(A) Including detailed plans, diagrams, and written Site-Specific Best Management Practices (BMP); constructing, maintaining, and repairing temporary water pollution, dust, and erosion control measures at the project site, including local material sources, work areas and haul roads; removing and disposing hazardous wastes; control of fugitive dust (defined as uncontrolled emission of solid airborne particulate matter from any source other than combustion); and complying with applicable State and Federal permit conditions.

**(B)** Work associated with construction stormwater, dewatering, and hydrotesting activities and complying with conditions of the National Pollutant Discharge Elimination System (NPDES) permit(s) authorizing discharges associated with construction stormwater, dewatering, and hydrotesting activities.

**(C)** Potential pollutant identification and mitigation measures are listed in Appendix A for use in the development of the Contractor's Site-Specific BMP.

Requirements of this section also apply to construction support activities including concrete or asphalt batch plants, rock crushing plants, equipment staging yards/areas, material storage areas, excavated material disposal areas, and borrow areas located outside the State Right-of-Way. For areas serving multiple construction projects, or operating beyond the completion of the construction project in which it supports, the Contractor shall be responsible for securing the necessary permits, clearances, and documents, and following the conditions of the permits and clearances, at no cost to the State.

**209.02 Materials.** Comply with applicable materials described in Chapters 2 and 3 of the current HDOT "Construction Best Management Practices Field Manual". In addition, the materials shall comply with the following:

**(A) Grass.** Grass shall be a quick growing species such as rye grass, Italian rye grass, or cereal grasses. Grass shall be suitable to the area and provide a temporary cover that will not compete later with permanent cover. Alternative grasses are allowable if acceptable to the Engineer.

64

70

71

76 77 78

80 81 82

83 84

85

86

87

88

79

89 90 91

92

93 94

- Fertilizer and Soil Conditioners. Fertilizer and soil conditioners shall (B) be a standard commercial grade acceptable to the Engineer. Fertilizer shall conform to Subsection 619.02(H)(1) - Commercial Fertilizer.
- Hydro-mulching. Hydro-mulching used as a temporary vegetative (C) stabilization measure shall consist of materials in Subsections 209.02(A) -Grass, and 209.02(B) - Fertilizer and Soil Conditioners. Mulches shall be recycled materials including bagasse, hay, straw, wood cellulose bark, wood chips, or other material acceptable to the Engineer. Mulches shall be clean and free of noxious weeds and deleterious materials. Potable water shall meet the requirements of Subsection 712.01 - Water. Submit alternate sources of irrigation water for the Engineer's acceptance if deviating from 712.01 - Water. Installation and other requirements shall be in accordance with portions of Section 641- Hydro-Mulch Seeding including 641.02(D) - Soil and Mulch Tackifier, 641.03(A) - Seeding, and 641.03(B) - Planting Period. Install non-vegetative controls including mulch or rolled erosion control products while the vegetation is being established. Water and fertilize grass. Apply fertilizer as recommended by the manufacturer. Replace grass the Engineer considers unsuitable or sick. Remove and dispose of trash and debris. Remove invasive species. Mow as needed to prevent site or signage obstructions, fire hazard, or nuisance to the public. Do not remove down stream sediment control measures until the vegetation is uniformly established, including no large bare areas, and provides 70 percent of the density of pre-disturbance vegetation. Temporary vegetative stabilization shall not be used longer than one year.
- Silt Fences. Comply with ASTM D6462, Standard Practice for Silt (D) Fence Installation.

Alternative materials or methods to control, prevent, remove and dispose pollution are allowable if acceptable to the Engineer.

## 209.03 Construction.

- (A) **Preconstruction Requirements.** 
  - Water Pollution, Dust, and Erosion Control Meeting. (1) Schedule a water pollution, dust, and erosion control meeting with the Engineer after Site-Specific BMP is accepted in writing by the Engineer. Meeting shall be scheduled a minimum of 14 calendar days prior to the issuance of Notice to Proceed. Discuss sequence of work, plans and proposals for water pollution, dust, and erosion control.
  - Water Pollution, Dust, and Erosion Control Submittals. **(2)** Submit a Site-Specific BMP Plan within 30 calendar days of contract

95	execution. Submission of complete and acceptable Site-Specific
96	BMP Plan is the sole responsibility of the Contractor and additional
97	contract time will not be issued for delays due to incompleteness.
98	Include the following:
99	
100	(a) Written description of activities to minimize water
101	pollution and soil erosion into State waters, drainage or sewer
102	systems. BMP shall include the following:
103	•
104	1. An identification of potential pollutants and their
105	sources.
106	
107	2. A list of all materials and heavy equipment to be
108	used during construction.
109	account and the second account account account and the second account acco
110	3. Descriptions of the methods and devices used to
111	minimize the discharge of pollutants into State waters,
112	drainage or sewer systems.
113	diamage of cover eyelemen
114	4. Details of the procedures used for the
115	maintenance and subsequent removal of any erosion or
116	siltation control devices.
117	Singulari derinar devides.
117	5. Methods of removing and disposing hazardous
119	wastes encountered or generated during construction.
120	wastes chocamored or generated daring concurrence.
120	<b>6.</b> Methods of removing and disposing concrete and
121	asphalt pavement cutting slurry, concrete curing water,
123	and hydrodemolition water.
123	and flydrodemoniton water.
	7. Spill Control and Prevention and Emergency Spil
125	_ ' _,
126 127	Response Plan.
	8. Fugitive dust control, including dust from
128	grinding, sweeping, or brooming off operations of
129	combination thereof.
130	Combination thereor.
131	<b>9.</b> Methods of storing and handling of oils, paints
132	·
133	and other products used for the project.
134	10 Material storage and handling areas, and other
135	10. Material storage and handling areas, and other
136	staging areas.
137	44 Conqueta timodo con acita
138	<b>11.</b> Concrete truck washouts.
139	40 Osmanda wasta asutusi
140	12. Concrete waste control.
141	

142	13. Fueling and maintenance of vehicles and other
143	equipment.
144	equipment.
145	14. Tracking of sediment offsite from project entries
146	and exits.
147	and oxito.
148	<b>15.</b> Litter management.
149	10. Emor managomoria
150	<b>16.</b> Toilet facilities.
151	Total Total Tabilities
152	17. Other factors that may cause water pollution,
153	dust and erosion control.
154	
155	(b) Provide plans indicating location of water pollution, dust
156	and erosion control devices; provide plans and details of BMPs
157	to be installed or utilized; show areas of soil disturbance in cut
158	and fill, indicate areas used for construction staging and
159	storage including items (1) through (17) above, storage of
160	aggregate (indicate type of aggregate), asphalt cold mix, soil or
161	solid waste, equipment and vehicle parking, and show areas
162	where vegetative practices are to be implemented. Indicate
163	intended drainage pattern on plans. Include flow arrows.
164	Include separate drawing for each phase of construction that
165	alters drainage patterns. Indicate approximate date when
166	device will be installed and removed.
167	
168	(c) Construction schedule.
169	
170	(d) Name(s) of specific individual(s) designated responsible
171	for water pollution, dust, and erosion controls on the project
172	site. Include home, cellular, and business telephone numbers
173	fax numbers, and e-mail addresses.
174	
175	(e) Description of fill material to be used.
176	(D) E : I NDDEO D II ( O controlling
177	(f) For projects with an NPDES Permit for Construction
178	Activities, submit information to address all sections in the
179	Storm Water Pollution Prevention Plan (SWPPP).
180	( ) For a site of MDDEC Descrit information
181	(g) For projects with an NPDES Permit, information
182	required for compliance with the conditions of the Notice of
183	General Permit Coverage (NGPC)/NPDES Permit.
184	(L) Oil On the DMD Design Objective The shortlist man
185	(h) Site-Specific BMP Review Checklist. The checklist may
186	be downloaded from HDOT's Stormwater Managemen
187	website at http://stormwaterhawaii.com.
188	

Date and sign Site-Specific BMP Plan. Keep accepted copy on site or at an accessible location so that it can be made available at the time of an on-site inspection or upon request by the Engineer, HDOT Third-Party Inspector, and/or DOH/EPA Representative. Amendments to the Site-Specific BMP Plan shall be included with original Site-Specific BMP Plan. Modify SWPPP if necessary to conform to revisions. Include date of installation and removal of Site-Specific BMP measures. Obtain written acceptance by the Engineer before implementing revised Site-Specific BMPs in the field.

Follow the guidelines in the current HDOT "Construction Best Management Practices Field Manual", in developing, installing, and maintaining Site-Specific BMPs for all projects. For any conflicting requirements between the Manual and applicable bid documents, the applicable bid documents will govern. Should a requirement not be clearly described within the applicable bid documents, notify the Engineer immediately for interpretation. For the purposes of clarification "applicable bid documents" include the construction plans, standard specifications, special provisions, Permits, and the SWPPP when applicable.

Follow Honolulu's City and County "Rules for Soil Erosion Standards and Guidelines" for all projects on Oahu. Use respective Soil Erosion Guidelines for Maui, Kauai and Hawaii projects.

**(B)** Construction Requirements. Do not begin work until submittals detailed in Subsection 209.03(A)(2) - Water Pollution, Dust, and Erosion Control Submittals are completed and accepted in writing by the Engineer.

Install, maintain, monitor, repair and replace site-specific BMP measures, such as for water pollution, dust and erosion control; installation, monitoring, and operation of hydrotesting activities; removal and disposal of hazardous waste indicated on plans, concrete cutting slurry, concrete curing water; or hydrodemolition water. Site-Specific BMP measures shall be in place, functional and accepted by HDOT personnel prior to initiating any ground disturbing activities.

If necessary, furnish and install rain gage in a secure location prior to field work including installation of site-specific BMP. Provide rain gage with a tolerance of at least 0.05 inches of rainfall. Install rain gage on project site in an area that will not deter rainfall from entering the gate opening. Do not install in a location where rain water may splash into rain gage. The rain gage installation shall be stable and plumbed. Maintain rain gage and replace rain gage that is stolen, does not function properly or accurately, is

236
237
238
239
240
2.11
241
242
243
244
245
246
247
248
249
250
251
251
252
253
233
254
255
256
257
258
259
260
261
<ul><li>262</li><li>263</li></ul>
263
264
265
266
200
267
268
269
270
271
2/1
272
<ul><li>272</li><li>273</li></ul>
274
274
275
276
410 275
277
278
270
279
280
281
282

worn out, or needs to be relocated. Do not begin field work until rain gage is installed and Site-Specific BMPs are in place. Rain gage data logs shall be readily available. Submit rain gage data logs weekly to the Engineer.

Address all comments received from the Engineer.

Modify and resubmit plans and construction schedules to correct conditions that develop during construction which were unforeseen during the design and pre-construction stages.

Coordinate temporary control provisions with permanent control features throughout the construction and post-construction period.

Limit maximum surface area of earth material exposed at any time to 300,000 square feet. Do not expose or disturb surface area of earth material (including clearing and grubbing) until BMP measures are installed and accepted in writing by the Engineer. Protect temporarily or permanently disturbed soil surface from rainfall impact, runoff and wind before end of the work day.

Immediately initiate stabilizing exposed soil areas upon completion of earth disturbing activities for areas permanently or temporarily ceased on any portion of the site. Earth-disturbing activities have permanently ceased when clearing and excavation within any area of the construction site that will not include permanent structures has been completed. Earth-disturbing activities have temporarily ceased when clearing, grading, and excavation within any area of the site that will not include permanent structures will not resume for a period of 14 or more calendar days, but such activities will resume in the future. The term "immediately" is used in this section to define the deadline for initiating stabilization measures. "Immediately" means as soon as practicable, but no later than the end of the next work day, following the day when the earth-disturbing activities have temporarily or permanently ceased.

For projects with an NPDES Permit for Construction activities:

- 1) For construction areas discharging into waters not impaired for nutrients or sediments, complete initial stabilization within 14 calendar days after the temporary or permanent cessation of earth-disturbing activities.
- 2) For construction areas discharging into nutrient or sediment impaired waters, complete initial stabilization within 7 calendar days after the temporary or permanent cessation of earth-disturbing activities.

For projects without an NPDES Permit for Construction activities,

283	complete initial stabilization within 14 calendar days after the temporary or
284	permanent cessation of earth-disturbing activities.
285	
286	Any of the following types of activities constitutes initiation of
287	stabilization:
288	
289	<ol><li>Prepping the soil for vegetative or non-vegetative stabilization;</li></ol>
290	
291	(2) Applying mulch or other non-vegetative product to the exposed
292	area;
293	
294	(3) Seeding or planting the exposed area;
295	
296	(4) Starting any of the activities in items (1) – (3) above on a portion
297	of the area to be stabilized, but not on the entire area; and
298	
299	(5) Finalizing arrangements to have stabilization product fully
300	installed in compliance with the deadline for completing initial
301	stabilization activities.
302	
303	Any of the following types of activities constitutes completion of initial
304	stabilization activities:
305	
306	(1) For vegetative stabilization, all activities necessary to initially seed
307	or plant the area to be stabilized; and/or
308	
309	(2) For non-vegetative stabilization, the installation or application of
310	all such non-vegetative measures.
311	
312	If the Contractor is unable to meet the deadlines above due to
313	circumstances beyond the Contractor's control, and the Contractor is using
314	vegetative cover for temporary or permanent stabilization, the Contractor
315	may comply with the following stabilization deadlines instead as agreed to by
316	the Engineer:
317	
318	(1) Immediately initiate, and complete within the timeframe shown
319	above, the installation of temporary non-vegetative stabilization
320	measures to prevent erosion;
321	
322	(2) Complete all soil conditioning, seeding, watering or irrigation
323	installation, mulching, and other required activities related to the
324	planting and initial establishment of vegetation as soon as conditions
325	or circumstances allow it on the site; and
326	
327	(3) Notify and provide documentation to the Engineer the
328	circumstances that prevent the Contractor from meeting the deadlines
329	above for stabilization and the schedule the Contractor will follow for

initiating and completing initial stabilization and as agreed to by the 330 331 Engineer. 332 Follow the applicable requirements of the specifications and special 333 provisions including Section 619 - Planting and Section 641 - Hydro-Mulch 334 Seeding. 335 336 337 Immediately after seeding or planting the area to be vegetatively stabilized, to the extent necessary to prevent erosion on the seeded or 338 planted area, select, design, and install non-vegetative erosion controls that 339 provide cover (e.g., mulch, rolled erosion control products) to the area while 340 vegetation is becoming established. 341 342 Protect exposed or disturbed surface area with mulches, grass seeds 343 or hydromulch. Spray mulches at a rate of 2,000 pounds per acre. Add 344 tackifier to mix at a rate of 85 pounds per acre. Apply grass seeds at a rate 345 of 125 pounds per acre. For hydromulch, use the ingredients and rates 346 required for mulches and grass seeds. Submit recommendations from a 347 licensed Landscape Architect when deviating from the application rates 348 above. 349 350 Apply fertilizer to mulches, grass seed or hydromulch per 351 manufacturer's recommendations. Submit recommendations from a licensed 352 Landscape deviating from the 353 Architect when recommendations. 354 355 Install velocity dissipation measures when exposing erodible surfaces 356 greater than 15 feet in height. 357 358 BMP measures shall be in place and operational at the end of work 359 day or as required by Section 209.03(B) - Construction Requirements. 360 361 Install and maintain either or both stabilized construction entrances 362 and wheel washes to minimize tracking of dirt and mud onto roadways. 363 Restrict traffic to stabilized construction areas only. Clean dirt, mud, or other 364 material tracked onto the road, sidewalk, or other paved area by the end of 365 the same day in which the track-out occurs. Modify stabilized construction 366 entrances to prevent mud from being tracked onto road. Stabilize entire 367 access roads if necessary. 368 369 Chemicals may be used as soil stabilizers for either or both erosion 370 and dust control if acceptable to the Engineer. 371 372 Provide temporary slope drains of rigid or flexible conduits to carry 373 374 runoff from cuts and embankments. Provide portable flume at the entrance. Shorten or extend temporary slope drains to ensure proper function. 375 376

manufacturer's

377	Protect ditches, channels, and other drainageways leading away from		
378	uts and fills at all times by either:		
379 380	(1) Hydro-mulching the lower region of embankments in the		
381	immediate area.		
382	ininediate area.		
383	(2) Installing check dams and siltation control devices.		
384	(2) motaling chock dame and endurer control of the		
385	(3) Other methods acceptable to the Engineer.		
386			
387	Provide for controlled discharge of waters impounded, directed, or		
388	controlled by project activities or erosion control measures.		
389			
390	Cover exposed surface of materials completely with tarpaulin or		
391	similar device when transporting aggregate, soil, excavated material or		
392	material that may be source of fugitive dust.		
393	Clearning and remarks any nollytant that can be attributed to the		
394	Cleanup and remove any pollutant that can be attributed to the		
395 396	Contractor.		
390	Install or modify Site-Specific BMP measures due to change in the		
398	Contractor's means and methods, or for omitted condition that should have		
399	been allowed for in the accepted Site-Specific BMP or a Site-Specific BMP		
400	that replaces an accepted Site-Specific BMP that is not satisfactorily		
401	performing. Modifications to Site-Specific BMP measures shall be accepted		
402	in writing by the Engineer prior to implementation.		
403			
404	Properly maintain all Site-Specific BMP measures.		
405	The state of the s		
406	For projects with an NPDES Permit for Construction Activities:		
407	(4) For construction areas discharging into nutrient or codiment		
408	(1) For construction areas discharging into nutrient or sediment impaired waters, inspect, prepare a written report, and make repairs		
409 410	to BMP measures at the following intervals:		
411	to bivin Theasures at the following intervals.		
412	(a) Weekly.		
413	(a)		
414	(b) Within 24 hours of any rainfall of 0.25 inch or greater which		
415	occurs in a 24-hour period.		
416			
417	(c) When existing erosion control measures are damaged or		
418	not operating properly as required by Site-Specific BMP.		
419			
420	(2) For construction areas discharging to waters not impaired for		
421	nutrients or sediments, inspect, prepare a written report, and make		
422 423	repairs to BMP measures at the following intervals:		
417			

424	
424	
425	
426	
427	
120	
428	
429	
430	
431	
432	
433	
433	
434	
435	
436	
437	
438	
439	
440	
441	
442	
442	
443	
444	
445	
446	
440	
447	
448	
449	
450	
450	
451	
451 452	
452	
452 453	
452 453 454	
452 453 454	
452 453 454 455	
452 453 454	
452 453 454 455 456	
452 453 454 455	
452 453 454 455 456 457	
452 453 454 455 456 457 458	
452 453 454 455 456 457 458	
452 453 454 455 456 457 458 459	
452 453 454 455 456 457 458 459	
452 453 454 455 456 457 458 459 460	
452 453 454 455 456 457 458 459	
452 453 454 455 456 457 458 459 460 461	
452 453 454 455 456 457 458 459 460 461 462	
452 453 454 455 456 457 458 459 460 461 462	
452 453 454 455 456 457 458 459 460 461 462 463	
452 453 454 455 456 457 458 459 460 461 462 463	
452 453 454 455 456 457 458 459 460 461 462 463 464	
452 453 454 455 456 457 458 459 460 461 462 463	
452 453 454 455 456 457 458 459 460 461 462 463 464 465	
452 453 454 455 456 457 458 459 460 461 462 463 464	
452 453 454 455 456 457 458 459 460 461 462 463 464 465 466	
452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467	
452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467	
452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468	
452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467	
452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468	

- (a) Weekly.
- **(b)** When existing erosion control measures are damaged or not operating properly as required by Site-Specific BMP.

For projects without an NPDES Permit for Construction activities, inspect, prepare a written report, and make repairs to BMP measures at the following intervals:

- (a) Weekly.
- **(b)** When existing erosion control measures are damaged or not operating properly as required by Site-Specific BMP.

Temporarily remove, replace or relocate any Site-Specific BMP that must be removed, replaced or relocated due to potential or actual flooding, or potential danger or damage to project or public.

Maintain records of inspections of Site-Specific BMP work. Keep continuous records for duration of the project. Submit copy of Inspection Report to the Engineer within 24 hours after each inspection.

The Contractor's designated representative specified in Subsection 209.03(A)(2)(d) shall address any Site-Specific BMP deficiencies brought up by the Engineer immediately, including weekends and holidays, and complete work to fix the deficiencies by the close of the next work day if the problem does not require significant repair or replacement, or if the problem can be corrected through routine maintenance. Address any Site-Specific BMP deficiencies brought up by the State's Third-Party Inspector in the timeframe above or as specified in the Consent Decree or MS4 NPDES Permit, whichever is more stringent. The Consent Decree timeframe requirement applies statewide. The MS4 NPDES Permit only applies to Oahu. In this section, "immediately" means the Contractor shall take all reasonable measures to minimize or prevent discharge of pollutants until a permanent solution is installed and made operational. If a problem is identified at a time in the day in which it is too late to initiate repair, initiation of repair shall begin on the following work day. When installation of a new pollution prevention control or a significant repair is needed, complete installation or repair no later than seven calendar days from the time of notification/Contractor discovery. Notify the Engineer and document why it is infeasible to complete the installation or repair within seven calendar days and complete the work as soon as practicable and as agreed to by the Engineer. Address Site-Specific BMP deficiencies discovered by the Contractor within the timeframe above. The Contractor's failure to satisfactorily address these Site-Specific BMP deficiencies, the Engineer reserves the right to employ outside assistance or use the Engineer's own labor forces to provide necessary corrective measures. The Engineer will

471	
472	
473	
474	
475 476	
470 477	
478	
479	
480	
481 482	
482 483	
484	
485	
486	
487 488	
489	
490	
491	
492	
493 494	
494	
496	
497	
498	
<ul><li>499</li><li>500</li></ul>	
501	
502	
503	
<ul><li>504</li><li>505</li></ul>	
506	
507	
508	
509	
<ul><li>510</li><li>511</li></ul>	
512	
513	
514	

516

517

charge the Contractor such incurred costs plus any associated project engineering costs. The Engineer will make appropriate deductions from the Contractor's monthly progress estimate. Failure to apply Site-Specific BMP measures may result in one or more of the following: assessment of liquidated damages, suspension, or cancellation of Contract with the Contractor being fully responsible for all additional costs incurred by the State.

(C) Discharges of Storm Water Associated with Construction Activities. If work includes disturbance of one acre or more, an NPDES Permit authorizing Discharges of Storm Water Associated with Construction Activity (CWB-NOI Form C) or Individual Permit authorizing storm water discharges associated with construction activity is required from the Department of Health Clean Water Branch (DOH-CWB).

Do not begin construction activities until all required conditions of the permit are met and submittals detailed in Subsection 209.03(A)(2) – Water Pollution, Dust, and Erosion Control Submittals are completed and accepted in writing by the Engineer.

(D) Discharges Associated with Hydrotesting Activities. If hydrotesting activities require effluent discharge into State waters or drainage systems, an NPDES Hydrotesting Waters Permit (CWB-NOI Form F) or Individual Permit authorizing discharges associated with hydrotesting from DOH-CWB is required from the DOH-CWB.

Do not begin hydrotesting activities until the DOH-CWB has issued an Individual NPDES Permit or Notice of General Permit Coverage (NGPC). Conduct Hydrotesting operations in accordance with the conditions of the permit or NGPC.

**(E)** Discharges Associated with Dewatering Activities. If dewatering activities require effluent discharge into State waters or drainage systems, an NPDES Dewatering Permit (CWB-NOI Form G) or Individual Permit authorizing discharges associated with dewatering from DOH-CWB is required from the DOH-CWB.

Do not begin dewatering activities until the DOH-CWB has issued an Individual NPDES Permit or Notice of General Permit Coverage (NGPC). Conduct dewatering operations in accordance with the conditions of the permit or NGPC.

**(F)** Solid Waste. Submit the Solid Waste Disclosure Form for Construction Sites to the Engineer within 30 calendar days of contract execution. Provide a copy of all the disposal receipts from the facility permitted by the Department of Health to receive solid waste to the Engineer monthly. This should also include documentation from any intermediary

518	8 facility where solid waste is handled or processed, or as directed by the			
519	Engineer.			
520				
521	(G) Construction BMP Training. The Contractor's representative			
522	responsible for development of the Site-Specific BMP Plan and			
523	implementation of Site-Specific BMPs in the field shall attend the State'			
524	Construction Best Management Practices Training. The Contractor sha			
525	keep training logs updated and readily available.			
526				
527	209.04 Measurement.			
528				
529	(A) Installation, maintenance, monitoring, and removal of BMP will be paid			
530	on a lump sum basis. Measurement for payment will not apply.			
531				
532	(B) The Engineer will only measure additional water pollution, dust and			
533	erosion control required and requested by the Engineer on a force account			
534	basis in accordance with Subsection 109.06 – Force Account Provisions and			
535	Compensation.			
536				
537	209.05 Payment. The Engineer will pay for accepted pay items listed below at			
538	contract price per pay unit, as shown in the proposal schedule. Payment will be full			
539	compensation for work prescribed in this section and contract documents.			
540				
541	The Engineer will pay for each of the following pay items when included in			
542	proposal schedule:			
543	Pay Item Pay Unit			
544	Pay Item Pay Unit			
545 546	Installation, Maintenance, Monitoring, and Removal of BMP Lump Sum			
547	installation, Maintenance, Monitoring, and Hemoval of Divi			
548	Additional Water Pollution, Dust, and Erosion Control Force Account			
549	Additional Water Foliation, Bust, and Erosion Control			
550	An estimated amount for force account is allocated in proposal schedule			
551	under 'Additional Water Pollution, Dust, and Erosion Control', but actual amount to			
552	be paid will be the sum shown on accepted force account records, whether this sum			
553	be more or less than estimated amount allocated in proposal schedule. The			
554	Engineer will pay for BMP measures requested by the Engineer that are beyond			
555	scope of accepted Site-Specific BMP on a force account basis.			
556				
557	No progress payment will be authorized until the Engineer accepts in writing			
558	Site-Specific BMP or when the Contractor fails to maintain project site in			
559	accordance with accepted BMP.			
560				
561	For all citations or fines received by the Department for non-compliance,			
562	including compliance with NPDES Permit conditions, the Contractor shall reimburse			
563	State within 30 calendar days for full amount of outstanding cost State has incurred,			
564	or the Engineer will deduct cost from progress payment.			

565	
566	The Engineer will assess liquidated damages up to \$27,500 per day for non-
567	compliance of each BMP requirement and all other requirements in this section.
568	

## Appendix A

The following list identifies potential pollutant sources and corresponding BMPs used to mitigate the pollutants. Each BMP is referenced to the corresponding section of the current HDOT Construction Best Management Practices Field Manual or appropriate Supplemental Sheets. The Manual may be obtained from the HDOT Statewide Stormwater Management Program Website at <a href="http://www.stormwaterhawaii.com/resources">http://www.stormwaterhawaii.com/resources</a> under Construction Best Management Practices Field Manual. Supplemental BMP sheets are located at <a href="http://stormwaterhawaii.com/contractors/contractors\_BMPmanual.aspx">http://stormwaterhawaii.com/contractors/contractors\_BMPmanual.aspx</a> under Concrete Curing and Irrigation Water.

Pollutant	Appropriate Site-Specific BMP to be	ВМР
Source	Implemented	Requirements
Construction debris, green waste, general litter	<ul> <li>Separate contaminated clean up materials from construction and demolition (C&amp;D) wastes.</li> <li>Provide waste containers (e.g., dumpster or trash receptacle) of sufficient size and number to contain construction and domestic wastes.</li> <li>Inspect construction waste and recycling areas regularly.</li> <li>Schedule solid waste collection regularly.</li> <li>Schedule recycling activities based on construction/demolition phases.</li> <li>Empty waste containers weekly or when they are two-thirds full, whichever is sooner.</li> <li>Do not allow containers to overflow. Clean up immediately if they do.</li> <li>On work days, clean up and dispose of waste in designated waste containers.</li> <li>See Solid Waste Management Section SM-6 for additional requirements.</li> </ul>	See Solid Waste Management Section SM-6. Protect Storm Drain Inlets SC-2, and Perimeter Sediment Controls where applicable.
	<ul> <li>Provide Storm Drain Inlet         Protection and/or Perimeter         Sediment Controls as applicable.     </li> </ul>	
Materials associated with the operation and maintenance of equipment, such as oil, fuel, and hydraulic fluid leakage	<ul> <li>Use off-site wash racks, repair and maintenance facilities, and fueling sites when practical.</li> <li>Designate bermed wash area if cleaning on site is necessary.</li> <li>Place drip pans or drop cloths under vehicles and equipment to absorb spills or leaks.</li> <li>Provide an ample supply of readily available spill cleanup materials.</li> </ul>	See Vehicle and Equipment Cleaning, Maintenance, and Refueling, Sections SM-11, SM-12, and SM- 13, and Material Delivery, Storage and Material Use

Pollutant	Appropriate Site-Specific BMP to be	ВМР
Source	Implemented	Requirements
	<ul> <li>Clean up spills immediately, using dry clean-up methods where possible, and dispose of used materials properly.</li> <li>Do not clean surfaces or spills by hosing the area down.</li> <li>Eliminate the source of the spill to prevent a discharge or a continuation of an ongoing discharge.</li> </ul>	Sections SM-2 and SM-3, and Spill Prevention and Control SM- 10.
	Inspect on-site vehicles and equipment regularly and immediately repair leaks.	
•	Regularly inspect fueling areas and storage tanks.	
	Train employees on proper maintenance and spill practices and procedures and fueling and cleanup procedures.	
	Store diesel fuel, oil, hydraulic fluid, or other petroleum products or other chemicals in water-tight containers and provide cover or secondary containment.	
	Do not remove original product labels and comply with manufacturer's labels for proper disposal.	
	Dispose of containers only after all the product has been used.	
	Dispose of or recycle oil or oily wastes according to Federal, State, and Local requirements.	
	Store soaps, detergents, or solvents under cover or other means to prevent contact with rainwater.	
	See Vehicle and Equipment	
	Cleaning, Maintenance, and	
	Refueling, Sections SM-11, SM-12, and SM-13 and Material Use Section	

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
	SM-3 for additional requirements.	-
Soil erosion from the disturbed areas	<ul> <li>Provide Soil Stabilization, Slope Protection, Storm Drain Inlet Protection SC-2, Perimeter Controls and Sediment Barriers, Sediment Basins and Detention Ponds, Check Dams SC-9, Level Spreader SC-10, Paving Operations SM-19, Construction Road Stabilization EC-1, Controlling Storm Water Flowing Onto and Through the Project, Post-Construction BMPs, and Non-Structural BMPs (Employee Training SM-1, Scheduling SM-14, Location of Potential Sources of Sediment SM-15, Preservation of Existing Vegetation SM-16).</li> <li>Delineate, and clearly mark off, with flags, tape, or other similar marking device all natural buffer areas defined in the SWPPP.</li> <li>Preserve native topsoil where practicable.</li> <li>In areas where vegetative stabilization will occur, restrict vehicle/equipment use in areas to avoid soil compaction or condition soil to promote vegetative growth.</li> <li>For Storm Drain Inlet Protection, clean, or remove and replace, the</li> </ul>	Soil Stabilization  1. SM-21 Topsoil Management 2. EC-5 Seeding and Planting 3. EC-6 Mulching 4. EC-7 Geotextiles and Mats  Slope Protection  1. EC-5 Seeding and Planting 2. EC-6 Mulching 3. EC-7 Geotextiles and Mats 4. EC-9 Slope Roughening, Terracing, and Rounding 5. SC-11 Slope Drains and Subsurface Drains 6. SC-12 Top and Toe of Slope Diversion Ditches and Berms  SC-2 Storm Drain Inlet Protection
	protection measures as sediment accumulates, the filter becomes clogged, and/or performance is compromised.	Perimeter Controls and
	Where there is evidence of	Sediment Barriers  1. SC-1 Silt

Pollutant	Appropriate Site-Specific BMP to be	ВМР
Source	Implemented	Requirements
	sediment accumulation adjacent to the inlet protection measure, remove the deposited sediment by the end of the same day in which it is found or by the end of the following work day if removal by the same day is not feasible.  Sediment basins shall be designed and maintained in accordance with HAR 11-55.  Minimize disturbance on steep slopes (Greater than 15% in grade).  If disturbance of steep slopes are unavoidable, phase disturbances and use stabilization techniques designed for steep grades.  For temporary drains and swales use velocity dissipation devices within and at the outlet to minimize erosive flow velocities.	Fence 2. SC-5 Vegetated Filter Strips and Buffers 3. SC-8 Compost Filter Berm 4. SC-13 Sandbag Barrier 5. SC-14 Brush or Rock Filter  Sediment Basins and Detention Ponds 1. SC-15 Sediment Trap 2. SC-16 Sediment Basin  SC-9 Check Dams  SC-9 Check Dams  SC-10 Level Spreader  SM-19 Paving Operations EC-1 Construction Road Stabilization  Controlling Storm Water Flowing onto and Through the Project 1. EC-8 Run-On Diversion 2. SC-6 Earth Dike 3. SC-7

Pollutant	Appropriate Site-Specific BMP to be	BMP Dogwiromonto
Source	Implemented	Requirements
		Temporary Drains and Swales
		Post Construction BMPs
		<ol> <li>EC-4 Flared         Culvert End         Sections</li> <li>SC-3 Rip-Rap         and Gabion         Inflow         Protection</li> <li>SC-4 Outlet         Protection and         Velocity         Dissipation         Devices</li> <li>SM-21 Topsoil         Management</li> </ol>
		Non-Structural BMPs  1. SM-1 Employee Training  2. SM-14 Scheduling  3. SM-15 Location of Potential Sources of Sediment  4. SM-16 Preservation of Existing Vegetation

Pollutant	Appropriate Site-Specific BMP to be	ВМР
Source	Implemented	Requirements
Sediment from soil stockpiles	<ul> <li>Locate stockpiles a minimum of 50 feet or as far as practicable from concentrated runoff or outside of any natural buffers identified on the SWPPP.</li> <li>Place bagged materials on pallets and under cover.</li> <li>Provide physical diversion to protect stockpiles from concentrated runoff.</li> <li>Cover stockpiles with plastic or comparable material when practicable.</li> <li>Place silt fence, fiber filtration tubes, or straw wattles around stockpiles.</li> <li>Do not hose down or sweep soil or sediment accumulated on pavement or other impervious surfaces into any storm water conveyance (unless connected to a sediment basin, sediment trap, or similarly effective control), storm drain inlet, or state water.</li> <li>Unless infeasible, contain and securely protect stockpiles from the wind.</li> <li>Provide Storm Drain Inlet Protection and/or Perimeter Sediment Controls as applicable.</li> <li>See Protection of Stockpiles Section SM-4 for additional</li> </ul>	See Protection of Stockpiles Section SM-4. Protect Storm Drain Inlets SC-2, and Perimeter Sediment Controls where applicable.
Emulsified asphalt or prime/tack coat	<ul> <li>Provide training for employees and contractors on proper material delivery and storage practices and procedures.</li> <li>Restrict paving operations during wet weather to prevent paving materials from being discharged.</li> </ul>	See Material Delivery and Storage Section SM-2 and Material Use Section SM- 3, Paving

Pollutant	Appropriate Site-Specific BMP to be	BMP
Source	Implemented	Requirements
	<ul> <li>Use asphalt emulsions such as prime coat when possible.</li> <li>Protect drain inlet structures and manholes during application of tack coat, seal coat, slurry seal, and fog seal.</li> <li>Keep ample supplies of drip pans and absorbent materials on site.</li> <li>Inspect inlet protection devices.</li> <li>See Material Delivery and Storage Section SM-2 and Paving Operations Section SM-19 for additional requirements.</li> <li>Provide Storm Drain Inlet Protection and/or Perimeter Sediment Controls as applicable.</li> </ul>	Operations Section SM-19, Protect Storm Drain Inlets SC-2, and Perimeter Sediment Controls where applicable.

Pollutant	Appropriate Site-Specific BMP to be	ВМР
Source	Implemented	Requirements
Materials associated with painting, such as paint and paint wash solvent	<ul> <li>Hazardous chemicals shall be well-labeled and stored in original containers.</li> <li>Keep ample supply of cleanup materials on site.</li> <li>Dispose container only after all of the product has been used.</li> <li>Remove as much paint from brushes on painted surface.</li> <li>Rinse from water-based paints shall be discharged into the sanitary sewer system where possible. If not, direct all washwater into a leak-proof container or leak-proof pit. The container or pit must be designed so that no overflows can occur due to inadequate sizing or precipitation.</li> <li>Locate on-site wash area a minimum of 50 feet away or as far as practicable from storm drain inlets, open drainage facilities, or water bodies.</li> <li>Do not dump liquid wastes into the storm drainage system.</li> <li>Filter and re-use solvents and thinners.</li> <li>Dispose of oil-based paints and residue as a hazardous waste.</li> <li>Ensure collection, removal, and disposal of hazardous waste complies with regulations.</li> <li>Immediately clean up spills and leaks.</li> <li>Properly store paints, solvents, and epoxy compounds.</li> <li>Properly store and dispose waste materials generated from painting and structure repair and construction activities.</li> <li>Mix paints in a covered and</li> </ul>	See Material Delivery and Storage Section SM-2, Material Use Section SM-3, Hazardous Waste Management Section SM-9, Waste Management, Spill Prevention and Control Section SM-10, and Structure Construction and Painting Section SM-20, Protect Storm Drain Inlets SC-2, and Perimeter Sediment Controls where applicable.

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
	minimize adverse impacts from spills.  • Do not apply traffic paint or	
	thermoplastic if rain is forecasted.  See Material Delivery and Storage Section SM-2, Material Use SM-3, Waste Management, Hazardous Waste Management Section SM-9, Waste Management,	
	Spill Prevention and Control Section SM-10, and Structure Construction and Painting Section SM-20 for additional requirements.  • Provide Storm Drain Inlet	
	Protection and/or Perimeter Sediment Controls as applicable.	

Pollutant	Appropriate Site-Specific BMP to be	ВМР
Source	Implemented	Requirements
Industrial chemicals, fertilizers, and/or pesticides	<ul> <li>Hazardous chemicals shall be well-labeled and stored in original containers.</li> <li>Keep ample supply of cleanup materials on site.</li> <li>Clean up spills immediately, using dry clean-up methods where possible, and dispose of used materials properly.</li> <li>Do not clean surfaces or spills by hosing the area down.</li> <li>Eliminate the source of the spill to prevent a discharge or a furtherance of an ongoing discharge.</li> <li>Dispose container only after all of the product has been used.</li> <li>Retain a complete set of material safety data sheets on site.</li> <li>Store industrial chemicals in water-tight containers and provide either cover or secondary containment.</li> <li>Provide cover when storing fertilizers or pesticides to prevent these chemicals from coming into contact with rainwater.</li> <li>Restrict amount of pesticide prepared to quantity necessary for the current application.</li> <li>Do not apply fertilizers or pesticides during or just before a rain event.</li> <li>Do not apply to stormwater conveyance channels with flowing water.</li> <li>Comply with fertilizer and pesticide manufacturer's recommended usage instructions.</li> <li>Follow federal, state, and local laws regarding fertilizer application.</li> <li>Do not dispose of toxic liquid wastes (solvents, used oils, and paints) or chemicals (additives,</li> </ul>	See Material Delivery and Storage Section SM-2, Material Use Section SM- 3, and Hazardous Waste Management Section SM-9, and Spill Prevention and Control SM- 10

Pollutant	Appropriate Site-Specific BMP to be	ВМР
Source	Implemented	Requirements
	<ul> <li>acids, and curing compounds) in dumpsters allocated for construction debris.</li> <li>Ensure collection, removal, and disposal of hazardous waste complies with regulations.         Hazardous waste that cannot be reused or recycled shall be disposed of by a licensed hazardous waste hauler.</li> <li>See Material Delivery and Storage Section SM2, Material Use SM-3, and Waste Management, Hazardous Waste Management Section SM-9 for additional requirements.</li> </ul>	
Hazardous waste (Batteries, Solvents, Treated Lumber, etc.)	<ul> <li>Do not dispose of toxic materials in dumpsters allocated for construction debris.</li> <li>Ensure collection, removal, and disposal of hazardous waste complies with regulations.</li> <li>Hazardous waste that cannot be reused or recycled shall be disposed of by a licensed hazardous waste hauler.</li> <li>Segregate and recycle wastes from vehicle/equipment maintenance activities such as used oil or oil filters, greases, cleaning solutions, antifreeze, automotive batteries, and hydraulic and transmission fluids.</li> <li>Store waste in sealed containers, which are constructed of suitable materials to prevent leakage and corrosion, and which are labeled in accordance with applicable Resource Conservation and Recovery Act (RCRA) requirements and all other applicable federal, state, and local requirements.</li> </ul>	See Hazardous Waste Management Section SM-9 and Vehicle and Equipment Maintenance SM- 12

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
	<ul> <li>All containers stored outside shall be kept away from surface waters and within appropriately-sized secondary containment (e.g., spill berms, decks, spill containment pallets). Provide cover if possible.</li> <li>Clean up spills immediately, using dry clean-up methods where possible, and dispose of used materials properly.</li> <li>Do not clean surfaces or spills by</li> </ul>	
	<ul> <li>hosing the area down.</li> <li>Eliminate the source of the spill to prevent a discharge or a continuation of an ongoing discharge.</li> </ul>	
	Ensure collection, removal, and disposal of hazardous waste complies with manufacturer's recommendations and is in compliance with federal, state, and local requirements.	
	<ul> <li>See Hazardous Waste         Management Section SM-9 and         Vehicle and Equipment         Management, Vehicle and         Equipment Maintenance SM-12 for         additional requirements.</li> </ul>	

Pollutant	Appropriate Site-Specific BMP to be	BMP
Source	Implemented	Requirements
Metals and Building Materials	<ul> <li>Inspect construction waste and recycling areas regularly.</li> <li>Schedule solid waste collection regularly.</li> <li>If building materials or metals are stored on site (such as rebar or galvanized poles) store under cover under tarps or in containers.</li> <li>Minimize the amount of material stored on site.</li> <li>Do not stockpile uncovered metals or other building materials in</li> </ul>	See Solid Waste Management Section SM-6
	<ul> <li>close proximity to discharge points.</li> <li>See Solid Waste Management Section SM-6 for additional requirements.</li> </ul>	
Contaminated Soil	<ul> <li>See Waste Management,         Contaminated Soil Management         Section SM-8 and/or Hazardous         Waste Management Section SM-9         for additional requirements.</li> <li>At minimum contain         contaminated material soil by         surrounding with impermeable lined         berms or cover exposed</li> </ul>	See Waste Management, Contaminated Soil Management Section SM-8 and/or Hazardous Waste Management
	contaminated material with plastic sheets.	Section SM-9
Dust Control Water	Do not over spray water for dust control purposes which will result in runoff from the area.  Apply water as conditions	See Dust Control Section SM-18
	Apply water as conditions require.	
	Washing down of debris or dirt into drainage, sewage systems, or State waters is not allowed.	
	See Dust Control Section SM-18 for additional requirements.	
	STD 700(067)	

Pollutant	Appropriate Site-Specific BMP to be	BMP
Source	Implemented	Requirements
Concrete Truck Wash Water	<ul> <li>Disposal of concrete truck wash water via percolation is prohibited.</li> <li>Wash concrete-coated vehicles or equipment off-site or in the designated wash area.</li> </ul>	See Waste Management, Concrete Waste Management Section SM-5
	Locate on-site wash area a     minimum of 50 feet away or as far as     practicable from storm drain inlets,     open drainage facilities, or water     bodies.	
	Runoff from the on-site concrete wash area shall be contained in a temporary pit or level bermed area where the concrete can set.	
	Design the area so that no overflow can occur due to inadequate wash area sizing or precipitation.	
	The temporary pit shall be lined with plastic to prevent seepage of wash water into the ground.	
	Allow wash water to evaporate or collect wash water and all concrete debris in a concrete washout system bin.	
	Do not dump liquid wastes into storm drainage system.	
	Dispose of liquid and solid concrete wastes in compliance with federal, state, and local standards.	
	<ul> <li>See Waste Management,         Concrete Waste Management         Section SM-5 for additional         requirements.</li> </ul>	

Pollutant	Appropriate Site-Specific BMP to be	ВМР
Source	Implemented	Requirements
Sediment Track- Out	<ul> <li>Include Stabilized Construction         Entrance at all points that exit onto         paved roads.</li> <li>A sediment trapping device is         required if a wash rack is used in         conjunction with the stabilized         construction entrance/exit.</li> </ul>	See Stabilized Construction Entrance Section EC-2
	The pavement shall not be cleaned by washing down the street.	
	If sweeping is ineffective or it is necessary to wash the streets, wash water must be contained either by construction of a sump, diverting the water to an acceptable disposal area, or vacuuming the wash water.	
	Use BMPs for adjacent drainage structures.	
	Remove sediment tracked onto the street by the end of the day in which the track-out occurs.	
	Restrict vehicle use to properly designated exit points.	
	Include additional BMPs which remove sediment prior to exit when minimum dimensions can not be met.	
	See Stabilized Construction     Entrance Section EC-2 for additional requirements.	
Irrigation Water	<ul> <li>Consider irrigation requirements.</li> <li>Where possible, avoid species which require irrigation.</li> </ul>	See Seeding and Planting Section EC-5 and California
	Design timing and application	Camorna

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
	methods of irrigation water to eliminate the runoff of excess irrigation water into the storm water drainage system.  • See Seeding and Planting Section EC-5 and California Stormwater BMP Handbook SD-12 Efficient Irrigation at http://stormwaterhawaii.com/contract ors/ contractors_BMPmanual.aspx under Irrigation Water for additional requirements.	Stormwater BMP Handbook SD-12 Efficient Irrigation

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
Hydrotesting Effluent	If work includes removing, relocation or installing waterlines, and Contractor elects to flush waterline or discharge hydrotesting effluent into State waters or drainage systems, the Contractor shall prepare and obtain HDOT acceptance of a NOI/NPDES Permit Form F application for HDOT submittal to DOH CWB at least 30 calendar days prior to the start of Hydrotesting Activities if necessary. Site-Specific BMPs will be included in the NOI/NPDES Permit Form F submittal.	Site-Specific BMPs will be included in the NOI/NPDES Permit Form F submittal.
Dewatering Effluent	• If excavation or backfilling operations require dewatering, and Contractor elects to discharge dewatering effluent into State waters or existing drainage systems, Contractor shall prepare and obtain HDOT acceptance of a NOI/NPDES Permit Form G application for HDOT submittal to DOH CWB at least 30 calendar days prior to the start of Dewatering Activities if necessary. See Site Planning and General Practices, Dewatering Operations Section SM-17 for additional requirements.	See Dewatering Operations SM- 17. Site-Specific BMPs will be included in the NOI/NPDES Permit Form G submittal.
Saw-cutting Slurry	<ul> <li>Saw cut slurry shall be removed from the site by vacuuming.</li> <li>Provide storm drain protection during saw cutting. See Paving</li> </ul>	See Paving Operations Section SM-19, Storm Drain Inlet

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
Concrete Curing Water	<ul> <li>Avoid overspraying of curing compounds.</li> <li>Apply an amount of compound that covers the surface, but does not allow any runoff of the compound.</li> <li>See California Stormwater BMP Handbook NS-12 Concrete Curing at http://stormwaterhawaii.com/contract ors/ contractors_BMPmanual.aspx under Concrete Curing for additional requirements.</li> </ul>	See California Stormwater BMP Handbook NS-12 Concrete Curing
Plaster Waste Water	<ul> <li>Direct all washwater into a leak-proof container or leak-proof pit.         The container or pit must be designed so that no overflows can occur due to inadequate sizing or precipitation.         </li> <li>Locate on-site wash area a minimum of 50 feet away or as far as practicable from storm drain inlets, open drainage facilities, or water bodies.</li> <li>Any significant residual materials remaining on the ground after the completion of construction shall be removed and properly disposed. If the residual materials contaminate the soil, then the contaminated soil shall also be removed and properly</li> </ul>	See Material Delivery and Storage Section SM-2, Material Use Section SM- 3, and Hazardous Waste Management Section SM-9

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
	<ul> <li>disposed of.</li> <li>Plaster waste water shall not be allowed to flow into drainage structures or State waters.</li> </ul>	
	<ul> <li>See Material Delivery and Storage Section SM-2, Material Use SM-3, and Hazardous Waste Management Section SM-9 for additional requirements.</li> </ul>	

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
Water-Jet Wash Water	<ul> <li>For Water-Jet Wash Water used to clean vehicles, use off site wash racks or commercial washing facilities when practical.</li> <li>See Vehicle and Equipment Cleaning Section SM-11 for additional information.</li> </ul>	See Vehicle and Equipment Cleaning Section SM-11
	• For Water-Jet Wash Water used to clean impervious surfaces, the runoff shall not be allowed to flow into drainage structures or State Waters.	
Sanitary/Septic Waste	<ul> <li>Locate Sanitary facilities in a convenient place away from drainage facilities.</li> <li>Position sanitary facilities so they are secure and will not be tipped</li> </ul>	See Sanitary/Septic Waste Section SM-7.
	<ul> <li>over or knocked down.</li> <li>Wastewater shall not be discharged to the ground or buried.</li> <li>A licensed service provider shall maintain sanitary/septic facilities in good working order.</li> </ul>	
	<ul> <li>Schedule regular waste collection by a licensed transporter.</li> <li>See Sanitary/Septic Waste Section SM-7 for additional requirements.</li> </ul>	

582

583

584

**END OF SECTION 209**