

READ THIS FIRST

This Project Spec Document may need additional modifications to suit your project. It is recommended that you proofread each section, paying attention to any “Notes” boxes such as this one--you should remove these “Notes” sections as you go. Also, do a search for all bracket characters “[]” as they are used to show you areas containing options or project specific details (you can use Microsoft Word’s Find feature {Ctrl-F} to jump to an open bracket “[” character quickly). Again, these bracket characters should be removed.

It is important that every paragraph be numbered to allow for easy referencing. If you use the document’s built-in styles and formatting your outline should be fine. Most paragraphs can be promoted (Shift) or demoted (Shift-Tab).

You should not have to manually enter extra spaces, carriage returns or outline characters such as A, B, C, or 1.01, 1.02; the formatting will do this for you. The entire document is 11 pt. Arial. If you paste items in, you may need to ‘format paint’ to reapply the format.

NOTE TO DESIGNER: MARITIME PROJECTS WITHIN THE CITY OF SEATTLE

All Maritime projects must be designed and completed pursuant to City of Seattle Stormwater Code SMC 22.800 - SMC 22.808 as required by the Port of Seattle's Phase I National Pollutant Discharge Elimination System (NPDES) Permit WAR044701. Each project must comply with the City of Seattle Stormwater Code 22.805.020.D Minimum Requirements for Construction Site Stormwater Pollution Prevention Control. Evaluate applicability of best management practices (BMPs) from City of Seattle Stormwater Manual Volume 2 Construction Stormwater Control and Volume 4 Source Control, and include in the Pollution Prevention Plan as required.

PART 1 GENERAL

1.01 SUMMARY

- A. This section consists of planning for and implementing the temporary measures indicated herein, shown on the Contract Documents, or as ordered by the Engineer to prevent pollution of soil and water, and control, respond to, and dispose of potential pollutants or hazardous materials during the life of the Contract.
- B. This work shall apply to all areas associated with Work including, but not limited to the following locations:
 - 1. Project Site, including equipment and material storage areas
 - 2. Staging/Laydown areas
 - 3. Stockpile areas

1.02 DESCRIPTION OF WORK

- A. In order to comply with this specification the Contractor shall:
 - 1. Develop and submit a site-specific Pollution Prevention Plan
 - 2. Revise the Pollution Prevention Plan during the life of the Contract

3. Install, maintain, and remove all spill prevention, containment, countermeasures, and pollution prevention Best Management Practices during the life of the Contract
4. Contain, cleanup and dispose of all hazardous materials or potential pollutants
5. Maintain good housekeeping practices at the jobsite and laydown/staging areas
6. Perform other work shown on the Contract Documents or as directed by the Engineer
7. Maintain any required Contractor pollution liability insurance including insurance liability for the transportation of hazardous materials for the duration of the Contract
8. Maintain a proper Hazardous Material Endorsement for any driver that is transporting hazardous material in a vehicle that requires the driver to maintain a valid and current Commercial Driver's License in the State of Washington

1.03 POLLUTION PREVENTION PLAN

- A. The Contractor shall develop and submit to the Port a site-specific Pollution Prevention Plan. The Pollution Prevention Plan must be a site-specific document that outlines the administrative, operational, and structural Best Management Practices that will be implemented on the project.
- B. The Pollution Prevention Plan must, at a minimum, include the following:
 1. Site specific description and drawings
 2. Contractor pollution prevention contact personnel
 3. Known or potential hazardous materials inventory list
 4. Safety Data Sheets (SDSs) for hazardous materials identified on the inventory list
 5. Hazardous material containers labeling system
 6. Hazardous material container storage and handling procedures
 7. Hazardous material spill prevention planning and execution
 8. Hazardous material spill control and response planning and execution
 9. Hazardous material cleanup and disposal planning and execution
 10. Pollution Prevention BMP Selection
 11. Pollution Prevention BMP Maintenance planning, execution, and inspection
 12. Subcontractor's acknowledgment
 13. Education

If Specification 01 57 13 Temporary Erosion Control DOES NOT apply to the project, include the following, otherwise delete.

14. Stormwater management practices including a site map

15. A complete list of materials stored in laydown/ staging or stockpile areas.

1.04 SUBMITTALS

- A. As part of the required Preconstruction Submittals, Section 01 32 19 - Preconstruction Submittals, and before Notice to Proceed is issued, the Contractor shall submit the following information:
 1. Pollution Prevention Plan and the required contents.
 2. Insurance Endorsements verifying liability coverage for job-site work and any transportation of hazardous materials to or away from the jobsite.
 3. Copy of a completed MCS-90 Certificate if required under the Motor Carrier Act of 1980 for transportation of hazardous material which verifies compliance with the financial responsibility requirements of the Act;
 4. A list of all drivers who will be hauling hazardous material in a vehicle that requires the driver to maintain a Commercial Driver's License in the State of Washington under RCW 46.25.080. These drivers must show evidence of a proper Hazardous Material Endorsement in accordance with Washington RCW 46.25.070 and 46.25.085.

1.05 DEFINITIONS

- A. Absorbent: Any material capable of absorbing oils, water-based materials, solvents, acids, and other hazardous materials. Absorbent materials include: pads, kitty litter, floor dry, and other commercially available materials.
- B. Best Management Practice (BMP): The variety of administrative, operational, and structural measures that will be implemented to prevent and reduce the amount of contaminants in stormwater and the environment. (Examples: covering concentrated galvanized materials and providing secondary containment for liquid storage are BMPs).
- C. Container: Any portable device, in which a material is stored, transported, treated, disposed of, or otherwise handled.
- D. Dangerous Waste: Solid wastes designated by the State of Washington Under Chapter 173-303 WAC and regulated as Dangerous Waste, Extremely Hazardous Waste, or Mixed Waste. (The State of Washington is authorized to implement Federal Hazardous Waste Regulations - see also Hazardous Waste Definition)
- E. Hazardous Material: A substance or material, including a hazardous substance, hazardous waste, marine pollutant, including but not limited to: diesel, gasoline, petroleum products, solvents, paints, acids, lubricants, curing compounds, form release agents, adhesives, sealants, and epoxies. (See also Hazardous Waste definition)
- F. Hazardous Material Storage Area: The area used by the Contractor to store hazardous material.
- G. Hazardous Material Container Labeling System: The system used by the Contractor for identifying the secondary containers used to store hazardous materials or wastes. Acceptable methods include: Department of Transportation (DOT), Hazardous Material Information System (HMIS); National Fire Protection Association Fire Diamond (NFPA Hazard Rating).

- H. Hazardous Waste: Solid wastes designated by 40 CFR Part 261, and regulated as hazardous or mixed waste by the United States EPA.
- I. Laydown Staging Area (LSA): Remote office, equipment and materials laydown staging areas.
- J. Project Site: The location(s) where the Work will be performed or constructed by the Contractor as set forth in the Drawings and Specifications. Project Site specifically includes areas identified by the Port for Contractor's logistics or staging but does not include any areas separately secured by the Contractor, a Subcontractor of any tier, or Supplier for use in connection with the Work (e.g. Contractor's home office, an off-site fabrication plant, etc.).
- K. Safety Data Sheet (SDSs): Written or printed material available for each chemical that includes information on: the physical properties, hazards to personnel, fire and explosion potential, safe handling recommendations, health effects, fire-fighting techniques, and reactivity and disposal.
- L. Secondary Container: Any container, other than the original container that is used for transferring, holding, storing or otherwise containing hazardous materials or wastes.
- M. Secondary Containment: A device designed, installed, or operated to prevent any migration of wastes or accumulated liquid to the soil, ground water, or surface water. The device must, at minimum, hold 110 percent of the volume of the largest container being stored. The device must have the strength to contain a spill and be made of materials that will not be degraded by the wastes or accumulated liquids it is intended to contain.
- N. Sorbent: A material used to soak up free liquids by either adsorption or absorption, or both.
- O. Storm Drainage System: Consists of any drain, inlet, catch basin, slot drain, pipe, gully, fissure, ditch, or other form of conveyance that collects and transports stormwater.

1.06 REFERENCES

- A. The following rules, requirements and regulations specified may apply to this work:
 - 1. Washington State Dangerous Waste Regulations: Chapter 173-303 WAC, September, 2020 or current edition.
 - 2. National Pollution Discharge Elimination System Phase I Municipal Stormwater Permit [WAR044701]
 - 3. Part C - Hazardous Communication: Chapter 296-62-054 WAC, "Right to Know".
 - 4. Puget Sound Stormwater Management Plan, Puget Sound Water Quality Action Team; 1998.
 - 5. Title 40 Code of Federal Regulation Subchapter I - Solid Wastes 261, 262, 263, 265, 268, 273, 279, 370 (Federal Hazardous Waste Regulations).
 - 6. Stormwater Management Manual for Western Washington, Department of Ecology; July 2019 (or current edition).

7. Surface Water Design Manual, King County Public Works, September 1998
8. City of Seattle Stormwater Code: SMC 22.800 – 22.808, July 2021 (or current edition).
9. City of Seattle Stormwater Manual, July 2021 (or current edition)
10. WAC 173-201 A, Water Quality Standards of the State of Washington.
11. Revised Code of Washington - 46.25.085, 46.25.080, 46.25.070, 46.48.170, 4.24.314.

1.07 PERMITS

[Coordinate with PM and POS ENV – add/edit/delete as applicable]

- A. Work shall be conducted in accordance with all applicable NPDES permit(s) including but not limited to the Port of Seattle's Phase 1 Municipal Permit.

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION

3.01 SITE SPECIFIC DESCRIPTION AND DRAWINGS

- A. A written site description shall be included in the Pollution Prevention Plan that addresses the following:
 1. Physical description and location of the construction site and staging areas;
 2. Construction activities that will involve the use of hazardous materials or generate hazardous waste;
 3. Location of material storage areas and project staging areas;
 4. Designated fueling areas;
 5. Proximity to any natural or manmade drainage conveyance including ditches, catch basins, ponds, wetlands, and pipes;
 6. Public areas relating to construction project;
 7. Proximity to other construction sites;
- B. Drawings shall be included in the Pollution Prevention Plan that show the construction site(s), location of fueling areas, equipment storage areas, catch basins and other man-made and natural drainage conveyances within the work area and storage areas. The drawings shall show locations of Pollution Prevention BMPs during each phase of construction. The drawings may be hand drawn sketches but must include the appropriate spatial information.

3.02 CONTRACTOR POLLUTION PREVENTION CONTACT PERSONNEL

- A. The Contractor shall identify in the Pollution Prevention Plan at least one project personnel that will be available 24 hours a day to administer and respond to hazardous materials management requirements of the Contract and provide the following information:

1. Contact Name
2. Contact Phone Number
3. Contact E-mail Address

B. Duties

1. Maintain permit file on site at all times which includes the Pollution Prevention Plan, Contractor Erosion and Sediment Control Plan and any associated permits and plans;
2. Direct BMP installation, inspection, maintenance, modification and removal;
3. Available 24 hours per day, 7 days per week by telephone;
4. Update all drawings with changes made to the Pollution Prevention Plan;
5. Maintain daily logs;
6. Immediately notify the fire department (911) of any hazardous material spill that cannot be contained (see Paragraph 3.08.A.5 for detailed reporting requirements).
7. Immediately notify the Engineer of any and all spills, regardless of size.
8. Inspect for Pollution Prevention Plan requirements including BMPs as required to ensure adequacy. Facilitate, participate in, and take corrective actions within 24 hours resulting from inspections performed by outside agencies, Port employees, and Port designees.

C. Qualifications

1. The Pollution Prevention Plan Inspector shall have the following experience:
 - a. Prevention, control and clean-up of construction caused pollution from petroleum, hazardous materials and construction wastes.
 - b. Knowledge of basic hazard and risk assessment techniques.
 - c. An understanding of basic hazardous materials terms.
 - d. Ability to perform basic control, containment or confinement operations within the capabilities of the resources and personnel protective equipment available.
 - e. Installation, inspection, maintenance, reporting, record keeping, and removal of Pollution Prevention BMPs.

3.03 HAZARDOUS MATERIAL INVENTORY LIST

- A. A complete list of all known or potential hazardous materials or waste to be used or generated during all phases of the construction project shall be included in the Pollution Prevention Plan.

3.04 SAFETY DATA SHEETS (SDSs)

- A. A Hazardous Material Inventory List supported by a corresponding SDS for all materials that have an SDS shall be included in the Pollution Prevention Plan.
- B. For all hazardous materials not submitted in the original Hazardous Material Inventory List, the Contractor shall provide SDSs to the Engineer prior to bringing

the material on site and submit a revised inventory list (or plan if required) within 7 days.

1. Hazardous materials shall be permitted on the work site only with prior written acknowledgement of receipt of SDSs by the Engineer.

3.05 HAZARDOUS MATERIAL CONTAINERS LABELING SYSTEM

- A. The Pollution Prevention Plan shall address and the Contractor shall implement the following:
 1. Identification of container with a legible label containing the materials product name, as was written on the material's original container label.
 2. Include the name of the material's manufacturer, as was written on the chemicals original container label.
 3. Include appropriate hazard warnings, which identify the chemicals associated risks to health, flammability, or reactivity.
 4. Contractor shall mark each container with the Contract project number and company owner of the container.
 5. The mark shall be permanent, easily identifiable and placed with care to prevent defacing of the marker through abrasion, chemical reaction, or other means that would hinder marker identification.
 6. At all times during the Work, the Contractor shall assure that proper and identifiable labels are attached to all hazardous materials and secondary containment

3.06 HAZARDOUS MATERIAL CONTAINER STORAGE AND HANDLING

- A. Solid Chemicals, chemical solutions, paints, petroleum products, solvents, acids, caustics solutions, and any waste materials, including used batteries, shall be stored in a manner that will prevent the inadvertent entry of these materials into waters of the state, including groundwater. Storage shall be in a manner that will prevent spills due to overfilling, tipping, or rupture. In addition, the Pollution Prevention Plan shall address and the Contractor shall implement the following specific requirements:
 1. All liquid products must be stored on durable, impervious surfaces and within a berm or other means of secondary containment capable of containing 110% of the largest single container volume in the storage area.
 2. Keep secondary containment facilities free of accumulated rainwater and spills.
 3. Waste liquids shall be stored under cover, such as tarps or roofed structures, in addition to secondary containment. Any waste storage areas, whether for waste oil or hazardous waste, shall be clearly designated as such and kept segregated from products to be used on the site.
 4. In the event that the Contract Document Drawings designate a hazardous material storage area, the Contractor shall be restricted to storing hazardous materials or waste specific to the Project work to the area designated in the Contract Document Drawings.

5. All hazardous materials and waste containers shall be stored with the container lid secured, to prevent spills or leaking.
6. Minimize hazardous material storage on site and handle as infrequently as possible.
7. Provide protection from vandalism for all chemicals and materials that have the potential to pose a threat to human health or the environment.
8. Upon completion of a specific task for which hazardous material(s) were used, the Contractor shall document in the Daily Report (Form CM03), the amount of hazardous material removed from the site, and the product and manufacturer name(s) of such material(s).

3.07 HAZARDOUS MATERIAL SPILL PREVENTION

- A. The Pollution Prevention Plan shall address and the Contractor shall implement the following:
 1. Hazardous Material Transfer
 - a. All hazardous materials shall be transferred from primary to secondary containers using secondary containment with spill kits in close proximity.
 2. Vehicle and Equipment Fueling
 - a. All equipment fueling operations shall utilize pumps and funnels and absorbent pads and / or drip pans;
 - b. Fueling shall not take place within 25 feet of any natural or manmade drainage conveyance including ditches, catch basins, ponds, wetlands, and pipes;
 - c. Fueling shall be restricted to designated fueling areas as shown on the Contract Documents or as submitted and accepted by the Engineer as a part of the Pollution Prevention Plan;
 - d. A spill kit will be located within 25 feet of the fueling operation
 3. Vehicle and Equipment Maintenance
 - a. Engine, transmission, and hydraulic oil may be added, as needed utilizing funnels and drip pans;
 - b. Absorbent pads shall be placed to prevent fluid contact with soil;
 - c. No fresh or used engine fluids will be stored on the project site;
 - d. No vehicle maintenance other than emergency repair shall be performed on the project site.
 4. Small Engine Fueling and Maintenance
 - a. All fueling operations and engine fluid additions shall utilize funnels and be performed over drip pans.
 - b. Absorbent pads shall be placed to prevent fuel and engine fluid contact with soil.

- c. Fueling shall not take place within 25 feet of any natural or manmade drainage conveyance including ditches, catch basins, ponds, wetlands, and pipes.
 - d. Contractor shall not drain and replace engine fluids on Port property.
- 5. Equipment Storage
 - a. Drip pans and absorbent pads shall be placed under all large fuel-powered and/or engine/hydraulic oil containing equipment that is unused for more than 4 hours, overnights, weekends, and holidays.
 - b. Small fuel powered and/or engine/hydraulic oil containing equipment (i.e. generators, light plants, etc.) shall be stored inside properly sized secondary containment at all times.
- 6. Spill Response Kits
 - a. Spill kits shall be stored at designated locations on the project site, at the hazardous material storage areas, and in close proximity to any fueling operation.
 - b. The contents of the spill kit must be appropriate to the types and quantities of materials stored and used, and spill kit contents shall be replaced after use. Spill Kits shall, at a minimum, contain the following:
 - (1) 1-spill response procedures sheet
 - (2) 12-oil absorbent pads (17"x19")
 - (3) 12-water-based absorbent pads (17"x19")
 - (4) 3-oil absorbent socks/booms (3'x4')
 - (5) 2-oil absorbent socks/booms (3'x10')
 - (6) 1-roll of plastic sheeting
 - (7) 5-gallons (or ~25 lbs) of loose absorbent material (i.e. kitty litter or floor dry)
 - (8) 24-heavy duty garbage bags
 - (9) 1-shovel (non-metallic)
 - (10) 1-broom
 - (11) 1-pair splash resistant goggles
 - (12) 1-water resistant nylon bag
 - (13) 3-pair nitrile gloves
 - (14) 10-copies spill report form

3.08 HAZARDOUS MATERIAL SPILL CONTROL AND RESPONSE

- A. The Plan shall contain information on how the Contractor shall control and respond to hazardous material spills. At a minimum, the Contractor's employee responsible for the spill must take appropriate immediate action to protect human health and the environment (e.g., diking to prevent contamination of state waters).

1. Hazard Assessment - assess the source, extent, and quantity of the spill.
2. Containment and personal protection - If the spill cannot be safely and effectively controlled, then evacuate the area and immediately notify outside response services (go to Step 5). If the spill can be safely and effectively controlled, secure the area and proceed immediately with spill control (impacts to waters of the state should be given the highest priority after human health and safety)
3. Containment and elimination of Source - Contain the spill with absorbent materials or a soil berm around the affected area. Eliminate the source of the spill by closing valves, sealing leaks, providing containment, or deactivating pumps.
 - a. Spill control measures may include damming the spill, covering floor drains, catch basins, or preventing the contaminant from entering water systems. Contaminants include turbidity as well as chemicals.
4. Cleanup - when containment is complete, clean or remove the spill with absorbents or by pumping and containerizing the material for off-site disposal.
5. Notification –
 - a. In the event of a spill to land on Port Maritime property, contact Marine Maintenance Dispatch at 206-787-3350. In the event of a spill to water from Port Maritime property or sheen/evidence of spill in waterways, contact:
 - (1) National Response Center at 800-424-8802
 - (2) Washington Emergency Management Division at 800-258-5990
 - (3) Seaport Environmental Incident Notification at 206-295-7912
 - (4) Marine Maintenance Dispatch at 206-787-3350 (if the spill began on land)
 - b. Provide the following information:
 - (1) Time spill occurred or was discovered
 - (2) Location of the spill and equipment involved
 - (3) Material spilled and estimated quantity
 - (4) Measures taken to contain the spill and secure the area
 - c. Report all spills (regardless of size) immediately to the Engineer.
 - d. Complete spill report form within 24 hours and submit to Engineer.
 - (1) The report shall include items from 3.08.5.b. above
 - (2) The report shall describe/propose preventative future measures
 - (3) An example spill report form is included in the Maritime Division Environmental Notification Guide attached as Appendix A.

3.09 HAZARDOUS MATERIAL CLEANUP AND DISPOSAL

- A. The Plan shall contain information on how the Contractor shall characterize, cleanup and remove all hazardous material and waste generated from Contractor operations. At a minimum, the Plan shall include or communicate the following:
1. For the purposes of this section, clean shall be defined as the Work site being free of all hazardous material(s), product (or oil) sheen, waste(s) container(s), containment device(s), scrap material(s), used spill pads or absorbent pads, or any other hazardous material debris resulting from the Contractor activities.
 2. The Port of Seattle will retain title to all existing hazardous waste on site if encountered during demolition, removal, or excavation. This does not include hazardous materials generated, or left behind by the Contractor, such as used motor oils, paints, lubricants, cleaners, spilled materials, etc. Contractor will be the generator and owner of these wastes and shall clean and dispose of such waste according to the Contract Documents and follow local, State, and Federal regulations. The Port of Seattle will be shown as the hazardous waste generator and will sign all hazardous waste manifests for non-Contractor generated hazardous wastes. Nothing contained within these Contract Documents shall be construed or interpreted as requiring the Contractor to assume the status of owner or generator of hazardous waste substances for non-Contractor generated hazardous wastes.
 3. Hazardous material(s) and other waste(s) shall be disposed in a fully permitted disposal facility with the approvals necessary to accept the waste materials that are disposed. Use of the Port of Seattle's EPA Identification Number for disposal purposes must be coordinated with the Engineer and all documentation such as manifests, land disposal restriction forms, and profiles must be delivered to the Engineer if the Port of Seattle's EPA Identification number is being used for disposal on the project.
 4. Handling of any contaminated soils resulting from a contractor spill shall be coordinated with the Engineer. Contaminated soil stockpiles must be on a plastic liner, covered with plastic, secured and labeled. Contaminated soils from a contractor spill of unknown source must be characterized for disposal purposes.
 5. Contaminated materials, such as absorbent materials, rags, containers, gloves, shall be collected, placed into labeled containers and properly disposed.
 6. Any unanticipated hazardous materials, waste, or contaminated soils encountered during construction that are not generated by the Contractor shall be immediately brought to the Engineer's attention for determination of appropriate action. Contractor shall not disturb such hazardous materials or contaminated soils until directed by the Engineer.

3.10 Pollution Prevention BMP Selection

- A. The contractor shall document temporary Pollution Prevention BMPs that will be implemented during the duration of the project. Approved BMPs for Port properties within the City of Seattle may be found in the City of Seattle Stormwater Manual (July 2021), or current edition.

- B. At a minimum, the following Pollution Prevention BMPs will be required on the project site and at any LSA utilized by the contractor:
 - 1. Housekeeping – Contractor areas and pavement shall remain free of loose trash/debris (including cigarette butts) and sediment at all times.
 - 2. Concentrated galvanized materials shall not be stored directly on pavement and shall be under cover (or covered and secured with plastic sheeting or tarps) at all times.
 - 3. Products with SDSs and small fuel-powered equipment shall be stored inside properly sized and maintained secondary containment.
 - 4. Lids are required on all dumpsters and/or trash cans, and shall be secured at all times.

3.11 Pollution Prevention BMP Maintenance Planning, Execution and Inspection

- A. Planning and execution
 - 1. BMPs shall be maintained for the life of the project, the completion of a work phase and/or until removed by direction of the Engineer.
 - 2. BMPs shall be maintained during all suspensions of work and all non-work periods.
 - 3. BMPs shall be maintained and repaired as needed to assure continued performance of their intended function.
 - 4. Sediments removed during BMP maintenance shall be placed away from natural and constructed storm water conveyances and permanently stabilized or removed from the project site or LSA.
 - 5. All maintenance shall be completed within 24 hours of inspection.
- B. Inspection
 - 1. Contractor shall inspect all BMPs daily when work is occurring onsite and anytime 0.5" of rainfall has occurred within 24 hours on non-working days including, but not limited to, weekends, holidays, after hours, and suspension days. Rainfall amounts can be determined by contacting the National Weather Service.
 - 2. Deficiencies identified during inspection shall be corrected within 24 hours or as directed by the Engineer.

3.12 SUBCONTRACTOR ACKNOWLEDGEMENT

- A. The requirements of the Pollution Prevention Plan are the responsibility of the Contractor and compliance must be communicated at all tiers of the Contract. The Contractor must provide a written acknowledgement from all subcontractors that they have read, understand, and will comply with the requirements of the Pollution Prevention Plan. This written acknowledgement must be included in the Pollution Prevention Plan as part of the preconstruction submittal. The subcontractor acknowledgement section of the Pollution Prevention Plan must be updated as needed throughout the life of the Contract.

3.13 EDUCATION

- A. The Contractor shall provide narrative in the Pollution Prevention Plan on how they will educate all personnel including subcontractors. At a minimum, the Contractor shall train staff through regularly scheduled meetings to discuss environmental protection subjects as related to this project. This may be added to any existing weekly meetings (such as safety meetings). Training content shall emphasize identifying Pollution Prevention team members, pollutant sources, sensitive areas, emergency response, spill prevention and inspections. Keep minutes of the meetings detailing attendees and subjects discussed. Submit the minutes to the Engineer monthly.

PART 4 MEASUREMENT AND PAYMENT

4.01 GENERAL

Based upon unit cost Bid Item "Pollution Prevention Planning and Execution", payments will be made as follows:

- A. Upon receipt of the Pollution Prevention Plan 25%
- B. After NTP and before Substantial Completion, 50% will be pro-rated and paid monthly for compliance with the Pollution Prevention Plan. Non-compliance will result in withholding of payment for the month of non-compliance.
- C. After Substantial Completion, 25% for completion of work onsite.

[OR]

- A. No separate measurement or payment will be made for the work required by this Section. The cost for this portion of the Work will be considered incidental to, and included in, the payments made for the applicable bid items in the **[Schedule of Unit Prices]** or **[Lump Sum price]** bid for the Project.

End of Section
