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MEMORANDUM

TO: Water Quality Board
FROM: Jim Bowcutt, Nonpoint Source Program Coordinator
THROUGH: Walter L. Baker P.E.
DATE: July 29, 2016
SUBJECT: State Nonpoint Source Program Annual Report FY2016

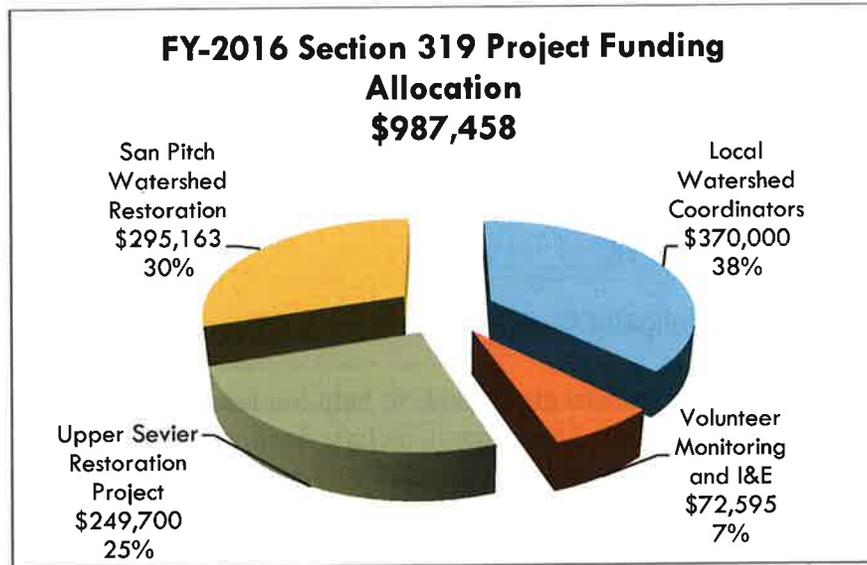
The Division of Water Quality receives grant funds to help implement nonpoint source pollution control projects throughout the state. These grants include Section 319(h) funds from the Environmental Protection Agency and State Nonpoint Source funds authorized by the Water Quality Board. Every year an annual report is submitted to EPA on the accomplishments of the State's Nonpoint Source Program. Staff will present a summary of this report to the Water Quality Board during the meeting scheduled for August 24, 2016.

Attached is an executive summary of the Annual Nonpoint Source Program Report and grant applications funded for the 2017 fiscal year.

State of Utah Nonpoint Source (NPS) Annual Report Utah Water Quality Board Meeting August 24th, 2016

Section 319 Nonpoint source funds

- In FY-16 the State of Utah received \$1,428,000 in Federal Section 319(h) funds. Of these funds, \$440,542 was used for staffing and support, while the remaining \$987,458 was dedicated to 4 projects.



- In addition to the FY-16 funds Utah continues to manage five other federal grant awards, which have been expended to a varied degree. Table 1 summarizes grant awards by year and the approximate percentage that has already been expended in each grant.

Table 1

Section 319(h) Nonpoint Source Funding Project Allocations			
Federal Fiscal Year	Grant Award	Total Expenditures	Percent Expended
FY-11	\$832,921	\$776,468	93%
FY-12	\$830,800	\$751,529	90%
FY-13	\$861,621	\$711,371	83%
FY-14	\$893,621	\$591,299	66%
FY-15	\$888,621	\$452,198	51%
FY-16	\$987,458	\$0	0%
Total	\$5,603,363	\$4,168,672	74%

- The targeted basin funding cycle is now being fully implemented (See Table 2). Since the State began using the targeted basin funding cycle projects are being implemented faster, the quality of projects has improved, the effectiveness of projects is more easily identified, and more partners have begun to align their technical and financial assistance programs with the targeted basin schedule.

Table 2

Basin Priority Funding Schedule						
Watershed	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
(1) Jordan/ Utah lake						
(2) Colorado River						
(3) Sevier, Cedar-Beaver						
(4) Bear River						
(5) Weber River						
(6) Uinta Basin						

- The Bear River is the targeted basin for FY 2017.

Projects Funded in FY-2017

- 57 Grant Applications were received totaling \$4,636,508.
- 44 Projects were funded totaling \$2,087,458 (See FY-2017 Grant Funding Table)

FY-2017 Grants Funded with State NPS Funding

Project Title	Watershed	Sponsor	Contact	Project Type	Amount Requested	Amount Awarded
Local Watershed Coordinators	Statewide	Utah Division of Water Quality	Jim Bowcutt	Technical Assistance	\$400,000.00	\$30,000.00
Utah Watershed Coordinating Council	Statewide	Utah Watershed Coordinating Council	Jim Bowcutt	Watershed Group Support	\$10,000.00	\$10,000.00
Little Mountain Cattle Co. Feedlot Relocation	Lower Bear River	Private Landowner	Buzz Nelson	AFO/CAFO	\$40,000.00	\$40,000.00
2016-2017 Water Week Library Program	Statewide	Intermountain Section AWWA	Alane Boyd	I & E	\$5,200.00	\$4,000.00
Watershed Education in the Provo River Watershed	Utah Lake	Provo River Watershed Council	D Smith	I & E	\$15,000.00	\$10,000.00
Producer Website	Statewide	USU	Rhonda Miller	I&E	\$10,000.00	\$10,000.00
South East Colorado Technical Assistance	South East Colorado	Grand Conservation District	Mike Allred	Technical Assistance	\$35,000.00	\$35,000.00
Homgren Brother's Fencing	Middle Bear River	Private Landowner	Buzz Nelson	Stream Bank	\$34,250.00	\$34,250.00
Engaging Youth Livestock Producers in Manure Management	Statewide	Utah State University	Joshua Dallin	I&E	\$8,276.00	\$8,276.00
Thurston Ranch Riparian Fence	Weber	Trout Unlimited	Paul Burnett	Stream Bank	\$8,855.00	\$8,855.00
Stuart Nature Park	Middle Bear River	Blacksmith Fork Conservation District	Margie	Stream Bank	\$127,500.00	\$80,000.00
Jordan River Ecosystem Restoration at 1700 South	Jordan River	Salt Lake County	Robert Thompson	Streambank	\$554,565.00	\$71,530.00
Terry Welch Stream Restoration	Upper Sevier	Private Landowner	Wally Dodds	Stream Bank	\$28,700.00	\$28,700.00
Cameron Parry Stream Bank	San Pitch	San Pete Conservation District	John Saunders	Stream Bank	\$19,800.00	\$19,800.00
Thanksgiving Point ECO Challenge	Utah lake/Jordan River	Thanksgiving Point Institute	K Shoemaker	I&E	\$7,000.00	\$5,000.00
Pamela Bingham Stream Bank	Middle Sevier	Private Landowner	Pam Bingham	Stream Bank	\$19,740.00	\$19,740.00
Chris Allen Cover Crop	Middle Bear River	Private Landowner	Margie	Cover Crop	\$13,590.00	\$13,590.00
Otter Creek Restoration Project	Middle Sevier	Bureau of land Management	Justin Jimenez	Stream Bank	\$60,000.00	\$60,000.00
Norm Weston Stream Bank	Upper Bear River	Bear Lake Regional Commission	Mitch Poulsen	Stream Bank	\$23,606.00	\$23,606.00
E.coli Source I.D and Pet Waste I&E	Jordan River	Salt Lake County	Marinan Rice	Research/I&E	\$159,297.00	\$60,000.00
Fremont project	Middle Sevier	Private Landowner	Leon Chapel	Streambank	\$22,000.00	\$22,000.00
Pearl Land and Livestock Spring Restoration	Upper Bear River	Bear Lake Regional Commission	Mitch Poulsen	Stream Bank	\$12,140.00	\$12,140.00
Duchesne River Areal Survey	Uinta Basin	Utah Division of Wildlife Resources	Trina Hedrick	Project Planning	\$28,200.00	\$28,200.00
Otter Creek Watershed Plan Development	Middle Sevier	Piute Conservation District	Tracy Balch	Watershed Planning	\$60,000.00	\$40,000.00
New MST Protocols in the Bear and Jordan River	Bear/Jordan River	University of Utah	Ramesh Goel	Research	\$52,096.00	\$26,307.00
Onsite Set-aside	Statewide	UDWQ	Carl Adams	Septic	\$10,000.00	\$10,000.00
Ron Boyer Stream Bank Project	Weber	Private Landowner	Andy Pappas	Stream Bank	\$36,250.00	\$36,250.00
Stephens and Pace Ranch Conservation Easement	Weber	Summit Land Conservancy	Jennifer Buchi	Conservation Easement	\$10,000.00	\$10,000.00
Charles Rex Streambank Stabilization	Upper Bear River	Bear Lake Regional Commission	Mitch Poulsen	Stream Bank	\$33,000.00	\$33,000.00
Jason Morgan Irrigation Project	Weber	Private Landowner	Andy Pappas	Irrigation	\$20,000.00	\$5,000.00
Envirothon	Statewide	UACD	Loralie Cox	I&E	\$5,000.00	\$5,000.00
Pelican Lake Drainage Watershed Plan	Uinta Basin	Utah Division of Wildlife Resources	Trina Hedrick	Watershed Planning	\$40,000.00	\$40,000.00
Helper City Project	Colorado River	Helper City	Jona Skerl	Stream Bank	\$37,448.00	\$25,000.00
Steve Redd	South East Colorado	Private Landowner	Arne Hultquist	AFO/CAFO	\$127,537.00	\$127,537.00
Water Quality Monitoring of Juniper Treatment Programs	Raft River/GSL	UGS	Hugh Hurlow	Research	\$7,219.00	\$7,219.00
Total					\$2,081,269.00	\$1,000,000.00

Projects Funded with Section 319 Funding

Local Watershed Coordinators	Statewide	Utah Division of Water Quality	Jim Bowcutt	Technical Assistance	\$370,000.00	\$370,000.00
Mantua's Maple and Dam Creek Projects	Lower Bear River	Northern Utah Conservation District	Margie	Stream Bank	\$45,740.00	\$45,740.00
Logan River Restoration	Middle Bear River	Blacksmith Fork Conservation District	Margie	Stream Bank	\$818,488.00	\$497,366.00
Utah Water Watch	Statewide	Utah State University	Nancy Mesner	I&E	\$75,630.00	\$75,630.00
Main Creek Stream Restoration Below Roundy Lane	Provo River	Wasatch Conservation District	Daniel Gunnell	Stream Bank	\$21,682.00	\$21,682.00
Little Hobbie Creek Restoration above Round Valley	Provo River	Wasatch Conservation District	Daniel Gunnell	Stream Bank	\$6,420.00	\$6,420.00
Main Creek Restoration Below Round Valley Lane	Provo River	Wasatch Conservation District	Daniel Gunnell	Stream Bank	\$16,050.00	\$16,050.00
Spring Creek Restoration Above Roundy Lane	Provo River	Wasatch Conservation District	Daniel Gunnell	Stream Bank	\$22,470.00	\$22,470.00
Lower Spring Creek Restoration	Provo River	Wasatch Conservation District	Daniel Gunnell	Stream Bank	\$32,100.00	\$32,100.00
Total					\$1,408,580.00	\$1,087,458.00

Funding Available

2017 Section 319 funding	\$	987,458.00
2015 Section 319 Funding	\$	100,000.00
NPS	\$	1,000,000.00
Total	\$	2,087,458.00