APPENDIX A: CMER PROJECTS, OBJECTIVES, AND TARGETS

Rule Group/ Program	CMER Projects	Status	Task Type	Priority 1 - 3: Project Priority	Direct Measure of FFR Goals			Direct or Indirect Measurement[1] of Objectives & Targets (D = direct; I = indirect; L = literature; ? = probable if implemented in future)													Other Important Issues		
					Fish	Amphib	WQ	In-Str Temp	Rip/ Wet Shade	Rip/ Wet Stand[2]	In-Str/ Wet LWD	Rip/ Wet Litter	In-Str/ Wet Hab[3]	Strm Bnk ELZ[4]	Mass Wast-ing	Rd Sed Runoff	Peak Flow	Wet-land	Fish Passage	Wind-throw	Ground-water	Intermit Flow[5]
Stream Typing Rule Group																							
Stream Typing Program (Rule Tool)																							
	Last Fish/Habitat Prediction Model Development	complete	RIT		yes	---	---	---	---	---	---	---	D	---	---	---	---	---	---	---	---	---
	Annual/Seasonal Variability	complete	R&D		yes	---	---	---	---	---	---	---	D	---	---	---	---	---	---	---	---	---
	Last Fish/Habitat Prediction Model Field Performance	complete	RIT		yes	---	---	---	---	---	---	---	D	---	---	---	---	---	---	---	---	---
	Default Physicals Criteria Assessment	in prog	RIT		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Fish/Habitat Detection Using Envionmental DNA (eDNA) Pilot	complete	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Fish/Habitat Detection Using Envionmental DNA (eDNA)	delayed	RIT																			
	Evaluation of physical features that define fish habitat in forested landscapes (PHB)	in prog	RIT		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Anadromous Fish Floor	in prog	RIT																			
Stream Typing Program (Extensive Status and Trends Monitoring)																							
	Recoverable/Restorable Fish Habitat	delayed	EXT		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Type N Riparian Prescriptions Rule Group																							
Type N Delineation Program (Rule Tool)		complete																					
	Perennial Initiation Point Survey: Pilot Study	complete	RIT		---	---	---	---	---	---	---	---	D	---	---	---	---	---	---	---	---	D
Sensitive Site Program (Rule Tool)																							
	SAA Sensitive Sites Identification Methods	complete	RIT		---	yes	---	---	---	---	---	---	D	---	---	---	---	---	---	---	---	---
	SAA Sensitive Sites Characterization	complete	RIT		---	yes	---	---	---	---	---	---	D	---	---	---	---	---	---	---	---	D
Type N Riparian Effectiveness Program																							
	Westside Type N Buffer Characteristics, Integrity, and Function (BCIF)	complete	EFF	1	---	---	---	I	D	D	D	---	I	D	---	---	---	---	---	D	---	---
	Type N Exp Buffer Treatment Feasibility Study	complete	R&D	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Type N Exp Buffer Treatment in Hard Rock Lithologies- Phase 1	complete	EFF	1	yes	yes	yes	D	D	D	D	D	D	D	---	D	D	---	---	D	---	D
	Type N Exp Buffer Treatment in Hard Rock Lithologies (Extended Monitoring: Amphibian Demographics/Channel Metrics)- Phase 2	complete	EFF	1	yes	yes	yes	D	D	D	D	D	D	D	---	D	D	---	---	D	---	D
	Type N Exp Buffer Treatment in Hard Rock Lithologies (Extended Monitoring: Temperature, Sediment, Vegetation, Litterfall)- Phase 2	complete	EFF	1	yes	yes	yes	D	D	D	D	D	D	D	---	D	D	---	---	D	---	D
	Type N Exp Buffer Treatment in Hard Rock Lithologies (Extended Monitoring: Amphibian Demographics and responses of interest)- Phase 3	complete	EFF	1	---	yes	---	?	?	?	?	---	?	---	---	---	?	---	---	?	---	---
	Type N Exp Buffer Study in Soft Rock Lithologies	complete	EFF	1	---	---	yes	D?	D?	D?	?	?	?	D?	---	D?	D?	---	---	D?	I	I?
	Windthrow Frequency, Distribution, and Effects	delayed	EFF	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	D?	---	---
	Eastside Type N Buffer Characteristics, Integrity, and Function (BCIF) merged with ENREP study.	in prog	EFF	3	---	---	yes	D?	D?	D?	D?	---	---	D?	---	---	---	---	---	D?	---	---
	Eastside Type N Forest Hydrology	complete	RIT	1	---	yes	yes	I	---	I	---	---	---	---	---	---	---	---	---	---	I	D
	Eastside Type N Riparian Effectiveness	in prog	EFF	1	---	yes	yes	D	D	D	D?	D	D	D	---	D?	D?	---	---	D	---	D
	Eastside Ns Effectiveness	delayed	EFF		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Literature Review and Synthesis Related to the Salvage of Fire Damaged Timber	complete	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Sensitive Sites and Amphibian Project	delayed	RIT		---	yes	---	?	?	---	D	---	D	---	---	---	---	---	---	---	D	?
	Slash in Type N Streams	delayed	EFF		---	yes	---	?	D	I	D	D	D	---	---	---	---	---	---	I	---	---
Type N Amphibian Response Program (Effectiveness)																							
	SAA Detection/Relative Abundance Methodology	complete	R&D		---	yes	---	---	---	---	---	---	D	---	---	---	---	---	---	---	---	D
	Type N Exp Buffer Treatment in Hard Rock Lithologies[6]	complete	EFF	1	yes	yes	yes	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Tailed Frog Literature Review	complete	R&D		---	yes	---	L	L	L	L	L	L	L	L	L	L	---	---	L	---	L
	Tailed Frog Meta-Analysis	complete	R&D		---	yes	---	---	---	---	---	---	I	---	---	---	---	---	---	---	---	I
	Tailed Frogs and Parent Geology	delayed	R&D		---	yes	---	---	---	---	---	---	D?	?	?	?	---	---	---	?	---	?
	Dunn's Salamander	complete	R&D		---	yes	---	---	D	D	---	D	---	---	---	---	---	---	---	---	---	---
	Buffer Integrity - Shade Effectiveness	complete	EFF	1	---	yes	yes	D	D	---	---	---	D	---	---	---	---	---	---	I	---	---
	Amphibian Recovery	complete	EFF		---	yes	yes	D	D	D	D	---	D	I	---	---	---	---	---	D	---	I
	Water Temperature and Amphibian use in Type Np Waters with Discontinuous Surface Flow	in prog	R&D	2	---	yes	---	?	?	---	?	---	D?	---	---	---	?	---	---	---	---	D?
	Van Dyke's Salamander Literature Review	complete	R&D		---	yes	---	?	?	?	?	?	?	?	?	?	?	?	?	---	---	D?
	Van Dyke's Salamander	add	R&D		---	yes	---	?	?	?	?	?	?	?	?	?	?	?	?	---	---	D?
	Eastside Amphibian Evaluation	delayed	R&D		---	yes	---	?	?	?	?	?	?	?	?	?	?	?	?	---	---	D?
	Type N Hard Rock Phase III Amphibian Demographics	in prog	R&D																			
	Type N Hard Rock Phase III Amphibian Demographics	add	R&D																			
Extensive Riparian Status and Trends Monitoring Program																							
	Type F Extensive East & Westside - Vegetation (Baseline status)	complete	EXT	3																		
	Type F Extensive East & Westside - Temperature (Baseline status)	complete	EXT	1																		
	Type N Extensive Westside - Temperature (Baseline status)	complete	EXT	1																		
	Type N Extensive Eastside - Temperature (Baseline status)	complete	EXT	2																		

Rule Group/ Program	CMER Projects	Status	Task Type		Direct Measure of FFR Goals: Fish	Amphib	WQ	Direct or Indirect Measurement[1] of Objectives & Targets (D = direct; I = indirect; L = literature; ? = probable if implemented in future): In-Str Temp	Rip/ Wet Shade	Rip/ Wet Stand[2]	In-Str/ Wet LWD	Rip/ Wet Litter	In-Str/ Wet Hab[3]	Strm Bnk ELZ[4]	Mass Wast-ing	Rd Sed Runoff	Peak Flow	Wet-land	Fish Passage	Other Important Issues: Wind-throw	Ground-water	Intermit Flow[5]
	Extensive Riparian Status and Trends Monitoring- Temperature, Type F/N Westside	in prog	EXT		---	---	yes	D	D	I	D	---	D	D	---	---	---	---	---	---	---	---
	Extensive Riparian Status and Trends Monitoring- Temperature, Type F/N Eastside	in prog	EXT		---	---	yes	D	D	I	D	---	D	D	---	---	---	---	---	---	---	---
	Extensive Riparian Status and Trends Monitoring- Vegetation, Type F/N Westside and Eastside	in prog	EXT		---	---	---	?	?	?	---	?	---	---	---	---	---	---	---	?	---	---
	Riparian Characteristics and Shade Response Study	in prog	INT		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Wood Recruitment Volume and Source Distances from Riparian Buffers	---	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Type F Riparian Prescriptions Rule Group																						
DFC Validation Program (Rule Tool)																						
	DFC Target Validation	complete	RIT		---	---	---	---	---	D	---	---	---	---	---	---	---	---	---	---	---	---
	~~DFC Plot Width Standardization (scoping)~~	withdrawn	R&D		---	---	---	---	---	?	?	---	?	---	---	---	---	---	---	---	---	---
	FPA Desktop Analysis (includes field analysis)	complete	RIT		---	---	---	---	---	D	---	---	---	---	---	---	---	---	---	---	---	---
	DFC Site Class Map Validation (scoping)	delayed	RIT		---	---	---	---	---	?	---	---	---	---	---	---	---	---	---	---	---	---
	DFC Trajectory Model Validation	delayed	R&D		---	---	---	---	---	?	?	---	---	---	---	---	---	---	---	---	---	---
	DFC Aquatic Habitat	delayed	R&D		---	---	---	---	---	?	?	---	?	---	---	---	---	---	---	---	---	---
	Pathways of Riparian Stand Development to Maturity	delayed	R&D		---	---	---	---	---	?	---	---	---	---	---	---	---	---	---	---	---	---
	Red Alder Growth and Yield Model (coop. contribution)	complete	R&D		---	---	---	---	---	D	---	---	---	---	---	---	---	---	---	---	---	---
Eastside Type F Riparian Rule Tool Program																						
	Eastside Disturbance Regime Literature Review	complete	R&D		---	---	---	---	L	L	L	L	---	---	L	---	---	---	---	L	---	---
	Eastside LWD Literature Review	complete	R&D		---	---	---	---	L	L	L	L	L	---	---	---	---	---	---	L	---	---
	Eastside Temperature Nomograph	incomplete	RIT		---	---	yes	D	D	---	---	---	---	---	---	---	---	---	---	---	---	---
	Eastern WA Riparian Assessment (EWRAP)	complete	R&D	1	---	---	---	---	D	D	D	D	D	---	---	---	---	---	---	D	---	---
	Eastside Modeling Evaluation (EMEP)	complete	RIT		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Eastside Timber Habitat Evaluation (ETHEP)	in prog	RIT		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Eastside Type F Channel Wood Characterization	delayed	R&D		---	---	---	---	D	I	D	I	D	---	---	---	---	---	---	D	---	---
Bull Trout Habitat Identification Program (Rule Tool)																						
	Bull Trout Presence/Absence Protocols	complete	RIT	1	yes	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Bull Trout Habitat Prediction Models	complete	RIT	1	yes	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Yakima River Radiotelemetry	complete	R&D		yes	---	---	---	---	---	---	---	D	---	---	---	---	---	---	---	---	---
Westside Type F Riparian Effectiveness Program																						
	Westside Type F Riparian Prescription Monitoring (Pending EXMO results)	delayed	EFF	2	---	---	---	?	?	?	?	---	?	?	---	---	---	---	---	?	---	---
	Westside Type F Experimental Buffer Treatment	in prog	EFF	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Type F Performance Target Validation	delayed	EFF		---	---	---	---	---	?	?	---	?	?	---	---	---	---	---	---	---	---
Eastside Type F Riparian Effectiveness Program																						
	BTO Temperature (Eastside Riparian Shade/Temperature)	complete	EFF	1	---	---	yes	D	D	D	---	---	---	---	---	---	---	---	---	---	---	D
	Solar Radiation/Effective Shade	complete	EFF	1	---	---	---	I	D	---	---	---	---	---	---	---	---	---	---	---	---	---
	Eastside Type F Riparian Effectiveness Monitoring (BTO add-on)	complete	EFF	1	---	---	---	---	---	D	D	---	I	D	---	---	---	---	---	D	---	---
	~~Groundwater Conceptual Model~~	withdrawn	R&D		---	---	---	I	---	---	---	---	---	---	---	---	---	---	---	---	I	---
Hardwood Conversion Program (Effectiveness)																						
	Riparian Hardwood Conversion	complete	EFF	1	---	---	---	---	---	D	---	---	---	---	---	---	---	---	---	?	---	---
	Riparian Hardwood Conversion - Temperature Component	complete	EFF		---	---	yes	D	D	---	---	---	I	---	---	---	---	---	---	---	---	---
	~~Annotated Bibliography: Riparian Hardwood Conversion~~	withdrawn	R&D		---	---	---	?	---	L	---	---	---	---	---	---	---	---	---	---	---	---
	WDOE Water Temperature Modeling	complete	R&D		---	---	---	I	I	I	---	---	---	---	---	---	---	---	---	---	---	---
Intensive Monitoring/Cumulative Effects Program: No projects yet identified.		delayed	INT																			

Rule Group/ Program	CMER Projects	Status	Task Type	Direct Measure of FFR Goals: Fish	Amphib	WQ	Direct or Indirect Measurement[1] of Objectives & Targets (D = direct; I = indirect; L = literature; ? = probable if implemented in future): In-Str Temp	Rip/ Wet Shade	Rip/ Wet Stand[2]	In-Str/ Wet LWD	Rip/ Wet Litter	In-Str/ Wet Hab[3]	Strm Bnk ELZ[4]	Mass Wast-ing	Rd Sed Runoff	Peak Flow	Wet-land	Fish Passage	Other Important Issues: Wind-throw	Ground-water	Intermit Flow[5]
Channel Migration Zone Rule Group																					
CMZ Delineation Program																					
	~~CMZ Screen and Aerial Photo Catalog and CMZ Boundary Identification Criteria~~	withdrawn	RIT	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Consistency and Accuracy of CMZ Boundary Delineations	delayed	RIT	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CMZ Validation Program: No projects yet identified.																					
Unstable Slopes Rule Group						1															
Unstable Landform Identification Program (Rule Tool)																					
	Shallow Rapid Landslide Screen for GIS (Westside)	complete	RIT	---	---	---	---	---	---	---	---	---	---	I	---	---	---	---	---	---	---
	Shallow Rapid Landslide Screen for GIS (Eastside)	delayed	RIT	---	---	---	---	---	---	---	---	---	---	I?	---	---	---	---	---	---	---

Rule Group/ Program	CMER Projects	Status	Task Type		Direct Measure of FFR Goals			Direct or Indirect Measurement[1] of Objectives & Targets (D = direct; I = indirect; L = literature; ? = probable if implemented in future)												Other Important Issues		
					Fish	Amphib	WQ	In-Str Temp	Rip/ Wet Shade	Rip/ Wet Stand[2]	In-Str/ Wet LWD	Rip/ Wet Litter	In-Str/ Wet Hab[3]	Strm Bnk ELZ[4]	Mass Wast-ing	Rd Sed Runoff	Peak Flow	Wet-land	Fish Passage	Wind-throw	Ground-water	Intermit Flow[5]
	Technical Guidelines for Geotechnical Reports	complete	RIT		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Regional Unstable Landforms Identification (Deep-Seated Screen)	complete	RIT		---	---	---	---	---	---	---	---	---	---	I	---	---	---	---	---	---	---
	Landform Hazard Classification System and Mapping Protocols	complete	R&D		---	---	---	---	---	---	---	---	---	---	I	---	---	---	---	---	---	---
	Landslide Hazard Zonation (priority 1 and 2 watersheds)	complete	RIT		---	---	---	---	---	---	---	---	---	---	D	---	---	---	---	---	---	---
	~~Landslide Hazard Zonation (priority 3 watersheds)~~	withdrawn	RIT		---	---	---	---	---	---	---	---	---	---	D	---	---	---	---	---	---	---
Glacial Deep-Seated Landslides Program (Rule Tool)																						
	Model Evapo-Transpiration in Deep-Seated Landslide Recharge Areas	complete	RIT		---	---	---	---	---	---	---	---	---	I	I	---	---	---	---	---	I	---
	Evapo-Transpiration Model Refinement	delayed	R&D		---	---	---	---	---	---	---	---	---	---	I?	---	---	---	---	---	---	---
	Glacial Deep-Seated Landslides and Groundwater Recharge Literature Synthesis	complete	RIT		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	L	---
	Groundwater Recharge Modeling	delayed	R&D		---	---	---	---	---	---	---	---	---	---	I?	---	---	---	---	---	D	---
	Glacial Deep-Seated Landslide Map	in prog	RIT		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Landslide Classification	in prog	RIT		---	---	---	---	---	---	---	---	---	---	I?	---	---	---	---	---	I	---
	Board Manual Revision	complete	RIT		---	---	---	---	---	---	---	---	---	---	I?	---	---	---	---	---	I	---
Mass Wasting Effectiveness Monitoring Program																						
	Unstable Slopes Criteria	in prog	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Non-Glacial Deep-Seated Landslides and Groundwater Recharge Literature Synthesis	complete	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Deep-Seated Landslide Research Strategy	in prog	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Mass Wasting Effectiveness Monitoring (aka Post-Mortem)	complete	EFF	1	---	---	---	---	---	---	D	---	I	I	D	D	I	---	---	---	---	---
	~~Mass Wasting Landscape-Scale Extensive Monitoring~~	withdrawn	EFF		---	---	---	---	---	---	---	---	---	---	D?	---	---	---	---	---	---	---
	~~Mass Wasting Buffer Integrity and Windthrow Assessment~~	withdrawn	EFF		---	---	---	---	---	---	---	---	---	---	D?	---	---	---	---	D?	---	---
Mass Wasting Validation Program (Intensive): No projects yet identified.																						
Roads Rule Group																						
Road Sub-Basin-Scale Effectiveness Monitoring Program																						
	Road Sub-Basin-Scale Effectiveness Monitoring (Phase 1)	complete	EFF	1	---	---	I	---	---	---	---	---	---	---	---	D	I	---	I	---	---	---
	Road Sub-Basin-Scale Effectiveness Monitoring (Phase 2)	delayed	EFF	1																		
	Road Surface Erosion Model Update	complete	RIT		---	---	---	---	---	---	---	---	---	---	---	D	---	---	---	---	---	---
	Road Surface Erosion Model Validation/Refinement	delayed	R&D		---	---	---	---	---	---	---	---	---	---	---	D?	---	---	---	---	---	---
Road Prescription-Scale Effectiveness Monitoring Program																						
	Effectiveness of RMAP Fixes	in prog	EFF	3	---	---	---	---	---	---	---	---	---	---	---	D?	D?	---	D?	---	---	---
	Road Prescription-Scale Effectiveness Monitoring	in prog	EFF	3	---	---	---	---	---	---	---	---	---	---	D	D	I	---	---	---	---	---
Roads Validation Program and Cumulative Sediment Effects																						
	Intensive Watershed-Scale Monitoring to Assess Cumulative Effects	delayed	INT	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Fish Passage Rule Group																						
~~Fish Passage Effectiveness/Validation Monitoring Program: No projects yet identified.~~		withdrawn																				
Extensive Fish Passage Monitoring Program																						
	Extensive Fish Passage Trends Monitoring (Study Design)	complete	EXT		---	---	---	---	---	---	---	---	---	---	---	---	---	---	I	---	---	---
	Extensive Fish Passage Trends Monitoring (Implentation)	delayed	EXT																			
Pesticides Rule Group																						
Forest Chemicals Program (Effectiveness and Validation): No projects yet identified.																						
Wetlands Protection Rule Group																						
Forested Wetlands Effectiveness Program																						
	Forested Wetlands Effectiveness	in prog	EFF	2	---	---	yes	D?	D	D	D?	---	D	---	---	---	---	D	---	---	D?	D?
	Forest Practices and Wetlands Systematic Literature Review	complete	R&D	1	yes	yes	yes	L	L	L	L	L	L	---	L	L	L	L	L	L	L	L
	Forested Wetlands Literature Review and Workshop	complete	R&D	2	---	---	---	L	L	L	L	L	L	---	L	L	L	L	L	L	L	L
	Statewide Forested Wetlands Regeneration Pilot	complete	EFF	2	---	---	---	---	---	D	---	---	---	---	---	---	---	D	---	---	---	---
Wetland Management Zone Effectiveness Monitoring Program																						
	Wetland Management Zone Effectiveness Monitoring	scoping	EFF	2	yes	yes	yes	D	D	D	D	D	D	D	D	D	I?	D	D	D	I?	D?
Forest Roads and Wetlands Program																						
	Roads Effects on Wetlands	---	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	~~Wetlands Mitigation Effectiveness (Pilot Study)~~	withdrawn	EFF		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	~~Wetlands Mitigation Effectiveness (Phase 1)~~	withdrawn	EFF		---	---	yes	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	~~Wetlands Mitigation Effectiveness (Phase 2)~~	withdrawn	EFF		yes	yes	yes	D?	D?	D?	?	?	I?	---	D?	D?	I?	D?	I?	D?	I?	D?
Wetland Intensive Monitoring Program																						
	Wetlands Intensive Monitoring	delayed	INT	2	yes	yes	yes	D?	D?	D?	D?	?	D?	?	D?	D?	D?	D?	D?	D?	D?	?
Wetland Mapping Program																						
	Wetland Intrinsic Potential Tool (WIP)	complete	RIT	2	---	---	I?	---	---	---	---	---	D?	---	---	---	---	D?	---	---	---	I?
Silvicultural Chemicals and Wetlands Program: No projects yet identified.																						
Wildlife Rule Group																						

Wildlife Program																							
RMZ Resample	complete	EFF		---	yes	---	---	---	D	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Intensive Watershed-Scale Monitoring to Assess Cumulative Effects: No projects yet identifi	delayed	EFF	2																				

NOTES

Status:

In Progress: Site selection, data collection, analysis, or report writing (in prog)
Complete: Final CMER approved report (complete)
Scoping: Currently being scoped (scoping)
Delayed: Planned, but not yet scoped; or delayed due to funding, prioritization, etc. (delayed)
Add: Projects that are under consideration for adding to the work plan
Withdrawn: Project is not currently a priority for CMER.

Task Type:

Monitoring Type: Effectiveness (EFF); Intensive/Cumulative Effects (INT); Extensive Status and Trends (EXT)
Rule and Project Tools: Rule Implementation Tools (RIT) needed to correctly implement the rules; includes accurately delineating prescription boundaries
Research & Development (R&D) includes literature reviews and development of research protocols

(1) Direct or Indirect Measurement: Direct = actual field measurement; Indirect = modeling/correlations, etc.
(2) Riparian/Wetland Stand Objectives/Targets include windthrow, potential LWD recruitment, DFC basal area targets, and other stand conditions, etc.
(3) In-Stream/Wetland Habitat Objectives/Targets include fish and amphibian habitat ID, substrate, flow, etc.
(4) Stream Bank/Equipment Limitation Zone (ELZ) includes bank erosion, delivery of sediment from the ELZ
(5) "Intermit Flow" refers to spatially intermittent flow below the uppermost point of perennial flow in Type Np streams.
(6) Type N Exp Buffer Treatment in Hard Rock Lithologies: This project is repeated in two programs (Type N Effectiveness and Amphibian Response); however, the designation of functions is shown only once in order to not overdesignate projects that address those functions. The functions are designated under the Type N Effectiveness Program.