

## STORM WATER POLLUTION PREVENTION PLAN (SWPPP) REVIEW CHECKLIST FOR HDOT CONTRACT PROJECTS



The Contractor shall use this checklist to develop the project's Storm Water Pollution Prevention Plan (SWPPP) for DOT-HWY projects. DOT-HWY will also use this checklist to review the SWPPP. Not all items are applicable and the size/scope of each project should be considered when using this checklist and when designing the BMPs. SWPPPs shall identify the activities and measures to be implemented on the project to eliminate, minimize, or mitigate pollutants that are expected to be present during the course of the project.

Project Name:							
Project No.:							
Contractor Co	mpany:						
Prepared by (Contractor Personnel): Preparation Date:			Submitted by (Contractor Personnel): Contractor Signature:				
Fill out the che	ecklist, as applicable.						
1.0 PEI	RMITS						
Indicate which permits apply to the project. Ensure that the SWPPP meets all the requirements for the applicable permits.  If multiple permits are required for the project, ensure that BMPs are consistent for all permits. Copies of Federal, State, and County permits should be included in SWPPP.		Contractor Completed  Permit Applicable?/ Date Acquired/Permit No.		DOT-HWY Verify ( <i>Date</i> )	Comments		
	of General Permit Coverage (NGPC) for Storm Associated with Construction Activities (NPDES						
1.2 NGPC form F)	or Discharge of Hydrotesting Waters (NPDES						
	or Construction Activity Dewatering Effluent Form G)						
1.4 Individu Stormw	ual NPDES Permit (NPDES Form C – Construction vater)						
1.5 Individu	ual NPDES Permit (NPDES Form F - Hydrotesting)						

1.0	PERMITS				
1.6	Individual NPDES Permit (NPDES Form G - Dewatering)				
1.7	Section 401 Water Quality Certification (WQC)				
1.8	Section 404 Department of the Army (DA) Permit				
1.9	Coastal Zone Management (CZM) Permit				
1.10	Special Management Area (SMA) Permit				
1.11	Stream Channel Alterations Permit (SCAP)				
1.12	City and County Grading Permit				
1.13	City and County Stockpiling Permit				
1.14	City and County Trenching Permit				
1.15	Drainage System Owner's Approval to Discharge				
1.16	Other – (list)				
*A SWPPP shall be prepared for all construction projects, regardless of size, scope, and type; however, the size, scope, and type of project should be considered when developing the SWPPP. The following sections are general guidelines for the preparation and review of a SWPPP.  7.0 IMPORTANT DOCUMENTS AND REFERENCES					
	ontractor has read and understands the following importa				
	eference material, as applicable. Use the latest version of P shall fully meet the requirements of the following as not		Contractor Completed	DOT-HWY Verify ( <i>Date</i> )	Comments
/ .0.					
НС	OT Construction Best Management Practices Field Manual				
HD	OT Standard Specifications and Special Provisions (Section	s 107.17 and 209)			
Wa	iter Pollution and Erosion Control Notes in Plans				

7.0 IMPORTANT DOCUMENTS AND REFERENCES			
NPDES Requirements for Permit Projects Within State Highway Right-of-Way Notes			
Hawaii Administrative Rules (HAR) Chapter 11-55, Appendix C, NPDES General			
Permit Authorizing Discharges of Storm Water Associated with Construction Activity			
HAR Chapter 11-54 Water Quality Standards			
Other applicable requirements of the Hawaii NPDES Permit program			
City & County of Honolulu, Rules Relating to Water Quality			
7.2.1 STORM WATER TEAM			
SWPPP Section 7.2.1 - Storm Water Team			
Identify personnel that are part of the Storm Water Team and their individual			
responsibilities. All personnel on the Storm Water Team shall be trained and a record	Contractor	DOT-HWY	
of their training shall be provided in the SWPPP. The SWPPP shall be readily available	Completed	Verify (Date)	Comments
at the project site and it should be accessible to all Storm Water Team personnel.		, J (	
Identify Contractor Personnel that are part of the Storm Water Team.			
action of the second of the se			
List responsibilities for each Contractor Personnel on the Storm Water Team.			
			I
7.2.2 NATURE OF CONSTRUCTION ACTIVITIES			
SWPPP Section 7.2.2 - Nature of Construction Activities	Contractor	DOT-HWY	
Verify that the following information is provided in the SWPPP. If not, provide.	Completed	Verify ( <i>Date</i> )	Comments
	00	(2 4.10)	
Function of the construction activity (i.e. residential, commercial, industrial, road			
construction, linear utility, etc.).			
Total size (in square feet and acres) of project, including disturbed areas, as well as			
areas that will not be disturbed.			
Limits of disturbance, size in square feet and acres.			
Size of area (in square feet and acres) used for construction support activities (i.e.,			
staging areas).	<u> </u>		
Maximum area expected to be disturbed at any one time.			

7.2.4 I	DENTIFICATION OF PRIME CONTRACTOR AND OTHER SITE CONT	RACTORS		
	ion 7.2.4 - Identification of Prime Contractor and Subcontractors			
	Prime Contractor and all Subcontractors working on the project. Indicate	Contractor	DOT-HWY	Comments
their primar	y contact person and provide contact information.	Completed	Verify ( <i>Date</i> )	G 6.11.11.51.11.5
Lict Drim	ne Contractor and Contact Person and Contact Information.			
LISCFIIII	ie Contractor and Contact Person and Contact Information.			
List Subc	contractors and Contact Person and Contact Information.			
Provide	maps showing areas of Contractor/Subcontractor Control in SWPPP			
Attachm				
	te and attach a Subcontractor Certification/Agreement for each			
Subconti	ractor in SWPPP Attachment D – Subcontractor Certification/Agreements.			
	CONSTRUCTION PHASES – SEQUENCE AND ESTIMATED DATES OF	f construc <sup>*</sup>	TION ACTIVITIES	
	ion 7.2.5 - Sequence and Estimated Dates of Construction Activities			
	PM and Construction Schedule in SWPPP Attachment C– Construction	Contractor	DOT-HWY	
	r the entire duration of the project and include, at a minimum, the	Completed	Verify ( <i>Date</i> )	Comments
following:			-	
7.2.5.1	Date when SWPPP, including erosion control measures will be			
	implemented.			
	Commencement and duration of construction activities, e.g. earth-			
	disturbing activities, including clearing and grubbing, mass grading, site			
	preparation (i.e., excavating, cutting and filling), final grading, and creation			
	of soil and vegetation stockpiles requiring stabilization.			
	Cessation, temporarily, or permanently, of construction activities on the			
	site, or in designated portions of the site.			
	Final or temporary stabilization of areas of exposed soil.			
	Removal of temporary storm water conveyances/channels and other			
	storm water control measures, removal of construction equipment and			
	vehicles, and cessation of any pollutant-generating activities.			

7.2.6	7.2.6 SITE MAP				
7.2.6.1 E	Existing and Proposed Site Features				
The following shall be included plans. The (	tion 7.2.6.1 – Property Boundary Maps  ng site boundaries and the locations where construction activities will occur uded on the plans. Some of these features may be included on the design Contractor shall provide this information as applicable. Complete SWPPP 6.1 Property Boundary Maps and provide referenced plans in SWPPP A.	Contractor Completed	DOT-HWY Verify ( <i>Date</i> )	Comments	
*References	s to HAR Chapter 11-55 Appendix C				
7.2.6.1.a*	Locations where earth-disturbing activities will occur, noting any sequencing of construction activities (SWPPP Section 7.2.6.1, Item b.).				
7.2.6.1.b*	Approximate slopes before and after major grading activities and drainage patterns with flow arrows, noting areas of steep slopes (SWPPP Section 7.2.6.1, Item c., d., and e.).				
7.2.6.1.c*	Locations where sediment, soil, or other construction materials will be stockpiled (SWPPP Section 7.2.6.1, Item f.).				
7.2.6.1.d*	Locations of any contaminated soil or contaminated soil stockpiles (SWPPP Section 7.2.6.1, Item g.).				
7.2.6.1.e*	Locations of any crossings of State Waters (SWPPP Section 7.2.6.1, Item h.).				
7.2.6.1.f*	Locations of designated points on the site where vehicles will exit onto paved roads (SWPPP Section 7.2.6.1, Item i.).				
7.2.6.1.g*	Locations of structures and other impervious surfaces upon completion of construction. Including existing and proposed roads, curbs, gutters, storm drains, inlets, buildings, signs, sidewalks, traffic signals, light standards, guardrails, and other structures (SWPPP Section 7.2.6.1, Item j.).				

7.2.6.1.h Construction Staging and Storage Areas				
Locations of Construction Support Activity areas, including Construction Staging Areas and Storage Areas to include, but not limited to, equipment staging yards/areas, material storage areas, stockpile areas, concrete washout areas, areas where portapotties and construction trailers are located. Provide location of Construction Support Activity Areas in SWPPP Section 7.2.6.1, Item k., and include a plan of the area and proposed BMPs in SWPPP Attachment A. Construction staging and storage areas are required to meet all applicable BMP requirements.		Contractor Completed	DOT-HWY Verify ( <i>Date</i> )	Comments
Show location of Construction Staging and Storage A shall provide a plan for all staging areas.	reas on the plans. Contractor			
Are there construction staging and storage areas loc limits? Staging Areas located outside of the project limits m If yes, indicate where they are located:				
Are the following practices and situations included on the Staging and Storage Areas on the project?	plans for all Construction	Contractor Completed	DOT-HWY Verify ( <i>Date</i> )	Comments
Flow arrows				
Location of drain inlets within staging area and affected by staging area				
Perimeter control	SC-1, SC-8, SC-13, SC-14			
Stockpile locations	SM-4, SM-21			
Stabilized construction site entrance	EC-2			
Material storage	SM-2			
Sanitary/septic waste management and secondary containment	SM-7			
Vehicle and equipment storage and maintenance	SM-12			
Hazardous materials handling	SM-9			
Other BMPs	-,			

7.2.6.2 Existing and Proposed Site Features – State Waters				
SWPPP Section 7.2.6.2 to 7.2.6.8 - State Waters and BMP Maps, Item a.  These features shall be included in the SWPPP. Provide a map in SWPPP Attachment A and include the site features:	Contractor Completed	DOT-HWY Verify ( <i>Date</i> )	Comments	
Perennial and intermittent streams or other surface waters.				
Location and boundaries of resource protection areas such as wetlands, lakes, ponds, and other setbacks (e.g. stream buffers, drinking water well setbacks, septic setbacks).				
Locations of all state waters, including wetlands that exist within or in the immediate vicinity of the site and indicate which waterbodies are listed as impaired.				
7.2.6.3 Boundary Lines of Any Natural Buffers  NPDES Permitted SWPPP Section 7.2.6.2 to 7.2.6.8 - State Waters and BMP Maps,				
Item b. This requirement applies only when a State Water is located within 50 feet of the project's earth disturbances (including staging areas). Provide map in SWPPP Attachment A showing the following:	Contractor Completed	DOT-HWY Verify ( <i>Date</i> )	Comments	
Permitted Show location of all boundary lines of any natural buffers (see HAR 11-55, Projects Appendix C 5.1.2.1.1).				
7.2.6.4 Topography of the Site, Existing Vegetative Cover, and Drainage Pattern(s)	Г	T		
SWPPP Section 7.2.6.2 to 7.2.6.8 - State Waters and BMP Maps, Item c. These features shall be included in the SWPPP. Provide a map in SWPPP Attachment A and include the site features:	Contractor Completed	DOT-HWY Verify ( <i>Date</i> )	Comments	
Existing and proposed topography features.				
Location of internal swales, ditches, and other drainage facilities.				
Flow paths for both existing and proposed topography.				
Boundaries of existing predominant vegetation and proposed limits of clearing and grubbing				

7.2.6.5 Storm Water Discharge Locations			
SWPPP Section 7.2.6.2 to 7.2.6.8 - State Waters and BMP Maps, Item d.			
These features shall be included. Provide a map in SWPPP Attachment A and include	Contractor	DOT-HWY	Comercial
the site features:	Completed	Verify ( <i>Date</i> )	Comments
	·	<b>,</b> ,	
Show locations of any storm drain inlets on the site and in the immediate vicinity			
of the site to receive storm water runoff from the project.			
Show locations where storm water will be discharged to State Waters.			
gg			
Show location of floodplain/floodway limits and downstream properties and			
drainages.			
Location of features outside the project limits that may be affected by storm			
water discharges from the project.			
. ,	•		
7.2.6.6 Potential Pollutant-Generating Activities			
SWPPP Section 7.2.6.2 to 7.2.6.8 - State Waters and BMP Maps, Item e.	Combractor	DOT LIMIV	
The following site features should be included on the plans in SWPPP Attachment A.	Contractor	DOT-HWY	Comments
	Completed	Verify ( <i>Date</i> )	
Show location of all potential pollutants and pollutant-generating activities.			
Is construction phased? If yes, show the phases and refer to the plan in the			
various sections of the SWPPP.			
7.2.6.7 Storm Water Control Measures			
SWPPP Section 7.2.6.2 to 7.2.6.8 - State Waters and BMP Maps, Item f.	Contractor	DOT-HWY	
The following site features should be included on the plans in SWPPP Attachment A.		_	Comments
	Completed	Verify ( <i>Date</i> )	
Show location of storm water control measures (BMPs).			
Is construction phased? If yes, show BMPs for each phase on the Site-Specific			
BMP Plan.			

7.2.6.8 Storage and Use of Chemicals			
SWPPP Section 7.2.6.2 to 7.2.6.8 - State Waters and BMP Maps, Item g.			
Provide the locations where chemicals will be used and stored on the plans in SWPPP	Contractor	DOT-HWY	Comments
Attachment A and by completing the table.	Completed	Verify ( <i>Date</i> )	germinerite
Compulate the table identifying the abomicals that will be used on the project leastion			
Complete the table identifying the chemicals that will be used on the project, location where they will be stored, and the Major Construction Activity which will require use of			
the chemical.			
Identify location on the plans where chemical will be stored.			
rachting resultent ent the plans where enermed will be stored.			
7.2.7 CONSTRUCTION SITE POLLUTANTS			
SWPPP Section 7.2.7 - Construction Site Pollutants			
For each pollutant-generating activity, an inventory of pollutants or pollutant			
constituents (e.g., sediment, fertilizers, and/or pesticides, paints, solvents, fuels)	Contractor	DOT-HWY	0
associated with that activity, which could be exposed to rainfall and be discharged	Completed	Verify ( <i>Date</i> )	Comments
from the construction site shall be listed. Take into account where potential spills and leaks could occur that contribute pollutants to storm water.		-	
leaks could occur that contribute pollutarits to storm water.			
Complete the table by identifying potential pollutants generated by the project's			
Major Construction Activities, and provide a Description of how the potential			
pollutant source will be prevented from Discharging with Storm Water Runoff.	<u> </u>		
7.2.8 SOURCES OF NON-STORM WATER			
SWPPP Section 7.2.8 - Sources of Non-Storm Water			
Identify all sources of non-storm water and information, including, but not limited to,	Contractor	DOT-HWY	Comments
the design, installation, and maintenance of control measures to prevent its discharge.	Completed	Verify ( <i>Date</i> )	33
Complete the table by identifying non-starm water natential nellytents generated			
Complete the table by identifying non-storm water potential pollutants generated by the project's Major Construction Activities and provide a description of how			
potential non-storm water pollution sources will not discharged to State Waters.			
Does the project require Dewatering operations?			
Does the project require bewatering operations:			
Does the project require Hydrotesting operations?			

7.2.9 BUFFER DOCUMENTATION (PERMIT	TED PROJECTS)				
SWPPP Section 7.2.9 - Buffer Documentation			Contractor	DOT-HWY	
This requirement applies only when a State Water is lo		9	Completed	Verify ( <i>Date</i> )	Comments
project's earth disturbances (including staging areas ar			oompieted	Verny (Date)	
Is the project construction activities, including pro		50			
feet of State Waters? If yes, follow the directions		1			
Indicate the compliance alternative by completing indicate which option(s) and/or exception(s) apply					
indicate which option(s) and/or exception(s) apply	<u>y.</u>				
7.2.10 STORM WATER CONTROL MEASURES					
SWPPP Section 7.2.10 Storm Water Control Measures					
Complete SWPPP Section 7.2.10 and complete the ta		wate	r control measu	res (Site-Specific BM	IPs) that will be implemented on the
project and indicated the applicability of the Pollut	ant Sources and BMP re	eauire	ments specific	for the project. Re	efer to the HDOT Construction Best
Management Practices (BMP) Field Manual for BMP					
proposed BMPs.	•		•		G
7.2.10 Sediment Control/Erosion Control Practice	S				
Which of the following Sediment Control Practices are	being used for this project	? Inc	lude others as ap	pplicable.	
<ul> <li>Location of potential sediment sources</li> </ul>	SM-15		Wattles		
☐ Dust control	SM-18		Matting rolls		EC-7
☐ Stabilized construction entrance/exit	EC-2		Storm drain inle	et protection	SC-2
☐ Entrance/exit equipment tire wash	EC-2		Outlet protection	on	SC-4
☐ Temporary stream crossing	EC-3		Sand bag barrie	r	SC-13
☐ Flared culvert end sections	EC-4		Brush or rock fil	ter	SC-14
☐ Soil binders, including acrylic polymers	EC-6		Sediment trap		SC-15
☐ Does on-site drainage enter off-site drainage	EC-8		Temporary sedi	ment basin	SC-16
☐ Slope roughening/terracing/rounding	EC-9		Shoveling, swee	eping, and disposing	EC-2, SM-6, SM-8
☐ Silt fence	SC-1				
Other BMPs – Describe:					
			Contractor	DOT-HWY	Comments
			Completed	Verify ( <i>Date</i> )	Comments
Do the plans address or include the practices and situation	tions selected above?				
Do the plans include installation/application procedures and requirements for the					
practices and situations selected above?	•				
Do the plans include installation/application timelines	for the practices and situa	tions			
selected above?					

7.2.10.2 Stabilization Practices					
SWPPP Section 7.2.10.2 – Stabilization Practices					
Which of the following Stabilization Practices are being	g used for this project? Id	entify	the specific vege	tative and/or non-ve	egetative practices that will be used.
☐ Protection of stockpiles	SM-4			stic covers, turf rein	
			mats, and/or er	osion control blanke	ets/mats
☐ Preservation of existing vegetation	SM-16		Velocity reducti	on devices in flow p	ath SC-4
☐ Topsoil management	SM-21		Temporary drain lined ditches	ns, swales, earth dik	ces, and/or SC-6, SC-7
☐ Bank Stabilization	EC-5, EC-7		Slope drains, su	bsurface drains	SC-11
☐ Stabilized construction entrance	EC-2		Top and toe of s	slope diversion ditch	nes/berms SC-12
☐ Mulching, seeding, and/or planting	EC-5, EC-7				
		1	Contractor Completed	DOT-HWY Verify ( <i>Date</i> )	Comments
Do the plans address or include the practices and situation	tions selected above?				
Do the plans include installation/application procedure	es and requirements for th	he			
practices and situations selected above?					
Do the plans include installation/application timelines	for the practices and situa	ations			
selected above?					
7.2.10.3 Post Construction Measures					
SWPPP Section 7.2.10.3 - Post Construction Measures  Do the plans address or include the following practices			Contractor Completed	DOT-HWY Verify ( <i>Date</i> )	Comments
Measures that will minimize the discharge of pollutant after construction operations have been finished.	s via storm water dischar	ge			

7.2.11 SPILL PREVENTION AND RESPONSE PROCEDURES					
7.2.11.1 Spill Prevention and Response Procedures	;				
SWPPP Section 7.2.11.1 Spill Prevention and Response	onse Procedures				
The Spill Prevention and Response Procedures are incl	uded in SWPPP Attachment F	Contractor	DOT-HWY	Comments	
and includes a Spill Prevention and Control Plan and E	mergency Spill Response Plan	Completed	Verify ( <i>Date</i> )	Comments	
Spill Prevention and Control Plan	SM-10				
Emergency Spill Response Plan (Contractor to					
provide Emergency Contact Information).					
Spill Cleanup Emergency Response Contractor.					
7.2.11.2 Waste Management Procedures					
SWPPP Section 7.2.11.2 Waste Management Proce					
The Waste Management Procedures are included in St	WPPP Attachment G.	Contractor Completed	DOT-HWY	Comments	
			Verify ( <i>Date</i> )	Comments	
Do the plans address or include the following practice:					
Solid Waste Management	SM-6				
Sanitary/Septic Waste Management	SM-7				
Hazardous Waste Management	SM-9				
Liquid waste management with storage					
containment devices					
Contaminated soil management	SM-8				
Herbicide/fungicide management	SM-3, SM-9				
Pesticide application	SM-3				
Is a Solid Waste Disclosure Form included in the	BMP Plan/SWPPP? (Attachment				
G). Does the plan indicate where all solid waste					
disposed of? This includes dirt, sediment, green	waste, rocks, concrete slurry,				
asphalt, cold-planed material, base course, etc.					
Litter Management Plan (SWPPP Attachment G)					

7.2.12 PROCEDURES FOR INSPECTION, MAINTENANCE, AND CORRECTIVE ACTION				
	tion 7.2.12 - Procedures for Inspection, Maintenance, and Corrective	Contractor	DOT-HWY	Comments
<u>Action</u>		Completed	Verify ( <i>Date</i> )	Comments
7.2.12.a	List personnel responsible for conducting inspections.			
7.2.12.b	Show location of the rain gauge and map of rain gauge location and indicate when it is checked each day.			
7.2.12.b	Review inspection schedule requirements.			
7.2.12.c	Review inspection or maintenance checklists or other forms (Inspection Reports provided in SWPPP Attachment E).			
7.2.13	STAFF TRAINING			
SWPPP Section 7.2.13 - Staff Training Provide documentation in SWPPP Attachment B – Training Log that the personnel performing the duties listed below have been trained as described in SWPPP Section 7.2.13 Staff Training. Provide the training documentation for the following individuals:		Contractor Completed	DOT-HWY Verify ( <i>Date</i> )	Comments
7.2.13.1	Personnel	•		
7.2.13.1.a	Personnel responsible for design, installation, maintenance, and/or repair of storm water controls.			
7.2.13.1.b	Personnel responsible for the application and storage of chemicals.			
7.2.13.1.c	Personnel who are responsible for conducting inspections.			
7.2.13.1.d	Personnel who are responsible for taking corrective actions.			
7.2.13.2	Training	1		
	ctors personnel shall be trained to understand the following as related to of their job. Are the appropriate personnel trained on the following:	Contractor Completed	DOT-HWY Verify ( <i>Date</i> )	Comments
7.2.11.2.a	Location of all storm water controls on the site required by the permit, and how they will be maintained.			
7.2.11.2.b	Proper procedures to follow with respect to the permit's pollution prevention requirements.			
7.2.11.2.c	When and how to conduct inspections, record applicable findings, and take corrective action.			

Additional Comments	
	oject until DOT-HWY has reviewed the Storm Water Pollution Prevention Plan to verify ncluding Plans and Specifications, and NPDES program and permit conditions.
The SWPPP has been reviewed to the best of our knowledge to meet the	ne above criteria.
Reviewed By (DOT Project Engineer's Signature)	Date
*All modifications to the SWPPP require an amendment that shall be su Amendment Log provided in SWPPP Attachment I. * All Certified SWPPP Amendments will be inserted into all copies of the	ubmitted to HDOT prior to the implementation and shall be documented in the e Certified SWPPP.

Page 14 of 14 SWPPP Review Checklist HWY-O Rev. 07/26/2018