



# Rhode Island Wildlife Action Plan

## Appendix 4

**APPENDIX 4: CONSERVATION ACTIONS**

**Appendix 4. Conservation Action Classification System used in the RI WAP**

This appendix lists the conservation actions, inventory, research and monitoring need categories and codes used in the RI WAP process. Actions listed in Chapter 4 and the Species and Habitat Profiles were prioritized after a review of existing relevant local, state, regional, national and international conservation plans compiled for this WAP effort (Element 4). This table presents the final TRACS actions and codes applied to all RI WAP actions developed to address the threats identified by RI DEM DFW and its partners (Appendix 3) using the NE Lexicon.

Action Level 1	Action Level 2	Action Level 3	Level 2 and 3 Output Measures
Coordination and Administration (Potential High Level Purpose: Administration)	Coordination and Administration	Agency administrative support	None
		Program/project administrative support	None
	Incentives	Incentives	None
Direct Management of Natural Resources (Potential High Level Purposes: Conservation/Management, Recreation)	Create new habitat or natural processes	Habitat conversion	Acres
		Public fishing lake construction	Acres
		Waterfowl impoundment creation	Acres
	Dam and barrier removal	Culvert work	Structures
		Dam notching	Structures
		Dam removal	Structures
		Road crossing removal	Structures
		Obstruction removal	Structures
	Fire management	Firebreak	Acres
		Fuel reduction	Acres
		Prescribed burning	Acres
	Fish and wildlife habitat structures	Artificial reef development	Structures
		Hibernacula	Structures
		Nesting habitat improvements	Structures
		Wildlife escape structures	Structures
Grazing/farm management	Alley cropping/silvopasture	Acres	
	Farming residue management	Acres	

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Action Level 1	Action Level 2	Action Level 3	Level 2 and 3 Output Measures
		Forage use management	Acres
		Livestock heavy use area establishment	Acres
		Livestock stream crossing	Acres
		Nutrient or runoff management system	Acres
		Riparian fence installation	Acres
		Waste storage/treatment	Acres
	Hazard or infrastructure removal	Building removal	Acres
		Degraded land reconstruction	Acres
		Derelict gear (net/pot) removal	Acres
		Pavement removal	Acres
		Pier/dock removal	Acres
		Shoreline armoring removal	Acres
	Instream modification	Solid waste removal	Acres
		Channel reconfiguration	Miles
		Channel structure placement	Miles
		Nutrient improvement	Miles
		Spawning by-pass channels	Miles
		Spawning gravel placement	Miles
	Invasive species control	Streambank stabilization	Miles
		Animal - biological	Acres
		Animal - chemical	Acres
		Animal - mechanical	Acres
		Plant - biological	Acres
		Plant - chemical	Acres
	Living shorelines	Plant- mechanical	Acres
		Beach renourishment	Acres
Erosion control structures		Acres	

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Action Level 1	Action Level 2	Action Level 3	Level 2 and 3 Output Measures
		Sand dune restoration	Acres
	Planting/seeding	Coral	Acres
		Field border/hedgerow	Acres
		Food plots	Acres
		Herbaceous vegetation	Acres
		Mulching	Acres
		Plant propagation/nursery	Acres
		Submerged aquatic vegetation	Acres
		Trees/shrubs	Acres
		Vegetation buffer	Acres
		Woody debris	Acres
		Vegetation management	Chaining
	Clearing and snagging		Acres
	Dixie harrow/Lawson aerator		Acres
	Forest stand improvement		Acres
	Mowing		Acres
	Plowing/Discing		Acres
	Water management	Ditch plugs	Number
		Diversion/headgate	Number
		Drainage	Number
		Public fishing lake enhancement	Number
		Spring development	Number
		Tide gate	Number
		Waterfowl impoundment maintenance	Number
		Water control structure	Number
	Watering facilities	Number	
	Wildlife damage management		Interventions

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	Wildlife disease management		Interventions
Data Collection and Analysis (Potential High Level Purposes: Conservation/Management, Recreation)	Database development and management	Database development	Databases
		Information systems operations and maintenance	Databases
	Research, survey or monitoring - fish and wildlife populations	Abundance determination	Projects
		Age, size and sex structure	Projects
		Baseline inventory	Projects
		Food habits	Projects
		Genetics	Projects
		Movement	Projects
		Population assessment	Projects
		Reproduction	Projects
	Research, survey or monitoring - habitat	Baseline inventory	Projects
		Monitoring	Projects
	Research, survey or monitoring - utilization	Facility usage/inventory	Projects
		Harvest	Projects
		Human dimensions	Projects
	Techniques development	Artificial propagation studies	Studies
		Educational methods research	Studies
Habitat restoration methods		Studies	
Fish and wildlife research, survey and management techniques		Studies	
Education (Potential High Level Purposes: Conservation/Management, Recreation)	Educator/Instructor training	Aquatic resource education (*)	Instructors
		Hunter education - firearms (*)	Instructors
		Cumulative number of active instructors (*)	Instructors
		Cumulative hours of volunteer effort (*)	New field in funding source form.
	Student training	Aquatic resource education (*)	Students

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		Hunter education - firearms (*)	Students
		Hunter education - Archery in the Schools (*)	Students
		Hunter education - other archery (*)	Students
		Wildlife education	Students
Facilities and Areas (Potential High Level Purposes: Conservation/Management, Recreation, Administration)	Agency support facilities		Sites
	Aquatic resource education centers		Sites
	Boating access facilities	Launch ramps (*)	Number
		Docks/piers (*)	Number
		Parking areas (*)	Number
		Parking spaces (*)	Number
		Access roadways (*)	Number
		Restrooms (*)	Number
		Fish cleaning stations (*)	Number
		Shelters (*)	Number
	Boat pump out and dump stations	Pump out stations (*)	Number
		Dump stations (*)	Number
		Floating restrooms (*)	Number
		Pump out boats (*)	Number
		Gallons of sewage pumped (*)	Number
	Cooperatively managed areas for hunting	Government agency	Acres
		Private lands	Acres
	Fish passage facilities	Counting traps/stations	Number
		Downstream bypass facilities	Number
		Fish ladders	Number
Fish lifts		Number	
Nature-like fishways		Number	

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	Fish screening and related facilities		Sites	
	Hatcheries		Sites	
	Hunter education - archery ranges		Sites	
	Hunter education - classrooms		Sites	
	Hunter education - firearm shooting ranges		Sites	
	Public fishing areas/access	Carry-down access		Number
		Fishing piers		Number
		Parking areas		Number
		Jetties		Number
		Access roadways		Number
		Restrooms		Number
		Fish cleaning stations		Number
		Shelters		Number
	Transient boat tie up - primary facilities	Docks/slips (*)		Number
		Moorings (*)		Number
		Gangways (*)		Number
	Transient boat tie up - secondary facilities	Restrooms (*)		Number
		Fuel stations (*)		Number
		Laundry facilities (*)		Number
	Wildlife Management Areas	Boundary designation		Number
		Campgrounds		Number
		Dikes/levees		Number
		Observation structures		Number
Parking lots			Number	
Roads			Number	
Trails			Number	

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Action Level 1	Action Level 2	Action Level 3	Level 2 and 3 Output Measures
		Trash collection	Number
Land and Water Rights Acquisition and Protection (Potential High Level Purposes: Conservation/Management, Recreation, Administration)	Land acquisition	Fee title	Acres
		Non-fee title	Acres
	Water rights acquisition	Fee title	Acre feet
		Non-fee title	Acre feet
	Conservation area designation		Acres
Private lands agreements		Acres	
Law Enforcement (Potential High Level Purposes: Conservation/Management, Recreation)	Law enforcement		Cases
Outreach (Potential High Level Purposes: Conservation/Management, Recreation)	Partner/stakeholder engagement	Government agency	Number
		Non-governmental organization	Number
		Others	Number
	Recruitment and retention activities	For fishing and boating (SFR outreach and communications)	Number
		For hunting	Number
		For wildlife watching	Number
	WSFR program/subprogram outreach	Displays, exhibits, kiosks	Number
		Presentations, workshops, seminars, conferences	Number
		Outreach research	Number
		Brochures, Fliers	Number
		Public service announcements	Number
Stories, interviews, news releases		Number	
Trade shows	Number		
Planning (Potential High Level Purposes: Conservation/Management, Recreation, Administration)	Land use planning		Plans
	Organizational strategic and CMS planning	Organizational strategic and operational planning	Plans
		CMS planning	Plans
	Species and habitat management	Species management planning	Plans



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	planning	Listed species recovery planning	Plans
		Habitat management planning	Plans
	State Wildlife Action planning		SWAPs
	WSFR program/subprogram planning		Plans
Species Re-introduction and Stocking (Potential High Level Purposes: Conservation/Management, Recreation)	Native species restoration	Propagation and stocking	Animals
		Rehabilitation	Animals
		Translocation	Animals
	Production and stocking for recreational purposes	Forage species	Animals
		Put-and-take	Animals
		Put-grow-and-take	Animals
Technical Assistance (Potential High Level Purposes: Conservation/Management)	Environmental review	Review of proposed projects	Reviews
		Review of proposed policies and plans	Reviews
	Technical assistance	With individuals and groups involved in resource management decision making	Assists
		With private landowners	Assists