

Stormwater Pollution Prevention Plan (SWPPP)

Site:

Gloucester Marine Railways Corporation
81 Rocky Neck Avenue
Gloucester, MA 01930

Submitted to:

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Gloucester, MA 01930

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STORMWATER POLLUTION PREVENTION PLAN CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature (Company Authorized Representative)

Date

Print Name

Title

1.0 INTRODUCTION

This Stormwater Pollution Prevention Plan (SWPPP) for the Gloucester Marine Railways Corporation (GMRC) facility in Gloucester, Massachusetts, was prepared by Tetra Tech, Inc. (Tetra Tech).

1.1 Purpose

The SWPPP has been developed for this facility and designed to minimize, prevent and control impacts on stormwater discharges from industrial activity. This SWPPP was prepared in accordance with the United States Environmental Protection Agency's (EPA) National Pollutant Discharge Elimination Systems (NPDES) Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity (MSGP). The information used to complete this plan is based on information supplied by Gloucester Marine Railways Corporation personnel and per the 2015 Multi-Sector General Permit (MSGP) guidance. The assessment team members were Viking Gustafson (General Manager, Gloucester Marine Railways Corporation), John Scaramuzzo (Project Manager, Tetra Tech) and Richard Claydon (Project Engineer, Tetra Tech).

1.2 Facility Description

GMRC operates a full-service shipyard located at 81 Rocky Neck Avenue, Gloucester, Essex County, MA ("Facility"). A Site Location Map is presented as Figure 1 illustrating the general site and the immediate vicinity. Operations at the Facility are classified under Standard Industrial Code (SIC Code) is 3731, 3732 (Ship and Boat Building and Repairing) and is in Sector R (Ship and Boat Building and Repairing Yards) of the MSGP. GMRC has operated the Facility since 1965 and the site has been a shipyard since the 1850's.

The Facility is approximately 3.33 acres in size, paved and contains several wharfs, two marine railways, maintenance shop, fueling operations and associated support facilities. An office/storage building is located on the southwestern portion of the property and a maintenance shop is located on the northwestern portion of the property. Five, one-story sheds and a fuel pad are located in the central area of the property. To the east of the maintenance shop are two marine railways that extend out into the harbor on concrete pads. The southeastern portion of the Facility contains slips for docking boats.

The Facility is a full service shipyard and operations generally consist of the following:

- Pressure washing, cleaning, repairing, painting of boat and ship hulls on wharf and marine railways
- Maintenance and repair
- Bulk loading of USTs
- Fueling of boats
- Office activities
- Boat slip rentals

1.3 Facility Owner and Operator

The facility owner and operator are given as follows:

Facility Operator:	Gloucester Marine Railways Corporation	Owner Name:	Gloucester Marine Railways Corporation
Address:	81 Rocky Neck Avenue Gloucester, MA	Address:	81 Rocky Neck Avenue Gloucester, MA
Telephone:	(978) 283-2775	Telephone:	(978) 283-2775
Email:	railways@verizon.net	Email:	railways@verizon.net
Contact:	Viking Gustafson	Contact:	Viking Gustafson

1.4 Stormwater Permitting Background

A copy of the Notice of Intent (NOI) for coverage under the MSGP along with a copy of the MSGP are included in Appendix A.

2.0 POLLUTION PREVENTION TEAM

The stormwater pollution prevention team members and their designated responsibilities are presented in the table below. Team members are responsible for assisting Facility management in the development, implementation, evaluation, maintenance, and revision of the SWPPP. They also coordinate facility compliance with the specific management actions identified in the SWPPP, including Best Management Practices (BMPs), conducting inspection activities, preparing and submitting reports, and serving as SWPPP facility contacts for the GMRC. The stormwater pollution prevention team consists of a Team Leader and Team Member and a description of their roles and responsibilities are provided below:

Team Leader

The Team Leader is responsible for regulatory contact, monitoring, and record keeping. The Leader directs the Team in developing, implementing, maintaining, and revising the Plan. In addition, the Leader conducts Site Inspections at appropriate intervals as specified in the Plan and is responsible for all reporting requirements.

The Team Leader is responsible for implementing the Plan at the facility which includes operational BMPs and establishing necessary spill emergency procedures to isolate, contain, and clean up spills and emergency releases before a discharge to surface waters can occur. The Team Leader trains personnel responsible for implementing activities identified in the Plan or are otherwise responsible for stormwater management at all levels.

Team Members

The primary duty of the Team Member is to assist in the development, implementation, maintenance, and revision of the Plan. Team Members may also assist with inspections at appropriate intervals as specified in the Plan.

POLLUTION PREVENTION TEAM			
SWPPP Role	Name / Title	Telephone No.	SWPPP Responsibilities
Team Leader	Viking Gustafson / General Manager	Office: (978) 283-2775	Assessment; identification of BMPs; plan implementation and revisions; Spill response implementation and coordination; employee training; report preparation and submittal; and record keeping
Team Member	Tetra Tech	Office: (617) 443-7500	Consultants on Spill response implementation; conduct inspections; maintain good housekeeping, preventative maintenance; and sampling.

3.0 SITE DRAINAGE AND STORMWATER CHARACTERIZATION

3.1 Drainage

The Facility is entirely paved and contains several wharfs, two marine railways, maintenance shop, fueling operations and associated support facilities. An office/storage building is located on the southwestern portion of the property and a maintenance shop is located on the northwestern portion of the property. Five, one-story sheds and a fuel pad are located in the central area of the property. To the east of the maintenance shop are two railways that extend out into the harbor on concrete pads.

Stormwater at the Facility generally sheet flows from north to south toward a catch basin located at the southeast corner of the Facility within the paved area. Discharge from the catch basin enters a stormceptor with an oil/grit separator which is designed to treat the stormwater runoff reducing the discharge of total suspended solids. Stormwater then drains from the stormceptor through a discharge pipe containing a gate valve prior to final discharge through Outfall 001 into Gloucester Harbor Smith Cove. The outfall discharge pipe is above the water line.

A Facility Map presented as Figure 2 depicts the stormwater drainage flow, locations of industrial activities, material storage areas, catch basin and stormceptor location, storm drains, and outfall at the Facility.

3.2 Sampling Data

No surface water sampling has previously been performed at the site. Stormwater sampling will be completed during the term of this MSGP as described in Section 6 of this SWPPP.

4.0 POTENTIAL POLLUTANT SOURCES

4.1 Description of Potential Pollutant Sources

The facility consists of areas where industrial materials and activities may be exposed to stormwater or have high potential to contribute pollutants to stormwater drainage. The following areas at the Facility consist of activities that may have the potential to impact stormwater:

- Boat hull washing, cleaning, repair and painting – Washing, cleaning, repair and painting of boat hulls is performed on wharf area east of the maintenance shop. Operations are confined to a sumped area covered in a rubber membrane on the concrete used to capture the wash water and divert to a catch basin. The wash water is run through a filter system that removes solids. The wash water is then recycled for future washing. The recycled washwater is stored in 500 gallon PVC aboveground tanks. Residual solids and other materials are filtered from the tanks, allowed to dry, and stored pending proper off-site disposal.
- Marine railway boat and ship hull washing, cleaning, repair and painting – There are two marine railways used to wash, clean, repair and paint boat and ships east of the maintenance shop at the northeast portion of the Facility. The marine railways are located directly over the harbor at high tide. Tarps, mats and plastic barriers are used during work at low tide to contain solids and captive wash water for recycling through the filter system.
- Fuel loading and dispensing area – Fuel is loaded from tanker trucks into one of four 10,000-gallon underground storage tanks (USTs) (3 diesel USTs and 1 gasoline UST) located in the central portion of the Facility. Fuel is also dispensed into boats and other motorized equipment.
- Maintenance Shop – The shop is located at the northwest portion of the Facility and contains a waste oil aboveground storage tank used as fuel for boiler and diesel generator, a wood shop, paint and miscellaneous associated chemical storage areas, welding equipment and associated operations and used for maintenance activities.

A summary of the potential pollutant sources to stormwater runoff from the industrial activities at the Facility are identified in the table below.

POTENTIAL POLLUTANT SOURCES TO STORMWATER RUNOFF	
Industrial Activity	Associated Pollutants
Boat hull washing, cleaning, repair and painting	Paint solids, metals, suspended solids, organic material, wash wastewater
Marine railway boat and ship hull washing, cleaning, repair and painting	Paint solids, metals, suspended solids, organic material, wash wastewater.
Fuel loading and dispensing area	Petroleum - gasoline and diesel range organics
Maintenance Shop	Petroleum (diesel fuel, waste oil, virgin oil), paint, suspended solids.

4.2 Spills and leaks

The Facility contains areas where there is a potential for spills and leaks to impact stormwater discharges. These areas and their potential for impact are identified in the potential pollutant sources to stormwater runoff table presented in Section 4.1.

No significant spills or leaks have occurred during the three years prior to the submission date of the NOI and the preparation of the SWPPP. If a spill or leak does occur that could impact stormwater, it will be documented and included with this SWPPP. A form for documenting such spills and leaks is included in Appendix B. Significant spills will be reported to the Massachusetts Department of Environmental Protection (MassDEP) Emergency Response Section and to the National Response Center (NRC).

4.3 Non-Stormwater Discharges

The Facility has been evaluated for the presence of non-stormwater discharges. Stormwater discharge locations have been evaluated by visual inspection by GMRC and Tetra Tech for non-stormwater impacts. These evaluations were conducted during dry weather conditions and the outfall location exiting the site, as shown on Figure 2, was evaluated. There were no non-stormwater discharges observed at the Facility during the evaluation. In accordance with the MSGP, discharges of bilge and or ballast water sanitary wastes and or cooling water and are prohibited from occurring at the Facility.

5.0 STORMWATER MANAGEMENT CONTROLS

Stormwater management controls implemented at the Facility use BMPs to prevent or reduce the potential for pollution from for each of the areas where industrial materials or activities are exposed to stormwater. BMPs are a broad class of measures and include processes, procedures, schedules of activities, prohibitions on practices, and other management practices to prevent or reduce water pollution. The following sections describe the general BMPs that are included in this SWPPP and additional site specific BMPs tailored to site specific activities and potential pollutant sources.

General BMPs are:

- Minimizing Exposure
- Good Housekeeping
- Maintenance
- Spill Prevention and Response
- Erosion and Sediment Control
- Management of Runoff
- Employee Training

5.1 Minimizing Exposure

Where practicable, minimizing exposure of potential pollutant sources to precipitation prevents pollutants from coming into contact with precipitation. This can reduce the need for BMPs to treat contaminated stormwater runoff. The Facility stores industrial materials and equipment in the maintenance shop building preventing exposure to rain, snow, snowmelt, or runoff. Boat cleaning activities are limited to days when precipitation is not occurring. When wet weather is anticipated temporary tarps, mats, plastic barriers, etc. used to contain potential pollutants during cleaning of the boat hulls will be picked up and stored in buildings or cleaned to prevent potential pollutants from coming into contact with precipitation.

5.2 Good Housekeeping

Good housekeeping procedures will be followed in order to keep the site clean and orderly, thereby minimizing the potential for pollutants to enter the stormwater. The following housekeeping activities are conducted:

- Regular disposal of trash and other solid waste material;
- Keeping the dumpster covered when not in use;
- Monitoring fuel and gasoline transfers to avoid spills;
- Maintenance of surface water control structures and secondary containment structures around fuel tanks;
- Avoiding spills of miscellaneous chemicals and fuel or other fluids;
- Keeping heavy equipment in good repair to eliminate drips and leaks;
- Prompt and proper clean-up of any fuel, or other chemical spills that do occur; and
- Storing drums and other portable containers in locations with cover from rain and/or containment.

In accordance with Part 8 Subpart R of the MSGP the following are additional specific good housekeeping measures associated with technology-based effluent limits.

5.3 Maintenance

Preventive maintenance involves the regular inspection, testing, maintenance and repair of stormwater management devices (e.g., catch basins, stormceptors, containment areas, etc.) and facility equipment and systems. BMPs identified in the SWPPP are maintained in effective operating condition. Regular inspections are conducted on a quarterly basis in conjunction with the routine facility inspections described in Section 6.1 or in accordance with manufacturer's recommendations. These inspections should prevent conditions such as cracks or slow leaks that could cause breakdowns or failures

potentially resulting in discharges of pollutants to surface waters. If routine facility inspections identify BMPs that are not operating effectively, maintenance will be performed before the next anticipated storm event, or as necessary to maintain the continued effectiveness of stormwater controls. If maintenance prior to the next anticipated storm event is impracticable, maintenance will be scheduled and accomplished as soon as practicable. Specific maintenance and inspection of the catch basin and stormceptor are performed in accordance with an operation and maintenance plan maintained at the Facility. Equipment and other systems used in operations at the facility are regularly inspected and maintained in good working order to prevent failures and the potential for impacts to stormwater. Maintenance inspection forms for stormwater control measures and industrial equipment are presented in Appendix C.

5.4 Spill Prevention and Response

Spills and leaks are one of the largest potential sources of stormwater impacts, and in many cases they are avoidable. Establishing standard operating procedures for safety and spill prevention, along with proper employee training, can reduce accidental releases.

To prevent spills from the commercial fuel trucks and USTs, fuel delivery system components are regularly inspected and maintained. Personnel are familiar with the emergency shut-off valve designed to stop flow in the event of stuck valves, burst hoses, and pump failure.

In the event of a spill or leak, Facility personnel will implement the procedures outlined below. Emergency equipment used to cleanup spills or leaks are located in the maintenance building. If a spill or leak occurs, the event information will be logged on a form as provided in Appendix B.

In general, upon discharge discovery, the following actions will be performed to contain spills:

- If possible and safe to do so, identify and shut down source of the discharge to stop the spill flow. Eliminate any potential spark sources.
- Notify the Team Leader or his/her alternate.
- The Team Leader assesses the nature and extent of the spill and the potential threat to human life or the environment. The Team Leader then directs implementation of the actions needed to stop the source of the release and control the spread of the released material or the flow of material to local surface waters. As warranted, the Team Leader (or the alternate) will contact the spill response contractor and/or the local emergency response agencies (fire department) and/or the MassDEP Emergency Response Section at the toll-free 24-hour statewide number: 1-888-304-1133. (See emergency contact information presented below)
- If the spill reaches or threatens to reach waters of the US, or if the spill is a petroleum product release of greater than 10 gallons, or if the spill of a CERCLA hazardous substance exceeds its reportable quantity (RQ), the incident will be immediately reported to the appropriate governmental agency: See emergency contact information presented below. Response measures include the use of absorbent materials to prohibit or control the flow of spilled materials. If appropriate, place absorbent material at downgrade locations along drainage paths to ensure any released petroleum is contained on-site. If a spill flows off-site via the stormwater drainage system or via sheet flow overland, deploy booms downgrade of the spill at appropriate staging point(s).
- Upon control of the spill, the Team Leader will direct cleanup and proper disposal of the impacted residues resulting from the spill event.

Emergency Spill/Release Contact and Notification Numbers	
Emergency Phone:	Team Leader's 24-hour number: (978) 815-1634
Emergency Contact:	Viking Gustafson, Team Leader/General Manager (978) 283-2775
Environmental Consultant:	Tetra Tech, Inc. John Scaramuzzo (617) 443-7562
Fire Department:	911
MassDEP Emergency Response Section	(888) 304-1133
National Response Center (NRC):	(800) 424-8802

5.5 Erosion and Sediment Controls

The Facility is located in a developed area and is relatively flat with the majority of the area covered with asphalt paving or concrete thereby limiting erosion from occurring. In the event covered areas at the Facility are exposed due to land disturbing activities, appropriate erosion and sediment control measures will be implemented to minimize any impacts to surface water from stormwater discharges.

5.6 Management of Runoff

The Facility is located in a developed area, is relatively flat and the entire area is covered with asphalt or concrete. Stormwater runoff in areas at the Facility where industrial activity is occurring generally sheet flows from north to south toward a catch basin located at the southeast corner of the Facility within the paved area. Stormwater from the catch basin enters a stormceptor with an oil/grit separator which is designed to treat the stormwater runoff reducing the total suspended solids. Stormwater then drains from the stormceptor through a discharge pipe containing a gate valve prior to final discharge though Outfall 001 into Gloucester Harbor Smith Cove.

5.7 MSGP Sector-Specific Non-Numeric Effluent Limits

In accordance with Part 8 Subpart R of the MSGP, sector-specific non-numeric effluent limits apply to the operations at the Facility. These additional non-numeric effluent limits are technology-based effluent limits consisting of specific BMP measures for the activities at the Facility such as good housekeeping measures, employee training and preventative maintenance. The specific BMP measures for the activities at the Facility are further described in Section 5.12.

5.8 Employee Training

The Facility will provide employee training regarding stormwater management annually, or more often if considered necessary, by the Pollution Prevention Team. The training will be provided for employees who work in areas where industrial materials or activities are exposed to stormwater, and for employees who are responsible for implementing activities identified in the SWPPP. The training will inform the employees of the components and goals of the SWPPP and topics will include:

- Good housekeeping;
- Material management practices, including used oil management, fueling procedures, pressure washing procedures, surface preparation procedures, painting procedures, etc.;

-
- Preventive measures, including BMPs, control measures, spill prevention and response procedures and preventive maintenance; and
 - Review of this Stormwater Pollution Prevention Plan.

Documentation of training will be maintained within Appendix D of this SWPPP.

5.9 Non-Stormwater Discharges

Non-stormwater discharges are potential pollutant sources and are prohibited from being discharged into a stormwater drainage system unless covered by the MSGP. There are two potential sources of non-stormwater discharges: the wash wastewater from the cleaning of the boat hulls on the wharf area and from the marine railway area.

Washing and cleaning of boat hulls is performed on wharf area east of the maintenance shop. Operations are confined to a sumped area covered in a rubber membrane on the concrete used to capture the wash water and divert it to a catch basin. The wash water is run through a filter system that removes all solids. The wash water is then recycled for future washing. The recycled washwater is stored in 500 gallon PVC aboveground tanks.

The resulting wash wastewater from the boat and ship cleaning operations on the marine railways is captured by tarps placed to fully capture all wash wastewater. The wash water is then collected pumped to the filtration system and recycled for future washing activities or properly disposed/recycled.

5.10 Waste, Garbage and Floatable Debris

Debris and waste materials are collected and properly disposed of in designated waste receptacles for subsequent off-site disposal. Garbage and waste material is collected and contained in covered waste storage containers. Dumpsters, trash bins exposed to stormwater are covered or located within a building and maintained in a manner which prevents contact with of stormwater. Employing good housekeeping measures and conducting routine visual inspections of the Facility to keep the site clean and orderly, will minimize the potential for waste, garbage and debris from entering stormwater discharges.

5.11 Dust Generation and Vehicle Tracking of Industrial Materials

The Facility is located in a developed area and the entire Facility is covered with asphalt or concrete. Therefore, dust generation from vehicle operations is minimal, if any. Surface preparation activities of the boat and ship hulls will be performed in specific areas at the Facility using plastic barriers, tarpaulins or other systems to contain particles. Sanding activities are not performed during windy conditions. Additionally, employing good housekeeping measures and routine cleanup of the Facility will also minimize the potential for dust generation from occurring. The receipt and shipment of industrial materials does not occur on a routine basis. The materials are typically received or shipped out in small containers with the exemption of the receipt of fuel by tanker truck.

5.12 Site-Specific BMPs

Site-specific BMPs are applicable to specific operations conducted at the Facility. These BMPs are designed to address specific potential pollution sources or activities. The stormwater pollution prevention team periodically reviews the site-specific BMPs to assess any revisions or additions that may be appropriate.

The following table provides a list of the site-specific BMPs for the Facility:

BMPs for Potential Pollutant Sources	
Pressure Washing	<ul style="list-style-type: none"> • Collect discharge water and remove visible solids before recycling the water. Perform pressure washing only in designated areas where wash water containment can be effectively achieved. • Use no detergents or additives in the pressure wash water. • Train employees on operational procedures and implementing control measures.
Surface preparation, sanding, and paint removal	<ul style="list-style-type: none"> • Confine activities to designated areas outside drainage pathways and away from surface waters. • Enclose, cover, or contain sanding activities to the extent practical to prevent dust and paint chips from reaching storm sewers or receiving water. • Hang plastic barriers or tarpaulins to contain debris. • Conduct bottom paint removal operations over a tarpaulin. • Prohibit un-contained sanding activities performed over open water. • Prohibit sanding activities during windy conditions which render containment ineffective. • Prohibit discharge of bottom paint residues to surface waters or land. • Collect bottom paint residues for proper disposal by a licensed waste hauler. • Inspect and clean sediment traps to ensure the interception and retention of solids. • Use environmentally-sensitive paint strippers. • Inspect area regularly to ensure BMPs are implemented. • Train employees on waste control and disposal procedures.
Painting	<ul style="list-style-type: none"> • Confine activities to designated areas. • Mix paints in designated areas away from drains, ditches, piers, and surface waters, preferably indoors or under cover. • Have absorbent and other cleanup items readily available for immediate cleanup of spills. • Allow empty paint cans to dry before disposal. • Keep paint products away from traffic areas. • Store waste paint and rags in covered containers. Use coatings with low VOC content; use high transfer efficiency coating techniques such as brushing and rolling.
Drydock maintenance	<ul style="list-style-type: none"> • Clean and maintain drydock on a regular basis to minimize the potential for pollutants in the stormwater runoff. • Sweep accessible areas of the drydock • Collect wash water to remove solids for appropriate disposal. • Remove floatable and other low-density waste (wood, plastic, insulations, etc.), and place in closed containers for disposal. • Have absorbent materials and oil containment booms readily available to contain/cleanup any spills.
Drydock activities	<ul style="list-style-type: none"> • Use plastic barriers beneath the hull and between the hull and drydock walls for containment. • Weight the bottom edge of the containment tarpaulins or plastic sheeting during a light breeze. • Inspect the maintenance area regularly to ensure BMPs are implemented. • Train employees on waste control and disposal procedures.

BMPs for Potential Pollutant Sources

Marine railway activities	<ul style="list-style-type: none"> • Tarp surfaces under marine railways when working on vessels on the railway. • Clean railways before the incoming tide. • Haul vessels beyond the high tide zone before work commences. • Place plastic sheeting or tarpaulin underneath boats to contain and collect waste and spent materials and clean and sweep regularly to remove debris. • Vacuum or sweep, rather than hose, to remove debris present on the dock.
Engine maintenance and repair activities	<ul style="list-style-type: none"> • Conduct maintenance and repair operations over land, avoid repairs conducted over water whenever possible. • Work indoors, if possible, or create temporary work enclosures using heavy-gauge polypropylene plastic stretched over a tubular metal frame (or comparable materials). • Conduct the cleaning operations indoors when possible. • Collected wastes will be treated or disposed of by a licensed waste hauler. • If operations are uncovered, perform them on asphalt paved areas. • Use berms, curbs, or similar means to ensure that stormwater runoff from other parts of the facility does not flow over the maintenance area. • Use suction-style oil pumps to drain crankcase oil, and use absorbent pads to remove oil from bilges. • Use drip plans, drain boards, and drying racks to direct drips back into a sink or fluid holding tank for reuse. • Drain all parts of fluids prior to disposal. • Promptly transfer used fluids to the proper container; do not leave full drip pans or other open containers around the shop. Empty and clean drip pans and containers. • Dispose of greasy rags, oil filters, air filters, batteries, spent coolant, and degreasers in compliance with appropriate regulations. • Label and maintain components used for the recycling of waste material • Maintain an organized inventory of materials. • Promptly clean up leaks, drips, and spills if any. • If parts are dipped in liquid, remove them slowly to avoid spills. • Inspect the maintenance area regularly to ensure BMPs are implemented. • Train employees on waste control and disposal procedures.

BMPs for Potential Pollutant Sources

Material handling and storage	<ul style="list-style-type: none"> • Chemical storage areas are located in buildings to prevent contact with precipitation. • Store containerized materials (fuels, paints, etc.) indoors where possible. • If containment structures have drains, ensure that the drains have valves, and that valves are maintained in the closed position. Institute protocols for checking/testing stormwater in containment areas prior to discharge. • Locate storage areas away from high traffic areas and surface waters. • Clearly label drums and containers, with contents. • Store reactive, ignitable, or flammable liquids in compliance with the local fire code, local zoning codes, and the National Electric Code. • Secure and carefully monitor hazardous materials to prevent theft, vandalism, and misuse of materials. • Properly dispose of chemicals that are no longer in use. • Use temporary containment and portable drip pans where required. • Provide drip pads/pans where chemicals are transferred from one container to another to allow for recycling of spills and leaks. • Train employees in proper storage, use, cleanup, and disposal of materials.
Bulk liquid storage and containment	<ul style="list-style-type: none"> • Maintain good integrity of all storage tanks. • Inspect storage tanks to detect potential leaks and perform preventive maintenance. • Inspect piping systems and dispensers (pipes, pumps, flanges, couplings, hoses, valves, nozzles) for failures or leaks. • Train employees on filling and transfer procedures.
Fueling	<ul style="list-style-type: none"> • Closely observe fuel transfers to prevent spills. • Discourage “topping off” of fuel tanks by training employees. • Use dry clean-up methods in the fueling area. Have absorbent materials readily available to clean up spills. • Do not hose down the area of a petroleum or fuel leak. • Train employees on filling and transfer procedures.
Maintaining Vehicles and Equipment	<ul style="list-style-type: none"> • Use noncaustic detergents, or water-based or citrus-based cleaners where possible. Perform all liquid cleaning at a centralized station. Use drip pans to contain drips. Reuse the cleaning agents when practical. • Promptly clean up leaks, drips, and other spills, if any. Use rags or damp mops for small spills and absorbent material for larger spills. Avoid hosing down work areas. • Place oil filters in a funnel over the used oil recycling or disposal collection tank to drain excess oil before disposal. • Store cracked batteries inside. • Recycle used oil, oil filters, antifreeze, hydraulic fluid, batteries and cleaning solutions.
Designated material mixing areas	<ul style="list-style-type: none"> • Mix paints inside, where possible. • If spills occur: <ul style="list-style-type: none"> ○ Stop the source of the spill immediately. ○ Contain the liquid until cleanup is complete. ○ Deploy oil containment booms if the spill may reach a surface water. ○ Cover the spill with absorbent material. ○ Keep the area well ventilated. ○ Dispose of cleanup materials in the same manner as required by the spilled material. Do not use emulsifier or dispersant.

6.0 STORMWATER INSPECTION AND MONITORING PROCEDURES

The stormwater monitoring to be conducted at the site consists of monitoring and visual examinations of stormwater discharges associated with industrial activity as described herein.

6.1 Routine Facility Inspections

In accordance with the MSGP, a routine site inspection will be conducted on a quarterly basis and performed during periods when the Facility is in operation. At least once each calendar year, the routine facility inspection will be conducted during a period when a stormwater discharge is occurring. The inspection will be performed by qualified personnel with at least one member of the Pollution Prevention Team participating in the site inspections. The inspectors will be familiar with the industrial activity, the BMPs and the SWPPP, and possess the skills to assess conditions at the facility that could impact stormwater quality, and to assess the overall effectiveness of the SWPPP.

The inspection will include all areas where industrial materials or activities are exposed to stormwater, as identified in the SWPPP, and areas where spills and leaks have occurred within the past three years. The qualified person(s) conducting the evaluation will generally look for:

- Industrial materials, residue or trash on the ground that could contaminate or be washed away in stormwater;
- Leaks or spills from industrial equipment, drums, tanks or other containers;
- Evidence of, or the potential for, pollutants entering the drainage system;
- Off-site tracking of industrial materials or sediment where vehicles enter or exit the site;
- Tracking or blowing of raw, final, or waste materials from areas of no exposure to exposed areas; and
- Control measures needing replacement, maintenance, or repair.

The inspections will also review results of both visual and any analytical monitoring conducted during the year. Stormwater BMPs identified in the SWPPP will be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they will be inspected to see whether BMPs are effective in preventing significant impacts to receiving waters. Where discharge locations are inaccessible, nearby downstream locations will be inspected if possible.

A site inspection report will be prepared and maintained with the SWPPP and also included as part of the Annual Report. The results of routine facility inspections will be documented in the routine facility inspection report form presented in Appendix E. A copy of the Annual Reporting form is presented in Appendix H. In addition, the site inspection report will be submitted in an annual report to EPA as required in Part 7.2 of the MSGP and described in Section 8.1 of the SWPPP. The inspection report will at a minimum include the following:

- The date of the inspection;
- The name(s) and title(s) of the personnel making the inspection;
- Findings from the examination of areas of the facility identified in Part 4.3.1;
- All observations relating to the implementation of control measures including:
 - previously unidentified discharges from the site,
 - previously unidentified pollutants in existing discharges,
 - evidence of, or the potential for, pollutants entering the drainage system;
 - evidence of pollutants discharging to receiving waters at all facility outfall(s), and the condition of and around the outfall, including flow dissipation measures to prevent scouring, and
 - additional control measures needed to address any conditions requiring corrective action identified during the inspection.
- Any revisions to the SWPPP resulting from the inspection;

-
- Any incidents of noncompliance observed or a certification stating the facility is in compliance with this permit (if there is no noncompliance); and
 - A statement, signed and certified in accordance with Appendix B, Subsection 11 of the MSGP and Section 9.0 of the SWPPP.

The report will identify incidents of significant noncompliance. Where a report does not identify any incidents of noncompliance, the report will contain a certification that the facility is in compliance with the SWPPP and this permit. The report will be signed in accordance with Appendix B, Subsection 11 of the MSGP and Section 9.0 of the SWPPP.

Any corrective action required as a result of the site inspection will be performed consistent with Section 8.4 of the SWPPP and Part 3 of the MSGP.

6.2 Quarterly Visual Assessment of Stormwater Discharges

The Facility will perform and document quarterly visual assessment of stormwater discharges associated with industrial activity. The assessment will be made at least once in each of the following three month periods: January through March, April through June, July through September, and October through December. The visual assessments will be conducted during the daylight hours (e.g. normal working hours). Stormwater samples will be collected using a clean jar and the examination documents observations color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of stormwater pollution.

Stormwater samples will be collected within the first 30 minutes of an actual discharge from a storm event, and from discharges that occur at least 72 hours (3 days) from the previous discharge. If it is not possible to collect the sample within the first 30 minutes of discharge, the sample will be collected as soon as practicable after the first 30 minutes and will document why it was not possible to take samples within the first 30 minutes. In the case of snowmelt, samples will be taken during a period with a measurable discharge from the site. Additionally, the 72-hour (3-day) storm interval does not apply if it is documented that less than a 72-hour (3-day) interval is representative for local storm events during the sampling period.

The results of the quarterly visual assessments will be maintained on an inspection form; see Appendix F. The Pollution Prevention Team will evaluate the results obtained from the visual assessments to determine whether the Facility needs to implement additional controls for stormwater runoff. If the results of the visual assessments demonstrate that the Facility requires additional stormwater controls, a review of the SWPPP will be made and modifications or additions to the SWPPP necessary to eliminate stormwater contamination will be made. A summary of significant site and/or procedural changes will be documented and maintained with this SWPPP. Any corrective action required as a result of a quarterly visual assessment will performed consistent with Section 8.4 of the SWPPP and Part 3 of the MSGP.

6.3 Quarterly Benchmark Monitoring

The Facility will monitor stormwater discharges associated with industrial activity at least once in each of the following 3-month intervals and representative of the quantity and quality of the stormwater runoff being discharged from the Facility:

- January 1 – March 31;
- April 1 – June 30;
- July 1 – September 30; and
- October 1 – December 31.

Monitoring requirements as part of the MSGP will commence in the first full quarter following the date of discharge authorization. A minimum of one grab sample for each outfall will be collected as described in

Section 6.4 and the Facility will monitor for the following parameters with the associated benchmark monitoring concentration:

Parameter	Benchmark Monitoring Concentration
Aluminum	0.75 mg/L
Iron	1.0 mg/L
Lead	0.21 mg/L
Copper	0.0048 mg/L

Stormwater discharge samples collected from the outfall during the quarterly benchmark sampling events will be collected as grab samples into the pre-preserved analytical laboratory-supplied sample containers. Following collection, each sample container will be labeled with a waterproof marker to identify the sample location (Outfall 001), facility name, analysis and method number, sample time and date, preservative (as applicable) and samplers initials. The samples will be wrapped with protective packing and secured in a cooler with sufficient ice to maintain a sample temperature of at least 4°C. All samples will be delivered to an approved analytical laboratory under proper chain of custody and analyzed for the above listed parameters.

For each storm event monitored, the analytical results obtained will be entered onto a Discharge Monitoring Report (DMR) presented in Appendix G. One DMR will be completed for each outfall monitored, signed and submitted to EPA no later than 30 days after receipt of complete laboratory results. The laboratory monitoring results and chain-of-custody forms will also be submitted to EPA with the DMR. In addition, the Facility will maintain a record of the sample storm event data on the Monitoring Event Recording Form presented in Appendix G. The Facility will maintain copies of the DMR and supporting documentation in accordance with the recordkeeping requirements specified in Section 8.2 of the SWPPP.

The Facility will evaluate the results obtained from sampling and monitoring following the required quarterly sampling events to determine whether the Facility is below, meets, or exceeds the benchmark monitoring concentrations as presented in the above table. The results of benchmark monitoring are primarily for the Facility to use to determine the overall effectiveness of the SWPPP in controlling the discharge of pollutants to receiving waters. While exceedance of a benchmark monitoring concentration does not automatically indicate that violation of a water quality standard has occurred, it does signal modifications to the SWPPP may be appropriate.

After the collection of four quarterly samples, if the any of the monitoring values for each parameter exceeds the benchmark monitoring concentration, the Facility will, in accordance with Part 4.0 of the MSGP and Section 8.4.2 of the SWPPP, review the selection, design, installation, and implementation of control measures to determine if modifications are appropriate to meet the effluent limits in this permit, and either:

- Make modifications and continue quarterly monitoring until 4 additional quarters of monitoring are completed for which the concentration(s) does not exceed the benchmark monitoring concentration; or
- Make a determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based effluent limits or are appropriate to meet the water-quality-based effluent limitations in Part

2 of the MSGP, in which case the Facility will continue monitoring once per year. The Facility will also document the rationale for concluding that no further pollutant reductions are achievable, and retain all records related to this documentation with the SWPPP. The Facility will also notify EPA of this determination in the next benchmark monitoring report.

In accordance with Section 8.4.2 of the SWPPP, the Facility will review the control measures and perform corrective actions immediately (or document why no corrective action is taken), without waiting for the full 4 quarters of monitoring data, if an exceedance of the benchmark monitoring concentrations occurs. If after modifying control measures and conducting 4 additional quarters of monitoring, the concentration of any benchmark monitoring parameter sample still exceeds the benchmark monitoring concentration, the Facility will again review control measures and take one of the two actions listed above.

6.4 Discharges to Impaired Waters Monitoring.

Stormwater discharges from the Facility enter Gloucester Harbor, which is considered to be an impaired water, with the pollutants and non-pollutants causing impairment to be bioassessments, organic enrichment/low dissolved oxygen, other habitat alterations, and pathogens. The stormwater discharges will be monitored for fecal coliform.

Beginning in the first full quarter following the date of discharge authorization the Facility will monitor once per year at each outfall discharging stormwater to impaired waters. Note, this monitoring requirement does not apply after one year if the pollutant for which the waterbody is impaired is not detected above natural background levels in the stormwater discharge, and the Facility documents that this pollutant is not expected to be present above natural background levels in the discharge. The analytical results obtained will be entered onto a DMR presented in Appendix G. In addition, the Facility will maintain a record of the sample storm event data on the Monitoring Event Recording Form presented in Appendix G.

If the pollutant for which the water is impaired is not present and not expected to be present in the Facility discharge, or it is present but it has been determined that its presence is caused solely by natural background sources, the Facility will include a notification to this effect in the first monitoring report, after which the Facility may discontinue annual monitoring. To support a determination that the pollutant's presence is caused solely by natural background sources, the Facility will keep the following documentation with the SWPPP records:

- An explanation of why the Facility believes that the presence of the pollutant causing the impairment in the Facility discharge is not related to the activities at the Facility; and
- Data and/or studies that tie the presence of the pollutant causing the impairment in the Facility discharge to natural background sources in the watershed.

6.5 Sample Type

A minimum of one grab sample will be taken from the outfall location from a discharge resulting from a measurable storm event, which is defined as a storm event that results in an actual discharge from the Facility following the preceding measurable storm event by at least 72 hours (3 days). The 72-hour (3-day) storm interval does not apply if the Facility is able to document that less than a 72-hour (3-day) interval is representative for local storm events during the sampling period. In the case of snowmelt, the monitoring will be performed at a time when a measurable discharge occurs at the site.

The grab sample will be taken during the first 30 minutes of a measurable storm event. If it is not practicable to take the sample during the first 30 minutes, the sample will be collected as soon as practicable after the first 30 minutes and documentation will be kept with the SWPPP explaining why it was not possible to take the sample(s) within the first 30 minutes. In the case of snowmelt, samples will be taken during a period with a measurable discharge.

7.0 DOCUMENTATION TO SUPPORT ELIGIBILITY CONSIDERATION UNDER FEDERAL LAWS

7.1 Documentation Regarding Endangered Species

An evaluation was completed to assess the potential effects of applicable stormwater discharges, discharge-related activities and allowable non-stormwater discharges on listed species and their critical habitat and to determine which of the eligibility criterion, if any, the Facility qualifies under.

In accordance with the Massachusetts Endangered Species Act (MESA), a review to determine if the project falls within a priority habitat or an estimated habitat of rare species was conducted with the Massachusetts Division of Fisheries and Wildlife Natural Heritage and Endangered Species (NHESP) program. Based on a review of the NHESP priority habitat maps, the Facility is located in an area that does not contain a priority habitat or an estimated habitat of rare species. Therefore, based on the NHESP priority habitat maps, the Facility and associated stormwater discharges would not affect federally-listed threatened or endangered species and is not subject to MESA review. A copy of the map showing the Facility in relation to any priority habitat or an estimated habitat of rare species is presented in Appendix I.

Based on the above determination, the eligibility criteria for the Facility regarding endangered species is determined to be Criterion A, defined in the MSGP as no federally-listed threatened or endangered species or their designated critical habitat are likely to occur in the “action area”.

7.2 Documentation Regarding Historic Properties

To determine if the stormwater discharges from the Facility will have a potential effect on historic properties, a project notification form was submitted to the Massachusetts Historical Commission (MHC) for review and determination for impacts to historic and archaeological properties.

The Facility does not plan on constructing or installing new stormwater control measures that cause subsurface disturbance or affect any historic properties that may or may not be present at the Facility. Based on the project activities that have and will be occurring at the Facility and MHCs review, the Facility is eligible for coverage under the MSGP and meets Criterion A, defined in the MSGP as stormwater discharges and allowable non-stormwater discharges that do not have the potential to have an effect on historic properties and is not constructing or installing new stormwater control measures on the site that cause subsurface disturbance. A copy of the project notification form and the response from the MHC is included in Appendix I.

8.0 SWPPP MANAGEMENT

8.1 Reporting

8.1.1 Reporting Monitoring Data to EPA

All monitoring data collected will be submitted to EPA no later than 30 days after receipt of complete laboratory results for all monitored outfalls for the reporting period. For benchmark monitoring, note that the Facility is required to submit sampling results to EPA no later than 30 days after receiving laboratory results for each quarter that the Facility is required to collect benchmark samples.

8.1.2 Annual Report

The Facility will submit an annual report to EPA that includes the findings from the quarterly site inspections and any corrective action documentation. If corrective action is not yet completed at the time of submission of the annual report, the status of any outstanding corrective action(s) will be described. In addition to the information required for the Site Inspection Documentation and the Corrective Action Report, the Facility will include the following information with the annual report:

- Facility name
- NPDES permit tracking number
- Facility physical address
- Contact person name, title, and phone number

The Facility will submit the annual report to EPA by January 30 of each year. A copy of the Annual Reporting Form is provided as Appendix I.

8.1.3 Exceedance Report for Numeric Effluent Limits

If follow-up monitoring pursuant to Part 6.3 exceeds a numeric effluent limit, an Exceedance Report will be submitted to EPA no later than 30 days after receipt of lab results. The report will include the following:

- NPDES permit tracking number;
- Facility name, physical address and location;
- Name of receiving water;
- Monitoring data from this and the preceding monitoring event(s);
- An explanation of the situation; what has been done and intend to do (should corrective actions not yet be complete) to address the observed conditions; and
- An appropriate contact name and phone number.

8.1.4 Additional Reporting

In addition to the reporting requirements stipulated in Section 8.1 of the SWPPP and Part 7 of the MSGP, the Facility is also subject to the standard permit reporting provisions of Appendix B, Subsection 12 of the MSGP. Where applicable, following reports will be submitted to the appropriate EPA Regional Office, as applicable.

- 24-hour reporting (see Appendix B, Subsection 12.F of the MSGP) – The Facility will report any noncompliance which may endanger health or the environment. Any information will be provided orally within 24 hours from the time the Facility becomes aware of the circumstances;
- 5-day follow-up reporting to the 24 hour reporting (see Appendix B, Subsection 12.F of the MSGP) - A written submission will also be provided within five days of the time the Facility becomes aware of the circumstances;

-
- Reportable quantity spills – The Facility will provide notification, as required under Part 2.1.2.4 of the MSGP, if the Facility has knowledge of a leak, spill, or other release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity.

Where applicable, the Facility will submit the following reports to EPA Headquarters:

- Planned changes (see Appendix B, Subsection 12.A of the MSGP) – The Facility will notify EPA if significant planned physical alterations or additions to the permitted facility qualify the facility as a new source or that could significantly change the nature or significantly increase the quantity of pollutants discharged;
- Anticipated noncompliance (see Appendix B, Subsection 12.B of the MSGP) – The Facility will notify EPA of significant planned changes in the permitted facility or activity which the Facility anticipates will result in noncompliance with permit requirements;
- Transfer of ownership and/or operation – The Facility will submit a complete and accurate NOI in accordance with the requirements of Appendix G of the MSGP and by the deadlines specified in Table 1-2 of the MSGP;
- Compliance schedules (see Appendix B, Subsection 12.F of the MSGP) - Reports of compliance or noncompliance with, or progress reports on, interim and final requirements contained in a compliance schedule of the MSGP will be submitted no later than 14 days following each schedule date;
- Other noncompliance (see Appendix B, Subsection 12.G of the MSGP) – The Facility will report all instances of noncompliance not reported in the monitoring report, compliance schedule report, or 24-hour report at the time monitoring reports are submitted; and
- Other information (see Appendix B, Subsection 12.H of the MSGP) – The Facility will submit facts or information if the Facility becomes aware that it failed to submit relevant facts in the NOI, or that the Facility submitted incorrect information in the NOI or in any report.

8.2 Record Keeping

The Facility will retain copies of the SWPPP (including any modifications made during the term of this permit), additional documentation specified in Part 5.4 of the MSGP, documentation related to corrective actions taken, all reports and certifications required by the MSGP, monitoring data, and records of all data used to complete the NOI to be covered by the MSGP, for a period of at least 3 years from the date that coverage under the MSGP expires or is terminated.

8.3 SWPPP Modifications

The Pollution Prevention Team will amend the SWPPP if there is a significant change in design, construction, operation, or maintenance, that may significantly affect the potential for pollutants to be discharged, or if the SWPPP proves to be ineffective in controlling the discharge of pollutants. Facilities are not required to submit a notice to EPA each time the SWPPP is modified unless EPA specifically requests that changes be made to the plan. A record of amendments to the SWPPP are presented in the SWPPP Amendment Log in Appendix J.

8.4 Corrective Actions

8.4.1 Conditions Requiring Review and Revision to Eliminate Problem

If any of the following conditions occur, the Facility will review and revise the selection, design, installation, and implementation of the control measures to minimize the possibility that the condition is eliminated and will not be repeated in the future:

- An unauthorized release or discharge (e.g., spill, leak, or discharge of non-stormwater not authorized by this MSGP or another NPDES permit) occurs at the facility;

-
- A discharge violates a numeric effluent limit;
 - The Facility becomes aware, or EPA determines, that the control measures are not stringent enough for the discharge to meet applicable water quality standards;
 - An inspection or evaluation of the Facility by an EPA, local, or State official, determines that modifications to the control measures are necessary to meet the non-numeric effluent limits in this MSGP; or find during routine facility inspection, quarterly visual assessment, or site inspection that the control measures are not being properly operated and maintained.

8.4.2 Conditions Requiring Review to Determine if Modifications are Appropriate

If any of the following conditions occur, the Facility will review the selection, design, installation, and implementation of the control measures to determine if modifications are appropriate to meet the effluent limits in this permit:

- Construction or a change in design, operation, or maintenance at the facility significantly changes the nature of pollutants discharged in stormwater from the facility, or significantly increases the quantity of pollutants discharged; or
- The average of 4 quarterly sampling results exceeds an applicable benchmark. If less than 4 benchmark samples have been taken, but the results are such that an exceedance of the 4 quarter average is mathematically certain (i.e., if the sum of quarterly sample results to date is more than 4 times the benchmark level) this is considered a benchmark exceedance, triggering this review.

8.4.3 Corrective Action Deadlines

The Facility will document the discovery of the conditions listed in Section 8.4.1 and 8.4.2 of the SWPPP within 24 hours of making such discovery. Subsequently, within 14 days of such discovery, the Facility will document corrective action(s) taken to eliminate or further investigate the deficiency, or if no corrective action is appropriate, the basis for that determination. Specific documentation required within 24 hours and 14 days is detailed in Section 8.4.4 below. If it is determined that changes are appropriate following the review, modifications to the control measures will be made before the next storm event if possible, or as soon as practicable following that storm event.

8.4.4 Corrective Action Report

Within 24 hours of discovery of any condition listed in Sections 8.4.1 and 8.4.2 of the SWPPP, the Facility will document the following information:

- Identification of the condition triggering the need for corrective action review;
- Description of the problem identified; and
- Date the problem was identified.

Within 14 days of discovery of a condition listed in Sections 8.4.1 and 8.4.2 of the SWPPP, the Facility will document the following information:

- Summary of corrective action taken or to be taken (or, for triggering events identified in Part 3.2 where it has been determined that corrective action is not appropriate, the basis for this determination);
- Notice of whether SWPPP modifications are appropriate as a result of this discovery or corrective action;
- Date corrective action initiated; and
- Date corrective action completed or expected to be completed.

The Facility will submit this documentation in an annual report as described in Part 7.2 of the MSGP and specified in Section 8.1.2 of the SWPPP and retain a copy onsite with the SWPPP in accordance with Part 5.4 of the MSGP and Section 8.2 of the SWPPP.

9.0 SIGNATORY REQUIREMENTS

9.1 Notice of Intent

All NOIs submitted to the EPA for coverage under the MSGP will be signed by a responsible corporate officer. For the purpose of this subsection, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

9.2 SWPPP

The SWPPP, including changes to the SWPPP to document any corrective actions taken, and all reports submitted to EPA, will be signed by a person described in Section 9.1 above or by a duly authorized representative of that person. A person is a duly authorized representative only if:

- The authorization is made in writing by a person described in Section 9.1;
- The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position); and
- The signed and dated written authorization is included in the SWPPP. A copy will be submitted to EPA, if requested.

9.3 Changes to SWPPP and Compliance Documents

Other changes to the SWPPP, and other compliance documentation required under Part 5.4 of the MSGP, will be signed and dated by the person preparing the change or documentation.

9.4 Changes to authorization

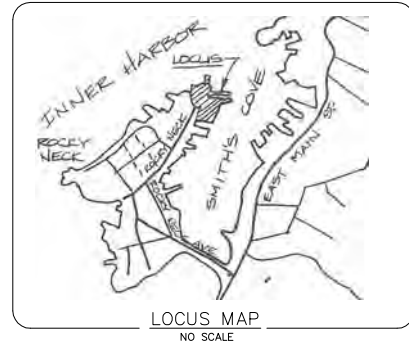
If an authorization under Section 9.2 is no longer accurate because the industrial facility has been purchased by a different entity, a new NOI satisfying the requirements of Subsection 11.B will be submitted to EPA. However, if the only change that is occurring is a change in contact information or a change in the facility's address, the operator need only make a modification to the existing NOI submitted for authorization.

9.5 Certification

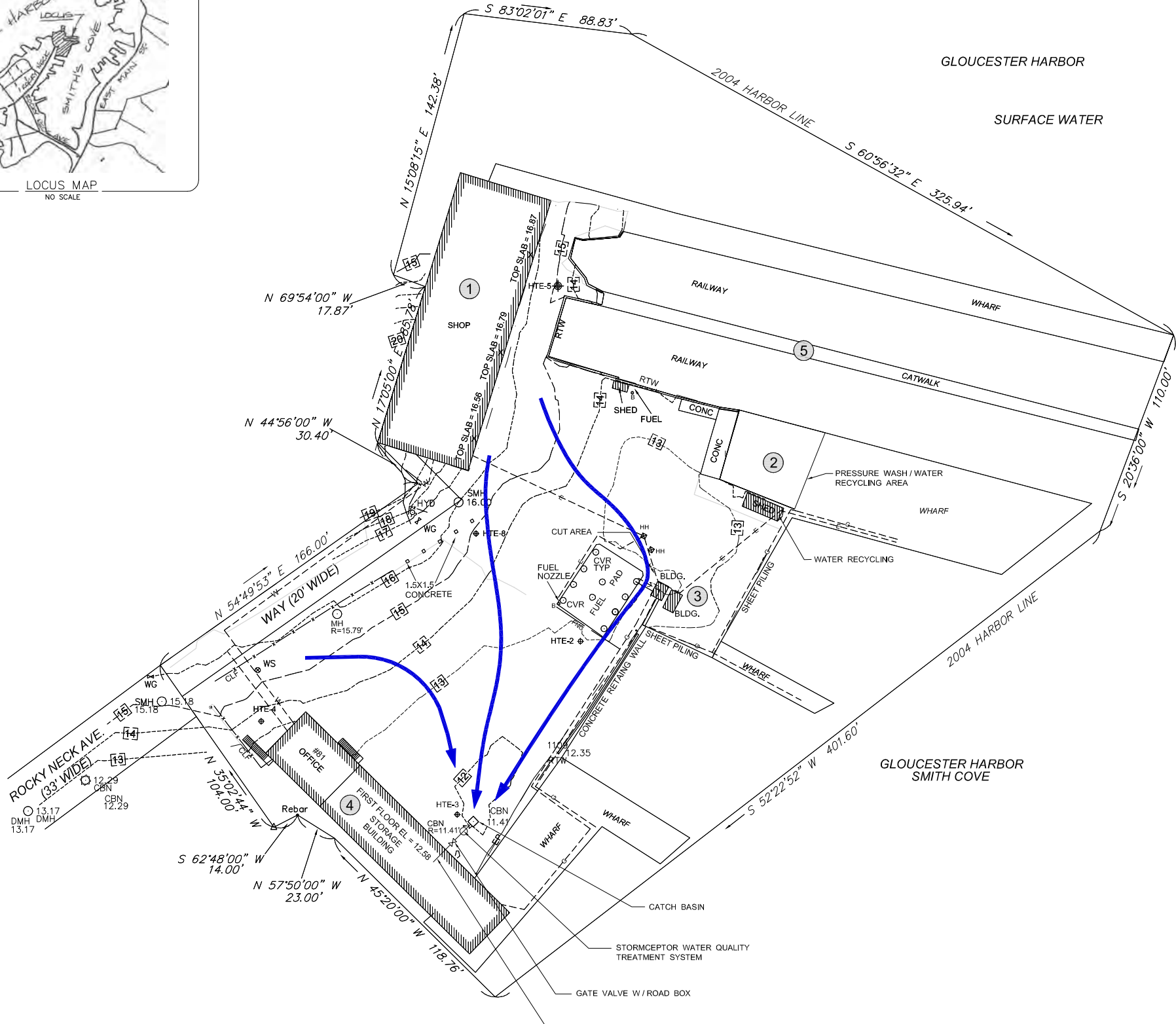
Any person signing a document under Section 9.1 or 9.2 will make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Figures



LOCUS MAP
NO SCALE



KEY:

- ① MAINTENANCE BUILDING (NO FLOOR DRAINS). FIRST FLOOR TO LEFT IS THE WELDING SHOP. AIR COMPRESSOR. TWO FORK LIFTS WITH PROpane TANKS. SECOND FLOOR BATHROOM AND OFFICES. FIRST FLOOR TO RIGHT IS THE WOOD WORKING SHOP - DUST AND WOOD PLACED IN DUMPSTER. IN CORNER ARE TWO LARGE WASTE OIL CONTAINERS.

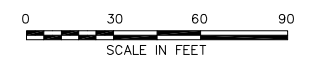
35 TANKS OF PROPANE , ACETYLENE AND OXYGEN 3:1 OXYGEN TO ACETYLENE NEW OIL BARRELS 10-5 GALLON BUCKETS, THIS MATERIAL IS USED TO GREASE THE RAIL HYDRAULICS.

IN THE MIDDLE ON THE FIRST FLOOR IS THE MOTOR FOR THE RAILS (VERY OLD) BETWEEN THE WELDING AND WOOD WORKING SHOP IS A TOOL ROOM.

UPSTAIRS IS SURPLUS BUILDING MATERIALS (E.G., OLD SPIKES USED FOR WOODEN VESSELS) FURNACE UPSTAIRS.

BACK OF MAINTENANCE BUILDING NO DIRECT DISCHARGE IT IS RECENTLY PAVED. THERE ARE SOME VEHICLES PARKED IN THE AREA AT TIMES FROM THE CONDOS NEXT DOOR.
- ② AREA WHERE THEY WASH BOAT HULLS. THEY HAVE A RUBBER MAT AND THIS IN TURN WASHES INTO A CATCH BASIN WHERE IT GOES INTO RECYCLE BARRELS (2,295 GALLON DRUMS), THE RESIDUE IS OIL-BASED PAINT. WHEN IT IS FILTERED FROM THE TANKS THE PAINT IS REMOVED AND PLACED IN THE DUMPSTER BECAUSE IT BECOMES DRY.
- ③ THE FUEL PUMP IS NEAR THE END OF A DOCK THEY ARE IN THE PROCESS OF MOVING BACK.THERE IS A BOOM THAT THEY CAN USE IF THERE IS ANY LEAKAGE DURING FUELING.

ELECTRICAL SUBSTATION PUMP STATION FOR THE DOCKS. THERE ARE 4-10,000 GALLON TANKS UNDER A CONCRETE PAD - ONE IS GAS THE OTHER 3 DIESEL.
- ④ OFFICE BUILDING.
ATTIC STORES OFFICE PAPERWORK,
UPPER FLOOR - BATHROOM, BATHROOM CLEANING PRODUCTS, OPEN OFFICE FILE CABINETS, SEPARATE OFFICE AND ART STUDIO.
LOWER FLOOR - RENTED TO 7 TENANTS - FIRST BAY CONTAINS THE ELECTRICAL BOXES AND THE MAIN FURNACE. ALSO STORES JACK STANDS.
- ⑤ MARINE RAILWAYS.



REV	DESCRIPTION	DATE

DESIGNED BY: R. CLAYTON
 DRAWN BY: F. MENCHELLI
 CHECKED BY: S. CAMPRELL
 APPROVED BY: S. CAMPRELL
 DATE: JUNE 27, 2013

TETRA TECH EC. INC.
 160 FEDERAL STREET, 3RD FLOOR
 BOSTON, MASSACHUSETTS 02110
 TEL: 617-443-7500

GLoucester MARINE RAILWAYS CORPORATION
 81 ROCKY NECK AVENUE
 GLOUCESTER, MA 01930

PE : P. E. SEAL
 PROFESSIONAL ENGINEER LIC. NO.
 CONTRACT NO.: 4408.01.01
 SPEC. NO.
 SCALE : AS SHOWN
 CAD FILE: GMR4408.0101-SITELAYOUT-REV A.DWG
 SHEET - OF -
 SIZE:
FIGURE 1

P:\GLOUCESTER MARINE RAILWAYS\CAD\GMR4408.0101-SITELAYOUT-REV A.DWG PLOT/UPDATE: Jun 27 2013 06:19:15

Appendices

Appendix A

**Notice of Intent and NPDES Multi-Sector General Permit for Stormwater Discharges Associated
with Industrial Activity**

Notice of Intent (NOI) Form

Part 7.1 requires you to use the NPDES eReporting Tool, or “NeT”, to prepare and submit your NOI. However, if you are given a waiver by the EPA Regional Office to use a paper NOI form, and you elect to use it, you must complete and submit the following form.



Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in Section C of this form requests authorization to discharge pursuant to the NPDES Stormwater Multi-Sector General Permit (MSGP) permit number identified in Section B of this form. Submission of this NOI also constitutes notice that the operator identified in Section C of this form meets the eligibility conditions of Part 1.1 of the MSGP for the facility identified in Section D of this form. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage. Refer to the instructions at the end of this form to complete your NOI.

A. Approval to Use Paper NOI Form

1. Have you been granted a waiver from electronic reporting from the EPA Regional Office*? YES NO

If yes, check which waiver you have been granted, the name of the EPA Regional Office staff person who granted the waiver, and the date of approval:

- Waiver granted: The owner/operator's headquarters is physically located in a geographic area (i.e., ZIP code or census tract) that is identified as under-served for broadband Internet access in the most recent report from the Federal Communications Commission.
- The owner/operator has issues regarding available computer access or computer capability.

Name of EPA staff person that granted the waiver:

Date approval obtained:

* Note: You are required to obtain approval from the applicable EPA Regional Office prior to using this paper NOI form. If you have not obtained a waiver, you must file this form electronically using the NPDES eReporting Tool (Net) at <http://water.epa.gov/polwaste/npdes/stormwater/Stormwater-eNOI-System-for-EPAs-MultiSector-General-Permit.cfm>

B. Permit Information

NPDES ID (EPA Use Only):

1. Master Permit Number: (see Appendix C of the MSGP for the list of eligible master permit numbers)

2. Are you a new discharger or a new source as defined in Appendix A? YES NO (If yes, skip to Part C of this form).

3. If you are not a new discharger or a new source, have stormwater discharges from your facility been covered previously under an NPDES permit?
 YES NO

If yes, provide the NPDES ID if you had coverage under EPA's 2008 MSGP or the NPDES ID if you had coverage under an EPA individual permit:

C. Facility Operator Information

1. Operator Information:

Operator Name:

Mailing Address:

Street:

City: State: ZIP Code: -

County or Similar Government Subdivision:

Phone: - - Ext.

E-mail:

2. Operator Point of Contact Information:

First Name, Middle Initial, Last Name:

Title:

3. NOI Preparer Information (Complete if NOI was prepared by someone other than the certifier):

First Name, Middle Initial, Last Name:

Organization:

Phone: - - Ext.

E-mail:

D. Facility Information

1. Facility Name:

2. Facility Address:

Street/Location:

City: State: ZIP Code: -

County or Similar Government Subdivision:

3. Latitude/Longitude for the facility:
 Latitude: ____ . ____ ____ ° N (decimal degrees) Longitude: ____ . ____ ____ ° W (decimal degrees)

Latitude/Longitude Data Source: Map GPS Other

If you used a USGS topographic map, what was the scale? _____

Horizontal Reference Datum: NAD 27 NAD 83 WGS 84

4. Is your facility located on Indian Country lands? YES NO
 If yes, provide the name of the Indian tribe associated with the area of Indian country (including name of Indian reservation, if applicable): _____

5. Are you requesting coverage under this NOI as a "federal operator" as defined in Appendix A? YES NO

6. What is the ownership type of the facility? Federal Facility (U.S. Government) Privately Owned Facility Municipality County Government
 Corporation State Government Tribal Government School District
 District Mixed Ownership (e.g. Public/Private) Municipal or Water District

7. Estimated area of industrial activity at your facility exposed to stormwater: _____ (to the nearest quarter acre)

8. Sector-Specific Information

Identify the 4-digit Standard Industrial Classification (SIC) code or 2-letter Activity Code that best represents the products produced or services rendered for which your facility is primarily engaged, as defined in the MSGP, and the applicable sector and subsector of your primary industrial activity (See Appendix D):

Primary SIC Code: OR Primary Activity Code:

Sector: Subsector:

Identify the applicable sector(s) and subsector(s) of any co-located industrial activity for which you are requesting permit coverage:

Sector: Subsector: Sector: Subsector: Sector: Subsector:

Sector: Subsector: Sector: Subsector: Sector: Subsector:

If you are a Sector S (Air Transportation) facility, do you anticipate using more than 100,000 gallons of pure glycol in glycol-based deicing fluids and/or 100 tons or more of urea on an average annual basis? YES NO

If you are a Sector G (Metal Mining) facility, do you have discharges from waste rock and overburden piles? YES NO

Check the type of ore you mine at your facility: Tungsten Ore Nickel Ore Aluminum Ore
 Mercury Ore Iron Ore Platinum Ore Titanium Ore Vanadium Ore Molybdenum Uranium, Radium, and/or Vanadium Ore

9. Is your facility presently inactive and unstaffed?* YES NO
 * Note that if your facility becomes inactive and unstaffed during the permit term, you must submit an NOI modification to reflect the change.

E. Discharge Information

1. By indicating "Yes" below, I confirm that I understand that the MSGP only authorizes the allowable stormwater discharges in Part 1.1.2 and the allowable non-stormwater discharges listed in Part 1.1.3. Any discharges not expressly authorized in this permit cannot become authorized or shielded from liability under CWA section 402(k) by disclosure to EPA, state, or local authorities after issuance of this permit via any means, including the Notice of Intent (NOI) to be covered by the permit, the Stormwater Pollution Prevention Plan (SWPPP), during an inspection, etc. If any discharges requiring NPDES permit coverage other than the allowable stormwater and non-stormwater discharges listed in Parts 1.1.2 and 1.1.3 will be discharged, they must be covered under another NPDES permit. YES

2. Federal Effluent Limitation Guidelines
 Are you requesting permit coverage for any stormwater discharges subject to effluent limitation guidelines? YES NO

If yes, which effluent limitation guidelines apply to your stormwater discharges?

40 CFR Part/Subpart	Eligible Discharges	Affected MSGP Sector	New Source Date	Check if Applicable
Part 411, Subpart C	Runoff from material storage piles at cement manufacturing facilities	E	2/20/1974	<input type="checkbox"/>
Part 418 Subpart A	Runoff from phosphate fertilizer manufacturing facilities that comes into contact with any raw materials, finished product, by-products or waste products (SIC 2874)	C	4/8/1974	<input type="checkbox"/>
Part 423	Coal pile runoff at steam electric generating facilities	O	11/19/1982 10/8/1974 ¹	<input type="checkbox"/>
Part 429, Subpart I	Discharges resulting from spray down or intentional wetting of logs at wet deck storage areas	A	1/26/1981	<input type="checkbox"/>
Part 436, Subpart B, C, or D	Mine dewatering discharges at crushed stone mines, construction sand and gravel mines, or industrial sand mines	J	N/A	<input type="checkbox"/>
Part 443, Subpart A	Runoff from asphalt emulsion facilities	D	7/28/1975	<input type="checkbox"/>
Part 445, Subparts A & B	Runoff from hazardous waste and non-hazardous waste landfills	K, L	2/2/2000	<input type="checkbox"/>
Part 449	Runoff containing urea from airfield pavement deicing at existing and new primary airports with 1,000 or more annual non-propeller aircraft departures	S	6/15/2012	<input type="checkbox"/>

¹NSPS promulgated in 1974 were not removed via the 1982 regulation; therefore wastewaters generated by Part 423-applicable sources that were New Sources under the 1974 regulations are subject to the 1974 NSPS.

3. Receiving Waters Information: (Attach a separate list if necessary)

List all of the stormwater outfalls from your facility. Each outfall must be identified by a unique 3-digit ID (e.g., 001, 002). Also provide the latitude and longitude in degrees decimal for each outfall.		For each outfall, provide the following receiving water information:		
		Provide the name of the first water of the U.S. that receives stormwater directly from the outfall and/or from the MS4 that the outfall discharges to:	If the receiving water is impaired (on the CWA 303(d) list), list the pollutants that are causing the impairment:	If a TMDL been completed for this receiving waterbody, providing the following information:
Outfall ID				TMDL Name and ID:
Latitude				Pollutant(s) for which there is a TMDL:
Longitude				
Outfall ID				TMDL Name and ID:
Latitude				Pollutant(s) for which there is a TMDL:
Longitude				
If substantially identical to other outfall, list identical outfall ID: _____				

Outfall ID				TMDL Name and ID:
Latitude				Pollutant(s) for which there is a TMDL:
Longitude				

If substantially identical to other outfall, list identical outfall ID: _____

Outfall ID				TMDL Name and ID:
Latitude				Pollutant(s) for which there is a TMDL:
Longitude				

If substantially identical to other outfall, list identical outfall ID: _____

Outfall ID				TMDL Name and ID:
Latitude				Pollutant(s) for which there is a TMDL:
Longitude				

If substantially identical to other outfall, list identical outfall ID: _____

Outfall ID				TMDL Name and ID:
Latitude				Pollutant(s) for which there is a TMDL:
Longitude				

If substantially identical to other outfall, list identical outfall ID: _____

4. Provide the following Information about your outfall latitude longitude:

Latitude/Longitude Data Source: Map GPS Other

If you used a USGS topographic map, what was the scale? _____

Horizontal Reference Datum: NAD 27 NAD 83 WGS 84

5. Does your facility discharge into a Municipal Separate Storm Sewer System (MS4)? YES NO

If yes, provide the name of the MS4 operator: _____

6. Check if you discharge to any of the waters of the U.S. that are designated by the state or tribal authority under its antidegradation policy as a Tier 2 (or Tier 2.5) water (water quality exceeds levels necessary to support propagation of fish, shellfish, and wildlife and recreation in and on the water) or as a Tier 3 water (Outstanding National Resource Water)? (See Appendix L).

Tier 2/2.5. Provide the name(s) of receiving water(s): _____

Tier 3 (Outstanding National Resource Waters)*

* **Note: You are ineligible for coverage if you are a new discharger or new source to waters designated as Tier 3 (outstanding national resource waters) for antidegradation purposes under 40 CFR 131.13(a)(3).**

7. If you are subject to benchmark monitoring requirements for a hardness-dependent metal, what is the hardness of your receiving water(s) (see Appendix J)? _____ (mg/L)

8. If you are subject to benchmark monitoring requirements for a hardness-dependent metal, does your facility discharge into any saltwater receiving waters? YES NO

9. Does your facility discharge to a federal CERCLA site listed in Appendix P? YES NO

If yes, did you notify the EPA Regional Office in advance of filing your NOI, and did the EPA Regional Office determine that you are eligible for permit coverage pursuant to Part 1.1.4.10*? YES NO

* **Note: If you discharge to a federal CERCLA site listed in Appendix P, you are ineligible for coverage under this permit unless you notify the EPA Regional Office in advance and the EPA Regional Office determines you are eligible coverage under this permit. In determining your eligibility for coverage under this Part, the EPA Regional Office may evaluate whether you have included adequate controls and/or procedures to ensure that your discharges will not lead to recontamination of aquatic media at the CERCLA Site such that it will to cause or contribute to an exceedance of a water quality standard.**

F. Stormwater Pollution Prevention Plan (SWPPP) Information

1. Has the SWPPP been prepared in advance of filing this NOI, as required? YES NO

2. SWPPP Contact Information:

First Name, Middle Initial, Last Name: [grid]

Professional Title: [grid]

Phone: [grid] - [grid] - [grid] Ext. [grid]

E-mail: [grid]

3. SWPPP Availability:

Your current SWPPP or certain information from your SWPPP must be made available through one of the following two options. Select one of the options and provide the required information*:

* **Note: You are not required to post any confidential business information (CBI) or restricted information (as defined in Appendix A) (such information may be redacted), but you must clearly identify those portions of the SWPPP that are being withheld from public access.**

Option 1: Maintain a current copy of your SWPPP on an Internet page (Universal Resource Locator or URL).

Provide the web address URL: _____

Option 2: Provide the following information from your SWPPP:

A. Describe your onsite industrial activities exposed to stormwater (e.g., material storage; equipment fueling, maintenance, and cleaning; cutting steel beams), and potential spill and leak areas:

B. List the pollutant(s) or pollutant constituent(s) associated with each industrial activity exposed to stormwater that could be discharged in stormwater and any authorized non-stormwater discharges listed in Part 1.1.3:

C. Describe the control measures you will employ to comply with the non-numeric technology-based effluent limits required in Part 2.1.2 and Part 8, and any other measures taken to comply with the requirements in Part 2.2 Water Quality-Based Effluent Limitations (see Part 5.2.4):

D. Provide a schedule for good housekeeping and maintenance (see Part 5.2.5.1) and a schedule for all inspections required in Part 4 (see Part 5.2.5.2):

G. Endangered Species Protection

1. Using the instructions in Appendix E of the MSGP, under which endangered species criterion listed in Part 1.1.4.5 are you eligible for coverage under this permit (only check 1 box)?*

A B C D E

* **Note: After you submit your NOI and before your NOI is authorized, EPA may notify you if any additional controls are necessary to ensure your discharges have no likely adverse affects on listed species and critical habitat.**

2. Provide a brief summary of the basis for the criterion selected in Appendix E (e.g., communication with U.S. Fish and Wildlife Service or National Marine Fisheries Service to determine no species in action area; implementation of controls approved by EPA and the Services):

3. If you select criterion B, provide the NPDES ID from the other operator's NOI authorized under this permit:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

4. If you select criterion C, you must answer the following questions:

a. What federally-listed species or designated critical habitat are located in your "action area":

b. Using the Appendix E worksheet, check which of the following is applicable to your facility and answer any corresponding questions:

I submitted my completed *Criterion C Eligibility Form* to EPA at least 30 days prior to submitting this NOI and agree to implement any additional measures that were determined by EPA to be necessary to ensure that my discharges and/or discharge-related activities will not have likely adverse affects on listed species and critical habitat.

Date your *Criterion C Eligibility Form* was sent to EPA:

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 /

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 /

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Describe any EPA-approved measures you will implement to ensure no likely adverse affects on listed species and critical habitat:

I submitted my completed *Criterion C Eligibility Form* to EPA at least 30 days prior to submitting this NOI and have not been notified of any additional measures necessary to ensure no likely adverse affects on listed species and critical habitat.

Date your *Criterion C Eligibility Form* was sent to EPA:

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 /

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 /

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5. If you select criterion D or E, you must attach copies of any letters or other communications with the U.S. Fish and Wildlife Service or National Marine Fisheries Service.

H. Historic Preservation

1. If your facility is not located on Indian country lands, is your facility located on a property of religious or cultural significance to an Indian tribe?

YES NO

If yes, provide the name of the Indian tribe associated with the property: _____

2. Using the instructions in Appendix F of the MSGP, under which historic properties preservation criterion listed in Part 1.1.4.6 are you eligible for coverage under this permit (only check 1 box)?

A B C D

I. Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

First Name, Middle Initial, Last Name:

Title:

Signature: _____ Date: / /

E-mail:

**Notice of Intent (NOI) for Stormwater Discharges
Associated with Industrial Activity Under the NPDES Multi-Sector General Permit**

NPDES Form Date (06/15)

This Form Replaces Form 3510-6 (09/08)

Form Approved OMB No. 2040-0004

Who Must File an NOI Form

Under section 402(p) of the Clean Water Act (CWA) and regulations at 40 CFR Part 122, stormwater discharges associated with industrial activity are prohibited to waters of the United States unless authorized under a National Pollutant Discharge Elimination System (NPDES) permit. You can obtain coverage under the MSGP by submitting a completed Notice of Intent (NOI) if you are an operator a facility:

- that is located in a jurisdiction where EPA is the permitting authority, listed in Appendix C of the MSGP,
- that discharges stormwater associated with industrial activities, identified in Appendix D of the MSGP,
- that meets the eligibility requirements in Part 1.1 of the permit,
- that has developed a stormwater pollution prevention plan (SWPPP) in accordance with Part 5 of the MSGP; and
- that installs and implements control measures in accordance with Part 2 and Part 8 to meet numeric and non-numeric effluent limits.

Completing the Form

Obtain and read a copy of the 2015 MSGP, viewable at <http://water.epa.gov/polwaste/npdes/stormwater/EPA-Multi-Sector-General-Permit-MSGP.cfm>. To complete this form, type or print, using uppercase letters, in the appropriate areas only. Please place each character between the marks. Abbreviate if necessary to stay within the number of characters allowed for each item. Use only one space for breaks between words, but not for punctuation marks unless they are needed to clarify your response. **Please submit original document with signature in ink - do not send a photocopied signature.**

Section A. Approval to Use Paper NOI Form

You must indicate whether you have been granted a waiver from electronic reporting from the EPA Regional Office. Note that you are not authorized to use this paper NOI form unless the EPA Regional Office has approved its use. Where you have obtained approval to use this form, indicate the waiver that you have been granted, the name of the EPA staff person who granted the waiver, and the date that approval was provided.

See <http://water.epa.gov/polwaste/npdes/stormwater/Stormwater-Contacts.cfm> for a list of EPA Regional Office contacts.

Section B. Permit Information

Provide the master permit number of the permit under which you are applying for coverage (see Appendix C of the general permit for the list of eligible master permit numbers).

You must indicate whether you are a new discharger or a new source (see Appendix A for the definitions). If you are not a new discharger or a new source, you must indicate whether stormwater discharges from your facility have been previously covered under another NPDES permit. If yes, you must provide the unique NPDES ID (i.e., permit tracking number) for the previous permit your facility was covered under.

Section C. Facility Operator Information

Provide the legal name of the person, firm, public organization, or any other entity that operates the facility described in this NOI. An operator of a facility is the legal entity that controls the operation of the facility. Refer to Appendix A of the permit for the definition of "operator". Provide the operator's mailing address, phone number,

and e-mail. Correspondence for the NOI will be sent to this address. Also provide the name and title for the operator point of contact (note that the point of contact name may be the same as the operator name).

If the NOI was prepared by someone other than the certifier (for example, if the NOI was prepared by the facility SWPPP contact or a consultant for the certifier's signature), include the full name, organization, phone number, and email address of the NOI preparer.

Section D. Facility Information

Enter the official or legal name and complete address, including city, state, ZIP code, and county or similar government subdivision of the facility. If the facility lacks a street address, indicate the general location of the facility (e.g., Intersection of State Highways 61 and 34). Complete facility information must be provided for permit coverage to be granted.

Provide the latitude and longitude of your facility in decimal degrees format. The latitude and longitude of your facility can be determined in several different ways, including through the use of global positioning system (GPS) receivers, U.S. Geological Survey (U.S.G.S.) topographic or quadrangle maps. Refer to <http://transition.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html/> for assistance in providing the proper latitude/longitude format. For consistency, EPA requests that measurements be taken from the approximate center of the facility. Specify which method you used to determine latitude and longitude. If a U.S.G.S. topographic map is used, specify the scale of the map used. Enter the horizontal reference datum for your latitude and longitude. The horizontal reference datum used on USGS topographic maps is shown on the bottom left corner of USGS topographic maps; it is also available for GPS receivers.

Indicate whether the facility is on Indian country lands, and if so, provide the name of the Indian tribe associated with the area of Indian country (including name of Indian reservation, if applicable).

Indicate whether you are seeking coverage under this permit as a "federal operator" as defined in Appendix A. Also check the ownership type for the facility (e.g., Federal Facility, Privately Owned Facility, Municipality, County Government, Corporation, State Government, Tribal Government, School District, District, Mixed Ownership [e.g., public/private], Municipal or Water District).

Enter the estimated area of industrial activity at your facility exposed to stormwater to the nearest quarter acre.

List the four-digit Standard Industrial Classification (SIC) code or two character activity code that best describes the primary industrial activities performed by your facility under which you are required to obtain permit coverage. Your primary industrial activity includes any activities performed on-site which are (1) identified by the facility's primary SIC code and included in the descriptions of 40 CFR 122.26(b)(14)(ii), (iii), (vi), or (viii); or (2) included in the narrative descriptions of 40 CFR 122.26(b)(14)(i), (iv), (v), (vii), or (ix). See Appendix D of the MSGP for a complete list of SIC codes and activities codes covered under the MSGP. Also provide the applicable sector and subsector associated with the SIC code or activity code for your primary industrial activities. For a complete list of sector and subsector codes, see Appendix D of the MSGP.

If your facility has co-located industrial activities that are not identified as your primary industrial activity, identify the sector and subsector codes that describe these other industrial activities.

**Notice of Intent (NOI) for Stormwater Discharges
Associated with Industrial Activity Under the NPDES Multi-Sector General Permit**

NPDES Form Date (06/15)

This Form Replaces From 3510-6 (09/08)

Form Approved OMB No. 2040-0004

For Sector S facilities (Air Transportation), indicate whether you anticipate that the entire airport facility will use more than 100,000 gallons of pure glycol in glycol-based deicing fluids and/or 100 tons or more of urea on an average annual basis. If so, additional effluent limits and monitoring conditions apply to your discharge (see Part 8.5 of the permit).

For Sector G facilities (Metal Mining), check the type of ore(s) mined at the facility.

Indicate whether your facility is currently inactive and unstaffed. Note that if your facility becomes inactive and unstaffed during the permit term, you must submit an NOI modification to reflect the change.

Section E. Discharge Information

You must confirm that you understand that the MSGP only authorizes the allowable stormwater discharges listed in Part 1.1.2 and the allowable non-stormwater discharges listed in Part 1.1.3. Any discharges not expressly authorized under the MSGP are not covered by the MSGP or the permit shield provision of the CWA Section 402(k) and they cannot become authorized or shielded by disclosure to EPA, state, or local authorities via the NOI to be covered by the permit or by any other means (e.g., in the SWPPP or during an inspection). If any discharges requiring NPDES permit coverage other than the allowable stormwater and non-stormwater discharges listed in Parts 1.1.2 and 1.1.3 will be discharged, they must either be eliminated or covered under another NPDES permit.

Depending on your industrial activities, your facility may be subject to federal effluent limitation guidelines which include additional effluent limits and monitoring requirements for your facility. Please review these requirements, described in Part 2.1.3 of the MSGP, and check any appropriate boxes on the NOI form.

You must identify all the outfalls from your facility that discharge stormwater. Each outfall must be assigned a unique 3-digit ID (e.g., 001, 002, 003). You must also provide the latitude and longitude for each outfall from your facility. Indicate whether any outfalls are substantially identical to an outfall already listed, and identify the outfall it is identical to. For each unique outfall you list, you must specify the name of the first water of the U.S. that receives stormwater directly from the outfall and/or from the MS4 that the outfall discharges to. You must specify whether any receiving waters that you discharge to are listed as "impaired" as defined in Appendix A, and the pollutants for which the water is impaired. You must also check identify any Total Maximum Daily Loads (TMDL) that have been completed for any of the waters of the U.S. that you discharge to. You must also provide information about the outfall latitude/longitude, including data source, the scale (if applicable), and the horizontal reference datum. See the instructions in Section D for more information about determining the latitude and longitude.

Identify whether your facility discharges into a Municipal Separate Storm Sewer System (MS4). If yes, provide the name of the MS4 operator. If you are uncertain of the MS4 operator, contact your local government for that information.

Indicate whether discharges from the facility will enter into a water of the U.S that is designated as a Tier 2, Tier 2.5, or Tier 3 water. A list of Tier 2, 2.5, and 3 waters is provided as Appendix L. If the answer is "yes", name all waters designated as Tier 2, Tier 2.5, or Tier 3 to which the facility will discharge. Note that you are ineligible for coverage if you are a new discharger or a new source to waters designated as Tier 3 (outstanding national resource waters) for antidegradation purposes under 40 CFR 131.13(a)(3).

If you are subject to any benchmark monitoring requirements for metals (see the requirements applicable to your Sector(s) in Part 8 of the permit), indicate the hardness for your receiving water(s). See Appendix J of the permit for information about determining waterbody hardness.

If you are subject to benchmark monitoring requirements for hardness-dependent metals you must also answer whether your facility discharges into any saltwater receiving waters.

Indicate whether your facility will discharge to a federal CERCLA site listed in Appendix P. Note that if your facility will discharge into a federal CERCLA site listed in Appendix P, you are not eligible for coverage under this permit unless you notify the EPA Regional Office in advance and the EPA Regional Office authorizes coverage under this permit after you have included adequate controls and/or procedures designed to ensure that discharges will not lead to recontamination of aquatic media at the CERCLA site such that your discharge will cause or contribute to an exceedance of a water quality standard.

Section F. Stormwater Pollution Prevention Plan (SWPPP) Information

All facilities eligible for coverage under this permit are required to prepare a SWPPP in advance of filing the NOI, in accordance with Part 5. Indicate whether the SWPPP has been prepared in advance of filing the NOI.

Indicate the contact information (name, phone, and email) for the person who developed the SWPPP for this facility.

You identify how your SWPPP information will be made available, consistent with Part 5.4 and 7.3 of the permit. If you are making your SWPPP publicly available on a web site, check Option 1 and provide the appropriate Internet URL address. If you are not providing a URL, check Option 2 and provide the selected SWPPP information on this NOI form. You may copy and paste this information directly from your SWPPP.

Section G. Endangered Species Protection

Using the instructions in Appendix E, indicate the Part 1.1.4.5 criterion (i.e., A, B, C, D, or E) you are eligible under with regard to the protection of federally listed endangered and threatened species and designated critical habitat. A description of the basis for the criterion selected must also be provided.

If criterion B is selected, provide the NPDES ID (i.e., permit tracking number) for the other operator who has certified their eligibility under this permit. The NPDES ID was assigned when the operator received coverage under this permit.

If criterion C is selected, you must specify the federally-listed species or designated critical habitat that are located in the "action area" of the facility. You must also indicate under which scenario you determined you were eligible to submit your NOI under criterion C using Appendix E, and answer any corresponding questions.

If criterion D or E is selected, attach copies of any communications between you and the U.S. Fish and Wildlife Service and National Marine Fisheries Service to this NOI.

Section H. Historic Preservation

If the project is not located in Indian country lands, indicate whether the project is located on a property of religious or cultural significance to an Indian tribe, and if so, provide the name of the Indian tribe associated with the property. Use the instructions in Appendix F to complete the questions on the NOI form regarding historic preservation.

**Notice of Intent (NOI) for Stormwater Discharges
Associated with Industrial Activity Under the NPDES Multi-Sector General Permit**

NPDES Form Date (06/15) This Form Replaces From 3510-6 (09/08) Form Approved OMB No. 2040-0004

(i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

For a partnership or sole proprietorship: By a general partner or the proprietor, respectively; or

For a municipality, state, federal, or other public agency: By either a principal executive officer or ranking elected official. For purposes of this Part, a principal executive officer of a federal agency includes (i) the chief executive officer of the agency, or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrator of EPA). Include the name and title of the person signing the form and the date of signing.

An unsigned or undated NOI form will not be considered eligible for permit coverage.

Modifying Your NOI

If you have been granted a waiver from your Regional Office from electronic reporting, and if after submitting your NOI you need to correct or update any fields on this NOI form, you may do so by indicating changes on this same form.

Paperwork Reduction Act Notice

Public reporting burden for this NOI is estimated to average 3.7 hours, plus an additional 2 hours for certain respondents required to gather hardness data. This estimate includes time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number on any correspondence. Do not send the completed form to this address.

Submitting Your Form

If you have been granted a waiver from your Regional Office to submit a paper NOI form, you must send your NOI by mail to one of the following addresses:

For Regular U.S. Mail Delivery:

Stormwater Notice Processing Center
Mail Code 4203M, ATTN: 2015 MSGP Reports
U.S. EPA
1200 Pennsylvania Avenue, NW
Washington, DC 20460

For Overnight/Express Mail Delivery:

Stormwater Notice Processing Center
William Jefferson Clinton East Building - Room 7420
ATTN: 2015 MSGP Reports
U.S. EPA
1201 Constitution Avenue, NW
Washington, DC 20004

Visit this website for instructions on how to submit electronically:
<http://water.epa.gov/polwaste/npdes/stormwater/Stormwater-eNOI-System-for-EPAs-MultiSector-General-Permit.cfm>

Appendix B
Spill Documentation Form

SPILL DOCUMENTATION FORM

Gloucester Marine Railways Corporation
Gloucester, MA

Action	Description
Date of Incident:	
Location of Incident:	
Description of Incident:	
Circumstances Leading to Release:	
Response Action to Release:	
Preventative Measures Taken To Prevent Recurrence:	
Comments:	

Appendix C

Maintenance Inspection Forms

Control Measure Maintenance Records

Gloucester Marine Railways Corporation
Gloucester, MA

Control Measure:
Regular Maintenance Activities:
Regular Maintenance Schedule:
Date of Action:
Reason for Action: <input type="checkbox"/> Regular Maintenance <input type="checkbox"/> Discovery of Problem
If Problem Discovered:
- Description of Action:
- Date Control Measure Returned to Full Function:
- Justification for Extended Schedule, if applicable:
Notes:

Industrial Equipment and Systems Maintenance Records

Gloucester Marine Railways Corporation
Gloucester, MA

Industrial Equipment/Systems:
Regular Maintenance Activities:
Regular Maintenance Schedule:
Date of Action:
Reason for Action: <input type="checkbox"/> Regular Maintenance <input type="checkbox"/> Discovery of Problem
If Problem Discovered:
- Description of Action:
- Date Industrial Equipment Returned to Full Function:
- Justification for Extended Schedule, if applicable:
Notes:

Appendix D

Employee Training Documentation Form

Appendix E

Routine Facility Inspection Report Form

Stormwater Industrial Routine Facility Inspection Report

General Information			
Facility Name	Insert Name		
NPDES Tracking No.	Insert Tracking No.		
Date of Inspection	Insert Date	Start/End Time	Insert Start/End Time
Inspector's Name(s)	Insert Name		
Inspector's Title(s)	Insert Title		
Inspector's Contact Information	Insert Contact Info		
Inspector's Qualifications	Insert qualifications or add reference to the SWPPP		
Weather Information			
Weather at time of this inspection?			
<input type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snow <input type="checkbox"/> High Winds <input type="checkbox"/> Other: _____ Temperature: _____			
Have any previously unidentified discharges of pollutants occurred since the last inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: Describe			
Are there any discharges occurring at the time of inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: Describe			

Control Measures

- Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.
- Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
1	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
2	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions
3	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions
4	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions
5	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions
6	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any failed control measures that need replacement)
7	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions
8	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions
9	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions
10	Insert Control Measure Name	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Describe Corrective Actions

Areas of Industrial Materials or Activities exposed to stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility.

	Area/Activity	Inspected?	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
1	Material loading/unloading and storage areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
2	Equipment operations and maintenance areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
3	Fueling areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
4	Outdoor vehicle and equipment washing areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
5	Waste handling and disposal areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
6	Erodible areas/construction	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
7	Non-stormwater/ illicit connections	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
8	Salt storage piles or pile containing salt	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
9	Dust generation and vehicle tracking	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
10	(Other)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions

	Area/Activity	Inspected?	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed and Notes
11	(Other)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions
12	(Other)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Describe Corrective Actions

Non-Compliance

Describe any incidents of non-compliance observed and not described above:
[Describe Non-compliance](#)

Additional Control Measures

Describe any additional control measures needed to comply with the permit requirements:
[Describe Additional Controls Needed](#)

Notes

Use this space for any additional notes or observations from the inspection:

[Additional Notes](#)

CERTIFICATION STATEMENT

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

Print name and title: _____

Signature: _____ **Date:** _____

Appendix F

Quarterly Visual Assessment Form

FORM 2
STORMWATER QUARTERLY VISUAL MONITORING RESULTS
 Gloucester Marine Railway Corporation
 81 Rocky Neck Avenue
 Gloucester, MA

Quarter: _____

Date & Time of Observation: _____

Name of Inspector(s): _____

Signature of Inspector: _____

Rain Fall Duration (Hours): _____

Starting Time of Storm Event: _____

Ending Time of Storm Event: _____

Magnitude of Storm Event (Inches): _____

Approx. Date of Last Storm Event > 0.1 In.: _____

* Please follow the guidelines and criteria established in Section 10.0 of the SWPPP for storm water sampling and observations.

Observation/ Parameters	Outfall Locations					
	001		002		003	
	Present (Y/N)	Comments	Present (Y/N)	Comments	Present (Y/N)	Comments
Color						
Odor						
Clarity (N=Normal)						
Floating Solids						
Settled Solids						
Suspended Solids						
Foam						
Oil Sheen						
Other obvious indicators of stormwater pollution Describe:						

NOTE PROBABLE SOURCES OF OBSERVED STORMWATER POLLUTION IF ANY:

CERTIFICATION:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Plant Manager Signature: _____

Appendix G

Discharge Monitoring Report Forms, Monitoring Event Recording Form, and Analytical Data

MONITORING EVENT RECORDING FORM

Gloucester Marine Railways Corporation
 Gloucester, MA

Outfall Name:	
NPDES Tracking No.	
Person(s)/Title(s) Collecting Sample:	
Date of Rainfall Event:	
Starting Time Discharge Began:	
Ending Time of Rainfall Event:	
Rainfall Duration (Hours):	
Rainfall Total (Inches):	
Date of Last Measurable Storm Event:	
Date & Time Sample Collected:	
Sample Collected within First 30 Min. of Rainfall Event? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain):	

Monitoring Event Type:

<input type="checkbox"/> Quarterly Benchmark (Enter Quarter Period):
<input type="checkbox"/> Impaired Waters
<input type="checkbox"/> Other (Explain):

Discharge Monitoring Results:

Parameter	Concentration	Units
Aluminum		
Iron		
lead		
Copper		
Hardness		
Fecal Coliform		

Appendix H
Annual Report Form

Annual Report Form

Part 7.1 requires you to use the NPDES eReporting Tool, or “NeT”, to prepare and submit your Annual Report. However, if you are given a waiver by the EPA Regional Office to use a paper annual report form, and you elect to use it, you must complete and submit the following form.



A. Approval to Use Paper Annual Report Form

1. Have you been granted a waiver from electronic reporting from the EPA Regional Office*? YES NO

If yes, check which waiver you have been granted, the name of the EPA Regional Office staff person who granted the waiver, and the date of approval:

- Waiver granted: The owner/operator's headquarters is physically located in a geographic area (i.e., ZIP code or census tract) that is identified as under-served for broadband Internet access in the most recent report from the Federal Communications Commission.
- The owner/operator has issues regarding available computer access or computer capability.

Name of EPA staff person that granted the waiver: _____

Date approval obtained: ____/____/____

*** Note: You are required to obtain approval from the applicable EPA Regional Office prior to using this paper annual report form. If you have not obtained a waiver, you must file this form electronically using the NPDES eReporting Tool (NeT) at <http://water.epa.gov/polwaste/npdes/stormwater/Stormwater-eNOI-System-for-EPA's-MultiSector-General-Permit.cfm>**

B. Permit Information

1. NPDES ID: _____

C. Facility Information

1. Facility Name: _____

2. Facility Phone: _____ - _____ - _____ Ext. _____

3. Facility Mailing Address:

Street: _____

City: _____ State: _____ ZIP Code: _____ - _____

County or Similar Government Subdivision: _____

4. Point of Contact:

First Name, Middle Initial, Last Name: _____

D. General Findings

1. Provide a summary of your past year's routine facility inspection documentation (see Part 3.1.2 of the permit). In addition, if you are an operator of an airport facility (Sector S) that is subject to the airport effluent limitations guidelines, and are complying with the MSGP Part 8.S.8.1 effluent limitation through the use of non-urea-containing deicers, provide a statement certifying that you do not use pavement deicers containing urea (e.g., "Urea was not used at [name of airport] for pavement deicing in the past year and will also not be used in 2015." (Note: Operators of airport facilities that are complying with Part 8.S.8.1 by meeting the numeric effluent limitation for ammonia do not need to include this statement.)

2. Provide a summary of your past year's quarterly visual assessment documentation (see Part 3.2.2 of the permit).

3. For any four-sample (minimum) average benchmark monitoring exceedance, if after reviewing the selection, design, installation, and implementation of your control measures and considering whether any modifications are necessary to meet the effluent limits in the permit, you determine that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice, provide your rationale for why you believe no further reductions are achievable (see Part 6.2.1.2 of the permit). Enter "NA" if not applicable.

4. Provide a summary of your past year's corrective action documentation (See Part 4.4 of the permit). (Note: If corrective action is not yet completed at the time of submission of this annual report, you must describe the status of any outstanding corrective action(s).) Also describe any incidents of noncompliance in the past year or currently ongoing, or if none, provide a statement that you are in compliance with the permit.

E. Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

First Name, Middle Initial, Last Name:

Title:

Signature: _____ Date: / /

E-mail:

**Annual Report for Stormwater Discharges
Associated with Industrial Activity Under an NPDES General Permit**

Who Must File an Annual Report

Operators must submit an Annual Report to EPA electronically, per Part 7.5, by January 30th for each year of permit coverage containing information generated from the past calendar year.

Completing the Form

To complete this form, type or print, using uppercase letters, in the appropriate areas only. Please place each character between the marks. Abbreviate if necessary to stay within the number of characters allowed for each item. Use only one space for breaks between words, but not for punctuation marks unless they are needed to clarify your response. Please submit original document with signature in ink - do not send a photocopied signature.

Section A. Approval to Use Paper Annual Report Form

You must indicate whether you have been granted a waiver from electronic reporting from the EPA Regional Office. Note that you are not authorized to use this paper form unless the EPA Regional Office has approved its use. Where you have obtained approval to use this form, indicate the waiver that you have been granted, the name of the EPA staff person who granted the waiver, and the date that approval was provided. See <http://water.epa.gov/polwaste/npdes/stormwater/Stormwater-Contacts.cfm> for a list of EPA Regional Office contacts.

Section B. Permit Information

Provide the NPDES ID (i.e., NOI tracking number) assigned to your facility.

Section C. Facility Information

Enter the official or legal name, phone number, and complete street address, including city, state, ZIP code, and county or similar government subdivision, for the facility that is covered by the NPDES ID identified in Section B. If the facility lacks a street address, indicate the general location of the facility (e.g., Intersection of State Highways 61 and 34). Also provide a point of contact name for the facility.

Section D. General Findings

To complete this section you must provide the following information in your annual report:

1. A summary of your past year's routine facility inspection documentation required by Part 3.1.2 of the permit.
2. A summary of your past year's quarterly visual assessment documentation required by Part 3.2.2 of the permit.
3. If, after finding the average of your four monitoring values for any pollutant exceeds the benchmark, you decide no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice, your rationale for why you believe no further reductions are achievable.
4. Information copied or summarized from the corrective action documentation required per Part 4.4 (if applicable). If corrective action is not yet completed at the time of submission of this Annual Report, you must describe the status of any outstanding corrective action(s). You must also describe any incidents of noncompliance in the past year or currently ongoing, or if none, provide a statement that you are in compliance with the permit.

Section E. Certification Information

The Annual Report must be signed by a person described below, or by a duly authorized representative of that person.

For a corporation: By a responsible corporate officer. For the purpose of this Section, a responsible corporate officer means:

(i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

For a partnership or sole proprietorship: By a general partner or the proprietor, respectively; or

For a municipality, state, federal, or other public agency: By either a principal executive officer or ranking elected official. For purposes of this Part, a principal executive officer of a federal agency includes (i) the chief executive officer of the agency, or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrator of EPA). Include the name and title of the person signing the form and the date of signing.

A person is a duly authorized representative only if:

1. The authorization is made in writing by a person described above;
2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.) and
3. The written authorization is submitted to the Director.

An unsigned or undated Annual Report form be considered incomplete.

Paperwork Reduction Act Notice

Public reporting burden for this form is estimated to average 2.5 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number of this form on any correspondence. Do not send the completed Annual Report form to this address.

Instructions for Completing the Annual Report Form

**Annual Report for Stormwater Discharges
Associated with Industrial Activity Under an NPDES General Permit**

Submitting Your Form

If you have been granted a waiver from your Regional Office to submit a paper Annual Report form, you must send your Annual Report form by mail to one of the following addresses:

For Regular U.S. Mail Delivery:

Stormwater Notice Processing Center
Mail Code 4203M, ATTN: 2015 MSGP Reports
U.S. EPA
1200 Pennsylvania Avenue, NW
Washington, DC 20460

For Overnight/Express Mail Delivery:

Stormwater Notice Processing Center
William Jefferson Clinton East Building - Room 7420
ATTN: 2015 MSGP Reports
U.S. EPA
1201 Constitution Avenue, NW
Washington, DC 20004

Visit this website for instructions on how to submit electronically:
<http://water.epa.gov/polwaste/npdes/stormwater/Stormwater-eNOI-System-for-EPAs-MultiSector-General-Permit.cfm>

Appendix I

**Documentation to Support Eligibility Consideration for Endangered Species
And
Historic Properties**

Procedures Relating to Endangered Species Protection

E.1 Assessing the Effects of Your Discharges and Discharge-Related Activities

You must follow the procedures in this appendix to determine which of the eligibility criteria in Part 1.1.4.5 (i.e., criterion A - E), if any, you qualify under, by assessing the potential effects of applicable stormwater discharges, discharge-related activities, and allowable non-stormwater discharges on listed threatened and endangered species and their designated critical habitat. In accordance with Part 5.2.6.1 of this permit, you must keep any documentation that supports your eligibility determination, including the completed [Criterion Selection Worksheet](#) in Part E.4 of this appendix, with your Stormwater Pollution Prevention Plan (SWPPP). You must complete your eligibility determination prior to submitting your Notice of Intent (NOI) for coverage under the MSGP, and must provide all information as required on your NOI form that supports the Part 1.1.4.5 eligibility criterion you qualify under. **Note that if you have determined that you may be eligible under criterion C, you must submit a completed [Criterion C Eligibility Form](#) to EPA a minimum of 30 days prior to submitting your NOI for permit coverage.**

When evaluating the potential effects of your activities, you must consider effects to listed species or critical habitats within the "action area" of your industrial activity. Action area is defined in Appendix A of the MSGP as all areas to be affected directly or indirectly by the federal action and not merely the immediate area involved in the action. This includes areas beyond the footprint of the facility that are likely to be affected by stormwater discharges, discharge-related activities, and allowable non-stormwater discharges. For example, discharges of pollutants into downstream areas can increase the "action area" beyond the footprint of the facility.

E.2 Eligibility Criterion

As required by Part 1.1.4.5, you must meet one or more of the following five criteria (A - E) to be eligible for coverage under the permit:

- Criterion A.** No federally listed threatened or endangered species or their designated critical habitat(s) are likely to occur in the "action area" as defined in Appendix A. To certify your eligibility under this criterion, you must use the *Criterion Selection Worksheet* in Part E.4 of Appendix E. You must also provide a description of the basis for the criterion you selected on your NOI form and provide documentation supporting your eligibility determination in your SWPPP.
- Criterion B.** Your industrial activity's discharges and discharge-related activities were already addressed in another operator's valid certification of eligibility for your action area under this permit and there is no reason to believe that federally listed species or designated critical habitat not considered in the prior certification may be present or located in the "action area" (e.g., due to a new species listing or critical habitat designation). To certify your eligibility under this criterion, you must use the *Criterion Selection Worksheet* in Part E.4 of Appendix E. There must be no lapse of NPDES permit coverage in the other operator's certification. You must also comply with any additional measures that formed the basis of the other operator's valid certification of eligibility to ensure that your discharges and discharge-related activities are protective of listed species and/or critical habitat. You must include in your NOI the NPDES ID (i.e., permit tracking number) assigned to the other operator's authorization under this permit, and a description of the basis for the criterion selected on your NOI form, including the eligibility criterion selected by the

other operator's certification. You must also provide any documentation in your SWPPP that supports the other operator's eligibility determination, including any additional measures that formed the basis of the other operator's eligibility determination.

Criterion C. Federally listed threatened or endangered species or their designated critical habitat(s) are likely to occur in or near your facility's "action area," and your industrial activity's discharges and discharge-related activities are not likely to adversely affect listed threatened or endangered species or critical habitat. To certify your eligibility under this criterion, you must use the *Criterion Selection Worksheet* in Part E.4 of Appendix E, including completion of the *Criterion C Eligibility Form*, which you must submit to EPA at least 30 days prior to filing your NOI for permit coverage. After evaluation of your *Criterion C Eligibility Form*, EPA may require additional measures that you must implement to avoid or eliminate likely adverse effects on listed species and critical habitat from discharges and discharge-related activities. You may submit your NOI for permit coverage 30 days after submitting to EPA your completed *Criterion C Eligibility Form*. You must also provide a description of the basis for the criterion you selected on your NOI form and provide documentation supporting your eligibility determination in your SWPPP.

Criterion D. Consultation between a Federal Agency and the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service under section 7 of the Endangered Species Act (ESA) has been concluded. Consultations can be either formal or informal, and would have occurred only as a result of a separate federal action (e.g., during application for an individual wastewater discharge permit or the issuance of a wetlands dredge and fill permit), and consultation must have addressed the effects of the industrial activity's discharges and discharge-related activities on all federally listed threatened or endangered species and federally designated critical habitat. The result of this consultation must be one of the following:

- i. A biological opinion that concludes that the action in question (taking into account the effects of your facility's discharges and discharge-related activities) is not likely to jeopardize the continued existence of listed species, or result in the destruction or adverse modification of critical habitat;
- ii. A biological opinion that concludes that the action is likely to jeopardize listed species or to result in the destruction or adverse modification of critical habitat, and any recommended reasonable and prudent alternatives or reasonable and prudent measures are being implemented; or
- iii. Written concurrence from the applicable Service(s) with a finding that your facility's discharges and discharge-related activities are not likely to adversely affect listed species or critical habitat.

To certify your eligibility under this criterion, you must use the *Criterion Selection Worksheet* in Part E.4 of Appendix E. You must verify that the consultation does not warrant reinitiation under 50 CFR §402.16. If reinitiation of consultation is required, in order to be eligible under this criterion you must ensure consultation is reinitiated and the result of the consultation must be consistent with (i), (ii), or (iii) above.

If eligible, you must also provide supporting documentation for your determination in your NOI and SWPPP, including the Biological Opinion (or PCTS tracking number) or concurrence letter.

Criterion E. Your industrial activities are the subject of a permit under section 10 of the ESA, and this authorization addresses the effects of your facility's discharges and discharge-related activities on federally listed species and designated critical habitat. To certify your eligibility under this criterion, you must use the *Criterion Selection Worksheet* in Part E.4 of Appendix E. You must also provide supporting documentation for your determination in your NOI and SWPPP, including a copy of the permit from the Services.

E.3 Eligibility Compliance

You must comply with any measures that formed the basis of your eligibility determination in Part 1.1.4.5 for the duration of your coverage under the MSGP in order to maintain your eligibility for coverage under the permit. These measures become permit requirements per Part 2.3. Documentation of these measures must be kept as part of your SWPPP (see Part 5.2.6.1).

E.4 Criterion Selection Worksheet

Instructions:

You must follow the step-by-step instructions in this worksheet in order to determine your eligibility under the Part 1.1.4.5 criteria. Alternatively, if you prefer to use a Biological Evaluation (or its equivalent) in making a determination of your eligibility, you should ensure all of the information requested below for the criterion you are selecting is fully addressed in such a document. You must attach this completed document or Biological Evaluation (or equivalent) to your SWPPP to support your Part 1.1.4.5 eligibility determination.

You may need the following information in order to determine your eligibility:

- 1) Your facility's draft Stormwater Pollution Prevention Plan (SWPPP), including information on receiving waters.
- 2) Any additional site-specific information related to your facility's discharges and discharge-related activities.
- 3) The list(s) of endangered and threatened species and any designated critical habitat in your action area, as acquired from the Fish and Wildlife Service and/or the National Marine Fisheries Services. Directions on how to acquire species lists is described in a subsequent section below.

Note that much of the information needed to complete this worksheet is also needed in order to prepare your NOI for permit coverage, and is also information that you must develop as part of your SWPPP. You may copy and paste any information that is already required and completed in your SWPPP into this worksheet. (You may also decide to make minor changes or additions to your SWPPP while filling out the worksheet for clarification purposes or to address any concerns that are identified below.)

STEP 1: DETERMINE IF THE ELIGIBILITY REQUIREMENTS OF CRITERION B, D, OR E CAN BE MET.

- A. You should first determine whether you are eligible under [criterion B](#) (because another operator has accounted for your action area in their valid certification of eligibility under the 2015 MSGP), [criterion D](#) (because of a previously completed ESA section 7 consultation), or [criterion E](#) (because of a previously issued ESA section 10 permit).

- B. If your facility is likely to be eligible under criterion B, D or E, you may skip ahead to the applicable criterion's requirements to determine if you are eligible. If after completing the relevant section you find that your facility does not in fact meet criteria B, D, or E (e.g., due to difference in action area described, lack of analysis of appropriate effects, new listings or designation of critical habitat), proceed to [Step 2](#) below.
- C. If your facility is not likely to be eligible under criterion B, D or E, you may proceed directly to [Step 2](#).

Criterion B Eligibility Requirements

If your industrial activities were already addressed in another operator's valid certification of eligibility under the current 2015 MSGP, you may be eligible for coverage under criterion B. In order to be eligible for coverage under criterion B, you must confirm that all the following are true:

- You have confirmed that the other operator's certification of eligibility accounted for your action area and that the eligibility determination was valid.
- There has been no lapse of NPDES permit coverage in the other operator's certification.
- You will comply with all measures that formed the basis of the other operator's valid certification of eligibility. List any measures here (or enter "N/A" if none exist):

- **If all of the above are true, you may select criterion B on your NOI.** You must include in your NOI the NPDES ID assigned to the other operator's authorization under this permit, and a description of the basis for the criterion selected on your NOI form, including the eligibility criterion selected by the other operator's certification. You must include this completed worksheet in your SWPPP.
- **If any of the above are not true, you may not select criterion B and must proceed to [Step 2](#).** For example, if there are any listed species in your action area that were not addressed in the other operator's certification, you are not eligible under criterion B.

Criterion D Eligibility Requirements

If consultation under section 7 of the ESA has been concluded, you may be eligible for coverage under criterion D. In order to be eligible for coverage under criterion D, you must confirm that all the following are true:

- A consultation between a federal agency and the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service under section 7 of the ESA has been concluded. Consultations can be either formal or informal, and would have occurred only as a result of a separate federal action (e.g., during application for an individual wastewater discharge permit or the issuance of a wetlands dredge and fill permit), and the consultation must have addressed the effects of your industrial activity's discharges and discharge-related activities on all federally listed threatened or endangered species and all designated critical habitat in your action area. The result of this consultation must be either:

- i. A biological opinion that concludes that the action in question (taking into account the effects of your facility's discharges and discharge-related activities) is not likely to jeopardize the continued existence of listed species, or result in the destruction or adverse modification of critical habitat. The biological opinion must have included the effects of your facility's discharges^a and discharge-related activities on all the listed species and designated critical habitat in your action area;
- ii. A biological opinion that concludes that the action is likely to jeopardize listed species or to result in the destruction or adverse modification of critical habitat, and any recommended reasonable and prudent alternatives or reasonable and prudent measures are being implemented; or
- iii. Written concurrence (e.g., letter of concurrence) from the applicable Service(s) with a finding that concludes that your facility's discharges and discharge-related activities are not likely to adversely affect listed species or designated critical habitat. The concurrence letter must have included the effects of your facility's discharges and discharge-related activities on all the listed species and designated critical habitat on your species list(s) acquired from the Service(s) as part of this worksheet.

The consultation does not warrant reinitiation under 50 CFR §402.16; or, if reinitiation of consultation is required (e.g., due to a new species listing or critical habitat designation; new information), you have reinitiated the consultation and the result of the consultation is consistent with the statements above. Attach a copy of any reinitiation documentation from the Services or other consulting federal agency.

- **If all of the above are true, you may select criterion D on your NOI.** You must also provide a description of the basis for the criterion selected on your NOI form and you must include this completed worksheet in your SWPPP. In both your SWPPP and NOI you must also provide the Biological Opinion (or PCTS tracking number) or concurrence letter and any other documentation supporting your eligibility determination.
- **If any of the above are not true, you may not select criterion D and must proceed to [Step 2](#).** For example, if the biological opinion or written concurrence did not include the effects of the discharge or discharge-related activities as described above (e.g., the previous consultation covered some but not all of the species or critical habitat in your action area as shown on your species list), or if the consultation is no longer valid (e.g., due to new species listings), you are not eligible under criterion D.

Criterion E Eligibility Requirements

If your industrial activities are the subject of a permit under section 10 of the ESA, and this authorization addresses the effects of your facility's discharges and discharge-related activities on federally listed species and designated critical habitat in your action area, you may be eligible for coverage under criterion E. In order to be eligible for coverage under criterion E, you must confirm that the following is true:

A permit has been issued under section 10 of the ESA. The permit authorization specifically addresses the effects of your facility's discharges and discharge-related activities (if applicable) on all federally-listed species and designated critical habitat in your action area.

^a Effects of discharge includes, but is not limited to, the analysis of the hydrological, chemical, and biological effects of the discharge on listed species, their prey, and their habitat, as well as critical habitat, where designated. For example, the effects analysis would have evaluated whether the various pollutants in the discharge (e.g., TSS, metals) would adversely affect listed species through exposure to the pollutants, or to their prey or habitat. Effects that look only at short-term effects unrelated to the stormwater discharge effects to listed species are not sufficient for these purposes.

- **If the above is true, you may select criterion E on your NOI.** You must also provide a description of the basis for the criterion selected on your NOI form and must include this completed worksheet in your SWPPP. In both your SWPPP and your NOI you must provide a copy of the section 10 permit issued by the Services.
- **If the above is not true, you may not select criterion E and must proceed to [Step 2](#).** For example, if a permit has been issued under section 10 of the ESA, but the permit authorization did not address the effects of your facility's discharges and/or discharge-related activities on all federally-listed species and designated critical habitat in your action area, you are not eligible under criterion E, but you should attach a copy of the permit to the SWPPP for reference.

STEP 2: DETERMINE THE EXTENT OF YOUR ACTION AREA

You must determine whether species listed as either threatened or endangered, or their critical habitat(s) (see definitions of these terms in Appendix A), are located in your facility's action area (i.e., all areas to be affected directly or indirectly by the federal action and not merely the immediate area involved in the action, including areas beyond the footprint of the facility that are likely to be affected by stormwater discharges, discharge-related activities, and allowable non-stormwater discharges). Consider the following in determining the action area for your facility:

- Discharges of pollutants into downstream areas can expand the action area well beyond the footprint of your facility and the discharge point(s). Take into account the controls you will be implementing to minimize pollutants and the receiving waterbody characteristics (e.g., perennial, intermittent, ephemeral) in determining the extent of physical, chemical, and/or biotic effects of the discharges. All receiving waterbodies that could receive pollutants from your facility must be included in your action area.
- Discharge-related activities must also be accounted for in determining your action area. Discharge-related activities are any activities that cause, contribute to, or result in stormwater and allowable non-stormwater point source discharges, and measures such as the siting, construction, and operation of stormwater controls to control, reduce, or prevent pollutants from being discharged. For example, any new or modified stormwater controls that will have noise or other similar effects, and any disturbances associated with construction of controls, are part of your action area.

If you have any questions about determining the extent of your action area, you may contact EPA or the Services for assistance.

You must include a map **and a written description of** the action area of your facility in [Attachment 1](#) of this appendix. You may choose to include the map that is generated from the FWS' on-line mapping tool IPaC (the *Information, Planning, and Consultation System*) located at <http://ecos.fws.gov/ipac/> (see [Step 3](#) for information about using this tool).

You must proceed to [Step 3](#) below.

STEP 3: DETERMINE IF LISTED THREATENED OR ENDANGERED SPECIES AND/OR CRITICAL HABITAT ARE PRESENT IN YOUR ACTION AREA.

You must determine whether species listed as either threatened or endangered under the Endangered Species Act (ESA), and/or their designated critical habitat(s)^b, are located in your facility's action area. Federally listed species and designated critical habitat are under the purview of the National Marine Fisheries Service (NMFS) and the U.S. Fish and Wildlife Service (FWS) (together, "Services"), and in many cases, species and critical habitat lists will need to be acquired from both Services.

^b See definitions of these terms in Appendix A of the MSGP.

- For NMFS species and critical habitat information, use the following webpages, which provide up-to-date information on listed species (<http://www.nmfs.noaa.gov/pr/species/esa/>) and critical habitat (<http://www.nmfs.noaa.gov/pr/species/criticalhabitat.htm>). To determine the field office that corresponds to your facility, go to <http://www.nmfs.noaa.gov/> (under the left tab for "Regions"). For NMFS species in the Greater Atlantic Region, go to <http://www.greateratlantic.fisheries.noaa.gov/protected/section7/guidance/maps/index.html>.
- For FWS species information, use the on-line mapping tool IPaC (the *Information, Planning, and Consultation System*) located at <http://ecos.fws.gov/ipac/>, and follow these steps:
 - *Select Get Started.*
 - Select Enter Project Location
 - Use an address, city name or other location to zoom into your project area
 - Use the zoom feature to see the entire extent of your action area on the screen.
 - Use one of the mapping features (e.g., Polygon or line feature) to draw your action.
 - For the aquatic portion of your action area, trace the waterbody(ies) with the tool to characterize your action area.
 - If your proposal will include any upland activities (i.e., discharge-related activities), or if there is some aspect of your discharge that would potentially result in effects to terrestrial species, include the corresponding upland areas within your action area.
 - When you are done, press *Continue*.
 - Select Request an Official Species List
 - Complete the fields on the Official Species List Request page, and include "(MSGP)" at the end of the project description.
 - For Classification, select "Water Quality Modification".
 - Select the appropriate requesting agency/organization type (for most applicants, this should be "Other").
 - Submit the request to acquire an Official Species List, which should show both listed species as well as any designated critical habitat that are present in the action area in the previous step.
 - Note: *If a link to an Official Species List is not available on the page, follow the web link of the office(s) indicated, or contact the office directly by mail or phone if a web link is not shown.*

The principle authority for critical habitat designations and associated requirements is found at 50 CFR Parts 17 and 226. See <http://www.access.gpo.gov>.

Attach a copy of the species and critical habitat list(s) from the Service(s) to [Attachment 2](#) of this appendix and use the list(s) to complete the rest of this worksheet. For FWS species, include the full printout from your IPaC query/Official Species List in Attachment 2. You can include the map from your IPaC query in Attachment 1.

If after following the steps you have determined that there are no listed species and/or designated critical habitat in your action area, you may be eligible for coverage under [criterion A](#).

If you have determined that there are or may be listed species and/or designated critical habitat in your action area, you are not eligible under criterion A and must proceed to [Step 4](#) below.

Criterion A Eligibility Requirements

In order to be eligible for coverage under criterion A, you must confirm that the following is true:

I have confirmed there to be no listed species and no critical habitat in my action area.

- **If the above is true, you may select criterion A on your NOI form.** You must also provide a description of the basis for the criterion selected on your NOI form. You must include this completed worksheet in your SWPPP. *Note: If your Official Species List from the USFWS indicated no species or critical habitat were present in your action area, include the full consultation tracking code at the top of your Official Species List in your NOI submittal in the question "Provide a brief summary of the basis for the criterion selected in Appendix E." If an Official Species List was not available on IPaC, list the contact date and name of the Service staff with whom you corresponded to verify no USFWS species or critical habitat were present in your action area.*
- If the above is not true, you may not select criterion A and must proceed to [Step 4](#) to determine if you can become eligible under criterion C.

Note: For existing dischargers that have previously obtained coverage under criterion A, you must verify whether listed species and/or critical habitat are expected to exist in your action area, as described above. Please note that if you now find that your action area overlaps with listed species or critical habitat, you must proceed to [Step 4](#).

STEP 4: DETERMINE IF YOUR INDUSTRIAL FACILITY’S DISCHARGES OR DISCHARGE-RELATED ACTIVITIES ARE LIKELY TO ADVERSELY AFFECT LISTED THREATENED OR ENDANGERED SPECIES OR DESIGNATED CRITICAL HABITAT AND ANY MEASURES THAT MUST BE IMPLEMENTED TO AVOID ADVERSE EFFECTS

If in Step 3 you determined that listed species and/or designated critical habitat could exist in your action area, you must next assess whether your discharges and discharge-related activities are likely to adversely affect listed threatened or endangered species or designated critical habitat, and whether any additional measures are necessary to ensure no likely adverse effects. In order to make a determination of your facility’s likelihood of adverse effects, you must complete the attached [Criterion C Eligibility Form](#) and must submit this form to EPA a minimum of 30 days prior to filing your NOI for permit coverage. After you submit your [Criterion C Eligibility Form](#), you may be contacted by EPA with additional measures that you must implement in order to ensure your eligibility under criterion C.

Criterion C Eligibility Form

Instructions:

In order to be eligible for coverage under criterion C, you must complete the following form and you must submit it to EPA following the instructions in Section VII a **minimum of 30 days prior to filing your NOI for permit coverage.** After you submit your form, you may be contacted by EPA with additional measures (e.g., additional stormwater controls or modifications to your discharge-related activities) that you must implement in order to ensure your eligibility under criterion C.

If after completing this worksheet you cannot make a determination that your discharges and discharge-related activities are not likely to adversely affect listed threatened or endangered species or designated critical habitat, you must submit this completed worksheet to EPA, and you may not file your NOI for permit coverage until you receive a determination from EPA that your discharges and/or discharge-related activities are not likely to adversely affect listed species and critical habitat.

Note: Much of the information needed for this form can be obtained from your draft SWPPP which will be needed when you file your NOI.

SECTION I. OPERATOR, FACILITY, AND SITE LOCATION INFORMATION.

1) Operator Information

a) **Operator Name:** _____

b) **Point of Contact**

First Name: _____ **Last Name:** _____

Phone Number: _____

E-mail: _____

2) Facility Information

a) **Facility Name:** _____

b) **Check which of the following applies:**

I am seeking coverage under the MSGP as a new discharger or as a new source

I am seeking coverage under the MSGP as an existing discharger and my facility has modifications to its discharge characteristics (e.g., changes in discharge flow or area drained, different pollutants) and/or discharge-related activities (e.g., stormwater controls)

Indicate the number of years the facility has been in operation: _____ years

Provide your NPDES ID (i.e., permit tracking number) from your previous MSGP coverage: _____

I am seeking coverage under the MSGP as an existing discharger and there are no modifications to my facility.

Indicate the number of year the facility has been in operation: _____ years

Provide your NPDES ID (i.e., permit tracking number) from your previous MSGP coverage: _____

c) Facility Address:

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip Code: _____

d) Identify the primary industrial sector to be covered under the 2015 MSGP:

SIC Code _____ or Primary Activity Code _____

Sector _____ and Subsector _____

e) Identify the sectors of any co-located activities to be covered under the 201r MSGP:

Sector _____ Subsector _____

Sector _____ Subsector _____

Sector _____ Subsector _____

Sector _____ Subsector _____

Sector _____ Subsector _____

Sector _____ Subsector _____

f) Estimated area of industrial activity exposed to stormwater: _____ acres

g) Provide a general description of the industrial activities that are taking place at this facility:

3) Receiving Waters Information

List all the stormwater outfalls from your facility.				For each outfall, provide the following receiving water information:	
Outfall ID	Design Capacity (if known)	Latitude (decimal degrees)	Longitude (decimal degrees)	Name of the receiving water that receives stormwater from the outfall and/or from the MS4 that the outfall discharges to	Type of Waterbody (e.g., lake, pond, river/stream/creek, estuarine/marine water)
		____.____	____.____		
		____.____	____.____		
		____.____	____.____		
		____.____	____.____		
		____.____	____.____		

SECTION II. ACTION AREA

Ensure that your action area is described in [Attachment 1](#), as required in [Step 2](#).

SECTION III. LISTED SPECIES AND CRITICAL HABITAT LIST

Ensure that the listed species and critical habitat list is included in [Attachment 2](#), as required in [Step 3](#).

Review your species list in Attachment 2, choose one of the following three statements, and follow the corresponding instructions:

The species list includes only terrestrial species and/or their designated critical habitat. No aquatic or aquatic-dependent species or their critical habitat are present in the action area. **You may skip to [Section IV](#) of this form. You are not required to fill out [Section V](#).**

The species list includes only aquatic and/or aquatic-dependent species and/or their designated critical habitat. No terrestrial species or their critical habitat are present in the action area. **You may skip to [Section V](#) of this form and are not required to fill out [Section IV](#).**

The species list includes both terrestrial and aquatic or aquatic-dependent species and/or their designated critical habitat. **You must fill out both [Sections IV](#) and [V](#) of this form.**

Note: For the purposes of this permit, "terrestrial species" would not include animal or plant species that 1) spends any portion of its life cycle in a waterbody or wetland, or 2) if an animal, depends on prey or habitat that occurs in a waterbody or wetland. For example, shorebirds, wading birds, amphibians, and certain reptiles would not be considered terrestrial species under this definition. Please also be aware that some terrestrial animals (e.g., certain insects, amphibians) may have an aquatic egg or larval/juvenile phase.

SECTION IV. EVALUATION OF DISCHARGE-RELATED ACTIVITIES EFFECTS

Note: You are only required to fill out this section if your facility's action area contains terrestrial species and/or their designated critical habitat. If your action area only contains aquatic and/or aquatic-dependent species and/or their designated critical habitat, you can skip directly to [Section V](#).

Most of the potential effects related to coverage under the MSGP are assumed to occur to aquatic and/or aquatic-dependent species. However, in some cases, potential effects to terrestrial species and/or their critical habitat should be considered as well from any discharge-related activities that occur during coverage under the MSGP. Examples of discharge-related activities that could have potential effects on listed terrestrial species or their critical habitat include the storage of materials and land disturbances associated with stormwater management-related activities (e.g., the installation or placement of stormwater control measures).

A. Select the applicable statement(s) below and follow the corresponding instructions:

There are no discharge-related activities that are planned to occur during my coverage under the MSGP. You can conclude that your discharge-related activities will have no likely adverse effects, and:

- If there are any aquatic or aquatic-dependent species and/or their critical habitat in your action area, you must skip to [Section V](#), *Evaluation of Discharge Effects*, below.
- If there are no aquatic or aquatic-dependent species you may skip to [Section VI](#) and verify that your activities will have no likely adverse effects. You must submit this form to EPA as specified in [Section VII](#) of this form. You may select criterion C on your NOI form and may submit your NOI for permit coverage 30 days after you have submitted this *Criterion C Eligibility Form*. You must also provide a description of the basis for the criterion you selected on your NOI form, **including the species and critical habitat list(s) in your action area**, as well as any other documentation supporting your eligibility. You must also include this completed *Criterion C Eligibility Form* in your SWPPP.

There are discharge-related activities planned as part of the proposal. Describe your discharge-related activities in the following box and continue to (b) below.

Describe discharge-related activities:

B. In order to ensure any discharge-related activities will have no likely adverse effects on listed species and/or their designated critical habitat, you must certify that all the following are true:

- Discharge-related activities will occur:
- on previously cleared/developed areas of the site where maintenance and operation of the facility are currently occurring or where existing conditions of the area(s) in which the discharge-related activities will occur precludes its use by listed species (e.g., work on existing impervious surfaces, work occurring inside buildings, area is not used by species), and
 - if discharge-related activities will include the establishment of structures (including, but not limited to, infiltration ponds and other controls) or any related disturbances, these structures and/or disturbances will be sited in areas that will not result in isolation or degradation of nesting, breeding, or foraging habitat or other habitat functions for listed animal species (or their designated critical habitat), and will avoid the destruction of native vegetation (including listed plant species).

If vegetation removal (e.g., brush clearing) or other similar activities will occur, no terrestrial listed species that use these areas for habitat would be expected to be present during vegetation removal.

If all the above are true, you can conclude that your discharge-related activities will have no likely adverse effects, and:

- If there are any aquatic or aquatic-dependent species and/or critical habitat in your action area, you must skip to [Section V](#), *Evaluation of Discharge Effects*, below.
- If there are no aquatic or aquatic-dependent species you may skip to [Section VI](#) and verify that your activities will have no likely adverse effects. You must submit this form to EPA as specified in [Section VII](#) of this form. You may select criterion C on your NOI and may submit your NOI for permit coverage 30 days after you have submitted this completed form. You must also provide a description of the basis for the criterion you selected on your NOI form, **including the species and critical habitat list(s)**, and any other documentation supporting your eligibility. You must also include this completed *Criterion C Eligibility Form* in your SWPPP.
- **If any of the above are not true**, you cannot conclude that your discharge-related activities will have no likely adverse effects. You must complete the rest of this form (if applicable), and must submit the form to EPA for assistance in determining your eligibility for coverage.

SECTION V. EVALUATION OF DISCHARGE EFFECTS

Note: You are only required to fill out this section if your facility's action area includes aquatic and/or aquatic-dependent species and/or their critical habitat.

In this section, you will evaluate the likelihood of adverse effects from your facility's discharges. The scope of effects to consider will vary with each facility and species/critical habitat characteristics. The following are examples of discharge effects you should consider:

- *Hydrological Effects.* Stormwater discharges may adversely affect receiving waters from pollutant parameters such as turbidity, temperature, salinity, or pH. These effects will vary with the amount of stormwater discharged and the volume and condition of the receiving water. Where a stormwater discharge constitutes a minute portion of the total volume of the receiving water, adverse hydrological effects are less likely.
- *Toxicity of Pollutants.* Pollutants in stormwater may have toxic effects on listed species and may adversely affect critical habitat. Exceedances of benchmarks, effluent limitation guidelines, or state or tribal water quality requirements may be indicative of potential adverse effects on listed species or critical habitat. However, some listed species may be adversely affected at pollutant concentrations below benchmarks, effluent limitation guidelines, and state or tribal water quality standards. In addition, stormwater pollutants identified in Part 5.2.3.2 of your SWPPP, but not monitored as benchmarks or effluent limitation guidelines, may also adversely affect listed species and critical habitat.

As these effects are difficult to analyze for listed species, their prey, habitat, and designated critical habitat, this form helps you to analyze your discharges and make a determination of whether your discharges will have likely adverse effects and whether there are any additional controls you can implement to ensure no likely adverse effects.

A. Evaluation of Pollutants and Controls to Avoid Adverse Effects. In this section, you must document <u>all</u> of your pollutant sources and pollutants expected to be discharged in stormwater. You must also document the controls you will implement to avoid adverse effects on listed aquatic and aquatic-dependent species. You must include specific details about the expected effectiveness of the controls in avoiding adverse effects to the listed aquatic-and aquatic-dependent species. Attach additional pages if needed.		
Potential Pollutant Source	Potential Pollutants	Controls to Avoid Adverse Effects on Listed Aquatic and Aquatic-Dependent Species. Include information supporting why the control(s) will ensure no adverse effects, including any data you have about the effectiveness of the control(s) in reducing pollutant concentrations. You may also attach photos of your controls to this form.
e.g., vehicle and equipment fueling	e.g., <ul style="list-style-type: none"> • Oil & grease • Diesel • Gasoline • TSS • Antifreeze 	e.g., <ul style="list-style-type: none"> • Fueling operators (including the transfer of fuel from tank trucks) will be conducted on an impervious or contained pad or under cover • Drip pans will be used where leaks or spills of fuel can occur and where making and breaking hose connections • Spill kit will be kept on-site in close proximity to potential spill areas • Any spills will be cleaned-up immediately using dry clean up methods • Stormwater runoff will be diverted around fueling areas using diversion dikes and curbing

Potential Pollutant Source	Potential Pollutants	Controls to Avoid Adverse Effects on Listed Aquatic and Aquatic-Dependent Species.

Potential Pollutant Source	Potential Pollutants	Controls to Avoid Adverse Effects on Listed Aquatic and Aquatic-Dependent Species.

Check if you are not able to make a preliminary determination that any of your pollutants will be controlled to a level necessary to avoid adverse effects on aquatic and/or aquatic-dependent listed species and their designated critical habitat. You must check in [Section VI](#) that you are unable to make a determination of no likely adverse effects, and must complete the rest of the form. You must submit your completed form to EPA for assistance in determining your eligibility for coverage.

B. Analysis of Effects Based on Past Monitoring Data. Select which of the following applies to your facility:

- I have no previous monitoring data for my facility because there are no applicable monitoring requirements for my facility's sector(s).
- I have no previous monitoring data for my facility because I am a new discharger or a new source, but I am subject to monitoring under the 2015 MSGP. You must provide information to support a conclusion that your facility's discharges are not expected to result in benchmark or numeric effluent limit exceedances that will adversely affect listed species or their critical habitat:
- My facility has not had any exceedances under the 2008 MSGP of any required benchmark(s) or numeric effluent limits.
- My facility has had exceedances of one or more benchmark(s) or numeric effluent limits under the 2008 MSGP, but I have addressed them during my coverage under the 2008 MSGP, or in my evaluation of controls to avoid adverse effects in (A) above. Describe all actions (including specific controls) that you will implement to ensure that the pollutants in your discharge(s) will not result in likely adverse effects from future exceedances.
- Check if your facility has had exceedances of one or more benchmarks or numeric effluent limits under the 2008 MSGP and you have not been able to address them to avoid adverse effects from future exceedances, or if you are a new discharger or a new source but you are not sure if you can avoid adverse effects from possible exceedances. You must check in [Section VI](#) that you are unable to make a determination of no likely adverse effects. You must submit your completed form to EPA for assistance in determining your eligibility for coverage. You may not file your NOI for permit coverage until you are able to make a determination that your discharges will avoid adverse effects on listed species and designated critical habitat.

SECTION VI VERIFICATION OF PRELIMINARY EFFECTS DETERMINATION

Based on Steps I – V of this form, you must verify your preliminary determination of effects on listed species and designated critical habitat from your discharges and/or discharge-related activities :

- Following the applicable Steps in I – V above, I have made a preliminary determination that my discharges and/or discharge-related activities are not likely to adversely affect listed species and designated critical habitats.
- Following the applicable Steps in I – V above, I am **not** able to make a preliminary determination that my discharges and/or discharge-related activities are not likely to adversely affect listed species and designated critical habitats.

Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

First Name, Middle Initial, Last Name:

Title:

Signature: _____ Date: / /

E-mail:

SECTION VII CRITERION C ELIGIBILITY FORM SUBMISSION INSTRUCTIONS

You must submit this completed form to EPA at msgpesa@epa.gov, including any attachments and any additional information that demonstrates how you will avoid or eliminate adverse effects to listed species or critical habitat (e.g., specific controls you will implement to avoid or eliminate adverse effects). **Any missing or incomplete information may result in a delay of your coverage under the permit.**

If you have made a preliminary determination that your discharges and/or discharge-related activities are not likely to adversely affect listed species and critical habitat, this form must be submitted a minimum of 30 days prior to submitting your NOI for permit coverage under criterion C. Please note that during either the 30-day *Criterion C Eligibility Form* review period prior to your NOI submission, or within 30 days after your NOI submission and before you have been authorized for permit coverage, EPA may advise you that additional information is needed, or that there are additional measures you must implement to avoid likely adverse effects.

If you are unable to make a preliminary determination that your discharges and/or discharge-related activities are not likely to adversely affect listed species and critical habitat, this worksheet must be submitted to EPA, but you may not file your NOI for permit coverage until you have received a determination from EPA that your discharges and/or discharge-related activities are not likely to adversely affect listed species and critical habitat.

Attachment 1

Include a map **and a written description** of the action area of your facility, as required in [Step 2](#). You may choose to include the map that is generated from the FWS' on-line mapping tool IPaC (the *Information, Planning, and Consultation System*) located at <http://ecos.fws.gov/ipac/>.

The written description of your action area that accompanies your action area map must explain your rationale for the extent of the action area drawn on your map. For example, your action area written description may look something like this:

The action area for the (name of your facility)'s stormwater discharges extends downstream from the outfall(s) in (name of receiving waterbody) (# of meters/feet/kilometers/miles). The downstream limit of the action area reflects the approximate distance at which the discharge waters and any pollutants would be expected to cause potential adverse effects to listed species and/or critical habitat because (insert rationale). The action area does/does not extend to the (name of receiving waterbody)'s confluence with (name of confluence waterbody) because (insert rationale).

Note that your action area written description will be highly site-specific, depending on the expected effects of your facility's discharges and discharge-related activities, receiving waterbody characteristics, etc.

Attachment 2

List or attach the listed species and critical habitat in your action area on this sheet, as required in [Step 3](#). You must include a list for applicable listed NMFS and FWS species and critical habitat. If there are listed species and/or critical habitat for only one Service, you must include a statement confirming there are no listed species and/or critical habitat for the other Service. For FWS species, include the full printout from your IPaC query. *Note: If your Official Species List from the USFWS indicated no species or critical habitat were present in your action area, include the full consultation tracking code at the top of your Official Species List in your NOI submittal in the question "Provide a brief summary of the basis for the criterion selected in Appendix E." If an Official Species List was not available on IPaC, list the contact date and name of the Service staff with whom you corresponded to identify the existence of any USFWS species or critical habitat present in your action area.*

Procedures Relating to Historic Properties Preservation

F.1 Background

Section 106 of the National Historic Preservation Act (NHPA) requires Federal agencies to take into account the effects of Federal “undertakings”, such as the issuance of this permit, on historic properties that are either listed or eligible for listing on the National Register of Historic Places. To address any issues relating to historic properties in connection with the issuance of this permit, EPA has developed the screening process in this appendix that enables facility operators to appropriately consider the potential impacts, if any, from the installation of stormwater controls that involve subsurface disturbance, on historic properties and to determine whether actions can be taken, if applicable, to mitigate any such impacts. Although the coverage of individual industrial facilities under this permit does not constitute separate Federal undertakings, the screening process in this appendix provides an appropriate site-specific means of addressing historic property issues in connection with EPA’s issuance of the permit.

Before an operator is eligible for coverage under the 2015 MSGP (unless otherwise noted, all references to “eligible” or “eligibility” refer only to coverage under the 2015 MSGP), the operator must meet one of the certification criteria related to historic properties included in the permit. In the event an operator cannot meet any of the certification criteria included in the permit relating to historic properties, the operator must apply for an individual permit.

You must meet one or more of the four criteria (A-D), which are also included in Part 1.1.4.6, to be eligible for coverage under this permit.

Activities with No Potential to Have an Effect on Historic Properties

A determination that a Federal undertaking has no potential to have an effect on historic properties fulfills an agency’s obligations under the NHPA. EPA has reason to believe that the vast majority of activities authorized under the MSGP have no potential to have effects on historic properties. The purpose of this permit is to control pollutants that may be transported in stormwater runoff from industrial facilities. EPA does not anticipate effects on historic properties from the pollutants in the stormwater and allowable non-stormwater discharges from these industrial facilities. Thus, to the extent EPA’s issuance of this general permit authorizes discharges of such constituents, confined to existing stormwater channels or natural drainage areas; the permitting action does not have the potential to cause effects on historic properties.

In addition, the overwhelming majority of sources covered under this permit will be facilities that are seeking renewal of previous permit coverage. These existing dischargers should have already addressed NHPA issues in the 2008 MSGP as they were required to certify that they

Key Terms

Historic Property – Prehistoric or historic districts, sites, buildings, structures, or objects that are included in or eligible for inclusion in the National Register of Historic Places, including artifacts, records, and remains that are related to and located within such properties.

ACHP – Advisory Council on Historic Preservation; an independent Federal agency.

SHPO – The State Historic Preservation Officer for a particular state.

THPO or Authorized Tribal Representative – The Tribal Historic Preservation Officer for a particular Tribe, or if there is no THPO, the representative designated by such Tribe for NHPA purposes. Historic properties could have significance to more than one Indian tribe; therefore, all Indian tribes that attach religious and cultural significance to a historic property must be identified and included in the historic properties screening process.

Area of Potential Effects (APE) – The geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties, if any such properties exist. The area of potential effects is influenced by the scale and nature of an undertaking and may be different for different kinds of effects caused by the undertaking.

were either not affecting historic properties or they had obtained written agreement from the applicable State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) regarding methods of mitigating potential impacts. Both existing and new dischargers must follow the historic property screening procedures to determine their eligibility. EPA is not aware of any impacts on historic properties from activities covered under the 2008 MSGP, or, for that matter, any need for a written agreement. Therefore, to the extent this permit authorizes renewal of prior coverage without relevant changes in operations, it has no potential to have an effect on historic properties.

Activities with Potential to Have an Effect on Historic Properties

EPA believes this permit may have some potential to have an effect on historic properties where permittees construct and/or install stormwater control measures that involve subsurface disturbance and impact less than one (1) acre of land to comply with this permit. (Ground disturbances of one (1) acre or more require coverage under a different permit, the Construction General Permit.) Where you have to disturb the land through the construction and/or installation of control measures, there is a possibility that artifacts, records, or remains associated with historic properties could be impacted. Therefore, if you are establishing new or altering existing control measures to manage your stormwater that will involve subsurface ground disturbance of less than one (1) acre, you will need to ensure (1) that historic properties will not be impacted by your activities or (2) that you have consulted with the appropriate SHPO, THPO, or other tribal representative regarding measures that would mitigate or prevent any adverse effects on historic properties.

Examples of Control Measures Which Involve Subsurface Disturbance

EPA reviewed typical control measures currently employed to determine which practices involve some level of earth disturbance. The types of control measures that are presumptively expected to cause subsurface ground disturbance include:

- Dikes
- Berms
- Catch Basins
- Ponds
- Ditches
- Trenches
- Culverts
- Land manipulation: contouring, sloping, and grading
- Channels
- Perimeter Drains
- Swales

EPA cautions dischargers that this list is non-inclusive. Other control measures that involve earth disturbing activities that are not on this list must also be examined for the potential to affect historic properties.

Historic Property Screening Process

You should follow the following screening process in order to certify your compliance with historic property eligibility requirements under this permit (see Part 1.1.4.6). The following four steps describe how applicants can meet the permit eligibility criteria for protection of historic properties under this permit:

Step One: Are you an existing facility that is reapplying for certification under the 2015 MSGP?

If you are an existing facility you should have already addressed NHPA issues. To gain coverage under the 2008 MSGP you were required to certify that you were either not affecting historic properties or had obtained written agreement from the relevant SHPO or THPO regarding methods of mitigating potential impacts. As long as you are not constructing or installing any new stormwater control measures then you have met eligibility Criterion A of the MSGP. After you submit your NOI, there is a 30-day waiting period during which the SHPO, THPO, or other tribal representative may review your NOI. The SHPO, THPO, or other tribal representative may request that EPA hold up authorization based on concerns about potential adverse impacts to historic properties. EPA will evaluate any such request and notify you if any additional measures to address adverse impacts to historic properties are necessary.

If you are an existing facility and will construct or install stormwater control measures that require subsurface disturbance of less than one (1) acre then you should proceed to Step Three. (Note: Construction activities disturbing one (1) acre or more are not eligible for coverage under this permit.)

If you are a new facility then you should proceed to Step Two.

Step Two: Are you constructing or installing any stormwater control measures that require subsurface disturbance of less than one (1) acre?

If, as part of your coverage under this permit, you are not building or installing control measures on your site that cause less than one (1) acre of subsurface disturbance, then your discharge-related activities do not have the potential to have an effect on historic properties. You have no further obligations relating to historic properties. You have met eligibility Criterion A of the MSGP. After you submit your NOI, there is a 30-day waiting period during which the SHPO, THPO, or other tribal representative may review your NOI. The SHPO, THPO, or other tribal representative may request that EPA hold up authorization based on concerns about potential adverse impacts to historic properties. EPA will evaluate any such request and notify you if any additional measures to address adverse impacts to historic properties are necessary.

If the answer to the Step Two question is yes, then you should proceed to Step Three.

Step Three: Have prior earth disturbances determined that historic properties do not exist, or have prior disturbances precluded the existence of historic properties?

If previous construction either revealed the absence of historic properties or prior disturbances preclude the existence of historic properties, then you have no further obligations relating to historic properties. You have met eligibility Criterion B of the MSGP. After you submit your NOI, there is a 30-day waiting period during which the SHPO, THPO, or other tribal representative may review your NOI. The SHPO, THPO, or other tribal representative may request that EPA hold up authorization based on concerns about potential adverse impacts to historic properties. EPA will evaluate any such request and notify you if any additional measures to address adverse impacts to historic properties are necessary.

If the answer to the Step Three question is no, then you should proceed to Step Four.

Step Four: Contact the appropriate historic preservation authorities

Where you are building and/or installing control measures affecting less than one (1) acre of land to control stormwater or allowable non-stormwater discharges associated with this

permit, and the answer to Step Three is no, then you should contact the relevant SHPO, THPO, or other tribal representative to determine the likelihood that artifacts, records, or remains are potentially present on your site. This may involve examining local records to determine if historic artifacts have been found in nearby areas, as well as limited surface and subsurface examination carried out by qualified professionals.

If through this process it is determined that such historic properties potentially exist and may be impacted by your construction or installation of control measures, you should contact the relevant SHPO, THPO, or tribal representative in writing and request to discuss mitigation or prevention of any adverse effects. The letter should describe your facility, the nature and location of subsurface disturbance activities that are contemplated, any known or suspected historic properties in the area, and any anticipated effects on such properties. The letter should state that if the SHPO, THPO, or tribal representative does not respond within 30 days of receiving your letter, you may submit your NOI without further consultation. EPA encourages applicants to contact the appropriate authorities as soon as possible in the event of a potential adverse effect to an historic property.

If the SHPO, THPO, or tribal representative sent you a response within 30 days of receiving your letter and you enter into, and comply with, a written agreement with the SHPO, THPO, or other tribal representative regarding how to address any adverse impacts on historic properties, you have met eligibility Criterion C. In this case, you should retain a copy of the written agreement consistent with Part 5.1.6.2 of the MSGP. After you submit your NOI, there is a 30-day waiting period during which the SHPO, THPO, or other tribal representative may review your NOI. The SHPO, THPO, or other tribal representative may request that EPA delay authorization based on concerns about potential adverse impacts to historic properties. However, EPA would generally accept any written agreement as fully addressing such concerns unless new information was brought to the Agency's attention that was not considered in your previous discussions with the SHPO, THPO or other tribal representative.

If you receive a response within 30 days after the SHPO, THPO, or tribal representative received your letter and you consult with the SHPO, THPO or tribal representative regarding adverse impacts to historic properties and measures to mitigate them but an agreement cannot be reached between you and the SHPO, THPO, or other tribal representative, you have still met the eligibility for Criterion C. In this case you should include in your SWPPP a brief description of potential effects to historic properties, the consultation process, any measures you will adopt to address the potential adverse impacts, and any significant remaining disagreements between you and the SHPO, THPO or other tribal representative. After you submit your NOI, there is a 30-day waiting period during which the SHPO, THPO, or other tribal representative may review your NOI. The SHPO, THPO, or other tribal representative may request that EPA delay authorization based on concerns about potential adverse impacts to historic properties. EPA will evaluate any such request and notify you if any additional measures to address adverse impacts to historic properties are necessary.

If you have contacted the SHPO, THPO, or tribal representative in writing regarding your potential to have an effect on historic properties and the SHPO, THPO, or tribal representative did not respond within 30 days of receiving your letter, you have met eligibility Criterion D. You are advised to get a receipt from the post office or other carrier confirming the date on which your letter was received. In this case, you should submit a copy of your letter notifying the SHPO, THPO or tribal representative of potential impacts with your NOI. After you submit your NOI, there is a 30-day waiting period during which the SHPO, THPO, or other tribal representative may review your NOI. The SHPO, THPO, or other tribal representative may request that EPA hold up authorization based on concerns about potential adverse impacts to historic properties. EPA will

evaluate any such request and notify you if any additional measures to address adverse impacts to historic properties are necessary.

Addresses for State Historic Preservation Officers and Tribal Historic Preservation Officers may be found on the Advisory Council on Historic Preservation's website (www.achp.gov/programs.html). In instances where a Tribe does not have a Tribal Historic Preservation Officer, you should contact the appropriate Tribal government office when responding to this permit eligibility condition.

Appendix J

SWPPP Amendment Log

SWPPP AMENDMENT LOG

Gloucester Marine Railways Corporation
Gloucester, MA

Amend. No.	Description of the Amendment	Date of Amendment	Amendment Prepared by [Name(s) and Title]
1	Installed Silt Sock around catch basin	11/26/2013	Richard Claydon Civil Engineer, Viking Gustafson General Manager
2	Monthly monitoring for Copper at the outfall	11/26/2013	Richard Claydon Civil Engineer, Viking Gustafson General Manager
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