

Appendix I

Maintenance Management System (MMS) Project List

The Maintenance Management System (MMS) was established in 1982 to enhance Service-wide efforts in planning and budgeting for maintenance activities. The MMS database deals specifically with maintenance planning and budgeting. It serves to facilitate and standardize the documentation of backlogged maintenance needs - maintenance deficiencies which have gone uncorrected for 12 or more months since the deficiency arose due to lack of funding. Backlogged maintenance needs can include:

Repair and Rehabilitation - Work needed as a result of physical deterioration or functional obsolescence of buildings, other structures, facilities, or equipment. This category of maintenance may include projects that are to modify facilities for new functions, or to make improvements or additions (limited to 10% of GSF) to existing facilities to enhance their purpose or utility.

Facility and Equipment Replacement - Sometimes the most cost effective "repair" of a building, other facility, or equipment item is the replacement of it. To be eligible for listing in this MMS database, the proposed replacements must be of generally similar size and purpose. An ATV cannot be replaced with a pickup truck. A dilapidated barn cannot be replaced with a new pole shed if the pole shed's size exceeds the barn's size by more than 110%.

Backlogged maintenance needs do not include:

New buildings, other facilities, or equipment - except when they are replacing dilapidated or obsolete items of similar size and kind. New items and major capital improvements are documented in Refuge Operations Needs (RONS) database.

Unfunded custodial maintenance needs - Routine or minor maintenance activities of a custodial nature. Examples include grass mowing, snow removal, grounds maintenance, janitorial services, minor plumbing, and light bulb or window glass replacement.

Habitat restoration, rehabilitation, or maintenance - MMS maintenance needs are restricted to facilities, structures, and equipment.

Projects or items under \$5,000 - Items under \$5000 are covered by the stations annual maintenance allocation.

Attached is a table of the current project backlog for the Edwin B. Forsythe National Wildlife Refuge. The listing includes a project description and estimated cost.

MMS - Project Listing

52510 Edwin B. Forsythe NWR			FndSrc/FYGrp/Sfty		
SR: 1	CostEst: \$100	97105	Radio Equipment	R	S
RR:	CumOblig:	Replace malfunctioning low-band systems with narrow band system. This is dangerous when staff required to work alone in remote areas of the refuge especially during foul weather, out			
NR:	Backlog: \$100				
Fix type: Replace					
<File Missing>		1	<File Missing>	%Cplt:	0%

52510 Edwin B. Forsythe NWR			FndSrc/FYGrp/Sfty		
SR: 5	CostEst: \$60	98005	Refuge Office siding	R	
RR:	CumOblig: \$15	Replace deteriorated exterior T-111 siding on the headquarters. Replacement of flashing and painting included as necessary.			
NR:	Backlog: \$45				
Fix type: Repair/reha					
<File Missing>		25	<File Missing>	4037	%Cplt: 25%

52510 Edwin B. Forsythe NWR			FndSrc/FYGrp/Sfty		
SR: 12	CostEst: \$30	99004	Restroom/Kiosk Parking	R	
RR:	CumOblig: \$0	Repave walkways around the headquarters building, restroom, kiosk areas and the parking lot areas to allow ADA 504 access for handicap visitors.			
NR:	Backlog: \$30				
Fix type: Repair/reha					
<File Missing>		1	<File Missing>	%Cplt:	0%

52510 Edwin B. Forsythe NWR			FndSrc/FYGrp/Sfty		
SR: 26	CostEst: \$10	98006	Refuge Office/Shop Doors	R	
RR:	CumOblig: \$0	Replace corroded doors and doorway frames in several refuge facilities due to the coastal salt air environment.			
NR:	Backlog: \$10				
Fix type: Repair/reha					
<File Missing>		2	<File Missing>	6890	%Cplt: 0%

MMS - Project Listing

52510 Edwin B. Forsythe NWR			FndSrc/FYGrp/Sfty		
SR: 20	CostEst: \$100	99003	Lily Lake Road	R	S
RR:	CumOblig: \$0	Pave the existing gravel road to bring it to a safe standard for vehicle and staff personnel. This road provide public access around the Lily Lake. This road was determined as poor by the			
NR:	Backlog: \$100				
Fix type: Repair/reha					
<File Missing>		1	<File Missing>	%Cplt: 0%	

52510 Edwin B. Forsythe NWR			FndSrc/FYGrp/Sfty		
SR: 99	CostEst: \$100	99002	Scotts Landing Road	R	
RR:	CumOblig: \$0	Repave deteriorated Scotts Landing Road which the pavement is cracked and broken up winter climate of the northeast. This road is use to access the public boat ramp area.			
NR:	Backlog: \$100				
Fix type: Repair/reha					
<File Missing>		1	<File Missing>	%Cplt: 0%	

52512 Edwin B. Forsythe NWR - Barnegat Division			FndSrc/FYGrp/Sfty		
SR: 46	CostEst: \$30	90227	16' Boat and Motor	R	
RR:	CumOblig: \$0	Replace a leaking 16-foot boat and non-functioning engine motor needed for enforcement of endangered species, waterfowl, and refuge regulations. Includes galvanized			
NR:	Backlog: \$30				
Fix type: Replace					
<File Missing>		1	<File Missing>	2	%Cplt: 0%

52512 Edwin B. Forsythe NWR - Barnegat Division			FndSrc/FYGrp/Sfty		
SR: 18	CostEst: \$30	93040	17' Whaler and Trailer	R	
RR:	CumOblig: \$0	Replace a leaking 17-foot boat, motor, and trailer used for endangered species recovery efforts and refuge operations.			
NR:	Backlog: \$30				
Fix type: Replace					
<File Missing>		1	<File Missing>	1	%Cplt: 0%

MMS - Project Listing

52512 Edwin B. Forsythe NWR - Barnegat Division			FndSrc/FYGrp/Sfty		
SR: 39	CostEst: \$20	90220	1957 12' Aluminum Boat	R	S
RR:	CumOblig: \$0	Replace old 1957 12-foot aluminum boat, motor and trailer which are considered unsafe to operate used for migratory birds, wildlife programs and public use.			
NR:	Backlog: \$20				
Fix type: Replace					
<File Missing>		1	<File Missing>	2	%Cplt: 0%

52512 Edwin B. Forsythe NWR - Barnegat Division			FndSrc/FYGrp/Sfty		
SR: 500	CostEst: \$10	97204	Manahawkin Swamp Bridge	R	S
RR:	CumOblig: \$0	Demolish an abandoned wooden bridge to prevent a public safety hazard. General condition is poor. Live load capacity is dangerously low. No truck restriction is recommended. Repair work			
NR:	Backlog: \$0				
Fix type: Remove					
<File Missing>		1	<File Missing>	21	%Cplt: 100%

52511 Edwin B. Forsythe NWR - Brigantine Division			FndSrc/FYGrp/Sfty		
SR: 4	CostEst: \$65	89033	East Pool Water Control	R	
RR:	CumOblig: \$0	Replace a deteriorated concrete water control structure with an aluminum structure and riser. Take out a second old water control structure and fill in to create natural setting.			
NR:	Backlog: \$65				
Fix type: Replace					
<File Missing>		2	<File Missing>		%Cplt: 0%

52511 Edwin B. Forsythe NWR - Brigantine Division			FndSrc/FYGrp/Sfty		
SR: 6	CostEst: \$60	98508	Scotts Landing	R	S
RR:	CumOblig: \$0	A public boat ramp damage by vehicle ramming into bulkhead, causing a fire. The bulkhead is also undermined. Project involves replacing bulkhead and dock, grading, and covering with			
NR:	Backlog: \$60				
Fix type: Repair/reha					
<File Missing>		1	<File Missing>	44	%Cplt: 0%

MMS - Project Listing

52511 Edwin B. Forsythe NWR - Brigantine Division			FndSrc/FYGrp/Sfty			
SR: 7	CostEst: \$35	97104		Water Street/Shropshire	R	S
RR:	CumOblig: \$0	Remove and dispose of asbestos properly and then demolish the abandoned houses and garages. These facility have deteriorated to a point beyond repair, have been vandalized and have				
NR:	Backlog: \$35					
Fix type: Remove						
<File Missing>		2	<File Missing>		%Cplt: 0%	

52511 Edwin B. Forsythe NWR - Brigantine Division			FndSrc/FYGrp/Sfty			
SR: 8	CostEst: \$50	97101	C	1988 Ram and Van	R	
RR:	CumOblig: \$0	Replace aging pickup truck (1988 Dodge Ram 8/99 - mileage 50,000) and Van (1992 Astro Van - 80,000 miles) used to support wildlife and public use programs.				
NR:	Backlog: \$50					
Fix type: Replace						
<File Missing>		1	<File Missing>		%Cplt: 0%	

52511 Edwin B. Forsythe NWR - Brigantine Division			FndSrc/FYGrp/Sfty			
SR: 24	CostEst: \$16	93006		Visitor Center Carpeting	R	
RR:	CumOblig: \$0	Replace worn-out carpeting in the headquarters' auditorium that has been stained and matted down.				
NR:	Backlog: \$16					
Fix type: Repair/reha						
<File Missing>		1	<File Missing> 4037		%Cplt: 0%	

52511 Edwin B. Forsythe NWR - Brigantine Division			FndSrc/FYGrp/Sfty			
SR: 10	CostEst: \$15	98506		Rovins House	R	S
RR:	CumOblig: \$0	Demolish an abandoned two-story concrete masonry structure. Public dumping and mice infestations have made this site a health hazard to refuge employees and the visiting				
NR:	Backlog: \$15					
Fix type: Remove						
<File Missing>		1	<File Missing>		%Cplt: 0%	

MMS - Project Listing

52511 Edwin B. Forsythe NWR - Brigantine Division			FndSrc/FYGrp/Sfty		
SR: 11	CostEst: \$30	90110	Boston Whaler and Trailer	R	
RR:	CumOblig: \$0	Replace a worn-out 16-foot boat and trailer used for endangered species recovery efforts and for enforcement of waterfowl hunting and refuge regulations.			
NR:	Backlog: \$30				
Fix type: Replace					
<File Missing>		1	<File Missing>	1	%Cplt: 0%

52511 Edwin B. Forsythe NWR - Brigantine Division			FndSrc/FYGrp/Sfty		
SR: 14	CostEst: \$24	97101	D 1989 Dakota	R	
RR:	CumOblig: \$0	Replace aging pickup trucks (1989 Dodge Dakota - 8/99 mileage 60,000) used to support wildlife and public use programs.			
NR:	Backlog: \$24				
Fix type: Replace					
<File Missing>		1	<File Missing>		%Cplt: 0%

52511 Edwin B. Forsythe NWR - Brigantine Division			FndSrc/FYGrp/Sfty		
SR: 17	CostEst: \$35	93365	C Cabin Quarters#1 Asbestos	R	S
RR:	CumOblig: \$0	Completely rehabilitate cabin for leaky showers, rotted floors, windows sweats, no insulation, no egress to backyard, failed septic system and asbestos in basement. These			
NR:	Backlog: \$35				
Fix type: Remove					
<File Missing>		1	<File Missing>		%Cplt: 0%

52511 Edwin B. Forsythe NWR - Brigantine Division			FndSrc/FYGrp/Sfty		
SR: 25	CostEst: \$25	93003	Workshop HVAC	R	S
RR:	CumOblig: \$0	Replacing the shop HVAC the current system is not adequate HVAC to remove the saw dust in the shop generated health hazard to staff.			
NR:	Backlog: \$25				
Fix type: Repair/reha					
<File Missing>		1	<File Missing>	2853	%Cplt: 0%

MMS - Project Listing

52511 Edwin B. Forsythe NWR - Brigantine Division			FndSrc/FYGrp/Sfty		
SR: 40	CostEst: \$10	90195	Radio Tower	R	S
RR:	CumOblig: \$0	Replace radio tower damaged by storms for a reliable communication system since cell phones do not work in certain areas of the refuge. Radio communication is essential for the staff			
NR:	Backlog: \$10				
Fix type: Replace					
<File Missing>		1	<File Missing>	%Cplt:	0%

52511 Edwin B. Forsythe NWR - Brigantine Division			FndSrc/FYGrp/Sfty		
SR: 500	CostEst: \$10	93005	Boundary Signs and Posts	R	
RR:	CumOblig: \$10	Repost boundary signs on ten thousand acres of refuge. Currently many signs and posts are missing. proper posting is necessary for the public to identify refuge lands.			
NR:	Backlog: \$0				
Fix type: Replace					
<File Missing>		1	<File Missing>	%Cplt:	100%

52510 Edwin B. Forsythe NWR			FndSrc/FYGrp/Sfty		
SR: 40	CostEst: \$15	20011	Shop Roof	C	9999
RR: 999	CumOblig: \$0	Replace 2700 square foot of shingle roofing on the maintance shop			
NR: 417	Backlog: \$15				
Fix type: Replace					
<File Missing>		1	<File Missing>	2700	%Cplt: 0%

