

Type of HCVA	Summary of selection and dedication process	Type of mgt plan/who prepares plan	Monitoring		Monitoring interval	Recommended changes to Mgt Plan or treatments to maintain /conserve	Record keeping
			Program Monitoring: Reviews the status of the over all system of HCVAs and ERAs.	Resource Monitoring Reviews the status of the management activities and resource values at the operational level.			
Dedicated State Natural Area (SNA)	Part 351 Wilderness and Natural Areas of Public Act 451 Natural Resources and Environmental Protection Act of 1994, as amended	HCVA and ERA Baseline Information and Management Form/DNR field staff with Wildlife Division (WLD), Natural Areas Program	Wildlife Division, as part of Natural Areas network Forest, Mineral and Fire Management Division (FMFM) as part of Conservation & Biodiversity Program	FMFM, Field surveys and inspections/DNR Field Staff	Various: Resource monitoring in OI/IFMAP at least every 10 years; Opportunistic field surveys as needed. Program monitoring = annual reporting.	Through channels to WLD, Natural Areas Program & FMFM Conservation & Biodiversity program. Approval through management and decision making processes (various).	FMU Compartment Records (electronic database & files); WLD, Natural Areas Program files FMFM, Conservation & Biodiversity Program files
DEQ Coastal Environmental Area (EA)	Part 323 Shorelands Protection and Management of Public Act 451 Natural Resources and Environmental Protection Act of 1994, as amended of the Michigan Compiled Laws	A review program requires the affected property owner to make application to the Department of Environmental Quality (DEQ) for any dredging, filling, grading or other alteration of the soil, natural drainage or vegetation, or placement of permanent structures. Note, there are some wildlife management plans coincident with EAs, however the majority of EAs do not have site specific plans.	DEQ FMFM: as part of Conservation & Biodiversity Program	MDNR Land Use Permits, DEQ Permit Review/DNR Field Staff, DEQ Shorelands Protection Unit Staff	Various: Resource monitoring in OI/IFMAP at least every 10 years; Opportunistic field surveys as needed; Year of Use Permit, Review of all Permits as issued	Through channels to FMFM Conservation & Biodiversity program. Approval through management and decision making processes (various) in consultation with DEQ Staff	FMU Compartment Records (electronic database & files); FMFM Conservation & Biodiversity Program files; FMU Land Use Permit files, DEQ Office Permit files
DEQ Critical Dune (CD)	Part 353 Sand Dunes Protection and Management of Natural Resources and Environmental Protection Act 451 of 1994	Michigan's most unique and fragile sand dunes are protected by minimizing the impacts of development within designated critical dune areas along the Great Lakes shoreline. Earthmoving, vegetation removal, and construction activities within a critical dune area are regulated through a permit program administered by the Department of Environmental Quality (DEQ). There are no site specific plans.	DEQ FMFM: as part of Conservation & Biodiversity Program	MDNR Land Use Permits, DEQ Permit Review/DNR Field Staff, DEQ Shorelands Protection Unit Staff	Various: Resource monitoring in OI/IFMAP at least every 10 years; Opportunistic field surveys as needed; Year of Use Permit, Review of all Permits as issued	Through channels to FMFM Conservation & Biodiversity program. Approval through management and decision making processes (various) in consultation with DEQ Staff.	FMU Compartment Records (electronic database & files); FMFM Conservation & Biodiversity Program files; FMU Land Use Permit files, DEQ Office Permit files
Ecological Reference Area (ERA)	Selected via DNR approval of Work Instruction 1.4 Biodiversity Management on State Forest Lands, June 2005	HCVA and ERA Baseline Information and Management Form/FMU with the FMFM, Conservation & Biodiversity Program.	FMFM as part of Conservation & Biodiversity Program	FMFM, Field surveys and inspections/DNR Field Staff ; Michigan State University Extension (MSUE), Michigan Natural Features Inventory (MNFI) to conduct surveys of all ERAs in 2006-07.	Various: Resource monitoring in OI/IFMAP at least every 10 years; Opportunistic field surveys. Program monitoring = annual reporting	Through channels to FMFM Conservation & Biodiversity Program. Approval through management and decision making processes (various).	FMU Compartment Records (electronic database & files); FMFM Conservation & Biodiversity Program files
Endangered Species Management - Kirtland Warbler (KW)	Federal Endangered Species Act - Public Review Through the Federal Register and Participation by a Federal Recovery Team	USFWS Kirtland Warbler Recovery Plan (note: the federal endangered species recovery goal of 1,000 singing males has been reached.) A rolling Ten Year Kirtland Warbler Habitat Management Plan requires adapting management consistently based on the current and potential configuration of jack pine nesting areas. Federal Recovery Team, WLD Endangered Species Coordinator and Local Wildlife Biologist	Endangered Species Recovery Plan and Kirtland Warbler Habitat Management Plan implementation is tracked via recovery planning team meetings. KW Recovery Team, WLD Endangered Species Program and local WLD Biologist; FMFM as part of Conservation & Biodiversity Program.	Annual bird censuses are done for singing males as an index of the general population by targeting complete coverage of suitable nesting habitat. Information provided to partners./ DNR Endangered Species Program, DNR Field Staff, US Forest Service, Huron Manistee National Forest, the US Fish and Wildlife Service and volunteers. FMFM, Field surveys and inspections.	Various: Resource monitoring in OI/IFMAP at least every 10 years; Opportunistic field surveys as needed; Annual population census	WLD Endangered Species Coordinator and Local Wildlife Biologist with FMU Manager. Work with federal recovery team.	FMU Compartment Records (electronic database & files), FMFM Conservation & Biodiversity Program files, Endangered Species Program files, Local Wildlife Biologist files
Endangered Species Management - Piping Plover (PP)	Federal Endangered Species Act - Public Review Through the Federal Register and Participation by a Federal Recovery Team	USFWS Piping Plover Recovery Plan, Federal Recovery Team and WLD Endangered Species Coordinator and local Wildlife Biologist	USFWS Piping Plover Recovery Team; WLD Endangered Species Coordinator and local WLD Biologist; FMFM as part of Conservation & Biodiversity Program	Annual bird census are done by Recovery Team partners, contractors, Parks and Recreation Bureau staff, and Wildlife Biologists	Various: Resource monitoring in OI/IFMAP at least every 10 years; Opportunistic field surveys as needed; Annual population census	WLD Endangered Species Coordinator and Local Wildlife Biologist with FMU Manager. Work with federal recovery team.	Compartment Records (electronic database & files), FMFM Conservation & Biodiversity Program files; Endangered Species Program files, Local Wildlife Biologist files
Quiet Area - Sand Lakes (QA-SL)	Land Use Order of the Director 4.25	Sand Lakes Quiet Area Management Plan - November 1982	FMFM: as part of Conservation & Biodiversity Program	FMFM, Field surveys and inspections/DNR Field Staff	Various: Resource monitoring in OI/IFMAP at least every 10 years; Opportunistic field surveys as needed. Conservation & Biodiversity Program monitoring annual reporting .	Through channels to FMFM Conservation & Biodiversity Program. Approval through management and decision making processes (various).	Compartment Records (electronic database & files), FMFM Conservation & Biodiversity Program files; Endangered Species Program files, Local Wildlife Biologist files
State Natural or Scenic River (SNR)	State of Michigan, Part 305 of Public Act 451 of 1994	Natural River Plans for each river are prepared by the Fisheries Division (FSD), Natural Rivers program staff. Administrative Rules for must be promulgated, for each designated State Natural River. There are also Public Facility Rules.	FSD, Natural Rivers Program staff, FMFM as part of Conservation & Biodiversity Program	Fisheries Division (FD) Natural Rivers Program (NRP) administers, tracks or reviews and audits public and private land zoning administration, permit variance and other DEQ applications. FD river patrols (for violations); FMFM, Field surveys and inspections.	Various: Resource monitoring in OI/IFMAP at least every 10 years; Opportunistic field surveys as needed. Program monitoring annual reporting, continuous and periodic.	Through channels to FMFM Conservation & Biodiversity Program. Approval through management processes and decision making (various) in consultation with FSD, Natural Rivers staff.	FMU Compartment Records (electronic database & files), FMFM Conservation & Biodiversity Program files, FSD Natural River Program files