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Department or Agency Name:	US. Geological Survey
End Date for this Report:	03/31/2011
Submitter Name:	Esther Eng
Submitter Contact Info (E-mail / Phone):	eeng@usgs.gov / 703-648-7550

No.	Treasury Appropriation Fund Symbol	Title/Program	Total ARRA Appropriation for Projects and Activities	Number of ARRA Funded Projects / Activities	NEPA Not Applicable	Total Categorical Exclusion Actions	Total Environmental Assessment Actions	Total Environmental Impact Statement Actions	All NEPA Actions for the Recovery Act Funded Activity or Project	Number of projects withdrawn	Total Obligations for Projects and Activities
			Total $140,000,000	Total 1,935	Total	Total CE Actions 1,930	Total EA Actions 5	Total EIS Actions	Total Actions 1,935	Total 165	Total $137,583,609
1	(14-0803 2009 \ 2010) Surveys, Investigations, and Research - Recovery Act	Deferred Maintenance/Facilities	30,375,000.00	57		53	4		57	7	$27,761,775
2	(14-0803 2009 \ 2010) Surveys, Investigations, and Research - Recovery Act	Construction	18,325,000.00	1			1		1		$19,853,619
3	(14-0803 2009 \ 2010) Surveys, Investigations, and Research - Recovery Act	Deferred Maintenance - Streamgages, cableways, wells	15,000,000.00	942		942			942	158	$9,916,091
4	(14-0803 2009 \ 2010) Surveys, Investigations, and Research - Recovery Act	Upgrade streamgages	15,000,000.00	52		52			52		$17,425,438
5	(14-0803 2009 \ 2010) Surveys, Investigations, and Research - Recovery Act	Seismic and volcanic monitoring - earthquakes	30,200,000.00	815		815			815		$29,545,814
6	(14-0803 2009 \ 2010) Surveys, Investigations, and Research - Recovery Act	Seismic and volcanic monitoring - volcanoes	15,600,000.00	65		65			65		$15,204,402
7	(14-0803 2009 \ 2010) Surveys, Investigations, and Research - Recovery Act	National map activities	15,000,000.00	2		2			2		$17,285,426
8	(14-0803 2009 \ 2010) Surveys, Investigations, and Research - Recovery Act	Data preservation	500,000.00	1		1			1		$591,044
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			TOTAL ACTIONS:	2100		TOTAL COMPLETED: 1935	TOTAL PENDING:		Total Yes 67		
			Quantity	NEPA Action							
1	Deferred Maintenance/Facilities	Central Region - EARTH RESOURCES OBSERVATION SCIENCE CENTER - Design, Replace Heating, Ventilating & Air-Conditioning System	1	CE	Done	1		8/3/2009	Yes		
2	Deferred Maintenance/Facilities	Central Region - COLUMBIA ENVIRONMENTAL RESEARCH CENTER - Renovate Pond Banks, Kettles and Piping (3 projects combined under one EA - row 3 and row 68)	1	EA	Done	1		4/7/2010	no		
3	Deferred Maintenance/Facilities	Central Region - COLUMBIA ENVIRONMENTAL RESEARCH CENTER - Upgrade Parking Lot Drainage (3 projects combined under one EA (row 2 and row 68) - see row 2 for EA status)									
4	Deferred Maintenance/Facilities	Central Region - EARTH RESOURCES OBSERVATION SCIENCE CENTER - Replace Boilers With Staged Units	1	CE	Done	1		8/3/2009	Yes		
5	Deferred Maintenance/Facilities	Central Region - EARTH RESOURCES OBSERVATION SCIENCE CENTER - Replace Electric Switchgear	1	CE	Done	1		9/9/2009	Yes		
6	Deferred Maintenance/Facilities	Central Region - EARTH RESOURCES OBSERVATION SCIENCE CENTER - Replace Roof	1	CE	Done	1		8/3/2009	Yes		
7	Deferred Maintenance/Facilities	Central Region - EARTH RESOURCES OBSERVATION SCIENCE CENTER - Replace Security Booth and Dispose of Existing Asset	1	CE	Done	1		8/3/2009	Yes		
8	Deferred Maintenance/Facilities	Central Region - EARTH RESOURCES OBSERVATION SCIENCE CENTER - Service Drive Paving Replacement	1	CE	Done	1		8/3/2009	Yes		
9	Deferred Maintenance/Facilities	Central Region - EARTH RESOURCES OBSERVATION SCIENCE CENTER - Recoat Interior & Exterior of Water Tower	1	CE	Done	1		9/9/2009	Yes		
10	Deferred Maintenance/Facilities	Central Region - NATIONAL WETLANDS RESEARCH CENTER - Repair and Rebalance Laboratory Fume Hoods	1	CE	Done	1		9/11/2009	Yes		
11	Deferred Maintenance/Facilities	Central Region - NORTHERN PRAIRIE WILDLIFE RESEARCH CENTER - Install Automatic Fire Sprinkler System	1	CE	Done	1		1/11/2010	no		
12	Deferred Maintenance/Facilities	Eastern Region - NATIONAL WILDLIFE HEALTH CENTER - Upgrade Lighting System	1	CE	Done	1		9/29/2009	Yes		

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			TOTAL ACTIONS:	2100		TOTAL COMPLETED: 1935	TOTAL PENDING:		Total Yes 67		
			Quantity	NEPA Action							
13	Deferred Maintenance/Facilities	Eastern Region - FLORIDA INTEGRATED SCIENCE CENTER - Repair Heating, Ventilating & Air-Conditioning System	1		Withdrawn						
14	Deferred Maintenance/Facilities	Eastern Region - FLORIDA INTEGRATED SCIENCE CENTER - Replace Chemical Storage Building and Dispose of Existing Structure	1	CE	Done	1		9/29/2009	Yes		
15	Deferred Maintenance/Facilities	Eastern Region - GREAT LAKES SCIENCE CENTER - Replacement of Panel Boards in Center Building and Ground Fault Protection for Main Service Disconnect	1	CE	Done	1		09/29/2009	Yes		
16	Deferred Maintenance/Facilities	Eastern Region - LAKE ERIE LABORATORY - Replace Laboratory and Dispose Existing Laboratory	1	CE	Done	1		09/29/2009	Yes		
17	Deferred Maintenance/Facilities	Eastern Region - LAKE ONTARIO LABORATORY - Replace Laboratory and Dispose Existing Laboratory	1	CE	Done	1		09/29/2009	Yes		
18	Deferred Maintenance/Facilities	Eastern Region - LAKE SUPERIOR LABORATORY - Replace Research Laboratory Anchor System	1	CE	Done	1		09/29/2009	Yes		
19	Deferred Maintenance/Facilities	Eastern Region - LEETOWN SCIENCE CENTER - Construct Earthen Dams	1		Withdrawn				no		
20	Deferred Maintenance/Facilities	Eastern Region - LEETOWN SCIENCE CENTER - Correct Structural Deficiencies	1	CE	Done	1		09/29/2009	Yes		
21	Deferred Maintenance/Facilities	Eastern Region - LEETOWN SCIENCE CENTER - Dredge Effluent Settling Ponds	1	CE	Done	1		09/29/2009	Yes		
22	Deferred Maintenance/Facilities	Eastern Region - LEETOWN SCIENCE CENTER - Install New Water Source for Public Water Supply	1		Withdrawn						
23	Deferred Maintenance/Facilities	Eastern region - LEETOWN SCIENCE CENTER - Reduce Pollutant Load on Hopewell Run	1		Withdrawn						
24	Deferred Maintenance/Facilities	Eastern Region - LEETOWN SCIENCE CENTER - Rehabilitate Propane Tank Farm	1	CE	Done	1		09/29/2009	Yes		
25	Deferred Maintenance/Facilities	Eastern Region - LEETOWN SCIENCE CENTER - Remediate Fuel Storage at the Center	1	CE	Done	1		09/29/2009	Yes		
26	Deferred Maintenance/Facilities	Eastern Region - LEETOWN SCIENCE CENTER - Renovate Tank Pad Isolation Room to Bio-Level Safety 3 (BSL-3) Standards	1		Withdrawn						
27	Deferred Maintenance/Facilities	Eastern Region - LEETOWN SCIENCE CENTER - Repair and/or Replace Bridges	1	CE	Done	1		09/29/2009	Yes		
28	Deferred Maintenance/Facilities	Eastern Region - LEETOWN SCIENCE CENTER - Repair Electrical System for Aquatic Ecology Laboratory Building	1	CE	Done	1		09/29/2009	Yes		
29	Deferred Maintenance/Facilities	Eastern Region - LEETOWN SCIENCE CENTER - Replace Emergency Generator and Switch Gear	1	CE	Done	1		09/29/2009	Yes		
30	Deferred Maintenance/Facilities	Eastern Region - LEETOWN SCIENCE CENTER - Replace Lighting Throughout Facility	1	CE	Done	1		09/29/2009	Yes		
31	Deferred Maintenance/Facilities	Eastern Region - LEETOWN SCIENCE CENTER - Replace Sewage Treatment Facility and Dispose of Existing Structure	1		Withdrawn						
32	Deferred Maintenance/Facilities	Eastern Region - LEETOWN SCIENCE CENTER - Upgrade & Repair K-Pond Ultra Violet Disinfection Systems	1		Withdrawn						
33	Deferred Maintenance/Facilities	Eastern Region - NATIONAL WILDLIFE HEALTH CENTER - Upgrade Lighting System	1	CE	Done	1		09/29/2009	yes		
34	Deferred Maintenance/Facilities	Eastern Region - NATIONAL WILDLIFE HEALTH CENTER - Install Fire Suppression System	1	CE	Done	1		09/29/2009	yes		
35	Deferred Maintenance/Facilities	Eastern Region - NATIONAL WILDLIFE HEALTH CENTER - Replace Air Handling Units 1-4 and Clean Duct Work	1	CE	Done	1		09/29/2009	yes		
36	Deferred Maintenance/Facilities	Eastern Region - NATIONAL WILDLIFE HEALTH CENTER - Replace Building Control System	1	CE	Done	1		09/29/2009	yes		
37	Deferred Maintenance/Facilities	Eastern Region - NATIONAL WILDLIFE HEALTH CENTER - Replace Exhaust Fans, Ducting & Filter Housing on Main Building	1	CE	Done	1		09/29/2009	yes		
38	Deferred Maintenance/Facilities	Eastern Region - NATIONAL WILDLIFE HEALTH CENTER - Replace Exhaust Fans, Ducting, & Filter Housing in Tight Isolation Building	1	CE	Done	1		09/29/2009	yes		
39	Deferred Maintenance/Facilities	Eastern Region - NATIONAL WILDLIFE HEALTH CENTER - Replace Three Furnaces, Hot Water Boiler, & Clean Air Ducts in Main Building	1	CE	Done	1		09/29/2009	yes		

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			TOTAL ACTIONS:	2100		TOTAL COMPLETED: 1935	TOTAL PENDING:		Total Yes 67		
			Quantity	NEPA Action							
40	Deferred Maintenance/Facilities	Eastern Region - NATIONAL WILDLIFE HEALTH CENTER - Upgrade Fire Alarm and Notification System in Tight Isolation Bldg.	1	CE	Done	1		09/29/2009	yes		
41	Deferred Maintenance/Facilities	Eastern Region - NORTHERN APPALACHIAN RESEARCH LABORATORY - Rehab and/or Replace Raceways for Fisheries Research	1	CE	Done	1		09/29/2009	yes		
42	Deferred Maintenance/Facilities	Eastern Region - NORTHERN APPALACHIAN RESEARCH LABORATORY -Replace Incinerator and Dispose of Existing Incinerator	1	CE	Done	1		09/29/2009	yes		
43	Deferred Maintenance/Facilities	Eastern Region - PATUXENT WILDLIFE RESEARCH CENTER - Complete Installation of Monitoring and Security System to Include All USGS Occupied Buildings on Center.	1	CE	Done	1		12/30/2009	Yes		
44	Deferred Maintenance/Facilities	Eastern Region - S O CONTE ANADROMOUS FISH LABORATORY - Construct Solar Roof Building to Replace Temporary Space with a Permanent Structure	1	EA	Done	1		01/27/2010	no		
45	Deferred Maintenance/Facilities	Eastern Region - S O CONTE ANADROMOUS FISH LABORATORY - Construct a 3 Ton Bridge Crane for the Outside Test Flume	1	CE	Done	1		09/29/2009	yes		
46	Deferred Maintenance/Facilities	Eastern Region - S O CONTE ANADROMOUS FISH LABORATORY - Install Exterior Sealant on Main Building and Vehicle Storage	1	CE	Done	1		09/29/2009	yes		
47	Deferred Maintenance/Facilities	Eastern Region - S O CONTE ANADROMOUS FISH LABORATORY -Install Steel Stairway	1	CE	Done	1		09/29/2009	yes		
48	Deferred Maintenance/Facilities	Eastern Region - S O CONTE ANADROMOUS FISH LABORATORY -Repair and Replace Bulkheads and Sluice Gate	1	CE	Done	1		09/29/2009	yes		
49	Deferred Maintenance/Facilities	Eastern Region - S O CONTE ANADROMOUS FISH LABORATORY - Replace Roof and Roof Top Air-Conditioning Unit	1	CE	Done	1		09/29/2009	yes		
50	Deferred Maintenance/Facilities	Eastern Region - S O CONTE ANADROMOUS FISH LABORATORY - Roof Replacement and Building Water Sealant	1	CE	Done	1		09/29/2009	yes		
51	Deferred Maintenance/Facilities	Eastern Region - S O CONTE ANADROMOUS FISH LABORATORY - Roof Replacement Vehicle Storage Bldg.	1	CE	Done	1		09/29/2009	yes		
52	Deferred Maintenance/Facilities	Eastern Region - TUNISON LABORATORY OF AQUATIC SCIENCE - Install Fire Suppression System	1	CE	Done	1		09/29/2009	yes		
53	Deferred Maintenance/Facilities	Eastern region - TUNISON LABORATORY OF AQUATIC SCIENCE - Rehabilitation of Buildings/Structures at Tunison Laboratory	1	CE	Done	1		09/29/2009	yes		
54	Deferred Maintenance/Facilities	Eastern Region - TUNISON LABORATORY OF AQUATIC SCIENCE - Replace Air Compressor and Vacuum Pump Systems	1	CE	Done	1		09/29/2009	yes		
55	Deferred Maintenance/Facilities	Eastern Region - TUNISON LABORATORY OF AQUATIC SCIENCE - Upgrade Fire Alarm System and Install Fire Suppression System	1	CE	Done	1		09/29/2009	yes		
56	Deferred Maintenance/Facilities	Eastern Region - UPPER MIDWEST ENVIRONMENTAL SCIENCES CENTER - Design and Install Fire Suppression System in the Main Office, Laboratory, Garage, & Maintenance Building (4 projects combined under one EA - row 57, row 59, and row 70)	1	EA	Done	1		04/23/2010	no		
57	Deferred Maintenance/Facilities	Eastern Region - UPPER MIDWEST ENVIRONMENTAL SCIENCES CENTER - Remediate Waste Water Treatment for Disinfection (Combined with row 56, row 59, and row 70 under 1 EA - see row 56 for EA status)									
58	Deferred Maintenance/Facilities	Eastern Region - UPPER MIDWEST ENVIRONMENTAL SCIENCES CENTER - Replace Humidifiers in Central Station Air Handlers	1	CE	Done	1		9/18/2009	Yes		
59	Deferred Maintenance/Facilities	Eastern Region - UPPER MIDWEST ENVIRONMENTAL SCIENCES CENTER - Replace Water Tower (Combined with row 56, row 57, and row 70 under 1 EA - see row 56 for EA status)									

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			TOTAL ACTIONS:	2100		TOTAL COMPLETED: 1935	TOTAL PENDING:		Total Yes 67		
			Quantity	NEPA Action							
60	Deferred Maintenance/Facilities	Western Region - GUAM SEISMOLOGICAL OBSERVATORY - Replace Hazardous Electrical System	1	CE	Done	1		3/12/2010	Yes		
61	Deferred Maintenance/Facilities	Western Region - IDAHO DISTRICT OFFICE - Architectural Deficiencies	1	CE	Done	1		9/1/2009	Yes		
62	Deferred Maintenance/Facilities	Western Region - IDAHO DISTRICT OFFICE - Renovation of Building 5	1	CE	Done	1		9/1/2009	Yes		
63	Deferred Maintenance/Facilities	Western Region - SITKA MAGNETIC OBSERVATORY - Correct Critical Safety Issues with Vault	1	EA	Done	1		6/29/2010	Yes		
64	Deferred Maintenance/Facilities	Western Region - STEILACOOM WAREHOUSE & STORAGE FACILITY - Reinforce Exterior Walls	1	CE	Done	1		8/31/2009	Yes		
65	Deferred Maintenance/Facilities	Western Region - STEILACOOM WAREHOUSE & STORAGE FACILITY - Underground Tank Removal	1	CE	Done	1		9/4/2009	Yes		
66	Deferred Maintenance/Facilities	Western Region - STEILACOOM WAREHOUSE & STORAGE FACILITY - Update Warehouse Facility to Meet Seismic Requirements	1	CE	Done	1		8/31/2009	Yes		
67	Deferred Maintenance/Facilities	Western Region - TURNING TIDE LABORATORY - New Rescue Boat & Canister Life Raft	1	CE	Done	1		8/24/2009	Yes		
68	Construction	Central Region - COLUMBIA ENVIRONMENTAL RESEARCH CENTER - Office/Laboratory Consolidation New Building Construction & Disposal of 9 Existing Assets (Combined with row 2 and row 3 under 1 EA - see row 2 for EA status)									
69	Construction	Eastern Region - PATUXENT WILDLIFE RESEARCH CENTER - Phase 3 of Construction of New Facility & Disposal of Assets	1	EA	Done	1		9/29/2009	Yes		
70	Construction	Eastern Region - UPPER MIDWEST ENVIRONMENTAL SCIENCES CENTER - Building Addition Segment "D" (Combined with row 56, row 57, and row 59 under 1 EA - see row 56 for EA status)									
71	Deferred Maintenance - Streamgages, cableways, wells	Abandonment of Discontinued Ground Water Wells	123	CE	Done	123		3/25/2010	no		
71a	Deferred Maintenance - Streamgages, cableways, wells	Abandonment of Discontinued Ground Water Wells	39		Withdrawn						
72	Deferred Maintenance - Streamgages, cableways, wells	Removal of Discontinued Cableway Stations	89	CE	Done	89		5/19/2010	no		
72a	Deferred Maintenance - Streamgages, cableways, wells	Removal of Discontinued Cableway Stations	11		Withdrawn						
73a	Deferred Maintenance - Streamgages, cableways, wells	Removal of Discontinued Streamgages	730	CE	Done	730		3/1/2011	no		
73b	Deferred Maintenance - Streamgages, cableways, wells	Removal of Discontinued Streamgages	108		Withdrawn						
74	Upgrade Streamgages	Upgrade USGS Streamgages through purchase of High Data Rate Satellite Radios and new technology streamgaging equipment.	52	CE	Done	52		5/1/2009	Yes		
75	Seismic and volcanic monitoring - earthquakes	ANSS Replacement of Existing Urban Strong Motion Instrumentation	260	CE	Done	260		2/26/2010	Yes		
76	Seismic and volcanic monitoring - earthquakes	ANSS Replacement/Upgrade of Existing Seismograph Stations & Processing Centers	355	CE	Done	355		2/26/2010	yes		
77	Seismic and volcanic monitoring - earthquakes	ANSS Replacement/Upgrade of Existing Deformation Monitoring Equipment	200	CE	Done	200		10/21/2010	yes		
78	Seismic and volcanic monitoring - volcanoes	Alaska Volcano Observatory and NVEWS Upgrades	27	CE	Done	27		3/31/2010	yes		
79	Seismic and volcanic monitoring - volcanoes	Cascades Volcano Observatory and NVEWS Upgrades	9	CE	Done	9		3/31/2010	yes		
80	Seismic and volcanic monitoring - volcanoes	Hawaii Volcano Observatory and NVEWS Upgrades	20	CE	Done	20		3/31/2010	yes		
81	Seismic and volcanic monitoring - volcanoes	Long Valley Volcano Observatory and NVEWS upgrades	3	CE	Done	3		3/31/2010	yes		
82	Seismic and volcanic monitoring - volcanoes	Mariana Islands Volcano monitoring and NVEWS upgrades	3	CE	Done	3		3/31/2010	Yes		
83	Seismic and volcanic monitoring - volcanoes	Yellowstone Volcano Observatory and NVEWS Upgrades	3	CE	Done	3		3/31/2010	yes		
84	National map activities	High Resolution Elevation Data for Coastal Watersheds, Major River Floodplains and Urban Areas	1	CE	Done	1		9/3/2009	Yes		
85	National map activities	High Resolution Orthoimagery: Partnership Funding for High Res Leaf-Off Imagery	1	CE	Done	1		9/3/2009	Yes		

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86	Data preservation	Converting paper copy to digital files	1	CE	Done	1		4/16/2009	Yes		