

Crescent Lake NPS Protection Project Phase II

Project # 2014RR03 Final Report - October

Grantee: Town of Raymond, Maine

Start Date: March 2014

End Date: October 2016

Grant: Section 319



Prepared by:

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I. PROJECT OVERVIEW

Project Purpose

The purpose of this project was to significantly reduce the pollutant load to Crescent Lake through implementation of conservation practices that reduce erosion and export of sediment and phosphorus into the lake. The goal was to reduce erosion and polluted runoff utilizing conservation practices (water diverters, infiltration steps, vegetative buffers, roofline drip trenches, sediment basins) at 24 sites throughout the watershed with a focus on 4 high and 20 medium impact erosion sites identified in the 2011 watershed survey. These sites were to be spread across residential, youth camp and road sites. In addition, the project aimed to raise awareness about watershed problems through personal contacts with landowners, development of brochures, and public workshops.

Project Highlights and Difficulties

This project was successful and exceeded several of the intended goals. Project highlights include the following:

- ▶ This project addressed erosion problems at 25 NPS sites, exceeding the proposal's goal of 24 sites. This includes 11 road/driveway projects, 4 youth camp sites, and 10 residential sites.
- ▶ Soil loss calculations from 15 NPS abatement sites prevented an estimated 56 tons of soil from reaching Crescent Lake annually as well as 46 pounds of phosphorus and 69 pounds of nitrogen.
- ▶ Two of the large summer youth camps on the lake participated in the project, with four (4) youth camp projects completed; including one site that has historically been a significant source of nutrient and sediment loading into the lake.
- ▶ A total of \$80,369 in matching funds was raised to support the project. This exceeded the required match amount for the grant.
- ▶ Twenty-eight (28) residential site visits were conducted and 10 conservation matching grants were completed.
- ▶ A total of \$38,346 in cost-share grants was awarded to complete the 25 projects.
- ▶ The project team attended and presented information about the grant at 5 annual lake association or road association meetings throughout the project period, one more than required.
- ▶ Two (2) public workshops were held including a hands-on buffer planting workshop at the Town Beach, and a watershed "picnic" which included before and after photos of residential sites, and a tour of several larger NPS sites completed under the Phase II grant.
- ▶ A lake-friendly living brochure was developed and mailed to hundreds of watershed residents. In addition, a 2-page final project summary brochure was developed and will be distributed by the Crescent Lake Watershed Association (CLWA).

Difficulties encountered during the project included the following:

- Lack of interest from residential property owners made it difficult to complete the residential matching grants within the original grant time-frame. Working with the Steering Committee and DEP, the project was extended for an additional field season to complete 10 of the anticipated 12 conservation projects on residential properties. Additional leg-work was needed, including completing site visits and recommendations for 28 residential sites (close to 3 times the number of sites needed to complete the 10 conservation practices. The CLWA stepped-up by making numerous follow-up calls and assisting the Conservation District with lining up these projects.
- Town projects were delayed in 2015 due to existing public works project workload. The extension of the grant allowed the town to complete the projects in 2016. A total of 11 NPS projects were installed, surpassing the original goal of 9 sites. This helped make up for the 2 fewer residential sites.
- Public workshops were not well attended by people outside of the local lake association, and despite best attempts, no residential property owner was willing to use their site as a demonstration site for the workshop. As a result, the second public workshop/picnic focused on celebrating the success of the project, including a presentation of work completed to date, a discussion of next steps for the lake association, and a tour of completed BMP sites at the town beach. Local press attended the event following distribution of a press release about the picnic.

Key Personnel

Key project personnel included Whitney Baker and Jennifer Jespersen of FB Environmental Associates (FBE), and Pat Marass and Heather True with Cumberland County Soil & Water Conservation District (CCSWCD). Chris Baldwin provided the majority of engineering assistance for the District. FB Environmental served as the Project Coordinator for the Town of Raymond, while CCSWCD was contracted to complete the residential matching grant (Task 4) and provided engineering assistance for several of the NPS sites. Nancy Yates provided administrative assistance for the Town of Raymond.

Changes in Scope of Project

The project was extended from March 2016 to October 2016.

Funding for this project, in part, was provided by the U.S. Environmental Protection Agency (EPA) under Section 319 of the Clean Water Act. Section 319 grants are administered by the Maine Department of Environmental Protection in partnership with EPA.

Cover Photos (from top to bottom): Town of Raymond Public Boat Launch, Camp Laurel South Ski Beach, Residential Driveway-Dryad Woods Rd., Rt.85/Plains Rd.

Report prepared by Jennifer Jespersen for FB Environmental Associates.

II. TASK SUMMARY

Task 1. Project Management

- ▶ The Town of Raymond and MDEP signed a grant agreement outlining project roles, responsibilities and funding arrangements. The Town of Raymond provided copies of sub-agreements to Maine DEP for contracts with FBE and CCSWCD.
- ▶ FBE tracked project progress, expenses and local match and completed semi-annual progress reports and one final project report.
- ▶ FBE provided locations and estimates of pollutant reductions (Pollutants Controlled Report (PCR)) to MDEP for each year of the project for all NPS abatement sites completed each year.
- ▶ FBE prepared an NPS Site Tracker spreadsheet with a list of all known NPS sites sorted by sites completed between 2003-2016 followed by sites identified in the 2011 watershed survey that have not yet been completed. FBE provided training to CLWA on how to use the document moving forward.

Task 2. Steering Committee

The steering committee met a total of six times during the grant period. The committee consisted of the following individuals: Kristin Feindel (DEP), Nathan White and Nancy Yates (Town of Raymond), Diehl Estes, Ron Hall, Diane Hebold, Hugh Savage (CLWA), Sue Chapin and Peggy Jensen (RPWA). All of the meetings were held at the Casco Town Office. FBE provided meeting agenda's and meeting notes for each meeting.

Task 3. NPS Abatement Projects

FBE provided landowners, road associations and public works staff with technical assistance and 50% cost-sharing (up to \$4,000/site) to address erosion and runoff problems for 11 NPS sites. A site plan and letter of agreement (LOA) was completed for each site. Following completion of each project, FBE conducted a final site visit, collected photographs and completed an NPS site report. FBE developed permits (Maine DEP Permit-by-rule) for 4 of the 11 sites, and coordinated with the Town of Raymond to ensure that each project was acceptable at both the state and town level. Table 1, below provides a list of NPS projects completed and the grant funds allocated to each.



Completed road project on Dryad Woods Rd.

Table 1. List of NPS Abatement Sites Completed (Task 3)

NPS Site #	Date of Install	Project Name	Grant	Match	Total
1	Oct. '14	Northern Pines Rd.	\$4,000.00	\$5,776.00	\$9,776.00
2	Nov' 14	Haskell Ave. Non-Rd. Assoc.	\$2,685.00	\$2,685.00	\$5,370.00
3	June '15	Town Beach Buffer Planting	\$842.39	\$842.39	\$1,684.78
4	July '15	Crescent Woods Rd. Assoc. ROW	\$415.50	\$ 806.50	\$1,222.00
5	Oct '15	Conesca/Mtn. Rd. Ditches	\$4,000.00	\$5,284.85	\$9,284.85
6	Nov '15	Hancock Rd. Upper	\$1,860.50	\$1,860.50	\$3,721.00
7	Nov '15	Dryad Woods Rd. Culvert	\$1,498.00	\$1,498.00	\$2,996.00
8	Aug '16	Hansen Driveway	\$4,000.00	\$5,169.00	\$9,169.00
9	Sept '16	Town Boat Launch	\$1,694.26	\$1,694.26	\$3,388.52
10	Sept '16	Town Beach/Parking Area	\$3,241.67	\$10,924.00	\$14,165.67
11	Sept '16	Route 85 @ Plains Rd.	\$3,500.00	\$6,165.60	\$9,665.60
Total Grant Cost (Task 3)			\$27,737.32	\$42,706.10	\$70,443.42

Task 4. Residential Matching Grants

CCSWCD provided free technical assistance to twenty-eight (28) landowners and provided ten (10) matching grants. Participants were expected to provide 50% match through cash, material or labor contributions and agreed to maintain the projects as directed. A written technical assistance plan with site conditions, general recommendations and design were developed for all properties visited. In addition, each grant recipient signed a formal cost sharing agreement, which specified how materials were purchased (either Town of Raymond provides or landowner purchases and Town of Raymond reimburses), and that verification of proper installation occurred to complete the agreement. Table 2, below, provides a summary of these sites.

Table 2. List of Residential Matching-Grant Sites (Task 4)

NPS Site #	Last Name	Address	Grant	Match	Total
1	Benson	74 Hancock Road, Raymond	\$350.00	\$503.16	\$853.16
2	Bersch	60 Hancock Road	\$350.00	\$475.00	\$825.00
3	Bruns	27 Crescent Shore Road, Raymond	\$350.00	\$795.56	\$1,145.56
4	Cottage Lake Condominium Association	Crescent Lake Cottages (12 cottages off Plains Road and Route 85) - Next to Raymond Town Beach	\$291.70	\$291.70	\$583.40
5	Delano	66 Myron Hall Road, Raymond	\$245.29	\$245.29	\$490.58
6	Fournier	6 Summer Hill Lane, Raymond	\$0.00	\$0.00	\$0.00
7	Hanson	128 Dryad Woods Road	\$350.00	\$453.00	\$803.00
8	Sanborn	76 Myron Hall Road, Raymond	\$350.00	\$749.27	\$1,099.27
9	Savage	20 Berry Cove Road, Raymond	\$117.75	\$193.83	\$311.58
10	Stinson	51 Haskell Road, Raymond	\$182.23	\$411.20	\$411.20
Total Grant Cost (Task 4)			\$2,586.97	\$4,118.01	\$6,522.75

Task 5. Education and Outreach

Workshops

Two public workshops were held to demonstrate conservation landscaping. This included:

- ▶ A buffer planting workshop on June 30, 2015. Ten people attended the workshop and learned about how to properly plant native vegetation within the shoreland zone. Maggie Shannon from the Maine Lakes Society attended the workshop to provide information about the LakeSmart program.
- ▶ A community picnic on August 25, 2016. Seventeen people attended the picnic in August to learn more about the outcome of the 3-year grant. Heather True from CCSWCD presented before and after photos of residential projects and provided attendees with handouts on residential conservation practices. Jen Jespersen (FBE) provided an overview of NPS Abatement and Youth Camp projects and gave a tour of the 3 completed sites near the town beach.

Press releases were developed for both events. A newspaper article was printed about the workshop and posted to the CLWA website.



Buffer Planting Workshop (top) and Final Grant Workshop/Picnic (bottom).

Publicity

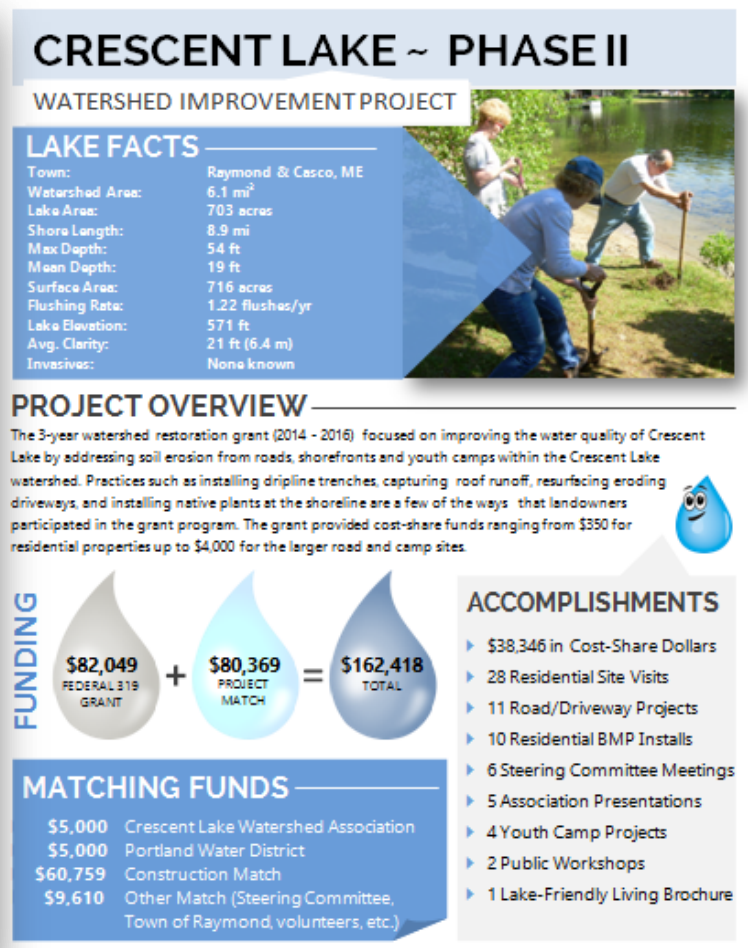
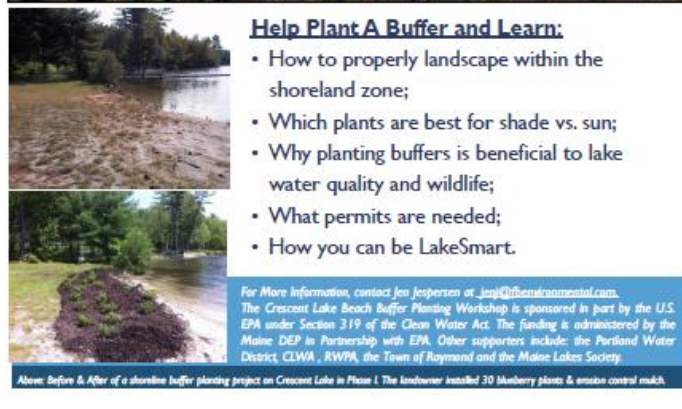
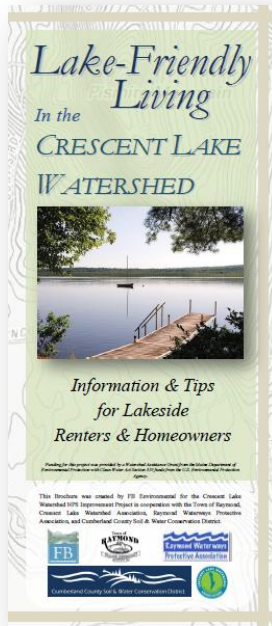
Publicity for the project included:

- ▶ Project updates were published in the CLWA newsletter, CLWA mailings, and on the town website.
- ▶ A Lake-Friendly Living brochure (tri-fold) was developed by FBE and mailed to all CLWA members through a direct mailing by CLWA.
- ▶ A Residential BMP flyer was developed for distribution and posting at the town office and by CLWA and RWPA to encourage residential landowners to participate in the cost-share program.
- ▶ Two press releases were developed and sent to local papers to invite the public to the two grant workshops.
- ▶ Two "grant update flyers" were prepared (2014 & 2016) to keep project partners updated on grant deliverables.
- ▶ A 2-page final project brochure was produced by FBE to summarize the results of the project. The final brochure will be used by the CLWA and RWPA to publicize the work completed.

FBE and CCSWCD project staff gave five (5) presentations at the following annual meetings. Only four meetings were required in the scope of work:

- ▶ CLWA Annual Meeting (July 2014)
- ▶ RWPA Annual Meeting (July 2014)
- ▶ RWPA Annual Meeting (July 2015)
- ▶ CLWA Annual Meeting (July 2015)
- ▶ Crescent Shores Road Assoc. Meeting (July 2014)

The presentations emphasized the benefits of buffers and erosion control measures, and the availability of technical assistance with an emphasis on residential matching grants. CCSWCD attended two of the five meetings.



Examples of outreach materials. Lake-friendly Living brochure (top left), Buffer Workshop flyer (bottom left) and final project brochure (bottom right).

Task 6. Summer Youth Camp Conservation Practices

Four (4) Summer Youth Camp sites were completed located at two of the large summer youth camps on Crescent Lake. Three of the sites were located at Camp Agawam in Raymond, and one at Camp Laurel South in Casco. All four sites required a Permit-by Rule. Camp Laurel South required an engineered site design for the steep, eroding slope known as the "ski beach".

Table 3. List of Youth Camp Sites (Task 6)

NPS Site #	Date of Install	Project Name	Grant	Match	Total
1	Nov' 15	Camp Agawam-Shop Cabin	\$264.00	\$264.00	\$528.00
2	May '16	Camp Agawam Staff Cabin	\$1,000.00	\$1,000.00	\$2,000.00
3	May '16	Camp Agawam- Frog Hollow	\$2,759.00	\$2,759.00	\$5,518.00
4	Sept '16	Camp Laurel South	\$4,000.00	\$9,912.28	\$13,912.28
Total Grant Cost (Task 6)			\$8,023.00	\$13,935.28	\$21,958.28

Task 7. Pollutant Reduction Estimates

Pollutants Controlled Reports (PCRs) were submitted in December 2014 and 2015, and October 2016. Pollutant reduction estimates were required for NPS Abatement (Task 3) and Youth Camp Projects (Task 6). Therefore, the total pollutant loading estimate does not include the ten residential matching grant projects. A total of 56 tons of sediment, 46 pounds of phosphorus and 69 pounds of nitrogen are estimated to have been prevented from entering Crescent Lake as a result of this project. A summary of pollutant load reductions by site is provided in Table 4 (below).

Table 4. Pollutant Load Reduction Estimates for 15 NPS Abatement & Youth Camp Sites

Site Name	Sediment (tons/yr)	Phosphorus (pounds/yr)	Nitrogen (pounds/yr)
Northern Pines Road	2.47	0.3	0.7
Haskell Ave 2	0.1	0.08	na
Dryad Woods Rd.	10.2	8.8	0.7
Hancock Rd. ROW	0.1	0.1	0.2
Hancock Rd. Upper	2.2	1.9	na
Mtn. Rd./Conesca	1.4	1.2	2.5
Frog Hollow- Agawam	0.1	0.1	0.2
Staff Cabin- Agawam	0.01	0.01	0.01
Hansen Driveway- DWR	2.3	1.9	na
Ski Beach-Camp Laurel South	32	27	55
Town Beach Parking Lot	0.85	0.72	1.44
Public Boat Launch	3.5	3.0	6.0
Rt. 85/Plains Rd.	1.1	0.96	1.9
TOTAL	56	46	69

III. DELIVERABLES SUMMARY

1. **Sub-agreements** between the Town of Raymond and FBE and the Town of Raymond and CCSWCD were provided to Maine DEP in April 2014. **Quarterly progress reports** were provided to Maine DEP 5/14, 11/14, 5/15, and 11/15 and 5/16. **A final project report** and an NPS Site Tracker Summary were provided to Maine DEP in October 2016.
2. **NPS Site Reports:** Fifteen NPS Site Reports were submitted to Maine DEP upon completion of construction.
3. A summary outcome of **residential conservation matching grants** by NPS site as provided by CCSWCD to the Town of Raymond and Maine DEP in October 2016.
4. Copies of key **education/outreach materials** were provided to Maine DEP throughout the project period. The final project brochure was submitted in October 2016.
5. **Pollutants Controlled Reports** were submitted in December 2014 and 2015, and October 2016.

IV. PROJECT OUTCOMES

Major Outcomes

Eleven NPS abatement sites, four youth camp sites and ten residential conservation matching grant sites were addressed through this project, for a total of 25 projects completed.

Environmental Results

A total of 56 tons of sediment, 46 pounds of phosphorus and 69 pounds of nitrogen are estimated to have been prevented from entering Crescent Lake as a result of this project. Water clarity measurements in Crescent Lake from 1974-2014 indicate that minimum Secchi disk transparency is declining over time (Figure 1), while average transparency is staying relatively stable. Conservation practices that reduce sediment and nutrients from entering Crescent Lake may help reverse the decline in clarity.

Lessons Learned

- ▶ The Phase II Protection Project did an excellent job raising community awareness about the relationship between clean water and lake-friendly conservation practices. The final project brochure will be used to continue this outreach.
- ▶ There was a greater interest in the NPS abatement projects compared to the residential matching grant program or youth camp program. Considerably more effort was needed to complete the required number of residential and youth camp projects, yet there was a waiting list to complete the

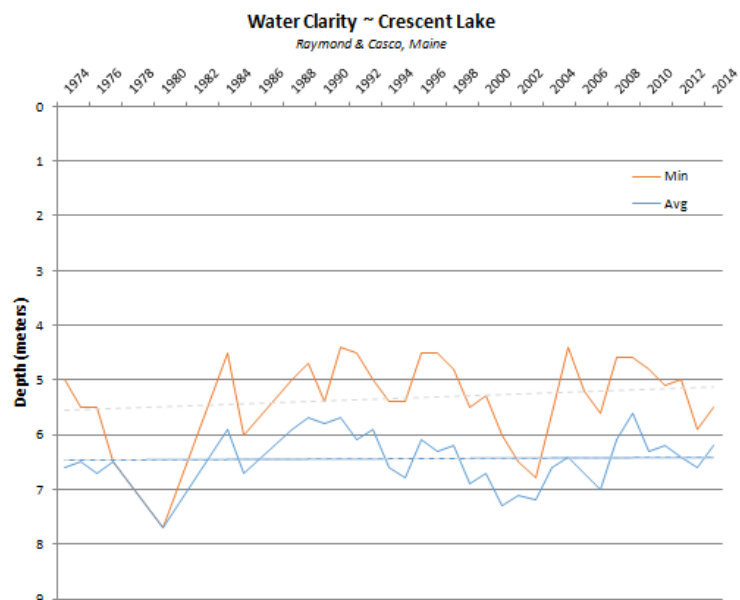


Figure 1. Minimum water clarity readings in Crescent Lake is showing a declining trend over time. Data source: LakesofMaine.org

larger road projects. The need for technical assistance for road associations appears to be high in this watershed.

- ▶ Residential property owners are interested in doing the right thing, but a little complacent about doing it "now". This resulted in having to conduct site visits and provide recommendations to twenty-eight landowners, with only ten participating in the cost-share program. Many of these sites were visited two or three times which required more hours than anticipated on this task.
- ▶ The engineering services provided by CCSWCD was invaluable to the project, especially for some of the more complex sites such as the boat launch, Camp Laurel South's ski beach, and Crescent Shores Road. Several iterations were required for each project. Without these services many of the large-scale projects with some of the highest pollutant loading would not have been completed.
- ▶ Nearing year three of the project it appeared that it would be difficult to meet the minimum match requirements. However, with some persistence from project staff, and the completion of several large town projects in year three, the match requirement was exceeded.

V. SUMMARY OF TOTAL EXPENDITURES

The Crescent Lake Phase II NPS Protection Project funded 25 NPS projects throughout the Crescent Lake watershed. All federal grant funds were utilized, and local match exceeding the anticipated amount was successfully raised to help complete the project (Table 5). Matching funds included:

- ▶ \$5,000 cash match from the Portland Water District to support education and outreach efforts.
- ▶ \$5,000 cash match from the Crescent Lake Watershed Association
- ▶ \$60,759 in construction match including labor and materials
- ▶ \$9,610 in other match (steering committee members, Town of Raymond, volunteers, etc.)

A full list of matching funds is provided in Appendix A.

Table 5. Financial Summary for Crescent Lake NPS, Phase II

	Federal NPS Grant	Local Match	Total
Funds Originally Allocated	\$82,049.00	\$76,518.00	\$158,567.00
Funds Expensed	\$82,049.00	\$80,368.80	\$162,417.80
Funds Remaining	\$0.00	\$0.00	\$0.00

APPENDIX A- List of Non-Federal Match for Crescent Lake NPS Phase II

Date	Source	Title	Activity or Item	Task	Hours	Rate/ Value	Expenses	Total Labor/Exp.	Const. Match
5/15/2014	Beth Latsky	Casco Parks & Rec Director	Casco Community Center Room Rental	2				\$25	
5/16/2014	Nancy Yates	Town of Raymond	Grant Meeting/Steering Committee Meeting	2	3	\$30		\$90	
5/16/2014	Ron Hall	CLWA	Steering Committee Meeting	2	1.5	\$16.84		\$25.26	
5/16/2014	Bob Chapin	RWPA	Steering Committee Meeting	2	1.5	\$25		\$37.5	
5/16/2014	Molly McCormick	CLWA	Steering Committee Meeting	2	1.5	\$16.84		\$25.26	
5/16/2014	Steve McCormick	CLWA	Steering Committee Meeting	2	1.5	\$16.84		\$25.26	
5/16/2014	Gary Nickerson	CLWA	Steering Committee Meeting	2	2	\$16.84		\$33.68	
5/16/2014	Steve McCormick	CLWA	Northern Pines Rd Walk with Project Staff	3	0.5	\$16.84		\$8.42	
5/16/2014	Diehl Estes	Grounds Manager, Camp Agawam	BMP Site Visit with Project Staff	6	1	\$30		\$30	
5/16/2014	Gene Dean	Grounds Manager, Camp Laurel South	BMP Site Visit with Project Staff	6	1	\$30		\$30	
5/30/2014	John Kirby	Trustee, Christ Chapel Church, Northern Pines Rd	Private Rd. site visit with contractor	3	1	\$20		\$20	
5/30/2014	Eric Bowdoin	Trustee, Christ Chapel Church, Northern Pines Rd	Private Rd. site visit with contractor	3	1	\$30		\$30	
5/30/2014	Cathy Sanborn	Residential Landowner	Meet w/CCSWCD at Myron Hall Rd.	4	1	\$18.46		\$18.46	
6/8/2014	Cathy Sanborn	Residential Landowner	BMP Match for 76 Myron Hall Rd.	4					\$730.81

Date	Source	Title	Activity or Item	Task	Hours	Rate/ Value	Expenses	Total Labor/Exp.	Const. Match
6/19/2014	Roger Christian	Owner/Director, Camp Laurel South	Site visit with CC Engineer @ Ski Beach	6	1	\$30		\$30	
6/19/2014	Gene Dean	Grounds Manager, Camp Laurel South	Site visit with CC Engineer @ Ski Beach	6	1	\$30		\$30	
7/5/2014	Mike Carey	Myron Hall Road Association	TA Site walk of Myron Hall Road	3	1	\$20		\$20	
7/5/2014	Ron Hall	Myron Hall Road Association	TA Site walk of Myron Hall Road	3	1	\$20		\$20	
7/5/2014	Liz Delano	Myron Hall Road Association	TA Site walk of Myron Hall Road	3	1	\$20		\$20	
7/5/2014	Mr. Delano	Myron Hall Road Association	TA Site walk of Myron Hall Road	3	1	\$20		\$20	
7/5/2014	Steve Fournier	Myron Hall Road Association	TA Site walk of Myron Hall Road	3	1	\$20		\$20	
7/5/2014	Trish Fournier	Myron Hall Road Association	TA Site walk of Myron Hall Road	3	1	\$20		\$20	
7/5/2014	Belinda Hall	Myron Hall Road Association	TA Site walk of Myron Hall Road	3	1	\$20		\$20	
7/5/2014	Jeff Hall	Myron Hall Road Association	TA Site walk of Myron Hall Road	3	1	\$20		\$20	
7/14/2014	Charlie Bradbury	Haskell Road Association	TA Site walk of Haskell Ave Site	3	1	\$20		\$20	
7/14/2014	Rex Bradbury	Haskell Road Association	TA Site walk of Haskell Ave Site	3	1	\$20		\$20	
7/14/2014	Whitney Baker	President, Haskell Road Association	TA Site walk of Haskell Ave Site	3	1	\$20		\$20	
7/14/2014	Whitney Baker	Haskell Road Association	TA Site walk of Haskell Ave Site	3	1	\$20		\$20	
7/24/2014	Nathan White	Raymond DPW	Phone calls about project	3	0.5	\$30		\$15	
7/24/2014	Diehl Estes	Camp Agawam	Phone calls about project	6	0.5	\$30		\$15	

Date	Source	Title	Activity or Item	Task	Hours	Rate/ Value	Expenses	Total Labor/Exp.	Const. Match
7/26/2014	Jim Gass	Crescent Woods Rd Association (Hancock Rd. Site)	TA Site walk of Hancock Rd. and Trail	3	2	\$20		\$40	
7/26/2014	Sheila Bourque	Crescent Woods Rd Association (Hancock Rd. Site)	TA Site walk of Hancock Rd. and Trail	3	2	\$20		\$40	
8/4/2014	Keith Butterfield	Haskell Road Association	TA Site walk of Haskell Ave/Route 85 Site	3	1.5	\$20		\$30	
8/4/2014	Nathan White	Raymond DPW	Watershed Tour of Potential Town Sites	3	2	\$30		\$60	
8/15/2014	Steve McCormick	CLWA	Northern Pines Rd Walk with Project Staff	3	1	\$16.84		\$16.84	
9/10/2014	Gene Bean	Grounds Manager, Camp Laurel South	skiing beach design review on site	6	1	\$30		\$30	
9/10/2014	Roger Christian	Owner/Director, Camp Laurel South	skiing beach design review on site	6	1	\$30		\$30	
9/12/2014	Liz Delano	Road Association Pres Myron Hall Rd	Meet on site to discuss plan - Myron Hall Rd	3	1	\$16.84		\$16.84	
9/25/2014	Jim Gass	Road Association Pres Crescent Woods	Site visit with contractor for estimate	3	1.5	\$16.84		\$25.26	
9/25/2014	Sheila Bourque	Road Association Secretary Crescent Woods	Site visit with contractor for estimate	3	1.5	\$16.84		\$25.26	
9/25/2014	Mike Carey	P&K Sand and Gravel	Site visit with contractor for estimate	3	1	\$30		\$30	
9/25/2014	Steve McCormick	CLWA	Northern Pines Rd final inspection	3	1	\$16.84		\$16.84	

Date	Source	Title	Activity or Item	Task	Hours	Rate/ Value	Expenses	Total Labor/Exp.	Const. Match
10/7/2014	Keith Butterfield	Haskell Ave (non rd assoc) homeowner	Site visit with contractor for estimate	3	1	\$16.84		\$16.84	
10/7/2014	Land Owner	Haskell Ave (non rd assoc) homeowner	Site visit with contractor for estimate	3	1	\$16.84		\$16.84	
10/7/2014	Bruce Plummer	P&K Sand and Gravel	Site visit with contractor for estimate	3	1	\$30		\$30	
10/15/2014	CCSWCD	Conservation grant match	Updated as of Oct 2014	4				\$323.05	
10/20/2014	Nancy Yates	Town of Raymond	Administrative tasks (through Oct 2014)	1	8	\$30		\$240	
10/20/2014	Nathan White	Raymond DPW	Delivery of mulch to Crescent Woods	3	1	\$30		\$30	
10/20/2014	Steve McCormick	Northern Pines Road/CLWA	Help with construction July - Sept 2014 (see email)	3	40	\$16.84		\$673.60	
10/22/2014	Beth Latsky	Casco Parks & Rec Director	Casco Community Center Room Rental	2				\$25	
10/22/2014	Nancy Yates	Town of Raymond	Steering Committee Meeting	2	2.5	\$30	\$4.40	\$79.40	
10/22/2014	Ron Hall	CLWA	Steering Committee Meeting	2	2	\$16.84		\$33.68	
10/22/2014	Diane Hebold	CLWA	Steering Committee Meeting	2	2	\$16.84		\$33.68	
10/22/2014	Sue Chapin	RWPA	Steering Committee Meeting	2	2	\$16.84		\$33.68	
10/22/2014	Peggy Jensen	RWPA	Steering Committee Meeting	2	2.5	\$16.84	\$4.40	\$42.10	
10/30/2014	CLWA	CLWA	CASH MATCH	3				\$2,500	
10/30/2015	Northern Pines Rd. Assoc.	CASH MATCH	NORTHERN PINES RD CONSTRUCTION COSTS	3					\$5776
11/5/2014	Portland Water District	CASH MATCH	PORTLAND WATER DISTRICT	3				\$5,000	
11/30/2014	Haskell Ave. Landowners	CASH MATCH	HASKELL AVE 2 CONSTRUCTION COSTS	3					\$2685

Date	Source	Title	Activity or Item	Task	Hours	Rate/ Value	Expenses	Total Labor/Exp.	Const. Match
4/8/2015	Beth Latsky	Casco Parks & Rec Director	Casco Community Center Room Rental	2				\$25	
4/8/2015	Nancy Yates	Town of Raymond	Grant Meeting/Steering Committee Meeting	2	2	\$30		\$60	
4/8/2015	Nathan White	Town of Raymond	Steering Committee Meeting	2	2	\$30		\$60	
4/8/2015	Peggy Jensen	RWPA	Steering Committee Meeting	2	2.5	\$16.84	\$4.40	\$42.10	
4/8/2015	Diehl Estes	CLWA	Steering Committee Meeting	2	2	\$30		\$60	
4/8/2015	Ron Hall	CLWA	Steering Committee Meeting	2	3.75	\$16.84	\$26.40	\$89.55	
4/30/2015	Nancy Yates	Town of Raymond	Project Hours (administrative)	1	8.5	\$30		\$255	
5/5/2015	Ron Hall	CLWA	Prep for distribution meeting	5	4	\$16.84		\$67.36	
5/7/2015	Ron Hall	CLWA	Distribution of flyer meeting	5	18	\$16.84	\$189	\$492.12	
5/11/2015	Ron Hall	CLWA	Road project coordination	5	3	\$16.84		\$50.52	
6/2/2015	Nancy Yates	Town of Raymond	Grant Meeting/Steering Committee Meeting	2	2	\$30		\$60	
6/2/2015	Diane Hebold	CLWA	Steering Committee Meeting	2	2	\$16.84		\$33.68	
6/2/2015	Peggy Jensen	RWPA	Steering Committee Meeting	2	2.5	\$16.84	\$4.40	\$42.10	
6/2/2015	Diehl Estes	CLWA	Steering Committee Meeting	2	2	\$30		\$60	
6/2/2015	Ron Hall	CLWA	Steering Committee Meeting	2	2.75	\$16.84		\$46.31	
6/2/2015	Sue Chapin	RWPA	Steering Committee Meeting	2	2.75	\$16.84		\$46.31	
6/30/2015	Sue Chapin	RWPA	Buffer Planting Workshop	5	3	\$16.84		\$50.52	
6/30/2015	Lisa Hall	RWPA	Buffer Planting Workshop	5	3	\$16.84		\$50.52	
6/30/2015	Brien Richards	CLWA	Buffer Planting Workshop	5	2	\$16.84		\$33.68	
6/30/2015	Sarah Selemons	Citizen-Kezar Lake	Buffer Planting Workshop	5	2	\$16.84	40 miles	\$33.68	
6/30/2015	Maggie Shannon	Maine Lakes Society	Buffer Planting Workshop	5	4.5	\$30	120 miles	\$135	
6/1/2015	Peggy Jensen	Town of Raymond	RWPA Newsletter Item	5	0.25	\$16.84		\$4.21	
9/1/2015	Nancy Yates	Town of Raymond	RWPA Newsletter Item	5	0.75	\$30		\$22.5	

Date	Source	Title	Activity or Item	Task	Hours	Rate/ Value	Expenses	Total Labor/Exp.	Const. Match
9/1/2015	Nancy Yates	Town of Raymond	Admin (emails, invoicing, discussions, reports)	1	7.5	\$30		\$225	
9/8/2015	Beth Latsky	Casco Parks & Rec Director	Casco Community Center Room Rental	2				\$25	
9/8/2015	Peggy Jensen	RWPA	Steering Committee Meeting	2	2.5	\$16.84	\$4.40	\$46.5	
9/8/2015	Ron Hall	CLWA	Steering Committee Meeting	2	2.25	\$16.84	\$2.20	\$40.09	
9/8/2015	Diehl Estes	CLWA	Steering Committee Meeting	2	2.25	\$16.84	\$2.02	\$40.09	
9/8/2015	Diane Hebold	CLWA	Steering Committee Meeting	2	2.25	\$16.84	\$2.20	\$40.09	
9/8/2015	Sue Chapin	RWPA	Steering Committee Meeting	2	2.25	\$16.84	\$4.40	\$42.29	
9/8/2015	Nathan White	Town of Raymond	Steering Committee Meeting	2	2.5	\$30	\$7.04	\$82.04	
9/8/2015	Nancy Yates	Town of Raymond	Steering Committee Meeting	2	2.5	\$30		\$75	
10/30/2015	Nancy Yates	Town of Raymond	Admin (emails, invoicing, project extension)	1	5	\$30		\$150	
6/30/2015	Nathan White	Town of Raymond	Town Beach Buffer Planting-Town Contribution	3				\$253	
6/30/2015	J. Jespersen	FBE	Town Beach Buffer Planting-volunteer contribution	3	13.5	\$16.84	\$77.44	\$304.78	
8/24/2015	Sheila Borque	Hancock Road	Hancock Road ROW Project	3	37.5	\$16.84		\$631.5	
8/30/2015	Nathan White	Town of Raymond	Hancock Road ROW Project	3	2	\$30	\$145	\$205	
10/30/2015	Frank Bruns	Landowner	Frank Bruns-Res. Install	4	34	\$18.46		\$627.64	\$167.92
10/30/2015	Nathan White	Town of Raymond	Mtn. Road/Conesca Ditches-CONSTRUCTION MATCH	3					\$5,284.85
12/31/2015	Elizabeth McLaughlin	Dryad Woods Rd. Association	Hancock Rd. (upper)	3					\$1,860.5
12/31/2016	Jim Gass	Hancock Rd. Assoc.	Dryad Wood Rd. Culvert	3					\$1,498
12/31/2016	Diehl Estes	Camp Agawam	Shop Cabin BMPs	6					\$264
12/17/2016	Nancy Yates	Town of Raymond	NPS project meeting w/FBE and DEP	1	1	\$30		\$30	

Date	Source	Title	Activity or Item	Task	Hours	Rate/ Value	Expenses	Total Labor/Exp.	Const. Match
3/21/2016	Joanne Stinson	Landowner	Residential Install- 53 Haskell Rd.	4				\$411.20	\$411.20
3/23/2016	Nancy Yates	Town of Raymond	Writing, reading, responding to emails	1	4.25	\$30		\$127.50	
3/23/2016	Nancy Yates	Town of Raymond	Issue checks/invoicing	1	2.5	\$30		\$75	
3/23/2016	Nancy Yates	Town of Raymond	March 23 Steering Committee Meeting	2	2	\$30		\$60	
3/23/2016	Diane Hebold	CLWA	March 23 Steering Committee Meeting	2	2	\$16.84	\$6.60	\$40.28	
3/23/2016	Sue Chapin	RWPA	March 23 Steering Committee Meeting	2	2	\$16.84	\$6.60	\$40.28	
3/23/2016	Diehl Estes	CLWA	March 23 Steering Committee Meeting	2	2	\$16.84	\$5.28	\$38.96	
3/23/2016	Peggy Jensen	RWPA	March 23 Steering Committee Meeting	2	2	\$16.84		\$33.68	
3/23/2016	Ron Hall	CLWA	March 23 Steering Committee Meeting	2	3	\$16.84	\$29.92	\$80.44	
3/23/2016	Hugh Savage	CLWA	March 23 Steering Committee Meeting	2	3.5	\$16.84	\$33.44	\$92.38	
3/23/2016	Beth Latsky	Casco Parks & Rec Director	Casco Community Center Room Rental	2				\$25	
12/15/2015	Lisa Hall	CLWA	Discussions at CLWA Board Meetings in '15	4	6	\$16.84		\$101.04	
10/15/2015	Lisa Hall	CLWA	Lisa Hall - Telephone Calls	4	0.75	\$16.84		\$12.63	
12/31/2016	Lisa Hall	CLWA	2015 CLWA Board Mtgs.(Discussions and status update)	4	18.75	\$16.84		\$315.75	
3/15/2016	Lisa Hall	CLWA	Meeting with Heather	4	1.5	\$16.84		\$25.26	
3/15/2016	Lisa Hall	CLWA	Travel to Status Meeting with Heather 60 mi	4		\$0.44		\$20.84	

Date	Source	Title	Activity or Item	Task	Hours	Rate/ Value	Expenses	Total Labor/Exp.	Const. Match
3/20/2016	Ron Hall	CLWA	CASH MATCH	4				\$2,500	
summer '15	Lisa Hall	CLWA	Tractor with bucket	4	1	\$32		\$32	
summer '15	Lisa Hall	CLWA	3/4 ton pickup Truck	4	2	\$32		\$64	
summer '15	Lisa Hall	CLWA	Operator - Tractor with bucket	4	1	\$16.84		\$16.84	
summer '15	Lisa Hall	CLWA	Operator - 3/4 ton pickup Truck	4	2	\$16.84		\$33.68	
4/26/2016	Lisa Hall	CLWA	Lisa Hall - email to Heather	4	6	\$16.84		\$101.04	
4/20/2016	Peggy Jensen	RWPA	RWPA Newsletter	4	0.25	\$16.84		\$4.21	
4/26 & 4/27/16	Peggy Jensen	RWPA	Phone calls and Emails	4	0.5	\$16.84		\$8.42	
4/26/2016	Diane Hebold	CLWA	Newsletter for Task 4	4	20	\$16.84		\$336.80	
4/30/2016	Nathan White	Town of Raymond	Hours accrued during this period- Construction Oversight and planning	3	10	\$30		\$300	
5/1/2016	Lisa Hall	CLWA	Monthly CLWA Board Meetings in 2016 (discussions & updating)	1	6	\$16.84		\$101.04	
6/30/2016	Heather True	CCSWCD	Match (unreimbursed labor)	4				\$2,693.27	
10/11/2016	Peter Benson	Landowner	Benson-Residential BMPs	4				\$503.16	\$503.16
10/11/2016	Ray Bersch	Landowner	Bersch- Residential BMPs	4				\$475	\$475
10/11/2016	Bernard Laybourne	Condo Association	Cottage Lake Condominium Cottage Association- Residential	4				\$291.70	\$291.70
10/11/2016	Liz Delano	Landowner	Delano-Residential	4				\$245.29	\$245.29
10/11/2016	Jon Hansen	Landowner	Hansen-Residential	4				\$453	\$453
10/11/2016	Hugh Savage	Landowner	Savage-Residential	4				\$193.83	\$193.83
10/11/2016	Diehl Estes	Camp Agawam	Camp Agawam Staff Cabin	3				\$1,000	\$1,000
10/11/2016	Diehl Estes	Camp Agawam	Camp Agawam- Frog Hollow	3				\$2,759	\$2,759

Date	Source	Title	Activity or Item	Task	Hours	Rate/ Value	Expenses	Total Labor/Exp.	Const. Match
10/11/2016	Jon Hansen	Landowner	Hansen Driveway	3					\$5,169
10/11/2016	Gene Bean	Grounds Mnger	Camp Laurel South	3					\$9,912.28
10/11/2016	Town of Raymond	Nathan White	Town Boat Launch	3					\$1,694.26
10/11/2016	Town of Raymond	Nathan White	Town Beach/Parking Area	3					\$10,924
10/11/2016	Town of Raymond	Nathan White	Route 85 @ Plains Rd.	3					\$6,165.60
Subtotal Match								\$21,904.398	\$58,464.40
								TOTAL MATCH	\$80,368.80

ATTACHMENT B: NON-FEDERAL MATCH DOCUMENTATION/CERTIFICATION

(See Attachment A: List of Non-federal Match)

GRANTEE INFORMATION:

Name: Nancy Yates, Finance Director

Address: Town of Raymond

401 Webbs Mills Road

Raymond, ME 04071

Telephone: (207)655-4742 x 132

Contact Person: Nancy Yates

PROJECT INFORMATION:

Project Title: Crescent Lake Watershed NPS Protection Project, Phase II


Project ID#: 2014RR03

Match Amount planned under the Grant Agreement: \$76,518.00

Match Amount Claimed: \$80,368.80

CERTIFICATION STATEMENT:

I certify that the non-federal match detailed in the attached information were expended in the course of completing work described in the Grant Agreement for the Project referenced above, and that detailed documentation of the match information is on file and available for review at the Grantee address shown above.

Date 10/20/2016  Signature of Grantee - Authorized Official