIRONMENTAL CONTROLS.
****

For Hazardous Waste accumulation areas, submit weekly hazardous waste inspection logs to the Station Hazardous Waste Manager via the Contracting Officer and maintain compliance with 40 CFR 265.16 personnel training requirements. The Contractor shall ensure all containers are kept closed, except when adding or removing waste, that containers remain in good condition and are properly labeled, by PWC Jacksonville or the Station. Regulated waste storage/Satellite Accumulation 190 day storage.

(f.) Batteries: Dispose of lead-acid batteries that are not damaged or leaking at the NAS Jacksonville MWR Recycling Center or a State approved battery-recycling facility. For lead-acid batteries that are leaking or have cracked casings, dispose of the battery by calling PWC Jacksonville for disposal. The management and disposal of waste lead-acid batteries and electrolyte shall comply with requirements for management and disposal of hazardous wastes. Alkaline batteries, non-alkaline batteries, lithium batteries, metal hydride batteries, and nickel-cadmium batteries shall be collected and segregated by type for turn-in to the activity for disposal/recycling.

(g.) Mercury Containing Devices: Prior to starting work, remove bulbs, thermostats, switches, and other components that contain mercury. Upon removal, place items containing mercury in DOT approved containers, label, and turn over to the activity for disposal/recycling. For projects at NAS Jacksonville, fluorescent bulbs are to be turned in to Self-Help for recycling. For projects at Naval Aviation Depot and Naval Hospital Jacksonville,

turn them in to the appropriate environmental office as directed by the Contracting Officer. The management of mercury containing devices shall comply with the requirements for management and disposal of hazard waste or Universal Waste as applicable. All bulbs will be boxed, stenciled with the words "spent mercury containing devices for recycling" and the date of accumulation.

(h.) Aerosol Cans: Aerosol cans shall not be disposed of as solid waste or construction and demolition debris. Cans shall be collected and segregated from other waste in a suitable container on the job site. The container shall be labeled "aerosol; cams for recycling" and turned in to the General HM Locker at Building 102.

Disposal of Regulated Waste: In accordance with Station requirements, accumulate regulated waste in DOT approved containers. Ensure that containers remain closed except when adding or removing waste and that they are marked with the appropriate Non-Hazardous Waste Label, which will be provided by PWC Jacksonville or the Station. Air drying any containers to render them empty is prohibited. Regulated wastes, except for asbestos and petroleum contaminated wastes, shall be disposed of through PWC Jacksonville and shall not be taken off Station by the Contractor. The Contractor is responsible for paying all disposal costs in accordance with PWC Jacksonville's published rates.

(i.) Disposal of Petroleum Contaminated Wastes: Disposal of petroleum contaminated waste in accordance with Federal, State, and local regulations. Removal of petroleum contaminated waste from Government property shall not occur without prior notification and coordination with the Contracting Officer. Transport petroleum contaminated waste by a permitted, licensed, or registered transporter to a permitted facility. Petroleum contaminated waste shall be properly identified, packaged, and labeled. Provide completed Non-Hazardous Waste Manifest for petroleum contaminated waste disposal of off-site to the Contracting Officer within seven days of disposal.

(j.) Disposal of PCB and Non-PCB Light Ballasts: All light ballasts shall be removed from light fixtures. Ballasts shall be accumulated and stored in DOT approved containers. Ensure that containers remain closed except when adding or removing waste and that they are marked with the appropriate Non-Hazardous Waste Label, which will be provided by PWC Jacksonville or the Station. Disposal shall be in accordance with provisions in paragraph entitled "Disposal of Regulated Wastes".

b. Naval Air Station, Pensacola

(1.) Excavation Permits

Before any excavation is started, an approved NAS Pensacola Permit shall be obtained through the Contracting Officer (excavation is defined as digging or opening of an existing surface to a depth exceeding eight inches below the existing grade, as well as driving of piles or auger borings). The permit form is self-explanatory. Applicable items on the permit form shall be filled in by the Contractor and given to the Contracting Officer

in sufficient time to permit processing by Station personnel, but not less than five working days prior to planned excavation.

(2.) Cultural Resource Protection

In the performance of work under this contract, materials which may qualify as a cultural (historical/archaeological) resource may be inadvertently discovered in the land and water areas of NAS Pensacola. Should materials which appear to have any cultural resource interest be discovered, the work shall be stopped at the discovery site pursuant to FAR Clause "Suspension of Work", the Contracting Officer shall be notified and the discovery site shall be isolated and protected as directed. The resumption of any work at the discovery site shall be delayed until specifically authorized by the Contracting Officer.

(3.) Each contractor and subcontractor employee doing construction or service work on this project shall complete a course entitled "NAS Pensacola Environmental Compliance Training" using the internet site developed by the U.S. Navy and Florida Dept of Environmental Protection. The web site can be accessed at the following address: http://www.navfac.navy.mil. Log on: contract (lower case), Password: navfac (lower case).

After gaining entry, you can establish your own password. Each contractor and subcontractor employee doing (or managing) construction or service work on this project shall have a certificate on file at the job site showing that they have completed this course. All employees (except those involving in any painting, caulking, asbestos work or well pointing) shall complete the training within 30 days of mobilization on this project. Employees doing painting, caulking, asbestos work or well pointing shall have all training complete before staring work on this project. Within 30 days of mobilization, the contractor shall submit a letter to the Contracting Officer certifying that all employees have obtained training along with copies of all certificates. The letter shall also certify that all future employees will obtain training in accordance with this specification requirement.

1.7.2 Georgia

a. Naval Submarine Base, Kings Bay

1.7.3 Mississippi

a. Naval Construction Battalion Command, Gulfport

(1.) Excavation Permits

Before any excavation is started, an approved NCBC Gulfport permit shall be obtained through the Public Works Management Engineering Division via the Contracting Officer (excavation is defined as digging or opening of an existing surface to a depth exceeding eight inches below the existing grade, as well as driving of piles or auger borings). The permit form is self-explanatory. Applicable items on the permit form shall be filled in by the Contractor and given to the Contracting Officer in sufficient time to permit processing by Station personnel, but not less than five

working days prior to planned excavation.

b. Naval Air Station, Meridian

(1.) Contractor Hazardous Material Inventory Log

Submit a "Contractor Hazardous Material Inventory Log" to the Contracting Officer on the 10th day of each month. Copies of the base specific forms can be obtained from the Contracting Officer

1.7.4 South Carolina

a. Naval Weapons Station, Charleston

1.7.5 Texas

a. Naval Air Station, Corpus Christi

b. Naval Air Station, Dallas

1.7.6 Other Southeast States

]1.8 SOUTHWEST

****
NOTE: Applicable environmental requirements such as; erosion/sediment control, storm water, hazardous waste, and solid waste may have unique state regulations that exceed the requirements of Section 01 57 19.00 20, TEMPORARY ENVIRONMENTAL CONTROLS. The FEC should edit this section to include these unique state requirements for each state listed below.
****

****
NOTE: For each installation listed below, provide the following:
1. Unique local requirements that exceed Section 01 57 19.00 20 requirements and/or state regulations.
2. Environmental Point of Contact information for design review and base specific requirements.
3. For every installation in area of responsibility, the FEC shall identify the facility Hazardous Waste Generator status as specified in Section 01 57 19.00 20 paragraph entitled "Facility Hazardous Waste Generator Status."
4. For each installation listed below, provide specific requirements of the installation's Environmental Management System (EMS) that relate to construction operations. Identify those site specific EMS actions that the Contractor must perform under this contract.
****

1.8.1 Arizona

Regulatory Requirements for the Notice of Intent

Contractor submits the following to the Arizona Department of Environmental Quality (ADEQ): Vicinity Map, Notice of Intent (NOI), (ADEQ) does not require a filing fee). If the construction project is scheduled to exceed one year, submit NAVFAC SW Legal Fee Letter to ADEQ - attach to NOI. ROICC or FEAD Contracting Officer reviews and signs NOI/NOT.

If discharges to a unique or impaired water body are proposed, the SWPPP must be submitted along with the NOI. See General permit for instructions. The owner/operator shall complete and submit a complete Notice of Termination (NOT) to the ADEQ within 30 days after permit conditions have been met.

Arizona Pollutant Discharge Elimination System General Permit for Dischargers from Construction Activities to Water of the United States 2008Permit No. AZG2013-001 expires June 2, 2018.

http://www.azdeq.gov/environ/water/permits/download/2013_cgp.pdf

1.8.2 California

a. Regulatory Requirements for the Notice of Intent

Contractor submits the following to the State Water Resources Control Board (SERCB): Site map of the Vicinity, Notice of Intent (NOI), and applicable filing fee (not to exceed $700.00). If the construction project is scheduled to exceed one year, submit NAVFAC SW Legal Fee Letter to SWRCB - attach to NOI. State of California requires the NOI to be submitted 30 days prior to start of Construction. ROICC or FEAD Contracting Officer reviews and signs NOI/NOT.

Complete and submit the Notice of Termination (NOT) to your local Regional Water Quality Control Board (RWQCB).

http://www.waterboards.ca.gov/water_issues/programs/stormwater/docs/indusnot.pdf
National Pollutant Discharge Elimination System for Storm Water Discharges Associated with Construction Activities (General Permit). This permit expires February 16th of 2017.

http://www.epa.gov/npdes/pubs/cgp2012_finalpermit.pdf

b. Storm Water Notice of Termination

Submittal of the Notice of Termination (NOT) constitutes notice that the owner (and their agent) of the site identified on this form is no longer authorized to discharge storm water associated with construction activity by NPDES General Permit No. CAS000002. Submit Notice of Termination to the appropriate Executive Officer of the Regional Water Quality Control Board responsible for the area in which the facility is located. The Resident Officer in Charge of Construction (ROICC) or Facilities Engineering Acquisition and Design (FEAD) Contracting Officer reviews and sign the NOT.

c. Sampling and Analysis of Hazardous Waste

The analysis will be performed by a California certified laboratory.

1.8.3 Nevada

a. Regulatory Requirements for the Notice of Intent

Contractor submits the following to the Nevada Division of Environmental Protection (NDEP): Vicinity Map and Notice of Intent (NOI)(ADEQ does not require a filing fee). If the construction project is scheduled to exceed one year, submit NAVFAC SW Legal Fee Letter to ADEQ - attach to NOI. ROICC or FEAD Contracting Officer reviews and signs NOI/NOT.

Notice of Termination: The owner/operator shall submit a complete and accurate Notice of Termination (NOT) to the NDEP within 30 days after permit conditions have been met.

2002 Storm Water Nevada General Permit No. NRV10000-General Permit expires on September 15th of 2007.
http://ndep.nv.gov/bwpc/conperm02.pdf

NDEP Best Management Practices Handbook:
http://ndep.nv.gov/bwqp/bmp05.htm

1.8.4 Other Southwest States

][1.9 PACIFIC

****
NOTE: Applicable environmental requirements such as; erosion/sediment control, storm water, hazardous waste, and solid waste may have unique state regulations that exceed the requirements of Section 01 57 19.00 20, TEMPORARY ENVIRONMENTAL CONTROLS. The FEC should edit this section to include these unique state requirements for each state listed below.
****

****
NOTE: For each installation listed below, provide the following:
1. Unique local requirements that exceed Section 01 57 19.00 20 requirements and/or state regulations.
2. Environmental Point of Contact information for design review and base specific requirements.
3. For every installation in area of responsibility, the FEC shall identify the facility Hazardous Waste Generator status as specified in Section 01 57 19.00 20 paragraph entitled "Facility Hazardous Waste Generator Status."
4. For each installation listed below, provide specific requirements of the installation's Environmental Management System (EMS) that relate to construction operations. Identify those site specific EMS actions that the Contractor must perform under this contract.
****

a. Control and Disposal of [Ionization Smoke Detectors][Tritium Exit Signs]

****
NOTE: For NAVFAC PAC projects requiring control and disposal of ionization smoke detectors (which contain low-level radioactive material) and tritium exit signs by Radiological Affairs Support Office (RASO).
****

(1.) Material Bagging

Remove existing [ionization smoke detectors][and tritium exit signs,] and place like types, together; i.e. same manufacturer and model number, in a plastic bag. Provide a label on the bag with the following data:

Manufacturer: Activity:
MODEL No.: Contract No.:
Isotope/Quantity (if known):

(2.) Material Storage

****
NOTE: Insert applicable activity in the blank space.
****

Store plastic bags in 55-gallon covered drum(s). Do not seal the drum(s). Provide a label entitled "RADIOACTIVE" and storage inventory form applied to exterior surface of the cover and side of the drum(s). Provide a record copy, with the following data (example), for each drum storage inventory to the Contracting Officer, [the RASO at COMNAVREG Pearl Harbor], and [_____].

(3.) Storage Site and Disposal

****
NOTE: For NAVFAC PAC projects where government is responsible for storage and disposal. Insert location of storage site in the blank space.
****

Deliver drums to [_____] [MCBH Bunker 709, Sumner Road] [PWC Pearl Harbor Bldg. [_____]] for storage and disposal of [ionization smoke detectors] [and] [tritium exit signs] [as directed by the Contracting Officer].

(4.) Storage and Disposal by Contractor

****
NOTE: For NAVFAC PAC projects where the contractor is responsible for storage and disposal.
****

The Contractor will be responsible for storage and disposal of [ionization smoke detectors] [and tritium exit signs] in accordance with Federal, State and local laws and regulations.

1.9.1 Hawaii

1.9.2 Guam

1.9.3 Japan

][1.10 EUROPE

****
NOTE: Applicable environmental requirements such as; erosion/sediment control, storm water, hazardous waste, and solid waste may have unique state regulations that exceed the requirements of Section 01 57 19.00 20, TEMPORARY ENVIRONMENTAL CONTROLS. The FEC should edit this section to include these unique state requirements for each state listed below.
****

****
NOTE: For each installation listed below, provide the following:
1. Unique local requirements that exceed Section 01 57 19.00 20 requirements and/or state regulations.
2. Environmental Point of Contact information for design review and base specific requirements.
3. For every installation in area of responsibility, the FEC shall identify the facility Hazardous Waste Generator status as specified in Section 01 57 19.00 20 paragraph entitled "Facility Hazardous Waste Generator Status."
4. For each installation listed below, provide specific requirements of the installation's Environmental Management System (EMS) that relate to construction operations. Identify those site specific EMS actions that the Contractor must perform under this contract.
****

1.10.1 Italy

a. NAS Naples

b. NAS Sigonella

c. Aviano (NAVFAC EURAFSWA)

1.10.2 Spain

a. NS Rota

1.10.3 Greece

a. NSA Souda Bay

1.10.4 Other European Countries

]PART 2 PRODUCTS

Not Used

PART 3 EXECUTION

Not Used

****
NOTE: Use PART 3 paragraphs for NAVFAC NW only.
Delete "Not Used" above for NAVFAC NW projects.

This article contains tailoring tags for NAVFAC NW use.
****

3.1 NORTHWEST (Washington)

3.1.1 Protection of Natural Resources

****
NOTE: Include the following paragraphs as applicable for the work.
****

[Limit the footprint of construction activities to encompass the minimum area necessary to achieve project objectives. Construction operations must remain within the defined project boundaries. Project boundaries must not be changed without the approval of the Contracting Officer.

][Restore areas disturbed but not developed to original condition or as otherwise specified. Only native species for the local area are permitted for use.

][Implement landscaping and construction operations in a manner that prevents the spread of invasive species (e.g. scotch broom, knotweed, butterfly bush).

][Damaged trees will be appraised. Reimburse the Government for the lost tree value based on current rates at the time the damages occurred.

]3.1.1.1 Erosion and Sediment Control Measures

Polyacrylamide (PAM) must NOT be used as a Best Management Practice for erosion control.

Erosion Control BMPs must be selected for the site to meet the requirements of the WSDE SMM.

****
NOTE: Include the following text for work at NBK Bremerton.
****

Use of straw or hay bales is prohibited.

****

NOTE: Include the following text for work at NBK Bangor.

****

If straw is used as an erosion control BMP, it must be certified weed free.

3.1.1.2 Erosion and Sediment Control Inspection Reports

****

NOTE: For sites disturbing less than one acre, delete this paragraph and subparagraphs, which also must be deleted in Section 01 57 19.00 20.

For sites disturbing 1 acre or more, include the following paragraphs as clarifying direction.

When computing disturbed area, it is generally the sum total of all areas disturbed by the project, including areas for stockpiling and batch plants, and may not necessarily be contiguous.

****

The following clarifications and requirements supplement paragraph EROSION AND SEDIMENT CONTROL INSPECTION REPORTS in Section 01 57 19.00 20 TEMPORARY ENVIRONMENTAL CONTROLS.

3.1.1.2.1 Storm Water Notice of Intent for Construction Activities and Storm Water Pollution Prevention Plan

a. Prepare a Storm Water Pollution Prevention Plan (SWPPP) in accordance with the requirements outlined in 77 FR 12286, EPA's General Permit for Stormwater Discharges from Construction Activities and the latest version of the Stormwater Management Manual for Western Washington. The SWPPP must be completed and approved prior to submitting the Notice of Intent (NOI).

b. Storm Water Notice of Intent: Upon government approval of the SWPPP, submit a draft NOI for the Construction General Permit to the Government for approval prior to EPA submittal. The NOI must be approved by EPA prior to commencing construction activities. Note that EPA imposes a mandatory wait of 14 days after receiving the NOI. Only electronic submittals to EPA are acceptable. The EPA website for completing an electronic NOI is: http://cfpub.epa.gov/npdes/stormwater/cgpenoi.cfm.

c. Public Notice: Post a notice near the main entrance of the construction site with a copy of the NOI, Contractor name, name and phone number of a local contact person (Construction Manager's office), brief description of the project, and the location of the SWPPP.

d. Storm Water Notice of Termination (NOT): Upon completion of construction, submit to the EPA a Notice of Termination (NOT) of coverage under the Construction General Permit.

e. Storm Water Inspection Reports for General Permit: Submit Erosion and Sediment Control Inspection Reports for the project site either weekly or every 14 calendar days and within 24 hours of a storm event that produces 6 mm 0.25 inch of rain or greater. Reports shall meet all reporting and certification requirements described in Section 4.1.7 of

EPA's General Permit.

3.1.1.3 Water Resources

****
NOTE: Include the following for work at NBK Bremerton.
****

[Employ mandatory Bremerton Naval Complex Best Management Practices (BMPs) under the facility's National Pollutant Discharge Elimination System (NPDES) permit. If the applicable BMPs are not effective in preventing the discharge of pollutants, then additional BMPs shall be selected and employed.

] **********
NOTE: Include the following text and table for work at NBK Bangor, NBK Bremerton, or NBK Keyport.
****

[Work near streams, lakes, wetlands, or other waterways, project shall maintain buffers as follows according to the Washington State Wetland Rating System established in WAC-222-30-021:

Wetland Buffer Width on Naval Base Kitsap Properties

Category of Wetland	Buffer Width
Category I	61 meters 200 feet
Category II	30.5 meters 100 feet
Category III	15 meters 50 feet
Category IV	9 meters 30 feet

Riparian Zone Buffer Widths on Naval Base Kitsap Properties

Category of Water Body	Buffer Width
Contains habitat for salmonids, game fish, and other anadromous fish	46 meters 150 feet
Does not contain fish habitat	15 meters 50 feet

]
[3.1.1.3.1 Stormwater Drainage and Construction Dewatering

****
NOTE: Include the following subparagraph for work at NBK Bremerton.
****

Perform dewatering of excavation sites as specified in the Groundwater/Stormwater Flow Chart. Coordinate requirements with Section 31 00 00, EARTHWORK FOR STRUCTURES AND PAVEMENTS, and Section 31 23 00.00 20, EXCAVATION AND FILL.

Submit a Storm Drain/Sanitary Sewer Discharge Approval form to obtain

approval before discharging uncontaminated water into storm drain.

]3.1.1.3.2 Groundwater

Construct, maintain, and decommission any wells and well heads associated with, or impacted by, the project in accordance with Washington State Standards for Construction and Maintenance of Wells (WAC-173-160).

[3.1.1.4 Merchantable Timber

****
NOTE: Include this paragraph if trees or other forest products are present in areas to be cleared or disturbed, either temporarily or permanently (e.g. geotechnical analysis, construction trailer placement, lay-down areas, stormwater ponds, road construction/reconstruction, utility placement, project implementation etc.)
****

Contact the Contracting Officer prior to site disturbance to request a timber appraisal by a Navy Forester.

Delineate the limits of clearing on the ground in a manner that the boundary can be easily identified during timber appraisal. Once delineation is complete, notify the Contracting Officer and allow [30][_____] days for timber appraisal.

Merchantable forest products such as timber and firewood must be appraised and payment received by the government prior to disturbance or removal, in accordance with COMNAVREGNWINST 11015.1, Forest Product Sales and Permit Program. Purchase, through the Navy Forestry program, merchantable forest products at a neutrally determined rate. Timber value and related expenses are not reimbursable under any circumstance. Federal timber may not be exported and timber excise tax is the responsibility of the purchaser.

][3.1.2 Historical and Archaeological Resources

****
NOTE: For NBK Bremerton and PSNS & IMF, use archaeological probability map. Include this paragraph as necessary for the project.
****

Excavation is in an area of [high][moderate] archeological potential. An archeologist [is][is not] required to be on site during excavation activities. Prior to excavation or other work that has potential to affect cultural resources ensure, via the Contracting Officer, that consultation with SHPO and all interested parties is complete.

Existing historical, archaeological, and cultural resources within the Contractor's work area are shown on the drawings. Protect these resources and preserve during the life of the Contract.

]3.1.3 Solid Waste Management Plan And Permit

Incorporate requirements of paragraph SOLID WASTE MANAGEMENT PLAN AND PERMIT in Section 01 57 19.00 20, TEMPORARY ENVIRONMENTAL CONTROLS, into the Environmental Protection Plan.

3.1.3.1 Solid Waste Management Report

****
NOTE: For bracketed items, choose "not required" for work at Everett. Choose "Monthly Project Waste Summary Report" for work at NBK Bremerton or Whidbey Island or "Refuse and Recycle Quantity Form" for work at Indian Island, NBK Bangor, or NBK Keyport.

Attach report or form as appropriate, located at http://www.wbdg.org/ccb/NAVGRAPH/graphtoc.pdf and choose "and attached" in brackets.
****

The Solid Waste Management Report is [not required.][known locally as the Contractor's Monthly Project Waste Summary Report][known locally as the Refuse and Recycle Quantity Form][and attached.]

3.1.3.2 Control and Management of Solid Wastes

****
NOTE: Include the following bracketed text for work at Whidbey Island. Attach Solid Waste tracking sheet located at http://www.wbdg.org/ccb/NAVGRAPH/graphtoc.pdf
****

[Do not dispose of solid waste on Island County nor use the solid waste transfer facilities on Island County. Do not contact County officials.

Complete the Solid Waste Tracking Sheet (SWTS). Complete the SWTS per the instructions on the back of the form. Submit a SWTS for each load of solid waste. This SWTS will require the weight of solid waste to be provided. If scales are not available, calculate the weight based on the formula provided in Monthly Project Waste Summary Report (e.g., for refuse, 3 cubic yards multiplied by 250=750 pounds).

]

****
NOTE: Include the following bracketed text for work at NBK Bremerton.
****

[Complete a serialized Solid Waste Tracking Sheet (SWTS) for each off-site shipment of solid waste (except sanitary sewage), recyclable materials and and non-dangerous recyclable waste. Do not use SWTS for asbestos, PCBs or dangerous waste. Ensure transporter has the SWTS before leaving the base. Hand-off exchange is preferred. When a face-to-face hand-off is not possible, the following procedure is required:

a. Firmly affix a clear (no colors), waterproof envelope to the front left corner of the accumulation container (a zipper sealed baggie duct-taped to the box is acceptable). At the end of the shift prior to pick-up time, inspect the box, complete the applicable portion of the SWTS, and place it in a waterproof envelope.

b. The transporter removes the SWTS from the envelope, signs on the appropriate line, and provides it to the receiver for signature at the

disposal site. The receiver completes their portion of the SWTS and returns it to the Contractor.

c. When no SWTS is in the envelope, the waste will not be transported for disposal.

][3.1.3.2.1 Concrete Operations

****
NOTE: Include this subparagraph as applicable.
****

****
NOTE: Include the following bracketed text for work at NBK Bremerton.
****

[Sawcutting and rinse water must be collected and managed as waste unless the following conditions exist: Water can seep into permeable ground if the quantity is less than 454.6 liters 100 gallons per day, is more than 15.2 meters 50 feet away from a storm drain, open ditch, or receiving water, and the ground is a future pour site and is not subject to surface water runoff.

For collected waste, allow sawcutting water to let solids settle. Check the pH by the end of the shift in which the water was collected. For water with a pH less than 11, immediately decant the water and discharge to the sanitary sewer as specified on the WIS. For water with a pH of greater than 11, manage as a dangerous waste.

] **********
NOTE: Include the following bracketed item for work at NBK Bremerton, Everett, or Whidbey Island.
****

[Concrete trucks are prohibited from being washed on station unless there is an area at the project site which is going to be a future pour site (e.g., foundation) and the location is not subject to surface water runoff and is more than 15.2 meters 50 feet away from a storm drain, open ditch, or receiving water.

] **********
NOTE: Include the following bracketed item for work at Indian Island, NBK Bangor, or NBK Keyport.
****

[Concrete trucks are prohibited from being washed on station. without approval from Base Environmental Office. Submit proposed Wash Procedure within the HMW and Storm Water Plan for Government review and approval. In no case must a wash area be subject to surface water runoff and be less than 15.2 meters 50 feet away from a storm drain, open ditch, or receiving water.

Washout stations that are not future pour sites shall have an impermeable barrier to prevent infiltration of the concrete wash water. Activities shall follow all requirements of the NPDES General Permit for Stormwater Discharges from Construction Activities.

]][3.1.3.2.2 Wastewater Discharge

****
NOTE: Include this subparagraph for work at NBK Bremerton, Everett, or Whidbey Island.
****

Submit Waste Determination Documentation for each unique type of wastewater.

****
NOTE: Include the following bracketed text for work at NBK Bremerton.
****

[Also notify the Contracting Officer for wastewater discharges to the sanitary sewer in quantities greater than 3785.4 liters 1000 gallons per day or 3785.4 liters 1000 gallons for the entire project, and allow 10 working days to obtain discharge approval from the City of Bremerton via the Contracting Officer. If discharge is less than 3785.4 liters 1000 gallons per day or per project, then completion of the Waste Determination Documentation specifying disposition to sanitary sewer completes the approval process.

] **********
NOTE: Include the following bracketed text for work at Everett.
****

[Conduct work in compliance with processed waste water permit, City of Everett Permit # 7722-04. Provide sampling and analysis of waste water effluent prior to discharge to sanitary system. Effluents must meet and not exceed permit limits for Metals, Fats, Oils and Grease as well as pH, BOD and TSS. Contact the Waste Water Operations PM, via the Contracting Officer, for specific analytical requirements prior to discharge.

]][3.1.3.2.3 Hydrotest Water Discharge

****
NOTE: Include this subparagraph for work at NBK Bremerton.

Reconcile NBK Bremerton requirements with Section 33 11 00, WATER DISTRIBUTION.
****

Waste Determination Documentation is not required to discharge water from new, clean piping system to the sanitary system at a flow rate less than [100] [_____] gallons per minute and [3000] [_____] gallons per day. Notify the Contracting Officer 10 working days prior to discharge to the sanitary system to obtain approval for greater flowrates. Clean, uncontaminated, hydrotest water may also be discharged to the storm drain. Submit a Storm Drain/Sanitary Sewer Discharge Approval form to obtain approval before discharging.

][3.1.3.2.4 Control and Disposal of Landfill-Controlled Wastes

****
NOTE: Include these subparagraphs for work at Everett, Indian Island, Whidbey Island, or NBK

Bremerton.

****

Store landfill controlled waste under cover in a manner that minimizes contact with process water or storm water. Keep covered and secured at all times except when adding wastes or taking samples. Store in containers or in the following manner:

a. Underlay the waste with a continuous impervious sheet of plastic with a thickness sufficient to contain the waste with a minimum thickness of .254 mm 10 mils. Thicker or reinforced plastic, or other measures, to protect the integrity of the plastic underlayment may be required if there is danger that the plastic will be punctured or torn during accumulation. Weld, heat seal or continuously tape (on both sides) all seams. Protect the plastic from perforation during loading and handling operations.

b. Install a berm around the pile so that the landfill controlled waste remains in the designated area. Straw or hay bales are prohibited. The edges of the underlayment must be laid over the top of the berm and secured to prevent water from running under the pile.

c. Install an impervious continuous sheet of plastic, .254 mm 10 mils minimum thickness, over the pile and over the outside of the berm so that rainwater is directed away from the landfill controlled waste inside the berm. Weld, heat seal or continuously tape (on both sides) all seams.

d. Secure the top cover to ensure that wind will not balloon the cover or blow it aside leaving the pile exposed to weather.

****

NOTE: Include the following bracketed text for work at NBK Bremerton.

****

[e. Place an ID label on stockpiled soil containers or top cover identifying the waste/soil as "Soil, Non-Hazardous Pending Sampling."

] f. Disposal of Landfill Controlled Wastes:

Submit a Landfill Disposal Form as required by the receiving landfill prior to removal of solid waste off government property. The Landfill Disposal Form may have different titles, depending upon the landfill (e.g Waste Disposal Application, Contaminated Soil Waste Information Sheet, and Industrial Waste Information Sheet). The Government will co-sign forms.

]3.1.4 Waste Determination Documentation

NOTE: Identify wastes to be generated by the work and complete the Encountered Waste Summary (a.k.a Estimated Waste Table). At NBK Bremerton and PSNS & IMF, submit a Sampling and Analysis Plan for approval prior to TCLP sample collection and analysis. At NBK Bangor, perform site visit with Base Environmental Office prior to survey.

The Designer must provide survey data only for NBK

Bremerton and PSNS & IMF projects. The Encountered Waste Summary will be prepared by the Government. Elsewhere, provide survey data and provide, with draft specifications, a waste designation table for review and approval by base environmental office.

Local Waste Tables are available for download at http://www.wbdg.org/ccb/NAVGRAPH/graphtoc.pdf

****
NOTE: Choose the following bracketed item for D-B Projects only and delete the next bracketed item. This paragraph is tailored for Design-Build.
****

[Comply with the requirements of UFC 3-800-10N, including building survey and analytical services required to identify existing materials that may represent health risks, and to properly demolish, designate, and dispose of materials during site improvements.

] **********
NOTE: Choose the following bracketed sentences and attach the completed/approved table in the RFP for Design-Bid-Build Projects.

For bracketed items, choose "Estimated Waste Table" for work at NBK Bangor, NBK Keyport, or Indian Island; choose "Encountered Waste Summary" for all other locations.
****

[The [Estimated Waste Table][Encountered Waste Summary], attached, provides a summary table of anticipated encountered wastes along with the corresponding probable waste designation. This table may not be inclusive of all wastes that could be encountered. This table does not require such wastes to be disposed rather than recycled or reused. This table is intended to provide a bid basis. These estimated designations are subject to change upon receipt of the completed Waste Determination Documentation. Any segregation, addition, or mixing of identified wastes invalidates these estimated designations. Where such action increases the quantity of dangerous waste, all such waste shall be disposed at the Contractor's expense.

] Waste Determination Documentation must consist of the base-specific waste form and related documentation prepared by the Contractor and submitted to the Government for the purpose of Government designation of waste. Examples of related documentation include MSDS, sampling and analysis plans, analytical information, and description of waste or process that generate waste. No waste shall be transported off site without completed Waste Determination Documentation. Follow all instructions provided on completed Waste Determination Documentation forms.

****
NOTE: Include the following bracketed text for work at NBK Bangor.
****

[For all waste produced during the project, provide a completed "Side One" of Naval Base Kitsap at Bangor Waste Information Specification (WIS) Form,

via the Contracting Officer. When the WIS is returned by Naval Base Kitsap Environmental Division, via the Contracting Officer, follow the Originator Disposal instructions provided on "Side Two" of the WIS.

] **********
NOTE: Include the following bracketed text for work at Everett.
****

[Not less than 15 working days before removal of waste to locations off Government property, submit a Waste Information Sheet for each unique process that potentially generates recyclable material, solid waste (except garbage), dangerous waste, sewage, sediment, asbestos, PCB, stormwater and wastewater generated on site.

] **********
NOTE: Include the following bracketed text for work at Indian Island, NBK Keyport, or Whidbey Island.

For NBK Keyport, choose "20" in brackets.
****

[Not less than [15][20][_____] working days before removal of waste to locations off Government property, submit a Waste Generation Record (WGR) for each unique process that potentially generates recyclable material, solid waste (except garbage), dangerous waste, sewage, sediment, asbestos, PCB, stormwater and wastewater generated on site.

] **********
NOTE: Include the following bracketed text for work at Indian Island or NBK Keyport.
****

[The Government will complete the portion entitled "ENVIRONMENTAL USE ONLY BELOW THIS LINE."

] **********
NOTE: Include the following bracketed paragraph for work at NBK Bremerton.
****

[Within 1 working day after waste stream has been produced, submit a Waste Information Sheet (WIS) for each waste (except sanitary wastes) generated on site for designation by the Government. Submit a WIS for each waste stream anticipated to be produced to the maximum extent possible for pre-designation of waste. The Government will complete Section II and Section III of the WIS.

][3.1.4.1 Control of Waste Without Documented Waste Determination

****
NOTE: Include this subparagraph for work at Everett, Indian Island, NBK Bremerton, NBK Keyport, or Whidbey Island.

Choose bracketed text for Everett, Indian Island, NBK Bremerton, or Whidbey Island.
****

Collect wastes for which the Waste Determination Documentation has not been completed, label "waste awaiting designation" or "WAD" to indicate that analysis is pending. Accumulate and manage in an area that meets the minimum criteria for satellite accumulation per WAC-173-303 and the contract specifications[, except for the time and quantity limitations].

Submit Waste Determination Documentation for each undesignated waste type within one day of generation. Do not transport waste off-site prior to designation by the Government.

]3.1.5 Contractor Hazardous Material Inventory Log

In addition to the materials (e.g. paints, lacquers, thinners, adhesives, sealants, cleaners) required in the Contractor Hazardous Material Inventory Log, include the following materials:

a. If performing abrasive blasting operations, denote blast grit usage, blast nozzle throughput in tons, and blasting unit efficiency.

b. If performing welding, denote welding rod usage and welding rod type (e.g. aluminum, carbon steel).

****
NOTE: Include the following bracketed sentence for work at NBK Bremerton.
****

[Use local form, PSNS 5090/132 CHMI, in lieu of that specified in Section 01 57 19.00 20, TEMPORARY ENVIRONMENTAL CONTROLS.

][3.1.6 Hazardous Materials Prohibition

****
NOTE: Include this paragraph for work at Indian Island, NBK Bangor, or NBK Keyport.
****

Products prohibited by the Government, which will not be approved for use, include but are not limited to: leads, chromiums, mercury, phenols, trichloroethylene, chlorofluorocarbons, halons, PCBs, asbestos, silica sand (for use as blasting agent), Class I ODS as defined and identified herein, radioactive materials or instruments capable of producing ionizing radiation, and chemicals listed in 40 CFR 355.50, Appendix A. This prohibition prevails over any other provision, specification, drawings, or referenced documents. The Contracting Officer may consider exceptions to the use of any of the above excluded materials upon written request by the Contractor, and with Base Environmental Office approval.

]3.1.7 Fuel Tanks

If Contractor tanks and containers of oil have an aggregate aboveground capacity greater than 3996.7 liters 1,320 gallons (only containers with a capacity of 208.2 liters 55 gallons or greater are counted), then the contractor must provide and implement their own SPCC plan. Do not bring underground storage tanks to this installation for Contractor use during a project.

3.1.8 Releases/Spills of Oil and Hazardous Substances

****
NOTE: Choose applicable location.
****

In the event of an emergency spill immediately notify the [PSNS & IMF and NBK Bremerton Regional Dispatch Center, station phone 911, or (360) 476-3333 on outside lines or cellular phones][NAS Whidbey Fire Department at (360) 257-3333][NBK Regional Dispatch Center, station phone 911, or (360) 396-4444][Regional Dispatch Center, station phone 911, or (360) 396-4444][Everett Central Monitoring Dispatch Center at (425) 304-3333, NAVSTA Everett phone 911][Hospital Communication Center at phone 4444 within the Hospital or (360) 475-4444][FISC Puget Sound, Fuel Department Operator In Charge (OIC) at (360) 476-2135, ext. 232 for oil spills][Port Hadlock Detachment Central Monitoring Dispatch Center at (360) 396-5333], then notify the Contracting Officer.

****
NOTE: Include the following bracketed item for work at Indian Island, NBK Bangor, or NBK Keyport. Include phone numbers for Indian Island.
****

[Notify the base environmental office[at: (360) 396-5353, (360) 396-5394, or (360)396-5221].

] **********
NOTE: Include the following bracketed item for work at NBK Bangor.
****

[The Government will respond to all emergency spills. Follow incident commander verbal instructions. Notify the Base Environmental Office of all spills, emergency and non-emergency.

]3.1.9 Control and Management of Hazardous Wastes

The following clarifications and requirements supplement paragraph CONTROL AND MANAGEMENT OF HAZARDOUS WASTES in Section 01 57 19.00 20, TEMPORARY ENVIRONMENTAL CONTROLS.

3.1.9.1 Facility Hazardous Waste Generator Status

****
NOTE: Choose appropriate location. Coordinate with Section 01 57 19.00 20 paragraph FACILITY HAZARDOUS WASTE GENERATOR STATUS. Include this paragraph in this section, or in Section 01 57 19.00 20, with name and status.
****

[[Naval Base Kitsap, Bremerton][PSNS & IMF][Naval Base Kitsap, Bangor][Naval Station (NAVSTA), Everett] [Naval Magazine, Indian Island, WA (NAVMAGII)][Naval Undersea Warfare Center (NUWC), Keyport] [Naval Hospital (NAVHOSP), Bremerton] [Naval Air Station, Whidbey Island (NASWI)] is a fully regulated Large Quantity Generator.

][FISC Puget Sound, Manchester Fuel Department is a fully regulated medium

quantity generator.

]3.1.9.2 Hazardous Waste Management

****
NOTE: For NBK Bremerton projects, choose the first bracketed paragraph by default and delete the second, or choose the second paragraph for large projects generating large quantities of dangerous waste and delete the first.
****

[Containers and labels will be supplied by the Government. Notify the Contracting Officer 14 calendar days in advance for request of bulk containers. Request is accomplished by submission of Waste Determination Documentation including an estimated quantity of dangerous waste and the number of containers. Accumulate in an approved satellite or 90-day accumulation area meeting the requirements set forth in WAC-173-303. Contact the Contracting Officer no more than 45 calendar days from the start date for 90-day accumulation areas to arrange for transport. Accumulate bulk dangerous wastes in a 90-day area. Turn in non-bulk dangerous waste from a 90-day area within 45 days of the start date.

] **********
NOTE: Choose the following bracketed paragraph for projects at Everett, NBK Keyport, or Whidbey Island. Choose rarely for projects NBK Bremerton, except for large projects generating large quantities of dangerous waste.
****

[Collect and dispose of dangerous waste in accordance with WAC-173-303. Identify dangerous waste generated within the confines of the station by the use of the station's EPA generator identification number. Submit a Dangerous Waste Profile for each unique type of dangerous waste[not less than [45] [20] days from scheduled removal from Government property]. Profiles are to be completed and signed by an EPA-permitted Treatment, Storage, and Disposal Facility (TSDF). The Government will approve and co-sign profiles. Approval of each dangerous waste profile must be complete before manifesting. Accumulate in an approved satellite or 90-day accumulation area meeting the requirements set forth in WAC-173-303[and the Keyport 'Hazardous Waste Site Manager/Alternate (Waste Generator)' training module].

] **********
NOTE: Choose the following bracketed item for projects at Everett, NBK Bremerton, or NBK Keyport.
****

[Labels will be supplied by the Government.

] **********
NOTE: Include the following bracketed paragraph for projects at Everett, NBK Bremerton, NBK Keyport, or Whidbey Island.
****

[Waste Determination Documentation must be submitted and all dangerous waste must be designated before removal from Government property.

Submit a copy of the applicable EPA and or State permit(s), manifest(s), Land Disposal Restriction (LDR) forms, and license(s) for transportation, treatment, storage, and disposal of hazardous and regulated waste by permitted facilities. Dangerous waste manifests must be reviewed, signed, and approved by the Navy before the Contractor may ship waste. To obtain specific disposal instructions, coordinate with the Activity environmental office. [Keyport: 360-396-2320 or 360-396-7991]

][3.1.9.2.1 Contractor Generated Waste

****
NOTE: Include this bracketed subparagraph for projects at NBK Bangor or Indian Island.
****

Compliance with this specification requires that the Contractor not produce any Contractor Generated Dangerous or Industrial Waste. In the event of non-compliance with this provision, the Government shall dispose of Contractor Generated Dangerous or Industrial Waste at Contractor's expense.

Contractor shall identify and turn in all dangerous and industrial Contractor Generated waste to the Government as encountered waste. Follow all encountered waste procedures in the paragraph titled "Encountered Waste" below.

The Contractor is expected to utilize work methods which will minimize the generation of waste. No contractor generated waste shall be disposed on base.

][3.1.9.2.2 Encountered Waste

****
NOTE: Include this bracketed subparagraph for projects at NBK Bangor or Indian Island.
****

Identify, minimize, segregate, contain, package, label and turn in all dangerous and industrial encountered waste to the Government in accordance with the approved Environmental Protection Plan. Contractor-generated dangerous or industrial waste will be disposed of by the Government at Contractor's expense. No Contractor-generated waste shall be disposed on base.

Follow all originator disposal instructions provided in NAVBASEKITSAPINST 5090.3(Series) and on side two of the WIS. Package according to 49 CFR specifications and attach a completed SUBASE Bangor Originator Label when instructed. Properly stage and transfer encountered waste to a Government-approved accumulation area within 7 miles of the project site. Transportation to the Government site must be within 72 hours of generation. Provide Project Number on the Originator Label on Crew/Code line. Turn-in of encountered waste to the Government, per WIS instructions, is not considered disposal.

][3.1.9.2.3 Certificate of Final Disposal (CFD)

****
NOTE: Include this bracketed subparagraph for projects at Whidbey Island.

****

Within 10 working days after final disposal of dangerous waste, submit the CFD to the Contracting Officer. Final disposal means disposal of all dangerous wastes and any residues from the treatment of the waste prior to disposal The CFD shall include at a minimum the following:

a. Waste Profile Sheet Number, Government Manifest Number, and Shipment Date

b. Unit of Measure

c. Quantity of Disposal

d. All waste which required land disposal, including effluents from treatment systems.

e. Disposal Facilities(s) EPA ID#, name, location and phone. In addition include the name, address, phone number and EPA ID# of each TSDF the waste was taken for any intermediate steps for final Disposal.

f. Disposal Method

g. Date of Final Disposal

h. Signature of the person responsible for adequate and appropriate disposition of the waste.

][3.1.9.2.4 Regulated Waste Storage/Satellite Accumulation/90 Day Storage Areas

****
NOTE: Include this bracketed subparagraph for work at Naval Hospital, Bremerton.
****

[Accumulate wastes in the Contractor's SAA or Government's 90-Day accumulation area. Contractor-operated 90-Day accumulation areas are prohibited at Naval Hospital, Bremerton.

] **********
NOTE: Include this bracketed subparagraph for work at NBK Bremerton.
****

[Prior to generating waste, submit an accumulation area registration form, known locally as: Contractor Request for 45/90-Day Hazardous Waste Accumulation Certification/Recertification or Contractor Request for Hazardous Waste Satellite Accumulation Area (SAA) Registration.

90-Day areas are known locally as 45/90 day areas and such wastes shall be manifested prior to 45 days. Satellite accumulation over-water, such as on piers and dry docks, is not authorized unless waste is accumulated with secondary containment and is attended by a trained person at all times. 90-Day areas will not be authorized in dry docks, on piers, or over-water site. Submit to the Contracting Officer once every 7 calendar days an Accumulation Area Inspection Record meeting the requirements set forth in WAC-173-303. Closure of 90-day areas require inspection and approval by the Government.

] **********
NOTE: Include this bracketed subparagraph for work at NBK Keyport.
****

[Submit the Hazardous Waste Accumulation Area Registration Form as instructed in the 'Hazardous Waste Site Manager/Alternate (Waste Generator)' training module. Attach Site Plan to the Request. Attach Waste Determination Documentation.

]]3.1.9.2.5 Laboratory Analysis

****
NOTE: Select the waste analysis responsibilities.

For work at NBK Bremerton: Select the first bracketed paragraph by default and delete the second. For NBK Bremerton projects generating large quantities of waste, such as whole building demolition, delete the first paragraph.

For work at all other locations, select the second paragraph and delete the first.
****

[When analytical information is necessary to designate waste, the Government will sample and test wastes in accordance with WAC-173-303 and EPA SW-846.

][When, at the sole discretion of the Government, laboratory analytical information is necessary to designate waste, provide sampling and analysis services in accordance with WAC-173-303 and EPA SW-846.

Submit all analytical results and reports to the Contracting Officer as part of the Waste Determination Documentation.

][3.1.9.2.6 Vacuum Cleaners

****
NOTE: Include this subparagraph for work at NBK Bremerton.
****

Container ID labeling requirements apply to all vacuums used on site. Vacuum cleaners must be empty when they arrive at the BNC and emptied at the end of the shift into approved containers per this section. If a vacuum cleaner cannot be empted at the end of the shift, it must be managed as a Hazardous Waste container and stored in a registered SAA. Hazardous Waste container labeling and storage requirements of this section apply to vacuum cleaners used for pickup and storage of HW.

]3.1.9.2.7 Hazardous Waste Disposal

****
NOTE: For work at NBK Bremerton, choose the first bracketed paragraph by default and delete the second. Also, edit section 01 57 19.00 20, paragraph HAZARDOUS WASTE DISPOSAL. Delete subparagraph RESPONSIBILITIES FOR CONTRACTOR'S

DISPOSAL.

For NBK Bremerton projects generating large quantities of waste, such as whole building demolition, delete the first paragraph and choose the second.

****

[Transporting dangerous waste off-site is prohibited. The Government will arrange for the transporting and disposal of dangerous waste. Turn in dangerous waste from accumulation areas to the government prior to exceeding time and quantity limits.][Collect and dispose of dangerous waste in accordance with WAC-173-303. Submit Waste Determination Documentation and designate all waste before removal from Government property.

] **********

NOTE: Choose the following bracketed paragraph for work at Indian Island, NBK Bangor, or NBK Keyport.

Edit section 01 57 19.00 20, paragraph HAZARDOUS WASTE DISPOSAL. Delete subparagraph RESPONSIBILITIES FOR CONTRACTOR'S DISPOSAL.

****

[Identify, minimize, segregate, label, and turn in all dangerous and industrial waste to the Government in accordance with the approved Environmental Protection Plan.

] **********

NOTE: Choose the following bracketed paragraph for work at Everett, Whidbey Island, Reserve Centers, and most other locations.

****

[Collect and dispose of dangerous waste in accordance with WAC-173-303. Waste Determination Documentation must be submitted and all waste must be designated before removal from Government property.

]3.1.9.3 Class I and II ODS Prohibition

Turn over to the Government any and all Class I ODS reclaimed as part of this contract, upon the completion of the work covered by this contract.

3.1.10 Noise

Conduct work in full compliance with WAC-173-60.

3.1.11 Drinking Water

****

NOTE: Many Navy activities in Washington State, including, but not limited to, Whidbey Island, NBK Bangor, NBK Keyport, MWR Pacific Beach, Naval Radio Station (t) Jim Creek, NAVORDCEN Det Port Hadlock, and NBK Bremerton are regulated as public water system purveyors. Delete this paragraph if there is no potable water system change, or the change is listed as one of the exceptions in accordance with WAC-246-290. For projects which involve applicable construction, repair, or alteration of a drinking

water system, ensure the work is covered in the activity's Water System Plan (WSP).

For Design-Build projects, choose the first bracketed sentence; this sentence is tailored for Design-Build. Include the Project Report in the Design Build Requirements to accommodate this evaluation.

****

[[Submit a Project Report, per WAC-246-290-110(2).][This project includes work on a potable water [treatment,] [storage,] [and] [distribution] system that is regulated by WAC-246-290.][The design specifications have been reviewed and approved by the Washington State Department of Health.][The design specifications conform to the activity's approved Water System Plan.][Do not use any materials of construction or construction practices that deviate from the approved water system design.]

][Obtain permit from the Public Works Department prior to any connections or changes to the potable drinking water system, or access to fire hydrants. No part of the potable water system (including fire hydrants) shall beaccessed without obtaining a connection permit from the Government. All connections or work pertaining to the potable water system as part of the contract must be in accordance with the instructions specified in the connection permit and in compliance with state and federal regulations.][Submit an Inspection Report to the Government for acceptance. Include the most recent annual calibration inspection report for the test assembly to be used.

]

****

NOTE: If the project is not identified in the Water System Plan and is not exempted per WAC-246-290-125, the construction manager shall submit a Project Completion Report to the Washington Department of Health within 60 days after completion of the project.

****

[Within 15 days after completion of an approved water system project, submit a Project Completion Report in accordance with WAC-246-290-120(5). The report must be signed by a Washington State registered professional engineer. This report is required for new construction on exterior building potable water system components. Any significant changes from the approved water system design must receive prior approval of the Contracting Officer and written approval from the Department of Health per WAC-246-290 -120 prior to use.

]

****

NOTE: Include the following bracketed paragraph for work at NBK Bremerton when Section 33 11 00, WATER DISTRIBUTION is used.

****

[3.1.11.1 Disinfection of Water System Components

Disinfect water system in accordance with paragraph DISINFECTION in Section 33 11 00 WATER DISTRIBUTION.

][3.1.12 Contractor's Operation and Maintenance (O&M) Plan

****
NOTE: For Indian Island, choose ORCAA. For Whidbey Island, choose NWCAA. For Everett and all Kitsap locations, choose PSCAA. For additional information, see http://www.ecy.wa.gov/programs/air/local.html/
****

Prior to using the types of air contaminant generating equipment defined in [PSCAA Regulation][ORCAA Regulation][NWCAA Regulation], develop and submit a Contractor's Operation and Maintenance (O & M) Plan. Maintain the O & M plan and any associated records on site for the duration of the project. Be prepared to provide these records for review, within 30 minutes, when requested by regulatory agencies or the Contracting Officer. The O&M plan must contain at a minimum the following elements:

a. Maintain all equipment in good working order. Follow manufacturer's operation and maintenance recommendations, at a minimum.

b. Maintain records of any repairs made, including records of preventive maintenance.

c. Inspect periodically, including, but not limited to, evidence of fugitive emissions. If fugitive emissions are found, determine whether reasonable precautions are being taken to minimize such emissions. List requirements to repair the equipment or shut down operations, when reasonable precautions are not being taken to minimize fugitive emissions or unreasonable odors.

d. Ensure deficiencies are promptly repaired. Secure operation of such equipment if immediate repairs are not feasible.

e. List any requirements noted under "Conditions" on the Order of Approval for the equipment.

f. Generate records that list any actions (e.g. inspections, maintenance, shut down) that have been taken or completed, including the location, date, time, and name of person(s) completing the actions. Records may be maintained in the form of a logbook. Submit Operation and Maintenance Records at contract completion.

]3.1.13 Emission Standards

Opacity from Contractor equipment and operations must be in compliance with [PSCAA Regulation I, Section 9.03] [_____] including but not limited to Visual Emissions (Opacity), Odor, Fugitive Dust, Spray Coating, Crushing, and Maintenance of Equipment.

3.1.13.1 Volatile Organic Compound Emission Control

Do not leave containers of paint, epoxy, or solvent open to the atmosphere unless they are being used. Secure all containers at the end of each shift. Do not use evaporation as a means of minimizing or disposing of hazardous waste.

-- End of Section --