

**TABLE YY**  
**'MINIMAL THREAT' FLOOD CONTROL ROUTINE MAINTENANCE ACTIVITIES,**  
**AVOIDANCE AND MINIMIZATION MEASURES AND**  
**BEST MANAGEMENT PRACTICES**

ACTIVITY <sup>1</sup>	SEDIMENT AND DEBRIS REMOVAL			VEGETATION MANAGEMENT			MAINTENANCE, REPAIR, REHAB, AND REPLACEMENT OF STRUCTURES							BANK STABILIZATION		TEMP WATER DIVERSION
Facility	Concrete-lined Channel	In-Channel Silt Basins	Natural Channel <sup>2</sup>	Hand or Low-impact Removal	Vegetation Management Plan	Enhancement Projects	Maintenance, Repair, or Rehab of Weirs and Gates	In-kind Replacement of Weirs or Gates	Replacement of Culverts	Bridge Replacement	Maintenance, Repair or In-kind Replacement of Piers and Pilings	Maintenance or Repair of Basins	Debris Removal in Front of Structures	Repair or Replacement with In-kind Structures; New Stabilization	Installation of Hardscape	Temporary Water Diversions
<b>AMMs<sup>4</sup></b>																
GEN-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GEN-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GEN-3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GEN-4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GEN-5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
AMP-1		X	X				X	X	X	X	X	X	X	X	X	X
AMP-2		X	X				X	X	X	X	X	X	X	X	X	X
BIR-1		X					X	X	X	X	X	X	X	X	X	X
BIR-2		X	X				X	X	X	X	X	X	X	X	X	X
BIR-3		X	X		X	X	X	X	X	X	X	X	X	X	X	X
BIR-4		X	X		X	X	X	X	X	X	X	X	X	X	X	X
FIS-1	X	X	X				X	X	X	X	X	X	X	X	X	X
INV-1									X	X	X	X	X	X	X	X
INV-2		X	X		X					X	X	X	X	X	X	X
INV-3		X	X		X		X	X	X	X	X	X	X	X	X	X
MAM-1			X		X	X	X	X	X	X	X	X	X	X	X	X
PLA-1			X				X	X	X	X	X	X	X	X	X	X
PLA-2			X				X	X	X	X	X	X	X	X	X	X
PLA-3		X	X				X	X	X	X	X	X	X	X	X	X
<b>BMPs<sup>4</sup></b>																
CU-1				X	X	X								X	X	
CU-2				X	X	X								X	X	
CU-3				X	X	X	X	X	X	X	X	X	X	X	X	
CU-4				X	X	X	X	X	X	X	X	X	X	X	X	
CU-5				X	X	X								X	X	
CU-6				X	X	X								X	X	
CU-7				X	X	X								X	X	
CU-8	X	X	X				X	X	X	X	X	X	X	X	X	
EV-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EV-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NR-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NR-2				X	X	X	X	X	X	X	X	X	X	X	X	X
NR-3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SC-1	X	X	X				X	X	X	X	X	X	X	X	X	X
SC-2	X	X	X				X	X	X	X	X	X	X	X	X	X
SC-3	X	X	X				X	X	X	X	X	X	X	X	X	X
SC-4	X	X	X				X	X	X	X	X	X	X	X	X	X
SC-5	X	X	X				X	X	X	X	X	X	X	X	X	X
SC-6	X	X	X				X	X	X	X	X	X	X	X	X	X
SS-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SS-2	X	X	X				X	X	X	X	X	X	X	X	X	X
SS-3				X	X	X	X	X	X	X	X	X	X	X	X	X
SS-4	X	X	X				X	X	X	X	X	X	X	X	X	X
VDM-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
VDM-2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
VDM-3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
VDM-4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
VR-1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
VR-2	X	X	X				X	X	X	X	X	X	X	X	X	X
VR-3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
VR-4b	X	X	X				X	X	X	X	X	X	X	X	X	X
V4-4b	X	X	X				X	X	X	X	X	X	X	X	X	X

**TABLE YY (Continued)**  
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ACTIVITY <sup>1</sup>	SEDIMENT AND DEBRIS REMOVAL			VEGETATION MANAGEMENT			MAINTENANCE, REPAIR, REHAB, AND REPLACEMENT OF STRUCTURES							BANK STABILIZATION		TEMP WATER DIVERSION
	Concrete-lined Channel	In-Channel Silt Basins	Natural Channel <sup>2</sup>	Hand or Low-impact Removal	Vegetation Management Plan	Enhancement Projects	Maintenance, Repair, or Rehab of Weirs and Gates	In-kind Replacement of Weirs or Gates	Replacement of Culverts	Bridge Replacement	Maintenance, Repair or In-kind Replacement of Piers and Pilings	Maintenance or Repair of Basins	Debris Removal in Front of Structures	Repair or Replacement with In-kind Structures; New Stabilization	Installation of Hardscape	Temporary Water Diversions
VR-5	X	X	X											X	X	
WD-1																
WD-2																
WD-3																
WD-4	X	X	X				X	X	X	X	X	X	X	X	X	X
WD-5	X	X	X				X	X	X	X	X	X	X	X	X	X

1. Activities, facilities, conditions, monitoring and reporting requirements are from Table X – Summary of 'Minimal Threat' Flood Control Routine Maintenance Activities.
2. Reference Corps general permit, if available.
3. Specific avoidance and minimization measures (AMMs) are described in detail in the *Avoidance and Minimization Measures for Federal or State Listed Species, Federal Candidate or Proposed Species, and Specie that may become Listed*.
4. Best management practices (BMPs) are from the *BASMAA Operational Permits Committee Flood Control Facility Maintenance Best Management Practices: A Manual for Minimizing Environmental Impacts from Stream and Channel Maintenance Activities*, June 2000.

**Key to Abbreviations:**

Best Management Practices

- CU = Chemical Use
- EV = Equipment and Vehicles
- NR = Natural Resource Protection and Restoration
- SC = Sediment Control
- SS = Soil Stabilization
- VDM = Vegetation and Debris Management
- VR = Velocity Reduction
- WD = Water Diversion

Avoidance and Minimization Measures

- GEN = General
- AMP = Amphibian
- BIR = Bird
- FIS = Fish
- INV = Invertebrate
- MAM = Mammal
- PLA = Plant