

STATE OF NEW HAMPSHIRE  
DEPARTMENT OF ENVIRONMENTAL SERVICES

*Aquatic Resource Mitigation Fund*  
RSA Chapter 482-A

***Fiscal Year***  
***2013***  
***Report***



Water Division/Wetlands Bureau

## **Introduction**

Compensation for unavoidable wetland impacts has been a part of the New Hampshire Department of Environmental Services (hereinafter "DES") Wetlands Bureau program since the mid 1980's and now serves as a critical part of the program to address impacts under the federal Clean Water Act (CWA), Sections 401 and 404 which result in the discharge of dredged or filled materials within "waters of the U.S." Under the U.S. Army Corps of Engineers General Permit for New Hampshire, compensatory mitigation for proposed wetland dredge and fill impacts is required for projects having more than 10,000 square feet of wetland impact, and for minor projects when deemed appropriate by the Corps, to comply with federal standards. During the 2006 legislative session, the General Court enacted Senate Bill 140, known as Aquatic Resource Compensatory Mitigation Fund (hereinafter "ARM Fund"). These provisions are codified at RSA 482-A:28-33. The law creating the ARM Fund program became effective on August 18, 2006, and DES adopted implementing rules effective on June 20, 2007.

As a result, the ARM Fund has become one of several compensatory mitigation options available to permittees for impacts to wetlands and other aquatic resources. This mitigation option is available for use after avoidance and minimization of impacts to these aquatic resources has been achieved. Although compensatory mitigation is often a requirement in permits, use of the ARM Fund can only occur after the applicant has reviewed other available forms of mitigation in the vicinity and local community. The ARM Fund seeks "no net loss" of aquatic resource acreage and functions using a watershed approach. DES has the authority to collect the funds and they are pooled together according to a modified Hydrologic Unit Code 8 (HUC 8) watershed level.

## **FY 2013 Program Achievements**

In FY 2013, the program initiated a new grant process with requesting brief pre-proposals for review by the mitigation coordinator and federal agency representatives. The review team determined if the pre-proposals met the program goals, how the project could be strengthened, and provided other suggestions that may improve the proposed project. Upon review, select projects were invited for submittal of a full application. This new step improved efficiency for applicants and the reviewers and it served to improve application submittals.

## **Permits Issued with ARM Fund as Compensatory Mitigation and ARM Fund Receipts**

The ARM Fund program has been very successful for permit applicants and has resulted in many significant wetland preservation and restoration projects across the state. Table 1 provides a list of the projects permitted from July 1, 2012 to June 30, 2013 where the wetlands permit holders selected payment to the ARM Fund to satisfy compensatory mitigation requirements. In this time period, eleven permits with 5.42 acres in cumulative impacts were issued. The ARM Fund received mitigation fees of \$536,731.53.

## **ARM Fund Disbursements in FY 2013**

The ARM Fund program grants funds to projects involving wetland and/or stream restoration, wetland enhancement, and/or preservation of upland buffers associated with high quality aquatic resources. The ARM Fund has been utilized by projects in several watersheds since the program inception. The projects that were provided payment during FY 2013 are noted in Table 2.

**TABLE 1. WETLAND PERMITS ISSUED IN FY 2013 WHERE APPLICANT USED ARM FUND FOR COMPENSATORY MITIGATION.**

TOWN/ DES FILE NUMBER	SERVICE AREA	WETLANDS IMPACTS		ARM FUND REVENUES	PAYMENT DEPOSIT DATE
		Square feet	and acres		
<b>Rochester/ 2009-2074</b>	Salmon Falls - Piscataqua	92,464	2.12	\$31,500.00	10/16/2012
<b>Swanzey/ 2012-1226</b>	Lower CT	18,500	0.42	\$54,472.83	11/5/2012
<b>Portsmouth/ 2012-1052</b>	Salmon Falls - Piscataqua	25,265	0.58	\$98,069.46	12/17/2012
<b>Greenland/ 2012-1060</b>	Salmon Falls - Piscataqua	6,098	0.14	\$23,672.11	12/17/2012
<b>Bow/2012-2027</b>	Merrimack	15,029	0.35	\$50,016.23	12/21/2012
<b>Alton/ 2010-1265</b>	Pemigewassett - Winnepesaukee	461	0.01	\$1,525.37	1/3/2013
<b>Gilford- Laconia/ 2012-1070</b>	Pemigewassett - Winnepesaukee	31,391	0.72	\$121,908.38	1/9/2013
<b>Epping/ 2012-1308</b>	Salmon Falls - Piscataqua	9,766	0.22	\$31,090.99	1/31/2013
<b>Belmont/ 2012-1864</b>	Pemigewassett - Winnepesaukee	17,414	0.40	\$55,460.72	2/6/2013
<b>Hanover/ 2010-428</b>	Middle CT	2,700	0.06	\$9,027.41	4/4/2013
<b>Hooksett/ 2013-770</b>	Merrimack	16,980	0.39	\$59,988.03	6/27/2013
<b>TOTALS</b>		<b>236,066</b>	<b>5.42</b>	<b>\$536,731.53</b>	

**TABLE 2. ARM FUND DISBURSEMENTS FOR PROJECTS IN FY 2013**

<b>Project Name: Exeter River Water Quality Improvements and Buffer Preservation</b>		
<b>Applicant:</b> Town of Brentwood	<b>Watershed:</b> Salmon Falls – Piscataqua Rivers	<b>Town:</b> Brentwood
<b>ARM Funds Disbursed:</b> \$68,468.00	<b>Matching Funds:</b> \$50,420.00	
<b>Description:</b> The Brentwood Conservation Commission will preserve 16 acres of frontage on the Exeter River, and provide 0.3 acres of riparian enhancement to improve water quality and habitat. The project targets and expands on projects identified in the Exeter River Geomorphic Assessment and Watershed-Based Plan: Middle Exeter River (2010). In that plan, these are Projects #1-3 which include stormwater retrofits, riverbank stabilization, buffer plantings, and conservation.		

<b>Project Name: Berry Brook Watershed Restoration through Stream Restoration, Buffer Development, and LID Retrofits/</b>		
<b>Applicant:</b> UNH Stormwater Center and City of Dover	<b>Watershed:</b> Salmon Falls – Piscataqua Rivers	<b>Town:</b> Dover
<b>ARM Funds Disbursed:</b> \$122,136.35	<b>Matching Funds:</b> \$198,100.00	
<b>Description:</b> The project will significantly restore and reconnect 0.9 miles of 1 <sup>st</sup> order stream, Berry Brook to the Coheco River. The work includes restoration that will daylight 1,960 linear feet of stream channel, remove fish passage barriers, and provide significant treatment of 164 acres of watershed for diadromous fish and other aquatic species. Berry Brook is an urban stream which will be improved through two efforts: 1) Wetland and stream restoration, buffer development and conservation, and 2) Base flow and water quality improvements.		
<b>Project Name: Odiorne Point State Park Maritime Cobble Beach and Coastal Salt Pond Marsh Restoration Project</b>		
<b>Applicant:</b> Rockingham County Conservation District	<b>Watershed:</b> Salmon Falls – Piscataqua Rivers	<b>Town:</b> Rye
<b>ARM Funds Disbursed:</b> \$10,157.00	<b>Matching Funds:</b> \$6,100.00	
<b>Description:</b> The Rockingham County Conservation District was awarded \$43,000 for 3.8 acres of restoration and 6.45 acres of enhancement work at the state park. Located at Odiorne Point State Park in Rye NH, the NH Natural Heritage Bureau defines the aforementioned sites as “exemplary natural communities” of which the coastal salt pond marsh is the only one of its kind in the state. These significant habitats are home to two endangered, and two state listed threatened plant species.		
<b>Project Name: River Road Marsh Restoration</b>		
<b>Applicant:</b> New Castle Conservation Commission	<b>Watershed:</b> Salmon Falls – Piscataqua Rivers	<b>Town:</b> New Castle
<b>ARM Funds Disbursed:</b> \$27,993.00	<b>Matching Funds:</b> \$27,250.00	
<b>Description:</b> The New Castle Conservation Commission in partnership with the Rockingham County Conservation District will provide 0.5 acres of salt marsh restoration. Once restored, this wetland is expected to have high wildlife habitat value, sediment retention, nutrient removal, educational and aesthetic potential.		
<b>Project Name: Sprucewood Forest</b>		
<b>Applicant:</b> Trust for Public Lands	<b>Watershed:</b> Salmon Falls - Piscataqua Rivers	<b>Town:</b> Durham
<b>ARM Funds Disbursed:</b> \$500,000.00	<b>Matching Funds:</b> \$500,000.00	
<b>Description:</b> The primary goal for the project is to permanently conserve 176 acres comprised of 142 acres of uplands, 34.04 acres of wetlands, 0.9 acres of floodplain forest, diverse wildlife habitat and natural communities and frontage on the Oyster River. The Town of Durham will work with the Southeast Land Trust of NH to develop a stewardship/management plan after they have assumed ownership of the property. A significant portion of the subject property is contained within the 2,690 acre Oyster River Conservation Focus Area identified in the NH Coastal Plan. This is a keystone property connecting over 2,200 acres of existing conservation land - including the isolated 36 acres Spruce Hole Conservation Area and other protected lands owned by the University of NH, the Town and private land trusts.		

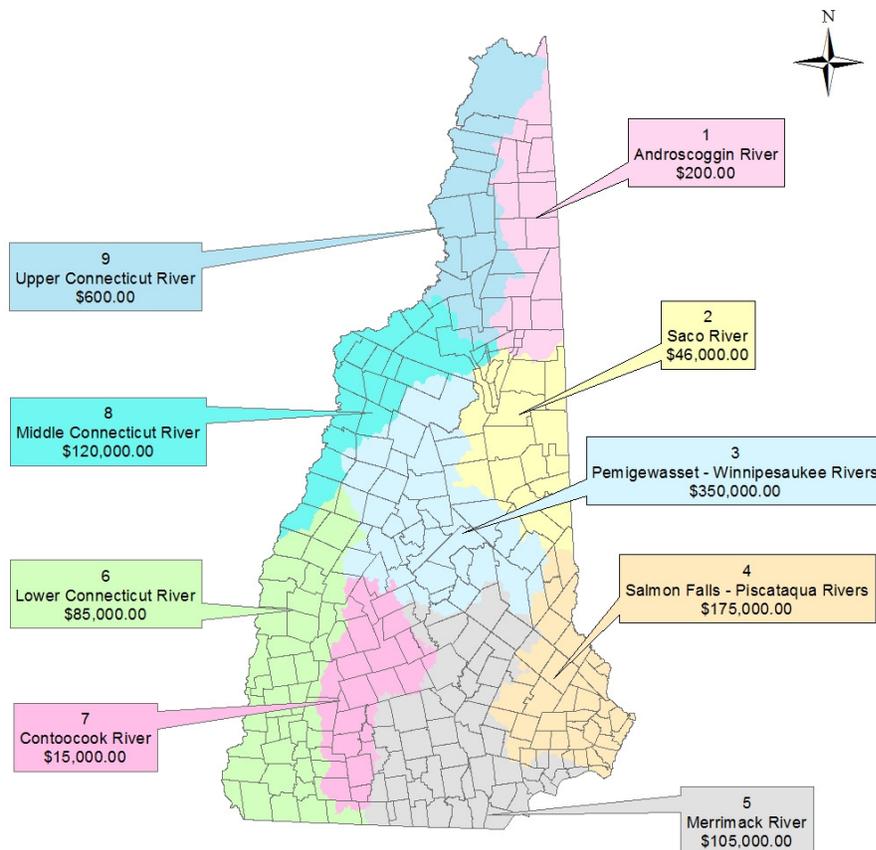
<b>Project Name: Baird Property Protection on the Snake River</b>		
<b>Applicant:</b> Town of New Hampton	<b>Watershed:</b> Pemigewasset - Winnepesaukee Rivers	<b>Town:</b> New Hampton
<b>ARM Funds Disbursed:</b> \$93,892.00	<b>Matching Funds:</b> \$30,000	
<b>Description:</b> The project proposes to protect 8.1 acres of land with a conservation easement on the Snake River in New Hampton. The Snake River is a largely undeveloped wetland system immediately upstream of Lake Waukewan. This property includes approximately 1,560 linear feet of frontage along the Snake River which flows from Lake Winona into Lake Waukewan. Lake Waukewan is the drinking water supply for the Town of Meredith.		
<b>Project Name: Strolling Woods Conservation Project</b>		
<b>Applicant:</b> City of Franklin	<b>Watershed:</b> Pemigewasset - Winnepesaukee Rivers	<b>Town:</b> Franklin
<b>ARM Funds Disbursed:</b> \$91,263.43	<b>Matching Funds:</b> \$420,172	
<b>Description:</b> The City of Franklin proposes to restore wetlands, provide water quality improvements to Webster Lake, and conserve a 15 acre parcel that will adjoin a 226 acre parcel recently funded from the Natural Resource Conservation Service Wetland Reserve Program.		
<b>Project Name: Protection of the Hazelton Farm</b>		
<b>Applicant:</b> Society for the Protection of NH Forests	<b>Watershed:</b> Pemigewasset- Winnepesaukee Rivers	<b>Town:</b> Hebron
<b>ARM Funds Disbursed:</b> \$100,000.00	<b>Matching Funds:</b> \$200,000.00	
<b>Description:</b> The Hazelton Farm consists of 275 acres of land that abuts and enlarges other conservation lands. The Forest Society will purchase a conservation easement on the property and the easement language will include vegetated buffers to the two streams. It has over a 2/3 of a mile of frontage on the Cockermouth River (4th order) and approximately 1.5 miles of frontage along Wise Brook, one of Hebron's "designated" brooks for buffer protection. It has approximately 35 acres of agricultural field which have important agricultural soils, and have been managed for hay for many years. It lies within a focus area of the Quabbin to Cardigan Conservation Initiative, the Lakes Region Conservation Plan, and is a priority area for the Hebron Conservation Commission, the Newfound Lake Region Association (NLRA) Watershed Master Plan (2009), and the NLRA Land and Watershed Committee. The property overlies a stratified drift aquifer and helps to protect the water quality of Newfound Lake.		
<b>Project Name: Greenough Ponds Property</b>		
<b>Applicant:</b> Trust for Public Lands	<b>Watershed:</b> Androscoggin River	<b>Town:</b> Wentworth Location, Errol
<b>ARM Funds Disbursed:</b> \$89,000.00	<b>Matching Funds:</b> \$2,400,000.00	
<b>Description:</b> The Trust for Public Lands will acquire a fee interest in 938 acres of land in Wentworth Location including the entire shorefront of Greenough Pond and Little Greenough Pond. The Greenough Ponds are two of only three ponds in New Hampshire that sustain wild non-stocked brook trout populations, making them one of the state's premier cold water fisheries. Additionally, the property contains over 56 acres of wetland communities. These ponds, streams and wetlands are vulnerable to degradation as the ponds are highly threatened with cabin development on the 3.9 miles of shorefront. The property connects to the 13-Mile Woods Community Forest, Dartmouth College's Second College Grant (not conserved, but a long-term stable owner with excellent stewardship), and the Umbagog National Wildlife Refuge.		

<b>Project Name: Ammonoosuc River Floodplain &amp; Riparian Buffer Preservation &amp; Restoration Project</b>		
<b>Applicant:</b> Ammonoosuc Conservation Trust	<b>Watershed:</b> Middle Connecticut River	<b>Town:</b> Lisbon
<b>ARM Funds Disbursed:</b> \$90,100.00	<b>Matching Funds:</b> \$0	
<p><b>Description:</b> The project is located on the Ammonoosuc River in Lisbon, approximately 1/2 mile upstream of Lisbon Village and includes portions of four parcels of land along a 1.4 miles reach of the river. The project area is located within the highest yielding and deepest aquifer in the Ammonoosuc River Valley. Nearly the entire site is within the floodplain of the Ammonoosuc River and most of it floods regularly. It is located upstream of municipal water sources at Lisbon and Woodsville and the Lisbon community well lies directly across from the lower section of the project area. The project area has over 5000 linear feet of shoreline on the Ammonoosuc River and 1300 linear feet around Hanno Pond.</p>		

**ARM Funds Advertised in March, 2013**

In March 2013, DES announced the availability of ARM funds accrued in the nine ARM Fund service areas. These nine service areas had accumulated funds and were advertised for release (See Figure 1). Pre-proposals were requested to be submitted by April 29 and those invited for submission of a full application would be due August 12. The full applications are reviewed by the ARM Fund Site Selection Committee (hereinafter "Committee") and representatives from the Army Corps of Engineers and US Environmental Protection Agency. The Committee's recommendations will be provided to the Army Corps of Engineers and the Wetland Council for final approval.

**FIGURE 1. ARM FUNDS ADVERTISED IN 2013 ACCORDING TO SERVICE AREAS**



**ARM Fund Projects Awarded in FY 2013**

Table 3 provides details of the past fiscal year's awards and a brief description of the gain in resources from each project.

**TABLE 3. ARM FUND AWARDS IN FY 2013**

<b>Service Area:</b> Pemigewasset - Winnepesaukee Rivers			
<b>Functions/Values Lost:</b> Wildlife and finfish habitat			
<b>ARM Funds Available:</b> \$300,000			
<b>Applicant/Project Name:</b> Society for the Protection of NH Forests/Protection of the Hazelton Farm	<b>Town:</b> Hebron	<b>ARM Funds Requested:</b> \$100,000	<b>Matching Funds:</b> \$200,000
<b>Description:</b> The Hazelton Farm consists of 275 acres of land that abuts and enlarges other conservation lands. The Forest Society will purchase a conservation easement on the property and the easement language will include vegetated buffers to the two streams. It has over a 2/3 of a mile of frontage on the Cockermouth River (4th order) and approximately 1.5 miles of frontage along Wise Brook, one of Hebron's "designated" brooks for buffer protection. It has approximately 35 acres of agricultural field which have important agricultural soils, and have been managed for hay for many years. It lies within a focus area of the Quabbin to Cardigan Conservation Initiative, the Lakes Region Conservation Plan, and is a priority area for the Hebron Conservation Commission, the Newfound Lake Region Association (NLRA) Watershed Master Plan (2009), and the NLRA Land and Watershed Committee. The property overlies a stratified drift aquifer and helps to protect the water quality of Newfound Lake.			
<b>Service Area:</b> Salmon Falls - Piscataqua Rivers			
<b>Functions/Values Lost:</b> Wildlife and finfish habitat, groundwater discharge/recharge, sediment - toxicant retention, flood storage			
<b>ARM Funds Available:</b> \$9,000			
<b>Applicant/Project Name:</b> Great Bay Trout Unlimited/Thompson Brook Stream Restoration Project	<b>Town:</b> Greenland	<b>ARM Funds Requested:</b> \$9,000	<b>Matching Funds:</b> \$6,000
<b>Description:</b> The project will result in the reconnection of a tributary fragmented by a perched culvert, shown to support a population of wild brook trout and historically utilized by river herring, American eel and sea lamprey. This project will also enhance the riverine habitat of that tributary utilizing wood loading, riparian planting, amelioration of impoundments and substrate augmentation, to maximize full utilization of that habitat by the fish species noted above. Thompson Brook is one of the lower watershed tributaries of the Winnicut River which is one of seven major tributary rivers of the Great Bay Estuary of New Hampshire. At a minimum, 1.17 miles of potential fish habitat will be opened up by the new culvert construction.			
<b>Service Area:</b> Merrimack River			
<b>Functions/Values Lost:</b> Wildlife and finfish habitat, groundwater discharge/recharge, sediment - toxicant retention, flood storage			
<b>ARM Funds Available:</b> \$2,200,000			
<b>Applicant/Project Name:</b> Francestown Land Trust/Avery Brook Watershed Project	<b>Town:</b> Francestown	<b>ARM Funds Requested:</b> \$237,000	<b>Matching Funds:</b> \$418,416
<b>Description:</b> The project proposes the purchase of a conservation easement by Francestown Land Trust to protect 182 acres of land which is the entire catchment of Avery Brook as it meanders through forestland and exemplary wetland communities to its confluence with the Piscataquog River. Restoration includes lowering a perched culvert, installing water bars on a logging road, and enhancing 200 linear feet of a riparian buffer. No-cut buffers around aquatic resources are proposed. The Avery Brook catchment connects and enhances the ecological function of over 3,700 acres of biologically diverse protected land. The property includes the entire length of Avery Brook west, nearly all of Avery Brook East, and frontage along the South Branch of the Piscataquog River.			

<b>Applicant/Project Name:</b> Bear-Paw Regional Greenways/Crooked Run Property	<b>Town:</b> Barnstead, Pittsfield, Strafford	<b>ARM Funds Requested:</b> \$361,600	<b>Matching Funds:</b> \$591,600
<b>Description:</b> The project proposes the purchase of a conservation easement to be held by Bear-Paw to conserve approx. 600 acres of valuable wildlife habitat. The parcel includes 85 acres of wetlands, 3 miles of perennial streams, most of the frontage on the 30 acre Adams Pond, and almost half of the frontage on Wild Goose Pond. The wetlands include 57 acres of marshland, 26 acres of other wetlands, 2 acres of peatland and the 30 acre Adams Pond. The unfragmented forest that includes Crooked Run is large – more than 2,000 acres in extent connecting a 6,000 acre block that includes Evans Mountain property and a 16,000 acre block just to the north. Nine restoration sites that total 16,900 square feet will be restored including removal of a bridge from a perennial stream, fill removal and slope stabilization adjacent to high value peatlands.			
<b>Applicant/Project Name:</b> Bear-Paw Regional Greenways/Hinman Pond Property	<b>Town:</b> Hooksett	<b>ARM Funds Requested:</b> \$507,800	<b>Matching Funds:</b> \$585,500
<b>Description:</b> Bear-Paw and NH Fish & Game are working to conserve 460 acres of high value wildlife habitat on Hinman Pond including over 76 acres of wetlands. The property will be purchased by Bear-Paw and conservation easement will be held by NHHFG. The parcel lies within a Wildlife Action Plan conservation focus area that is greater than 20,000 acres in size, is primarily hemlock-hardwood-pine forest and includes the largest 100 acres of Appalachian-oak-pine exemplary forest known in NH. There are 27 wetlands on the property that total 76 acres including the prime wetland, Hinman Pond and approximately 43 vernal pools. 3 perennial streams provide almost 1 mile of riparian habitat which flow to Dubes Pond and one flows north to Head Pond and then the Merrimack River. The Hinman Pond property provides critical habitat for several rare or endangered species including Blandings and spotted turtles. The property abuts Bear Brook State Park and Manchester Water Works properties and lies within the Lake Massabesic watershed, Manchester’s public drinking water supply.			
<b>Applicant/Project Name:</b> Merrimack Riverfront Project/Hooksett	<b>Town:</b> Hooksett	<b>ARM Funds Requested:</b> \$150,000	<b>Matching Funds:</b> \$377,000
<b>Description:</b> The Town seeks funds to conduct wetland creation and stream restoration activities on the 122 acre site. Funds will go toward purchase of the parcel to be protected by a conservation easement held by the Society for the Protection of New Hampshire Forests. The parcel includes 3,900 linear feet of frontage on the Merrimack River, 37 acres of wetlands within the 100-year floodplain of the Merrimack River, and 30.5 acres of one prime wetland. Project components include 6.5 acres of wetland creation, restoration of 2 eroding streams, replacement of 4 acft of floodplain storage, repairs to failed culverts, improvements to two crossings with small bridge crossings, and establishing a trail network for the public. The entire parcel overlies a stratified drift aquifer and is within a source water protection area. The project has been identified by the Hooksett Open Space Plan as a high priority for protection. The project area contains Tier 1 and Tier 2 habitats.			
<b>Applicant/Project Name:</b> Society for the Protection of NH Forests/Pennichuck Brook Conservation and Restoration	<b>Town:</b> Merrimack	<b>ARM Funds Requested:</b> \$737,170	<b>Matching Funds:</b> \$49,708
<b>Description:</b> The Society for the Protection of NH Forests proposes to purchase a conservation easement on 192 acres of land consisting of 2 parcels located north of Pennichuck Brook. The western parcel is located along a mile of shoreline on Pennichuck Brook which leads to the Pennichuck water supply, the City of Nashua’s drinking water supply. The parcel contains endangered plants and exemplary communities. The eastern parcel contains a 26 acre beaver pond used as a heron rookery. Proposed restoration includes removal of fill in beaver pond and restore ruts from ATV activity on the eastern parcel and block existing ditch to restore 3.35 acres of wetlands, and improve a small woods road crossing on the western parcel.			
<b>Applicant/Project Name:</b> Southeast Land Trust of NH/Plaistow Town Forest	<b>Town:</b> Plaistow	<b>ARM Funds Requested:</b> \$100,000	<b>Matching Funds:</b> \$36,231
<b>Description:</b> The Town with assistance from Southeast Land Trust proposes to place conservation easements on lands acquired through tax default totaling 350 acres. There are 17 parcels owned by the town which have been managed as town forests for the forest resources. If completed, the project will conserve an unfragmented block of land that encompasses more than 490 acres. The town forests are mature forests dominated by Appalachian Oak-pine and more than 1.2 miles of riparian corridor along Kelly Brook. There are at least 6 beaver impoundments that encompass more than 60 acres along inlet streams and main stem of Kelly Brook with numerous vernal pools and an active heron rookery. Restoration work planned for the properties will focus on upgrades to heavily used sections of the recreation trail network and repairs from damage to the site by ATV and 4-wheelers.			

<b>Applicant/Project Name:</b> Five Rivers Conservation Trust/Soucook River Headwaters - Ames Road Forest and Wetlands Watershed Protection Project				<b>Town:</b> Canterbury	<b>ARM Funds Requested:</b> \$106,430	<b>Matching Funds:</b> \$25,519
<b>Description:</b> The Five Rivers Conservation Trust proposes to purchase a conservation easement that will protect 119 acres of forest and wetland in the headwater of the Soucook River watershed. The property includes 16 acres of marsh and open water, 2,240 linear feet of streams, and 5 vernal pools with more than 12,630 linear feet of riparian shoreline. Otter Pond and New Pond are on the property and this area is a conservation priority in the Canterbury Master Plan. The property has over 4,000 linear feet of frontage on Ames Road, a class VI road used for recreation. Water bars and erosion improvement measures will be constructed along the road to eliminate drainage into the pond, the road will be relocated to avoid sensitive shoreline plants, and roads will be closed to ATV and 4-wheelers. The Natural Resource Conservation Service will continue to assist the landowner in invasive species eradication/management.						
<b>Service Area:</b> Lower Connecticut River						
<b>Functions/Values Lost:</b> Wildlife and finfish habitat, sediment - toxicant retention, recreation, shoreline stabilization						
<b>ARM Funds Available:</b> \$580,000						
<b>Applicant/Project Name:</b> City of Keene/Beaver Brook Wetland and Stream Restoration Project - Woodlawn Cemetery				<b>Town:</b> Keene	<b>ARM Funds Requested:</b> \$277,707	<b>Matching Funds:</b> \$12,007
<b>Description:</b> The proposed project includes restoration of approximately 1 acre of historically filled wetlands and stream restoration activity within the Beaver Brook watershed in the City of Keene. The proposed restoration will advance the on-going effort to restore Beaver Brook, augment flood storage in this area of the City, and create additional scientific and educational opportunities that complement on-going projects within the Watershed. The proposed restoration parcel is contiguous with Robin Hood Park, which is a 110-acre conservation parcel. In addition, the proposed project includes stream restoration activities in an area of stream that will be redirected from a constructed channel into the wetland south of Woodlawn Cemetery. Invasive species will be removed, mainly a large Japanese knotweed colony. Research of the parcel deed and two abutting parcels is also proposed to potentially protect the area in perpetuity.						
<b>Applicant/Project Name:</b> Upper Valley Land Trust/Hanchetts Brook Forest and Black Hill Forest				<b>Town:</b> Plainfield	<b>ARM Funds Requested:</b> \$293,090	<b>Matching Funds:</b> \$50,000
<b>Description:</b> The Upper Valley Land Trust (UVLT) will purchase a conservation easement on the two parcels in order to protect approximately 400 acres of undeveloped land. Goals for Hanchetts Brook Forest, a 101 acre parcel, are to permanently protect frontage (1,750 feet of brook traverses the parcel) and wetlands (0.5± acres observed) along Hanchetts Brook. Hanchetts Brook flows from Sky Ranch Pond, a deep emergent marsh with surrounding shrub marsh encompassing about 10 acres. Much of the Sky Ranch Pond watershed is under the protection of a UVLT easement, however that easement does not include a riparian buffer around the shore. The owner of the pond is willing to donate additional restrictions around the pond to leverage this project. Hanchetts Brook flows approximately 5,870 feet from Sky Ranch Pond to the Connecticut River. The protection of a significant portion of Hanchetts Brook will benefit water quality in the area and may serve to benefit potential Natural Heritage Bureau species. Goals for Black Hill Forest are to protect 300 acres of upland forest adjacent to the brook with 13.2 acres of wetland resources including a perennial stream and vernal pools.						
<b>Service Area:</b> Middle Connecticut River						
<b>Functions/Values Lost:</b> Wildlife and finfish habitat, groundwater discharge						
<b>ARM Funds Available:</b> \$180,000						
<b>Applicant/Project Name:</b> Ammonoosuc Conservation Trust/Ammonoosuc River Floodplain and Hanno Pond Preservation and Restoration Project				<b>Town:</b> Lisbon	<b>ARM Funds Requested:</b> \$98,350	<b>Matching Funds:</b> \$0
<b>Description:</b> The Ammonoosuc Conservation Trust proposes to preserve nearly one mile of riparian buffer on the Ammonoosuc River. The proposed project area is located approximately 1/2 mile upstream of Lisbon Village and potentially includes portions of 4 parcels of land that includes a complex of wetland and agricultural land surrounding Hanno Pond, a 6 acre oxbow pond. The project area is located within the highest yielding and deepest aquifer in the Ammonoosuc River Valley. Nearly the entire site is within the floodplain of the Ammonoosuc River and most of it floods regularly. It is located upstream of municipal water sources at Lisbon and Woodsville and the Lisbon community well lies directly across from the lower section of the project area. Restoration opportunities include bank stabilization, stream improvements and plantings.						

**Status of the Administrative Assessment Account**

One component of an ARM Fund payment is an administrative assessment established by RSA 482-A:30, III and RSA 482-A:30-a,II. Such account assessments collected shall be used to support up to two full-time positions to administer the fund. The assessment has vacillated starting at 5% in 2009, 20% in 2010, and is currently at 10%. The revenue accrued during FY 2013 that supports one full-time position was \$52,906.52. The cost for one position exceeds the funds accrued. The assessment is scheduled to increase to 20% starting in July, 2015.

**Overall Status of the ARM Fund Account (as of June 30, 2013)**

The FY 2013 ended with all ARM Fund service areas having accumulated funds. The amounts advertised in the 2013 grant round are included in Figure 1 below. The results of the 2013 grant round will be reported in the state fiscal year 2014 report. Table 4 describes revenues, expenses, encumbered funds and a balance by each service area. The negative balance noted in the Androscoggin River service area was the result of an error in calculating the administrative assessment. The error has since been corrected.

**TABLE 4. STATUS OF ARM FUND ACCOUNTS ACCORDING TO SERVICE AREAS**

<b>Service Areas</b>	<b>Beginning Balance (7/1/2012)</b>	<b>Revenues</b>	<b>Expenses</b>	<b>Encumbered</b>	<b>Ending Balance (6/30/2013)</b>
Androscoggin River	\$ 87,060.38	\$ -	\$ 89,000.00		\$ (1,939.62)
Saco River	\$ 46,419.79	\$ -	\$ -		\$ 46,419.79
Pemigewasset to Winnepesaukee Rivers	\$ 487,934.84	\$178,894.47	\$ 285,155.43	\$ 6,344.57	\$ 375,329.31
Salmon Falls to Piscataqua Rivers	\$1,200,888.16	\$184,332.56	\$ 728,754.35	\$ 187,116.75	\$ 469,349.62
Merrimack River	\$1,902,726.03	\$110,004.26	\$ -	\$ 754,920.00	\$ 1,257,810.29
Lower Connecticut River	\$ 605,811.87	\$ 54,472.83	\$ -		\$ 660,284.70
Contoocook River	\$ 14,638.90		\$ -		\$ 14,638.90
Middle Connecticut River	\$ 218,931.29	\$9,027.41	\$ 90,100.00	\$ 8,250.00	\$ 129,608.70
Upper Connecticut River	\$ 1,614.71	\$ -	\$ -		\$ 1,614.71
<b>Total All Watersheds</b>	<b>\$4,566,025.97</b>	<b>\$536,731.53</b>	<b>\$1,193,009.78</b>	<b>\$956,631.32</b>	<b>\$2,953,116.40</b>