

is equal to one-third of the height of the outlet structure as

measured from the original toe of slope to the crest of the outlet, or

Minimum width of the embankment at the top shall be 3 feet.

City of Baton Rouge

Parish of

East Baton Rouge

Department of

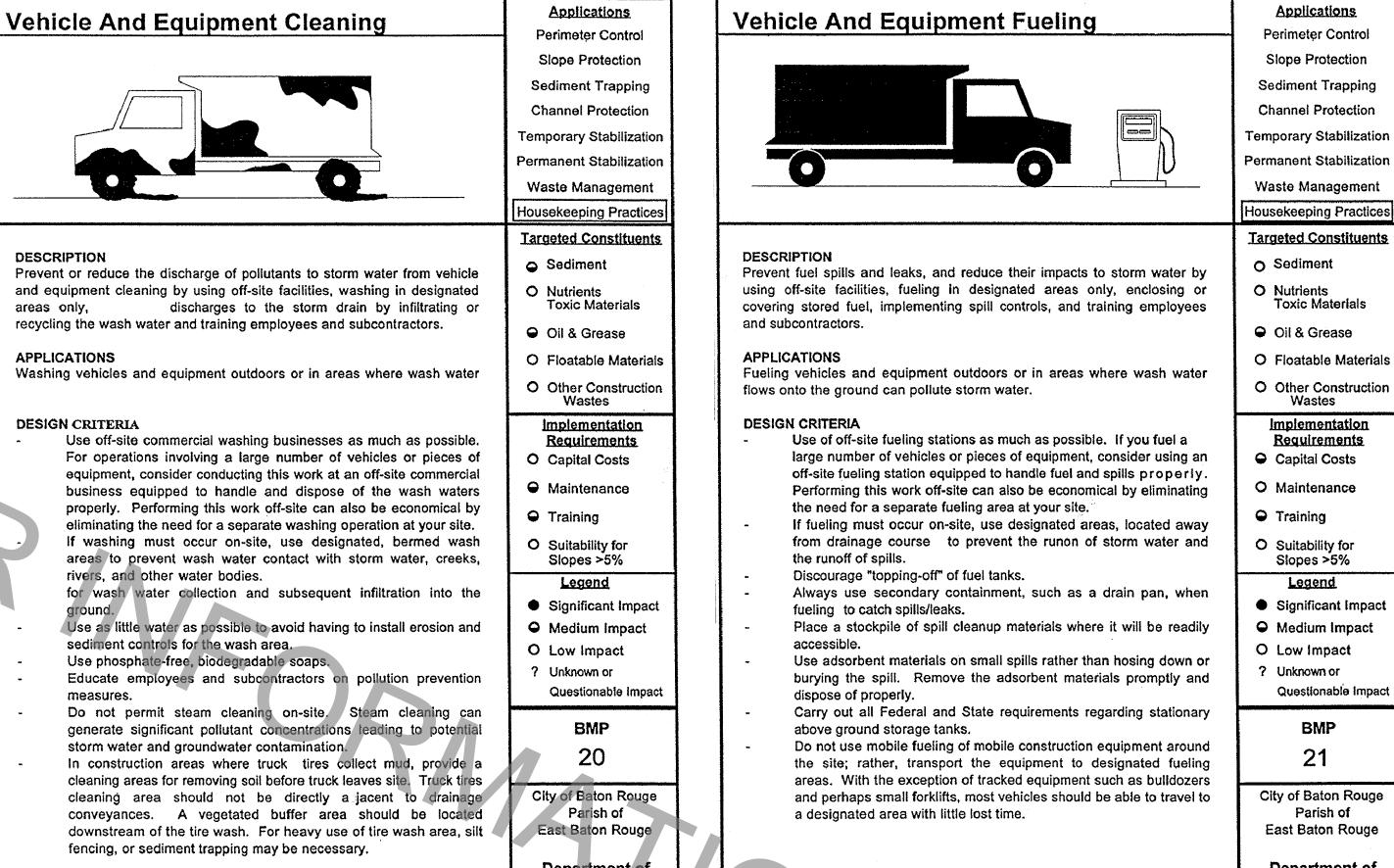
Public Works

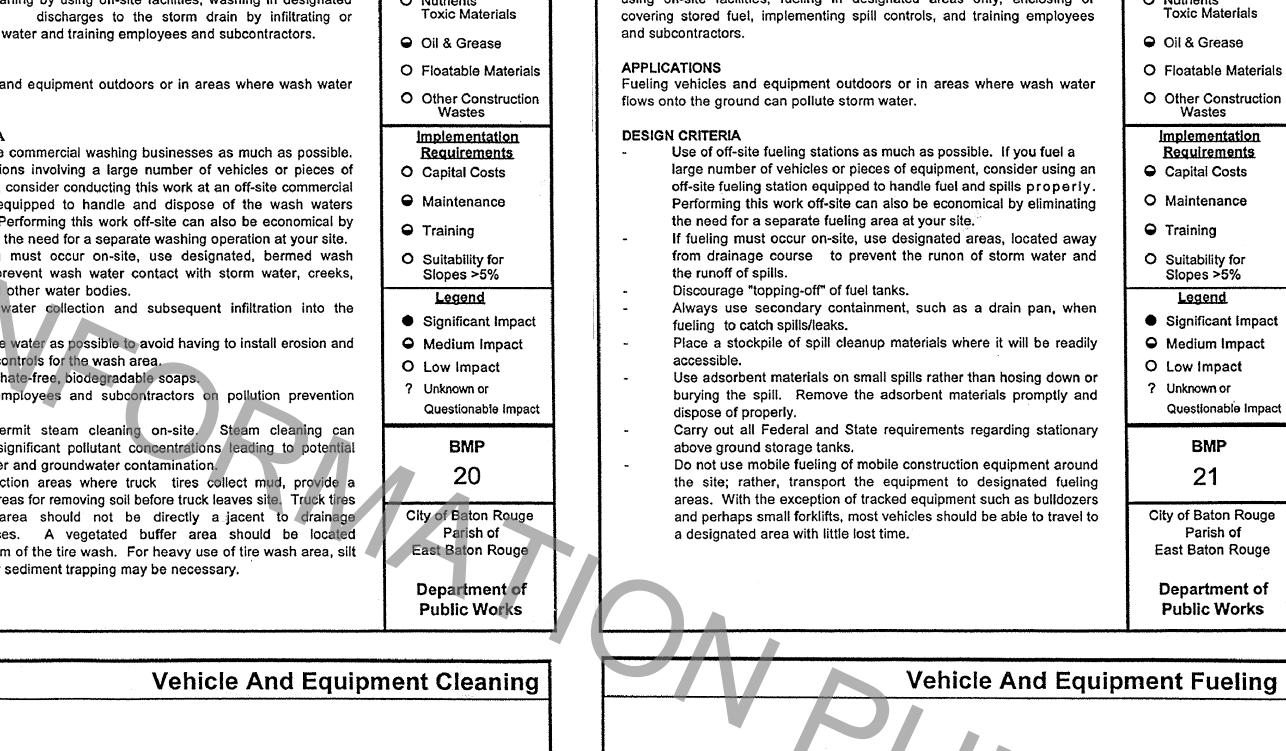
Department of

Public Works

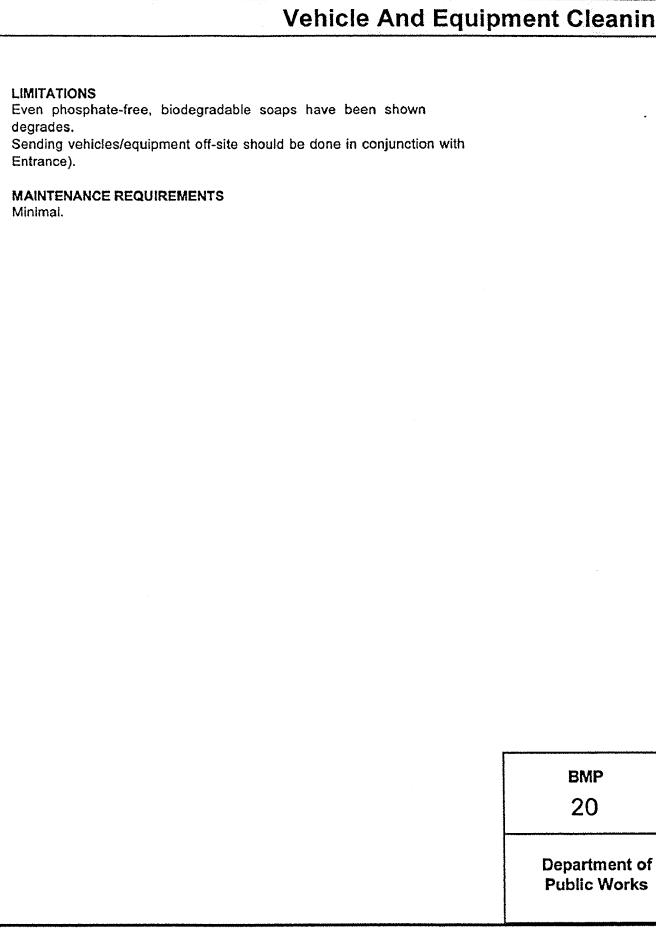
has reached a depth of one foot, whichever is less.

Minimum embankment slope shall be 3:1.





Maximum embankment height shall be 2 feet as measured from the toe of slope to the crest of the stone outlet. The height of the compacted earth embankment shall be one foot higher than the crest of the outlet. The maximum allowable flow-through rate shall be 0.1 CFS per square foot of the frontal area of the outlet structure. The effective life of the stone outlet sediment trap is approximately 18 months. LIMITATIONS Limited applications due to cost of construction, availability of materials, and the amount of land required. Can cause minor flooding upstream of dam, impacting construction operations. This technique serves as a temporary measure during construction. It should not be used for more than 18 months due to reduced efficiency. MAINTENANCE REQUIREMENTS Sediment shall be removed and the area directly behind the berm shall be regraded to its original dimensions at such point when the capacity of the impoundment has been reduced to one-half of its original storage capacity. The removed sediment shall be stockpiled or redistributed in areas which are protected from erosion. The stone outlet structure should be inspected frequently and after each major rain event to check for clogging of the void spaces between stones. If the aggregate appears to be silted in such that efficiency is diminished, the stone should be replaced.		Stone Outlet Sediment Trap
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Train employees and subcontractors in proper fueling and cleanup procedures. Sending vehicles/equipment off-site should be done in conjunction with Stabilized Construction Entrance BMP. MAINTENANCE REQUIREMENTS Keep ample supplies of spill cleanup materials on-site. inspect fueling areas and storage tanks on a regular schedule. Department of **Public Works**

STANDARD PLAN NO. 903-01 FEBRUARY 25, 2008 7 OF 11

PROJECT NO.

SHEET

STORM WATER POLLUTION PREVENTION PLAN BEST MANAGEMENT PRACTICES

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				ENGINEERIN	G DIVISION	
_			DEPAF	RTMENT OF	PUBLIC V	VORKS
_			CITY OF BATO	N ROUGE & PA	RISH OF EAST	BATON ROUGE
			DESIGNED	DRAWN	CHECKED	APPROVED
	DESCRIPTION PEVISIONS	BY	G. CHENG	G. VANNICE	G. CHENG	B. HARMON