



**Your Safety • Your Mobility
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Pollution Prevention Plan Idaho Transportation Department (ITD)

ITD 2788 (Rev. 04-18)
itd.idaho.gov



Instructions

The Pollution Prevention Plan (PPP) is a requirement for ITD projects which do not have coverage under the National Pollutant Discharge Elimination System (NPDES) Construction General Permit (CGP).

Prior to ground disturbing activities, the Contractor designated support areas shall be identified and the disturbed area shall be recalculated to determine if the project is still exempt from NPDES permitting requirements.

To help you develop the PPP use the following template. This template is designed to guide you through the PPP development process and help ensure that your PPP addresses all the necessary elements. EPA's 2007 guidance document titled *Developing Your Stormwater Pollution Prevention Plan* can also be used to help you develop your PPP. This guide can be found at: <https://www.epa.gov/npdes/developing-stormwater-pollution-prevention-plan-swppp>. On the ITD's stormwater management website: <http://itd.idaho.gov/env/> other useful information including the Best Management Practices Manual, Standard Drawings, and other stormwater forms and templates is available.

Using the PPP Template: This template was developed so that you can easily add text or tables. Some sections may require only a brief description while others may require more extensive explanation. Modify this template so that it meets the specific needs of your project.

Multiple operators may share the same PPP, but make sure that responsibilities are clearly described, and that all signatory requirements are met.

The Best Management Practices (BMPs) from ITD's BMP Manual are listed in tables throughout the template. Refer to the manual for further guidance on each BMP. The link is provided above.

Applicable Federal, Tribal, State, or Local Programs

The PPP shall meet the requirements of Sections 107.17 and 212 of the Standard Specifications for Highway Construction and be consistent with all applicable federal, state, tribal, and/or local requirements or ordinances, including MS4 requirements, for erosion control and stormwater management and compliance.

Table of Contents

Instructions	1
Applicable Federal, Tribal, State, or Local Programs	1
Pollution Prevention Plan Narrative Site Information	3
Local Highway Technical Assistance Council	3
Local Sponsor	3
Contractor's PPP and 24 Hour Emergency Contact Information	3
Section 1 - Project/Site Information	4
Location Information	4
Contact Information/Responsible Parties	4
LHTAC Resident Engineer Information	4
General Scope of Work or Project Description	5
Activity Description by Responsible Party	5
Soils, Slopes, Vegetation, Existing Drainage Patterns, Climate	5
Construction Site Estimates	5
Receiving Waters	6
Site Features and Sensitive Areas that Require Protection	6
PPP Plans and Site Maps	6
Potential Sources of Pollution	6
Section 2 - Erosion and Sediment Control BMPs	7
Minimize Disturbed Area and Protect Natural Features and Soil	7
Phase Construction Activity	7
Control Stormwater Flowing Onto and Through the Project	8
Stabilize Soils and Protect Slopes	8
Protect Storm Drain Inlets	9
Establish Perimeter Controls and Sediment Barriers	9
Retain Sediment On-Site	10
Establish Stabilized Construction Exits and Temporary Haul Roads	10
Section 3 - Good Housekeeping BMPs	11
Material Handling and Waste Management in Staging Areas	11
Designate Washout Areas	12
Establish Proper Equipment/Vehicle Fueling and Maintenance Practices	13
Sanitary Waste BMPs	14
Contaminated Soil BMPs	14
Allowable Non-Stormwater Discharge Management and Equipment/Vehicle Washing	14
Non-Stormwater BMPs	15
Spill Prevention and Control BMPs	15
Section 4 - Permanent Erosion or Sediment Control BMPs	16
Section 5 - Inspection and Maintenance Requirements	19
Inspections	19
Maintaining an Updated PPP Plan	19
Section 6 - Recordkeeping	20
Low Erosivity Waiver	20
Inspections	20
Section 7 - Certification and Notification	21
Appendices	22

Pollution Prevention Plan Narrative Site Information

Key Number	Project Name			
Location/Address		City	County	Zip Code
Beginning Milepost (if applicable)	Ending Milepost (if applicable)			

Operator(s)**Local Highway Technical Assistance Council** Choose an item.

LHTAC Contact Name Karissa Nelson		Title Environmental Engineer		
Office Address 3330 Grace Street		City Boise	County Ada	Zip Code 83703
Telephone Number	E-mail Address knelson@lhtac.org		Fax Number	

Local Sponsor Choose an item.

Organization Name		Contact Name		
Organization Address		City	State	Zip Code
Telephone Number	E-mail Address		Fax Number	

Contractor's PPP and 24 Hour Emergency Contact Information

Company/Organization Name		Site Manager's Printed Name		
Company/Organization Address		City	State	Zip Code
Telephone Number for 24/7/365 Availability	E-mail Address		Fax Number	

Estimated Project Start Date**Estimated Project End Date**

Section 1 - Project/Site Information**Location Information**

Project/Site Name		Project Street/Location/Milepost/Route	
City	County	ZIP Code	

Contact Information/Responsible Parties**Prime Contractor**

Company/Organization Name				
Company/Organization Address		City	State	Zip Code
Telephone Number	E-mail Address		Fax Number	
Area of Control (if there is more than one operator at the site)				

Project Manager(s) or Site Supervisor(s)

Company/Organization Name		Manager/Supervisor's Name(s)		
Company/Organization Address		City	State	Zip Code
Cell Phone Number	E-mail Address		Fax Number	
Area of Control (if there is more than one operator at the site, insert area of control for each)				

PPP Preparer Information (Contractor)

Company/Organization Name		Preparer's Name		
Company/Organization Address		City	State	Zip Code
Cell Phone Number	E-mail Address			

LHTAC Resident Engineer Information

Engineer's Name

Address 3330 Grace Street		City Boise	Zip Code 83703
Cell Phone Number	E-mail Address		Fax Number 208 344 0789

General Scope of Work or Project Description

Activity Description by Responsible Party

To add more rows, hit Tab in the last cell of the table.

Name and Contact Information for Subcontractor	Area of Subcontractor Controls/Work Performed

Soils, Slopes, Vegetation, Existing Drainage Patterns, Climate

Soil Type(s)
Slopes - Describe existing slopes and any changes due to construction activities
Drainage Patterns - Describe existing drainage patterns and note any changes due to construction
Existing Vegetation
Climate/Rainfall Patterns – Select amount that applies Choose an item.

Construction Site Estimates

The following are estimates of the project disturbance. Show acreage to the nearest 0.25 acre

Project site area to be disturbed - acres

Off-site waste sites to be disturbed - acres

Off-site borrow/source sites to be disturbed - acres

Staging Area to be disturbed - acres

Total project disturbed area - acres

Receiving Waters

Describe receiving surface waters (if applicable)
Describe receiving storm sewer systems (if applicable) and note MS4 areas
List immediate downstream water bodies (water bodies that are connected or would receive a direct discharge from the Project) that have been listed as impaired for sediment or waters subject to TMDLs by the Idaho Department of Environmental Quality (IDEQ) under Section 303(d) of the CWA

Site Features and Sensitive Areas that Require Protection

Provide a description of any unique features (such as wetlands) that require protection (if applicable)
If applicable, describe measures to protect these unique features

PPP Plans and Site Maps

The PPP will show the following locations:

- Temporary and permanent BMPS
- On-site staging areas, off-site material, waste, borrow or equipment storage or staging areas
- Locations of all ITD defined hazardous materials
- Any industrial stormwater discharges other than from project construction
- Waters of the United States including wetlands
- Storm sewer inlets

Insert a copy of all applicable Plan Sheets and/or Site Maps in **Appendix A**

Potential Sources of Pollution

Use the table below to identify all potential pollutants and sources, other than sediment, to stormwater runoff

Trade Name Material	Stormwater Pollutants	Location or N/A
Fuels and/or Lubricants	Petroleum Distillates	
Hydraulic Oils	Mineral Oil	
Asphalts	Petroleum Distillates	
Concrete/Curing Compounds	pH	
Anti-freeze	Glycol, Heavy Metals	
Paints	Organic Chemicals, VOCs	
Fertilizers	Nutrients-Nitrogen, Phosphorous	
Sanitary Toilets	Bacteria, Viruses, Parasites	

Add additional rows as needed by hitting Tab in the last cell of the table

Each of the pollutants listed in the table above must be addressed with a specific BMP.

Section 2 - Erosion and Sediment Control BMPs

In the tables provided below, check the boxes of the BMPs that will be used on your project. Delete the BMPs that will not be used, or leave unchecked. Add any BMPs that might be required to meet your project needs.

BMPs should be implemented as needed at all designated staging and storage areas, source and borrow sites, and disposal/excess material/waste sites prior to initiating any ground disturbance activities in these areas.

➔ Note: In the following tables, ITD SD SPECS and Drawings, and BMP Numbers from ITD BMP Manual are referenced beside each BMP

Minimize Disturbed Area and Protect Natural Features and Soil

BMPs	Specification(s)	Check if Used	Implementation Schedule
Preservation of Existing / Natural Vegetation	- SD SPECS (201 and 202) - EC-2	<input type="checkbox"/>	Date Location (Stations or MP)

Preservation of natural existing vegetation shall be utilized throughout the project, where practical, to minimize erosion potential, minimize total ground disturbance, and minimize stormwater movement off site. Existing vegetated buffers (including preserving mature vegetation and trees) shall be utilized to minimize stormwater erosion potential and down slope movement to any watershed, water feature (including irrigation amenities or domestic water sources), or area susceptible to stormwater or surface water movement. The vegetated buffers shall consist of areas of undisturbed vegetation including grasses, shrubs, woody plants, and trees that are located between the traversed roadway section and the existing swales, ditches, canals, wetlands, and intermittent/perennial streams or rivers that are located within ITD right-of-way. The vegetated buffers shall be left undisturbed throughout the project life and act as permanent erosion and sediment control BMPs to ensure short and long-term slope stability.

Phase Construction Activity

BMP	Specification(s)	Check if Used	Implementation Schedule
Scheduling and Sequencing of Construction Activities	- SD SPECS (108, 205, and 212) - EC-1	<input type="checkbox"/>	Date Location (Stations or MP)

The specific scheduling and sequencing of construction activities are required to be outlined by the Contractor and become a permanent part of the PPP. Records must be maintained as part of the PPP and shall include dates and durations when major activities occur (i.e. soil disturbing activities); dates when construction activities temporarily or permanently cease on a portion of the site; and dates when stabilization measures have been initiated and are obtained. Scheduling and sequencing of construction activities including the CMP Schedule shall be documented in this PPP by the Contractor. Describe major phases of construction in the spaces provided here:

Phase I

-
-

Phase II

-
-

Repeat as needed for additional Phases

Control Stormwater Flowing Onto and Through the Project

BMP	Specification(s)	Check if Used	Implementation Schedule
Coffer and Tarp Dams / Water Filled Bladders/ Aprons	- SD SPECS (210 and 501) - EC-3	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Interceptor Ditches / Diversion Channels/Ditches	- SD SPECS (208, 209, and 212) - SD Drawings (P-1-D, P-1-E, and P-2-E) - EC-4	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Slope Drains	- SD SPECS (212 and 706) - SD Drawings (P-1-A) - EC-5	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Dikes / Berms	- SD SPECS (205, 209, and 212) - SD Drawings P-1-F and P-1-E - SC-1	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Channel Protection:	- Check Dams / Flexible Liners / Rigid Liners - SD SPECS (209, 212, 512, 623, 624, 711, 715, and 718) - SD Drawings (P-1-D, P-2-A, P-2-B, P-2-C, and P-2-D) - SC-2, PC-3, PC-4	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Retention/Detention Sediment Basin(s)/Trap(s)	- SD SPECS (205 and 212) - SD Drawings (P-1-A, P-1-C, P-1-D, P-1-E, P- 4-A, and P-4-B) - SC-10	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Clear Water Diversion	- SD SPECS (N/A) - NS-5	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
		<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP

Stabilize Soils and Protect Slopes

BMP	Specification(s)	Check if Used	Implementation Schedule
Hydraulically Applied Erosion Control Products	- SD SPECS (212, 621, and 711) - EC-6	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Hydroseeding	- SD SPECS (621 and 711) - EC-7	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Soil Binders	- SD SPECS (212) - EC-8	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Straw Mulch	- SD SPECS (212, 621, and 711) - EC-9	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)

BMP	Specification(s)	Check if Used	Implementation Schedule
			Quantity of BMP
Wood Mulch	- SD SPECS (212, 621, and 711) - EC-10	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Geotextiles, Plastic Covers, and Erosion Control Blanket	- SD SPECS (212, 621, and 711) - EC-11	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Vegetation-Seeding	- SD SPECS (212 and 621) - EC-12	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Dust Control	- SD SPECS (104, 106, 107, 205, 212, 621, and 711) - EC-13	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Wind Erosion Control	- SD SPECS (205 and 212) - EC-14	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
		<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP

Protect Storm Drain Inlets

BMP	Specification(s)	Check if Used	Implementation Schedule
Inlet/Outlet Protection	- SD SPECS (212, 640, 711, and 718) - SC-6	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
		<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP

Establish Perimeter Controls and Sediment Barriers

BMP	Specification(s)	Check if Used	Implementation Schedule
Gravel Bag Barrier	- SD SPECS (212) - SC-3	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Sandbag Barrier	- SD SPECS (212) - SC-5	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Silt Fence	- SD SPECS (212 and 718) - SC-7	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP

BMP	Specification(s)	Check if Used	Implementation Schedule
Sediment Retention Fiber Rolls	- SD SPECS (N/A) - SC-8	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
		<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP

Retain Sediment On-Site

BMP	Specification(s)	Check if Used	Implementation Schedule
Sediment-Desilting Basin	- SD SPECS (212) - SD Drawings (P-1-C, P-1-D, P-4-A) - SC-9	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Retention / Detention Sediment Basin(s) / Trap(s)	- SD SPECS (205 and 212) - SD Drawings (P-1-A, P-1-C, P-1-D, P-1-E, P-4-A, and P-4-B) - SC-10	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
		<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP

Establish Stabilized Construction Exits and Temporary Haul Roads

BMP	Specification(s)	Check if Used	Implementation Schedule
Street Sweeping and Vacuuming	- SD SPECS (N/A) - SC-4	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Temporary Construction Entrances	- SD SPECS (104, 205, and 212) - SD Drawings (P-1-F) - SC-11	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Temporary Roads	- SD SPECS (104, 107, 205, and 212) - SC-12	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Entrance Outlet Tire Wash	- SD SPECS (621) - SD Drawings (P-3-E) -SC-13	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Temporary Stream Crossing	- SD SPECS (602) - NS-4	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
		<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP

Insert any required additional text or tables here

Section 3 - Good Housekeeping BMPs

All staging areas, material storage/stockpile sites, source sites, disposal/excess material/waste sites, haul roads, temporary roads, construction entrances and exits, and any other disturbed soil areas not defined within the contract documents must be approved by the Resident Engineer and have BMPs implemented prior to approved use. All sites require appropriate erosion, sediment, and pollution prevention control BMPs installed prior to initiation of construction and throughout the length of construction activities. The Contractor is responsible for attaching a record of Environmental Clearance/Approvals and for obtaining any permitting for any Contractor designated sites, including cultural resources, ESA, etc.

The following are material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to stormwater runoff. For the purposes of this plan and for any ITD projects, **Hazardous Material** is defined as “any material that poses harmful risks to human health and/or the environment. Includes any hazardous or toxic substance, waste, pollutant, or chemical regulated under the CAA, CWA, TSCA, and/or RCRA; a pollutant or contaminant as any substance likely to cause death, disease, abnormalities, etc. (CERCLA Sec. 101(33)); or those listed in 40 CFR 302. For ITD purposes, petroleum, lead paint, asbestos, and other substances will be considered hazardous materials, as identified in the scope of work”.

- An effort will be made to store only enough product required to complete the job
- All materials stored onsite will be stored in a neat, orderly manner in their appropriate containers and, if possible under a roof or other enclosure that minimizes contact with stormwater
- Products will be kept in their original containers with the original manufacturer’s label
- Substances will not be mixed with one another unless recommended by the manufacturer
- Whenever possible, all of the product will be used up before disposing of the container
- Manufacturer’s recommendations for proper use and disposal will be followed
- The site superintendent will inspect daily to ensure proper use and disposal of materials
- Tanks containing fuel will have secondary containment installed to contain any spilled material

Material Handling and Waste Management in Staging Areas

BMP	Specification(s)	Check if Used	Implementation Schedule
Staging and Materials Site Management	- SD SPECS (107) - SD Drawings (P-1-D, P-3-E, and P-5-A) - WM-1	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
Solid Waste Management	- SD SPECS (N/A) - WM-6	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
Concrete Curing	- SD SPECS (N/A) - NS-12	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
Material and Equipment Use Over Water	- SD SPECS (N/A) - NS-13	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
Concrete Finishing	- SD SPECS (N/A) - NS-14	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
Structure Demolition-Removal Over or Adjacent to Water	- SD SPECS (N/A) - NS-15	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
Material Delivery and Storage	- SD SPECS (N/A) - WM-2	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
Material Use	- SD SPECS (N/A) - WM-3	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)

BMP	Specification(s)	Check if Used	Implementation Schedule
Stockpile Management	- SD SPECS (N/A) - WM-4	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
		<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)

Solid and source site materials, excess materials, hazardous materials, vehicle equipment and maintenance, sanitary waste management, and waste in general shall be managed at designated staging and waste areas. Staging and waste areas should be located a minimum of 150-ft away from any water feature (including irrigation amenities or domestic water sources) or areas susceptible to stormwater or surface water movement.

Solid and source site materials, include but are not limited to, dedicated asphalt or concrete plants (where the manufacturing of asphalt or concrete will occur on-site), gravel pits, stockpiles, source sites, general construction materials, and excess materials. The Contractor shall use an approved licensed solid waste management company. The Contractor shall reuse and recycle trash, source materials, construction materials, and construction debris unless it is not usable. If it is not usable or cannot be recycled it will be considered solid waste. All solid waste materials, with the exception of source materials, will be collected and disposed of in a securely lidded dumpster and shall be covered and secured at night and during all precipitation events. Any leaky solid waste dumpster must be exchanged or replaced within 24-hours of confirmation. Collection and proper disposal of all leaking materials shall be the responsibility of the Contractor.

The Contractor shall arrange an adequate solid waste disposal schedule to ensure that there is adequate solid waste disposal capacity on-site at all times and that dumpsters do not overflow and are emptied on a regular basis. All solid waste materials shall be removed from the project site throughout the duration and after the project is completed. Solid waste materials shall not be buried, burned, or discharged from the site.

Designate Washout Areas

BMP	Specification(s)	Check if Used	Implementation Schedule
Liquid Waste Management	- SD SPECS (N/A) - WM-11	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Concrete Waste Management	- SD SPECS (N/A) - SD Drawings (P-5-B) - WM-9	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Entrance/Outlet Tire Wash	- SD SPECS (621) - SD Drawings (P-3-E) - SC-13	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
		<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP

Concrete waste procedures and practices are designed to minimize or eliminate the discharge of concrete waste materials to the storm drain systems or to watercourses. A wash station may also be required to prevent transporting noxious weeds and contaminated soils from a contaminated site to an uncontaminated site or road surface.

Covering or containing hazardous materials or washing contaminated equipment may be required. All vehicle and equipment cleaning and maintenance shall occur in a designated staging site/area and include a water pollution control

equipment wash down area that shall have secondary containment and protection through the use of berms or other erosion and sediment controls or BMPs to reduce or eliminate discharges of pollutants.

The Contractor shall avoid mixing excess amounts of fresh concrete or cement mortar on-site. Storage of dry and wet materials associated with concrete should be located a minimum of 150-ft upslope of any water feature (including irrigation amenities or domestic water sources) or area susceptible to stormwater or surface water movement. The Contractor shall **Never** dispose of concrete, grout, or cement mortar washout into a watershed, water feature, or area susceptible to stormwater or surface water movement. Wash out concrete transit mixers only in designated washout areas. The Contractor shall design a temporary concrete washout station (s) as per ITD Standard Drawing P-5-B. All hardened concrete, grout, or cement mortar waste, including waste generated during equipment cleaning and QA/QC testing, shall be collected and transported to an approved licensed solid waste disposal/processing or recycling site by the Contractor.

Establish Proper Equipment/Vehicle Fueling and Maintenance Practices

BMP	Specification(s)	Check if Used	Implementation Schedule
Vehicle and Equipment Fueling	- SD SPECS (N/A) - SD Drawings (P-5-E) - NS-9	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Vehicle and Equipment Maintenance	- SD SPECS (N/A) - NS-10	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Pile Driving Operations	- SD SPECS (N/A) - NS-11	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
		<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP

Drip pans and drip cloths shall be used to drain and replace fluids. Spill prevention kits shall be located on site at all times and readily available in case of a leak, spill, or discharge and used when needed to contain and minimize unwanted and unnecessary leak, spill, or discharge impacts.

Fueling activities should be located at least 150’ away from surface water features. If site features do not allow this minimum setback, additional controls may be necessary. Additionally, if more stringent standards are required by permitting agencies or local entities, those standards shall be met.

Vehicles and construction equipment shall be monitored for leaks and receive regular preventative maintenance, and fueled on site using a portable service truck with a portable fuel tank or temporary storage tanks. Fueling shall occur within a hazardous materials containment staging area as approved by the Resident Engineer.

Fueling and/or Maintenance Activity	Practices to be Implemented to Control Spills and/or Exposure to Stormwater

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Add additional rows as needed by hitting Tab in the last cell of the table

Sanitary Waste BMPs

BMP	Specification(s)	Check if Used	Implementation Schedule
Sanitary-Septic Waste Management	- SD SPECS (N/A) - WM-10	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP

Sanitary and Septic Waste procedures and practices are used to minimize or eliminate the discharge of construction site sanitary/septic waste materials to the storm drain system or to watercourses. Sanitary/septic waste management practices are implemented on all construction sites that use temporary or portable sanitary/septic waste systems. Temporary portable toilets from an approved licensed sanitary waste company shall be used during the duration of the project and maintained and cleaned as needed. Portable toilets shall be located at designated staging areas and have secondary containment in case of a leak, spill, or discharge. All sanitary waste will be collected from the portable units a minimum once per week. Placement and removal of all portable toilets shall be the responsibility of the Contractor.

Contaminated Soil BMPs

BMP	Specification(s)	Check if Used	Implementation Schedule
Contaminated Soil Management	- SD SPECS (N/A) - WM-8	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)

Prior to construction or soil disturbance, ITD shall inspect the site for physical contamination. During the construction phase, if the Contractor detects evidence of contamination, or encounters leaks, spills, or discharges are detected, contaminated soils and water should be contained and held for testing whenever contamination is suspected. Any specific contaminant known to exist or that is discovered on site and which has contaminated soil or has the potential to contaminant soil and/or drainages or water features (including irrigation amenities or domestic water sources) shall be reported to the Resident Engineer immediately. The Resident Engineer will coordinate clean-up of contaminated soils with the Idaho Communications Center (Statecom) at 1-800-632-8000.

Allowable Non-Stormwater Discharge Management and Equipment/Vehicle Washing

Non-stormwater (dust control water, water used in road grading, irrigation drainage, springs or ground water dewatering, etc) may combine with stormwater and be present in the discharge at this site. All water shall be treated in the same manner as stormwater runoff. The same BMPs used in this PPP for stormwater runoff shall be implemented to reduce non-stormwater impacts and limit non-stormwater discharges. The use of soap, solvents, and degreasers is specifically prohibited for cleaning use. Uncontaminated water discharge from dust control, dust abatement activities, and water used in road grading or excavation activities and compaction shall not reach waters of the United States.

The following incidental non-stormwater from the sources marked below may combine with stormwater and be present in the discharge at this site.

- Hydrant or Water Line Flushing
- Vehicle Wash-Down Water
- Dust Control Water
- Irrigation Drainage (including landscape)
- Spring or Groundwater

- Air Conditioner Condensate
- Uncontaminated Foundation or Footing Drains
- Pavement or Building Wash Water
- Uncontaminated Excavation Dewatering (without detergents)
- Potable Water
- No Known Non-Stormwater Sources Apparent

List allowable non-stormwater discharges marked above and the measures used to eliminate or reduce them and to prevent them from becoming contaminated:

Allowable Non-Stormwater Discharges	Measures to be Implemented to Eliminate or Reduce Contamination

Add additional rows as needed by hitting Tab in the last cell of the table

Non-Stormwater BMPs

BMP	Specification(s)	Check if Used	Implementation Schedule
Water Conservation Practices	- SD SPECS (106 and 205) - NS-1	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
Dewatering Operations	- SD SPECS (N/A) - NS-2	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
Paving and Grinding Operations	- SD SPECS (203) - NS-3	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
Potable Water-Irrigation Management	- SD SPECS (N/A) - NS-7	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
Vehicle and Equipment Cleaning	- SD SPECS (N/A) - SD Drawings () - NS-8	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
Freeze Reduction	- SD SPECS (N/A) - NS-16	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
Snow Management	- SD SPECS (N/A) - EC-15	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
Snow Accumulation Management	- SD SPECS (N/A) - EC-16	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
		<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)

Spill Prevention and Control BMPs

All ITD projects shall follow the Idaho Hazardous Materials/WMD Incident Command and Response Support Plan and ITD Incident Management Plan. In addition, a project Spill Plan shall be provided by the Contractor, and should be

included in **Appendix B**. The ITD BMPs listed below also contain guidance on waste management, spill prevention and control, and cleanup.

BMP	Specification(s)	Check if Used	Implementation Schedule
Spill Prevention and Control	- SD SPECS (N/A) - WM-5	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
Hazardous Waste Management	- SD SPECS (N/A) - WM-7	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
Illicit Connection-Illegal Discharge Detection and Reporting	- SD SPECS (N/A) - NS-6	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)
		<input type="checkbox"/>	Date to be Implemented Location (Stations or MP)

Per 40 CFR 112, if petroleum products stored at the construction site aggregate 1,320 gallons or more, a Spill Prevention, Control, and Countermeasure Plan (SPCC) plan will be required.

Section 4 - Permanent Erosion or Sediment Control BMPs

Permanent erosion and sediment control BMPs shall be designated and referenced on the project bid plans in association to their placement locations and amounts, lengths, and types used and as specified by the Engineer. The following permanent erosion and sediment control BMPs or combination of control BMPs will be installed and used to collect, retain, and treat stormwater runoff and pollutant discharges and to provide permanent stabilization of disturbed soils per ITD PPP requirements. In the table provided below, check the boxes of the BMPs that will be used on your project and insert implementation/installation times. Delete the BMPs that will not be used, or leave unchecked.

BMP	Specification(s)	Check if Used	Implementation Schedule
Channel Protection - Check Dams	- SD SPECS (212) - SD Drawings (P-2-B) - PC-1	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Sheet Flow to Buffers	- SD SPECS (N/A) - PC-2	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Channel Protection-Flexible Liners	- SD SPECS (212 and 624) - SD Drawings (P-2-A and P-2-C) - PC-3	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Channel Protection-Rigid Channel Liners	- SD SPECS (209 and 623) - SD Drawings (P-2-D) - PC-4	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Dikes and Berms	- SD SPECS (205, 209, and 212) - SD Drawings (P-1-E and P-1-F) - PC-5	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Dry Swale	- SD SPECS (N/A) - PC-6	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP

BMP	Specification(s)	Check if Used	Implementation Schedule
Wet Swale	- SD SPECS (N/A) - PC-7	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Geosynthetics	- SD SPECS (640 and 718) - PC-8	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Surface Sand Filter	- SD SPECS (N/A) - PC-9	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Subsurface Sand Filter	- SD SPECS (N/A) - PC-10	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Perimeter Sand Filter	- SD SPECS (N/A) - PC-11	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Organic Filter	- SD SPECS (N/A) - PC-12	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Pocket Sand Filter	- SD SPECS (N/A) - PC-13	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Bioretention	- SD SPECS (N/A) - PC-14	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Inlet-Outlet Protection	- SD SPECS (212, 608, 609, 640, 711, 718) - SD Drawings (D-1-A, D-1-B, P-1-A, P-1-H, and P-2-F) - PC-15	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Interceptor Ditches	- SD SPECS (208 and 209) - PC-16	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Retaining Walls	- SD SPECS (210 and 512) - PC-17	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Stormwater Basins	- SD SPECS (205 and 212) - SD Drawings (P-1-C and P-4-A) - PC-18	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Extended Detention Basin with Micropool	- SD SPECS (N/A) - PC-19	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Wet Basin	- SD SPECS (N/A) - PC-20	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP

BMP	Specification(s)	Check if Used	Implementation Schedule
Wet Extended Detention Basin	- SD SPECS (N/A) - PC-21	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Shallow Wetland	- SD SPECS (N/A) - PC-22	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Extended Detention Shallow Wetland	- SD SPECS (N/A) - PC-23	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Pond Wetland System	- SD SPECS (N/A) - PC-24	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Pocket Wetland	- SD SPECS (N/A) - PC-25	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Sediment Control Box	- SD SPECS (605 and 609) - SD Drawings (E-6-A-F, P-1-H, P-3-A, P-3-B, and P-3-D) - PC-26	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Infiltration Trench	- SD SPECS (N/A) - PC-27	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Infiltration Basin	- SD SPECS (N/A) - PC-28	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Slope Drains - Chutes - Flumes	- SD SPECS (208, 212, 409, 606, 607, and 609) - SD Drawings (D-1-A, D-1-B, and P-2-D) - PC-29	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Rock Armor / Mulch – Turf Reinforced Mat	- SD SPECS (N/A) - PC-30	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Serrations / Roughening	- SD SPECS (205) - ITD Design Manual Sec. 5.6 - PC-31	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Terraces / Benching	- SD SPECS (205) - ITD Design Manual Sec. 5.6 - PC-32	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Topsoil Management	- SD SPECS (213 and 711.09) - PC-33	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Vegetation-Seeding	- SD SPECS (621, 711.05, 711.12, 711.06) - PC-34	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP

BMP	Specification(s)	Check if Used	Implementation Schedule
Vegetation-Planting	- SD SPECS (620 and 711.06) - PC-35	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Water Quality Inlet / Oil Grit Separator	- SD SPECS (N/A) - PC-36	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Street Sweeping	- SD SPECS (N/A) - PC-37	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Deep Sump Catch Basin	- SD SPECS (N/A) - PC-38	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
On-line Storage in Storm Drain Network (Vaults)	- SD SPECS (N/A) - PC-39	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Porous Pavements	- SD SPECS (N/A) - PC-40	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
Proprietary Manufactured Systems	- SD SPECS (N/A) - PC-41	<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP
		<input type="checkbox"/>	Date to be Implemented Location (Stations or MP) Quantity of BMP

Section 5 - Inspection and Maintenance Requirements

Inspections

- Contractor shall inspect and maintain all structural and non-structural control measures for functionality as required by the contract
- Conduct inspections using the inspection and corrective action log form in the Appendix
- Completed, certified, and executed Inspection Forms serve as a Corrective Action Log for ITD projects. These forms should be retained along with this PPP in **Appendix C**

All BMP deficiencies identified during the inspection, or any inadequacies related to the PPP, must be corrected as soon as possible but never later than 7 days after the inspection.

Maintaining an Updated PPP Plan

Changes to the PPP must be documented and may include any one of the following:

- Construction methods
- Operation methods
- Design of the project (including civil plan sheets)

In the field change orders
Maintenance or inspection procedures
Staging sites
Material source sites/stockpile sites
Disposal/excess material/waste sites
Haul roads, temporary roads, and locations where vehicles travel and enter or exit staging areas and construction sites
Implementation and maintenance of BMPs
Stormwater discharge locations
Sequencing/scheduling changes
Impacts to wetlands or sensitive areas
Changes in personnel

All of these can result in the need for additional BMPs, and therefore a PPP update.

The sole objective of all modifications is to keep the PPP concurrent to existing on-the-ground conditions and to eliminate erosion and sediment impacts, as well as other pollutant impacts that could potentially result from the project. All modifications to the PPP shall be documented in **Appendix C** through the completion of inspections reports that shall serve as the corrective action log on this project.

Section 6 - Recordkeeping

Low Erosivity Waiver

If this PPP is being prepared in lieu of a Stormwater Pollution Prevention Plan based on the applicability of obtaining a Low Erosivity Waiver for the project, a copy of ITD, the Contractor, and any applicable local entity filing for a Low Erosivity Waiver (LEW) should be included in **Appendix D**. Guidance on the applicability of the LEW on your project can be found at the following website: <http://water.epa.gov/polwaste/npdes/stormwater/Welcome-to-the-Rainfall-Erosivity-Factor-Calculator.cfm>

Attention should be given to the expirations date on the LEW.

Inspections

Completed, certified, and executed Inspection Forms serve as a Corrective Action Log for ITD projects. These forms should be retained along with this PPP in **Appendix C**.

Section 7 - Certification and Notification

LHTAC Representative's Printed Name Karissa Neson	Title LHTAC Environmental Engineer	Signature	Approval Date
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Contractor Certification Statement

As an operator, I certify that this Pollution Prevention Plan (PPP) narrative 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. As an operator, I certify that I understand requirements of the Clean Water Act as it relates to my activities and will, to the maximum extent practicable, implement BMPs to minimize release of pollutants into the environment.

Contractor's Printed Name	Title	Signature	Date
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Place all signed copies of the Subcontractor Certification/Agreement form in **Appendix E**.

Appendices

Appendix A – PPP Plan Sheets and Site Maps

Appendix B – Basic Spill Prevention and Control Plan Language

In addition to all the erosion and sediment control BMPs, non-stormwater BMPs, and good housekeeping BMPs discussed in the this PPP plan, the minimum following information will be provided by the Contractor for Spill Prevention and Cleanup:

- 1) Contact information for Contractor's designated Spill Coordinator for the project. This person must have authority to mobilize equipment, personnel, and materials in the event of a spill or discharge.
- 2) Documentation of training and/or education on spill response and cleanup.
- 3) Description of the location and content of spill kits on the project site.

Appendix C – Executed Inspection Reports/Corrective Action Log

Appendix D – Low Erosivity Waivers (if applicable)

Appendix E – Subcontractor Certifications/Agreements

Subcontractor Certification for Pollution Prevention Plan

Project Number	Project Name	Operator(s)
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As a subcontractor, you are required to comply with the Pollution Prevention Plan (PPP) for any work that you perform on-site. Any person or group who violates any condition of the PPP may be subject to substantial penalties or loss of contract. You are encouraged to advise each of your employees working on this project of the requirements of the PPP. A copy of the PPP is available for your review at the office trailer.

Each subcontractor engaged in activities at the construction site that could impact stormwater must be identified and sign the following certification statement:

I certify under the penalty of law that I have read and understand the terms and conditions of the PPP for the above designated project and agree to follow the BMPs and practices described in the PPP.

This certification is hereby signed in reference to the above named project.

Company Name	Address	City	State	Zip Code
Telephone Number	Construction Service to be Provided			
Printed Name	Title	Signature	Date	