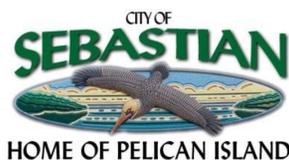


CITY OF SEBASTIAN'S COMMUNITY OYSTER GARDEN COST-SHARE GRANT PROJECT



FINAL REPORT
OCTOBER 4, 2019

SEBASTIAN COMMUNITY OYSTER GARDEN



COMMUNITY DEVELOPMENT DEPARTMENT
1225 MAIN STREET ■ SEBASTIAN, FLORIDA 32958
TELEPHONE (772) 589-5518 ■ FAX (772) 388-8248
www.cityofsebastian.org

October 4, 2019

Mr. Daniel Kolodny
Indian River Lagoon Council
1235 Main Street
Sebastian, FL 32858

RE: City Of Sebastian, Community Oyster Garden Project, Contract #28488.
Final Deliverables Grant Report

Mr. Kolodny,

Please accept this letter and attachments for the project deliverables and final report for year 2 of the City of Sebastian's Community Oyster Garden Cost-Share Grant Project, in accordance with Contract #28488.

The City is proud to report that within one year of this program, there were nearly 300 community participants learning about oysters and their role in the Indian River Lagoon (IRL) ecosystem. Interest continues for the interactive program and future educational programming at the site will be presented in the form of scheduled workshops and talks covering local topics such as aquaculture, stormwater issues, and the history of the Lagoon.

The Community Oyster Garden program has successfully raised community awareness of issues affecting the health of the IRL and the value of individual stewardship. The educational activities also facilitated interaction with the Fisherman's Landing Working Waterfront, its amenities and historic installations, as participants also learned the environmental, historic, and economic value of fishing and aquaculture in the Lagoon. The successful health and natural recruitment observed in the oyster baskets and on the living dock installations supports the Central Indian River Lagoon as an ideal environment for oyster promulgation and growth. The incredible growth of the oysters provides plenty for contribution to future oyster gardeners and potentially incorporation into an on-site living shoreline installation.

The City of Sebastian would like to extend a special "thank you" to the Indian River Lagoon Council (IRLC) for their support in the Community Oyster Garden Project. The educational outreach of the project was enhanced by interagency collaboration from the IRLC, as well as the Florida Institute of Technology, Brevard Zoo's Restore Our Shores Program, Environmental Learning Center, and many other groups who offered technical advice and provided talented volunteers.

Sincerely,
Kimberly Haigler

Kimberly Haigler
Environmental Technician
City of Sebastian
khaigler@cityofsebastian.org
(772) 388-8206

SEBASTIAN COMMUNITY OYSTER GARDEN

TASK 1: ORGANIZE AND LOG THE RECRUITMENT OF VOLUNTEERS, VOLUNTEER GROUPS AND STAFF

Deliverable: Final Log of Volunteers and Activities

In spring of 2018 and 2019, Sebastian's Natural Resources Board solicited for Community Oyster Garden volunteers and participants during the Pelican Island Wildlife Festival and Earth Day Celebrations (*images 1, 2*). Interested residents provided their names and email contacts. Throughout the project, collaborative organizations such as the IFAS Master Gardeners, Sebastian Garden Club, and Lion's Club were also added to the list, as well as the Natural Resources Board Members. Twenty-one volunteers participated throughout the program. The total number of volunteer hours (127.5) was multiplied by \$22.14 to calculate the total contribution for the "volunteer in-kind match" component. This totaled \$2822.85 (*figure 1*).

TASK 2: ORGANIZE AND LOG THE ESTABLISHED INTERACTIVE EDUCATIONAL PROGRAM

Deliverable: Final Log and Activities

A total of 12 Educational events, focused on raising participant awareness of oysters and their role in the Indian River Lagoon ecosystem, were held at the Community Oyster Garden Site over a one-year period. Interactive programming ranged from seine netting to invertebrate identification and a scavenger hunt.

Since the last report in December, 2018, an oyster basket building activity was added to the Oyster Garden environmental programming. Participants utilized basic tools and materials to build oyster baskets (*images 3, 4*). The pvc-coated mesh was cut according to a diagram provided and pieces were bent with a specially-designed tool and attached to one another using plastic zip ties. Four of the baskets were kept on site to replace the project's original deteriorating baskets. A team of interns from the Environmental Learning Center (ELC) assembled four more baskets for their own on-site oyster garden.

In May 2019, over a two-day period, the Oyster Garden hosted 84 eighth graders from the Sebastian Charter Middle School. Two summer science camps visited in July, bringing 54 more students. As of September, 2019, the Oyster Garden has hosted a total of 291 participants (*figure 2*). Another homeschool group of 25 students will be hosted on October 10, 2019, as the Community Oyster Garden proudly partners with the S.E.A. Difference "A Day in the Life" water quality testing event.

TASK 3: MONITOR AND RECORD IMPROVEMENTS TO THE DESIGN AND MATERIALS OF THE OYSTER BASKETS TO PROMOTE AT HOME OYSTER GARDENING

Deliverable: Final Record of Activities and Improvements

As previously reported, the originally constructed baskets were deteriorating rapidly. In May of 2019, new baskets were constructed using vinyl-coated galvanized metal mesh and stronger, galvanized carabineers. The new construction has proven better able to withstand wave action and corrosion. They have also remained strong enough to accommodate the increasing weight of the oysters over the summer. The only negative observation made is that the fouling organisms seem more attracted to the new basket material and they are much harder to remove than they were from the galvanized mesh baskets.

SEBASTIAN COMMUNITY OYSTER GARDEN

TASK 4: INSTALL AND MONITOR THE LIVING DOCKS SYSTEM

Deliverable: Final Record of Activities and Improvements

A local high school student, Corri McWilliams, contacted the City with interest in installing a living dock as a Keep Florida Beautiful Youth Advisory Council Grant Project. Corri's \$150.00 grant supplied the materials needed for the oyster mats. On July, 26, 2019, an oyster mat building event was held at the Community Oyster Garden Site and on August 8th, the mats were attached to the dock pilings, creating the Living Dock (*images 5-7*). The living dock concept and project design was created through technical assistance received from Dr. Robert Weaver and Kelly Hunsucker, from the Florida Institute of Technology (FIT). Nearly two months following installation, the mats were inspected and have already begun attracting spat and hosting an assortment of filtering organisms (*image 8*).

TASK 5: MONITOR AND RECORD DATA COLLECTED AS PART OF THE SWOT PARAMETERS FOR THE COMMUNITY OYSTER GARDEN PROJECT AND LIVING DOCKS SYSTEM

Deliverable: Final Record of Activities and Improvements

The post-fouling weight was recorded regularly by individual baskets, which were identified by colored zip ties. All oyster baskets experienced impressive growth over a one-year period (*figure 3*). By spring of 2019, the oysters were covered in spat and already beginning to form conglomerates as oyster growth began to increase exponentially from that point. As of September 2019, the oyster baskets are overflowing with oysters (*images 9, 10*). The oyster baskets that began at around 5kg each in July of 2018; now weigh between 90 and 100kg. From this data, it can certainly be determined that the Oyster Garden site is suitable for healthy, growing oysters. A small portion of the oysters will be given to the ELC, for their oyster garden project, once their FWC Permitting is finalized. With the planned installation of a living shoreline at Fisherman's Landing this fall, it is being considered to modify the ACOE Permit to incorporate the installation of the oysters as well. There are also enough materials and oysters to accommodate the recruitment of local resident oyster gardeners.

TASK 6: COMPLETE DESIGN AND INSTALLATION OF INTERPRETIVE SIGNAGE

Deliverable: Final Record of Activities and Improvements

Previously it was reported that the City had initiated the educational campaign and preliminary exterior interpretive signage was being designed. The City has been awarded a FIND Grant for renovations at the Fisherman's Landing Site, where the Oyster Garden is located. These improvements include a geo-paver parking area and the installation of a living shoreline. However, due to renovation work planned this fall; interpretive signage installation for the exterior of the Oyster Garden site has been delayed. In lieu of signage installation, an informative video, which was filmed on-site and produced by City of Sebastian, plays on the monitors inside Crab-E-Bills. Copies of the Scavenger Hunt and Oyster Garden information have been added to the flip boards within the museum area to encourage guests to interact with the site (*images 11- 13*).

SEBASTIAN COMMUNITY OYSTER GARDEN

TASK 7: EVALUATE PROJECT AND SUBMIT ANNUAL REPORT

Deliverable: Annual Report

At the initiation of the Community Oyster Grant cost-share grant program, the Indian River Lagoon Council's \$24,000 grant was matched with the \$23,928 match from the City of Sebastian to create a total expense budget of \$47,928 (*figure 4*).

As the original baskets began to deteriorate, eight complete baskets were constructed. The new, more durable materials were purchased in bulk on-line and cost \$226.49 in total, which amounts to \$28.31 per basket. This amounted to only a few dollars more per basket than the original basket materials, which were purchased at Home Depot.

In addition to the ACOE and FWC permits previously acquired as part of this project, a Saltwater Collectors license was obtained in May of 2019, costing \$19.22. This allowed the intern to collect specimens and hold them for observation before releasing them back into the water. The overall expense paid by the City of Sebastian towards permitting is \$1,144.22.

An estimated 15% of the Environmental Technician's work time was dedicated to the Oyster Garden Project as of when the initial re-design of the project began on December 10, 2017 until September 2019. The \$18.72/hour Environmental Specialist's pay was multiplied by 37.72% to calculate the hourly rate of \$25.78, which incorporates the value of benefits received. Two student interns were hired over the course of the project to assist with oyster basket design/construction, regular basket maintenance, and implementation of the educational programs. The intern hourly rate was \$12.00 an hour. As of September 30, 2019; the total salary expense for the City is \$21,200.33 (*figure 5*).

All Oyster Garden expenses, City Staff salary and volunteer in-kind contribution combined, the contribution from the City of Sebastian towards the Oyster Garden project is \$25,060.42. These expenditures leave the Project with a \$22,867.58 balance (*figure 7*).

Please see the Financial Addendum, beginning on page 12 of this report, for more complete financial details. The detailed spreadsheet and all support documentation will be emailed separately in a zipped folder.

SEBASTIAN COMMUNITY OYSTER GARDEN

image 1: Promotion of Oyster Garden Project at Earth Day Celebration in May, 2019



image 2: Promotion of Oyster Garden at Pelican Island Wildlife Festival in April, 2019



figure 1: final log of volunteers, events, hours, and total in-kind contribution

DATE	DESCRIPTION	VOLUNTEERS	FY18	FY19	TOTALS
03/20/18	Volunteer - Brevard Visit (6 hours @ \$ 22.14)	E.Mangano	\$132.84		\$132.84
07/06/18	Volunteers - Educational Program Development (4 hours @ \$ 22.14/hr)	N.Mosblech/M.Weiss	\$88.56		\$88.56
07/13/18	Volunteer - SJWC Summer Camp (4 hours @ \$ 22.14/hr)	D.Haigler	\$88.56		\$88.56
08/06/18	Volunteer - Oyster Collection (4 hours @ \$ 22.14/hr)	E.Mangano	\$88.56		\$88.56
08/18/18	Volunteers - Initial Data Collection (17.5 hours @ \$ 22.14/hr)	S.Olson/J.Olson/J.Booth/R.Benavides/B.O'Neill	\$387.45		\$387.45
09/14/18	Volunteer - Homeschool Visit # 1 (7 hours @ \$ 22.14/hr)	D.Haigler	\$154.98		\$154.98
09/28/18	Volunteer - Seine Net Data Collection (3 hours @ \$ 22.14/hr)	B.O'Neill	\$66.42		\$66.42
10/04/18	Volunteers - ADIL (14.5 hours @ \$ 22.14/hr)	B.O'Neill/N.Munroe/L.Koslova/T.White		\$321.03	\$321.03
10/17/18	Volunteer - Homeschool Visit # 1 (7 hours @ \$ 22.14/hr)	D.Haigler		\$154.98	\$154.98
11/09/18	Volunteer - Basket Repair (1.5 hours @ \$ 22.14/hr)	E.Mangano		\$33.21	\$33.21
3/12/2019	Volunteers - Charter Middle School Visit, Day 2 (7 hours @ \$ 22.14/hr)	B. O'Niell/ B. Howland		154.98	\$154.98
6/7/2019	Volunteers - ELC STEAM Camp Visit (10 hours @ \$ 22.14/hr)	B. O'Niell/ Zach Graff		221.40	\$221.40
7/12/2019	Volunteers - SRJWC Science Camp (16 hours @ \$ 22.14/hr)	B. O'Niell/ D. Ware/ M. Ware		354.24	\$354.24
7/26/2019	Volunteers - Oyster Mat Building (20 hours @ \$ 22.14/hr)	C. McWilliams/ J. McWilliams/ S.Rigaud/ R. Rigaud/ K. Rompot		442.80	\$442.80
8/2/2019	Volunteers - Living Dock Install (6 hours @ \$ 22.14/hr)	C. McWilliams/ J. McWilliams		132.84	\$132.84
TOTAL HOURS: 127.5			TOTAL VALUE= \$2,822.85		

SEBASTIAN COMMUNITY OYSTER GARDEN

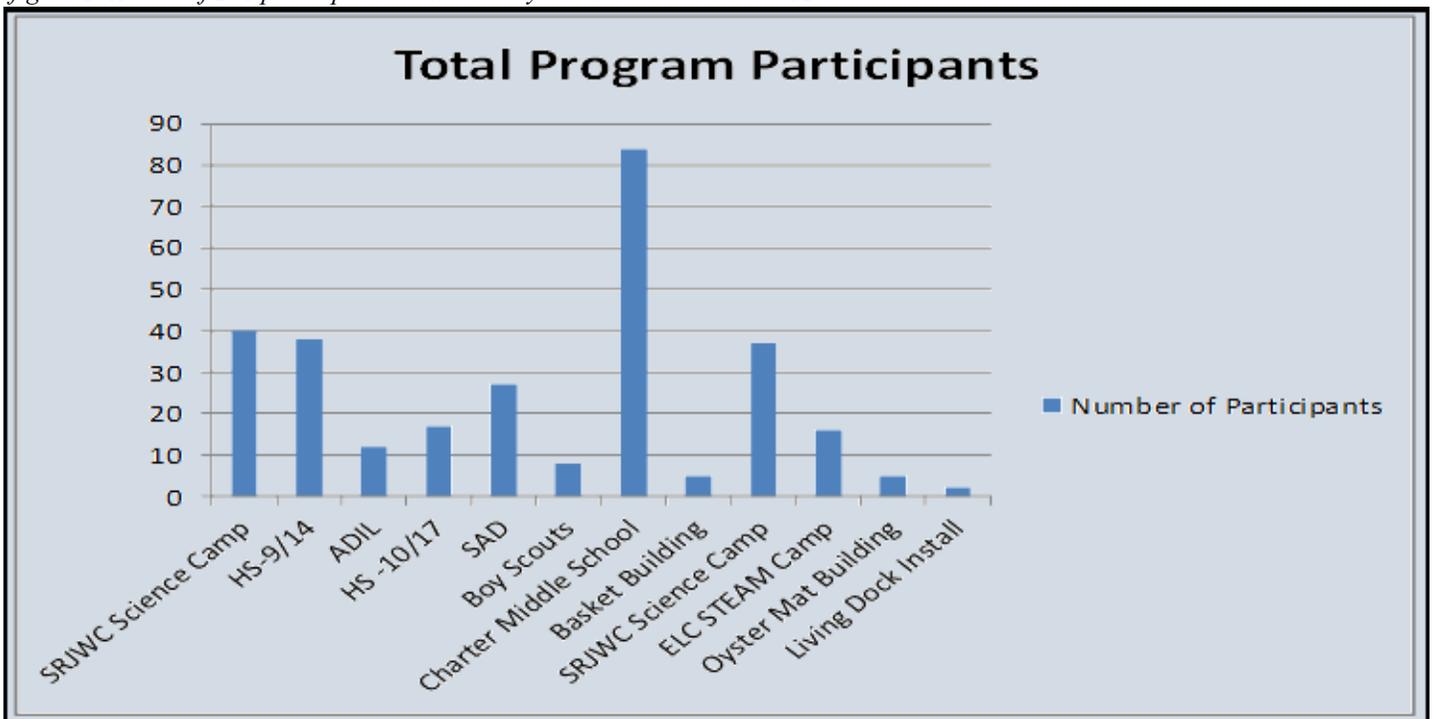
image 3: Boy Scout participants build new oyster baskets.



image 4: ELC Interns build oyster baskets to begin their own oyster garden



figure 2: A total of 291 participants attend the Oyster Garden across the 12 educational events held



SEBASTIAN COMMUNITY OYSTER GARDEN

image 5: Corri McWilliams drills the holes in the cured oyster shells



image 6: Volunteers attach the oyster shells to the mats



image 7: Corri and Kim Haigler attach the mats to the pilings

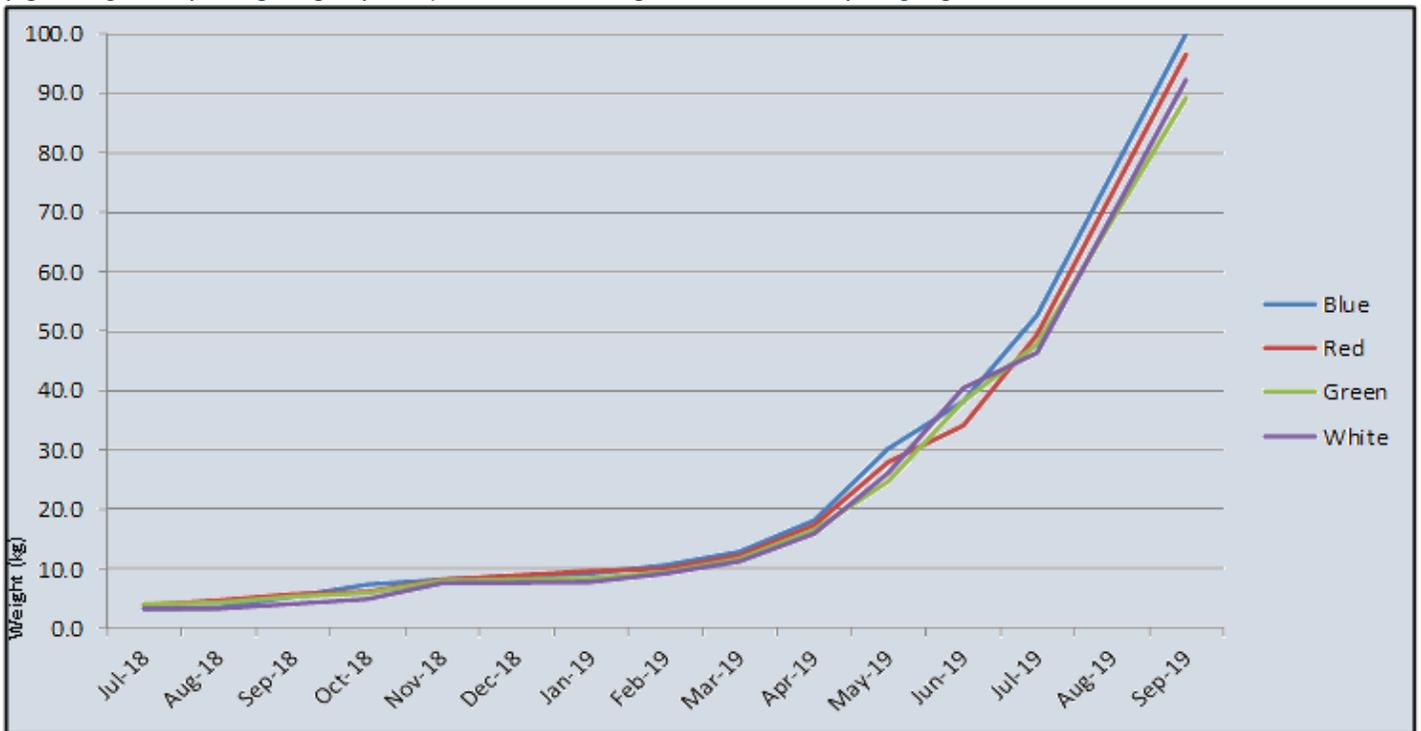


image 8: Nearly two months later, the oyster mat-wrapped pilings are already attracting oyster and clam spat.



SEBASTIAN COMMUNITY OYSTER GARDEN

figure 3: post de-fouling weight of the oyster baskets throughout the duration of the program



images 9, 10: oyster baskets as of September 2019, filled with oysters and other commensal species



SEBASTIAN COMMUNITY OYSTER GARDEN

Images 11, 12, 13: Oyster Garden interactive educational materials displayed in the historical installation area at Fisherman's Landing



figure 4: City Oyster Garden cost-share grant financial budget overview

GRANT	\$24,000.00	363010-334706 (IRLC GRANT)
MATCH	\$23,928.00	363010-381001 (INTERFUND TRANSFER FROM 001 GEN FUND)
EXPENSES	\$47,928.00	(ENVIRONMENTAL SERVICES)

figure 5: City Oyster Garden expenditures by category

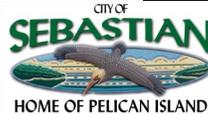
EXPENSE CATEGORY	AMOUNT
PROGRAM PURCHASES	3,860.09
CITY STAFF	\$18,377.48
VOLUNTEER IN-KIND	\$2,822.85
	\$25,060.42

figure 6: City Oyster Garden expenditures by task

TASK	COST
1/2	\$6,650.62
3/4	\$8,8152.79
5/7	\$1,873.66
6	\$8,383.35
	\$25,060.42

FINANCIAL ADDENDUM

SEBASTIAN COMMUNITY OYSTER GARDEN



CITY OF SEBASTIAN INVOICE

BILL TO:	Indian River Lagoon Council 1235 Main Street Sebastian, FL 32958	Invoice #: 1-1765 Date: 09/30/19	
		Amount:	\$ 12,530.21

	DESCRIPTION	AMOUNT
	IRL Council Contract # 28488 IRL Council Encumbrance # GL 01-1805 Reimbursement is requested for the following expenses incurred by The City of Sebastian during the period of September 29, 2017 thru September 30, 2019 Sebastian Oyster Promulgation Project	
	<u>Other Direct Expenses</u>	
	Total Expenses (\$ 3,860.09)	\$
	50% Match by IRLC (\$ 1,930.05)	1,930.05
	<u>Salaries</u>	
	Total Expenses (\$ 21,200.33)	\$
	50% Match by IRLC (\$ 10,600.16)	10,600.16
	<i>Please see attached spreadsheet for Invoice Detail</i>	\$
	TOTAL AMOUNT DUE	\$ 12,530.21

REMIT TO:	CITY OF SEBASTIAN Administrative Services 1225 Main Street Sebastian, Florida 32958 (772) 388-8207	Project Manager <u>City of Sebastian</u> Lisa Frazier 1225 Main Street Sebastian, FL 32958 (772) 388-8228 lfrazier@cityofsebastian.org	Project Manager <u>IRL Council</u> Kathleen Hill 1235 Main Street Sebastian, FL 32958 (321) 536-6039 hill@irlcouncil.org
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Account Numbers (for office use only):
 GMISC
 Cr. 363000-133706 (Due from IRLC)

SEBASTIAN COMMUNITY OYSTER GARDEN

PROJECT ID A1765 Sebastian Oyster Promulgation Project

10/9/2019

MATERIALS COST

DATE	CHECK #	EXPENSE CATEGORY	DESCRIPTION	VENDOR	EX-PENSE TOTAL	Task # 1/2 Task # 3/4 Task # 5/7 Task # 6			
						Expense	Expense	Expense	Expense
09/29/17	95605	Other Direct Costs	Oyster Bag Permitting	CWT Engineering	1,500.00	1,500.00			
11/15/17	VISA	Other Direct Costs	FDEP Application Fee	FL Dept of Environmental Protection	100.00	100.00			
12/01/17	95950	Other Direct Costs	Oyster Bag Permitting	CWT Engineering	1,000.00	1,000.00			
04/13/18	96810	Other Direct Costs	Special Activities License	FWC	25.00	25.00			
07/05/18	VISA	Other Direct Costs	Totes, cloth, pliers, cord	Home Depot	157.48		157.48		
07/09/18	VISA	Other Direct Costs	Beaker, magnifying glasses, zip ties, markers	Amazon	74.24		74.24		
07/09/18	VISA	Other Direct Costs	Magnifying Insect Box, Plastic Rulers, Stain Stick, Laminating Pouches	Amazon	43.51		43.51		
07/09/18	VISA	Other Direct Costs	Mesh Minnow Seine Net	Amazon	122.77		122.77		
07/09/18	VISA	Other Direct Costs	Fisch Scale	Amazon	8.54		8.54		
07/12/18	VISA	Other Direct Costs	Calculators,hush bubbles,batteries,whistle,tape,water	Walmart	132.75		132.75		
07/26/18	VISA	Other Direct Costs	Dock cleats, bungees, anchor line, putty knife	Home Depot	67.83		67.83		
07/26/18	VISA	Other Direct Costs	Digital scale	Walmart	14.86		14.86		
08/06/18	VISA	Other Direct Costs	Digital calipers, cargo tray	Amazon	45.16		45.16		
08/06/18	VISA	Other Direct Costs	Rubber stamps - clam, sea mollusk, oyster	Amazon	11.99		11.99		
08/17/18	VISA	Other Direct Costs	Gloves, cotton balls, distilled water, ice	Walgreens	27.03		27.03		
09/11/18	VISA	Other Direct Costs	Scale,calibration kit,gloves,batteries,digital measuring tools	Amazon	165.14		165.14		
03/20/19	VISA	Other Direct Costs	Welded wire 48" x 50'	Far North International	170.00		170.00		
04/23/19	VISA	Other Direct Costs	Water Quality Monitoring Kit	Amazon	52.40		52.40		
04/24/19	99161	Other Direct Costs	Small pencils, thermal pouches	Office Depot	26.19		26.19		
04/24/19	99161	Other Direct Costs	Revolving brochure display holder	Office Depot	39.49		39.49		
04/24/19	VISA	Other Direct Costs	Hinges	Home Depot	18.94		18.94		
05/08/19	VISA	Other Direct Costs	Saltwater Fishing Licenses - S. Summers	State of Florida	19.22			2.88	16.34
05/28/19	VISA	Other Direct Costs	Rope, cable ties, bungees, quick links	Home Depot	37.55			5.63	31.92
TOTAL - OTHER DIRECT COSTS					3,860.09	2,625.00	1,178.32	8.52	48.25

SEBASTIAN COMMUNITY OYSTER GARDEN

PROJECT ID A1765 Sebastian Oyster Promulgation Project

CITY STAFF

10/9/2019

DATE	CHECK #	EXPENSE CATEGORY	DESCRIPTION	VENDOR	EX-PENSE TOTAL	Task # 1/2 Task # 3/4 Task # 5/7 Task # 6			
						Expense	Expense	Expense	Expense
12/29/17	Payroll	Salaries	City of Sebastian Environmental Tech (12/10/17 - 12/23/17)	Kim Haigler	283.58	283.58			
01/12/18	Payroll	Salaries	City of Sebastian Environmental Tech (12/24/17 - 01/06/18)	Kim Haigler	257.80	257.80			
01/26/18	Payroll	Salaries	City of Sebastian Environmental Tech (01/07/18 - 01/20/18)	Kim Haigler	283.58	283.58			
02/09/18	Payroll	Salaries	City of Sebastian Environmental Tech (01/21/18 - 02/03/18)	Kim Haigler	309.36	309.36			
02/23/18	Payroll	Salaries	City of Sebastian Environmental Tech (02/04/18 - 02/17/18)	Kim Haigler	309.36	309.36			
03/09/18	Payroll	Salaries	City of Sebastian Environmental Tech (02/18/18 - 03/03/18)	Kim Haigler	283.58	283.58			
03/23/18	Payroll	Salaries	City of Sebastian Environmental Tech (03/04/18 - 03/17/18)	Kim Haigler	283.58	283.58			
04/06/18	Payroll	Salaries	City of Sebastian Environmental Tech (03/18/18 - 03/31/18)	Kim Haigler	309.36	309.36			
04/20/18	Payroll	Salaries	City of Sebastian Environmental Tech (04/01/18 - 04/14/18)	Kim Haigler	309.36	309.36			
05/04/18	Payroll	Salaries	City of Sebastian Environmental Tech (04/15/18 - 04/28/18)	Kim Haigler	309.36	309.36			
05/18/18	Payroll	Salaries	City of Sebastian Environmental Tech (04/29/18 - 05/12/18)	Kim Haigler	283.58	283.58			
06/01/18	Payroll	Salaries	City of Sebastian Environmental Tech (05/13/18 - 05/26/18)	Kim Haigler	206.24	206.24			
06/15/18	Payroll	Salaries	City of Sebastian Environmental Tech (05/27/18 - 06/09/18)	Kim Haigler	154.68	154.68			
06/29/18	Payroll	Salaries	City of Sebastian Environmental Tech (06/10/18 - 06/23/18)	Kim Haigler	309.36	309.36			
07/13/18	Payroll	Salaries	City of Sebastian Environmental Tech (06/24/18 - 07/07/18)	Kim Haigler	257.80		257.80		
07/13/18	Payroll	Salaries	City of Sebastian Intern (06/24/18 - 07/07/18)	Zachary Graff	576.00		576.00		
07/27/18	Payroll	Salaries	City of Sebastian Environmental Tech (07/08/18 - 07/21/18)	Kim Haigler	309.36		309.36		
07/27/18	Payroll	Salaries	City of Sebastian Intern (07/08/18 - 07/21/18)	Zachary Graff	576.00		576.00		
08/10/19	Payroll	Salaries	City of Sebastian Intern (07/22/18 - 08/04/18)	Zachary Graff	558.00		558.00		
08/10/18	Payroll	Salaries	City of Sebastian Environmental Tech (07/22/18 - 08/04/18)	Kim Haigler	309.36		309.36		
08/24/18	Payroll	Salaries	City of Sebastian Intern (08/05/18 - 08/18/18)	Zachary Graff	576.00		576.00		
08/24/18	Payroll	Salaries	City of Sebastian Environmental Tech (08/05/18 - 08/18/18)	Kim Haigler	309.36		309.36		
09/07/18	Payroll	Salaries	City of Sebastian Environmental Tech (08/19/18 - 09/01/18)	Kim Haigler	309.36		309.36		
09/07/18	Payroll	Salaries	City of Sebastian Intern (08/19/18 - 09/01/18)	Savannah Summers	243.00		243.00		
09/21/18	Payroll	Salaries	City of Sebastian Intern (09/02/18 - 09/15/18)	Savannah Summers	432.00		432.00		
09/21/18	Payroll	Salaries	City of Sebastian Environmental Tech (09/02/18 - 09/15/18)	Kim Haigler	257.80		257.80		
10/05/18	Payroll	Salaries	City of Sebastian Intern (09/16/18 - 09/29/18)	Savannah Summers	447.00			67.05	379.95
10/05/18	Payroll	Salaries	City of Sebastian Environmental Tech (09/16/18 - 09/29/18)	Kim Haigler	283.58			42.54	241.04
10/19/18	Payroll	Salaries	City of Sebastian Intern (09/30/18 - 10/13/18)	Savannah Summers	450.00			67.50	382.50
10/19/18	Payroll	Salaries	City of Sebastian Environmental Tech (09/30/18 - 10/13/18)	Kim Haigler	103.12			15.47	87.65

SEBASTIAN COMMUNITY OYSTER GARDEN

PROJECT ID A1765 Sebastian Oyster Promulgation Project

10/9/2019

CITY STAFF, CON'T

DATE	CHECK #	EXPENSE CATEGORY	DESCRIPTION	VENDOR	EX-PENSE TOTAL	Task # 1/2 Task # 3/4 Task # 5/7 Task # 6			
						Expense	Expense	Expense	Expense
11/02/18	Payroll	Salaries	City of Sebastian Environmental Tech (10/14/18 - 10/27/18)	Kim Haigler	309.36			46.40	262.96
11/02/18	Payroll	Salaries	City of Sebastian Intern (10/14/18 - 10/27/18)	Savannah Summers	435.00			65.25	369.75
11/16/18	Payroll	Salaries	City of Sebastian Intern (10/28/18 - 11/10/18)	Savannah Summers	330.00			49.50	280.50
11/16/18	Payroll	Salaries	City of Sebastian Environmental Tech (10/28/18 - 11/10/18)	Kim Haigler	309.36			46.40	262.96
11/30/18	Payroll	Salaries	City of Sebastian Environmental Tech (11/11/18 - 11/24/18)	Kim Haigler	206.24			30.94	175.30
11/30/18	Payroll	Salaries	City of Sebastian Intern (11/11/18 - 11/24/18)	Savannah Summers	417.00			62.55	354.45
12/14/18	Payroll	Salaries	City of Sebastian Intern (11/25/18 - 12/08/18)	Savannah Summers	491.00			73.65	417.35
12/14/18	Payroll	Salaries	City of Sebastian Environmental Tech (11/25/18 - 12/08/18)	Kim Haigler	309.36			46.40	262.96
12/28/18	Payroll	Salaries	City of Sebastian Environmental Tech (12/09/18 - 12/22/18)	Kim Haigler	283.58			42.54	241.04
12/28/18	Payroll	Salaries	City of Sebastian Intern (12/09/18 - 12/22/18)	Savannah Summers	462.00			69.30	392.70
03/22/19	Payroll	Salaries	City of Sebastian Environmental Tech (03/03/19 - 03/16/19)	Kim Haigler	154.68			23.20	131.48
03/22/19	Payroll	Salaries	City of Sebastian Intern (03/03/19 - 03/16/19)	Savannah Summers	474.00			71.10	402.90
04/05/19	Payroll	Salaries	City of Sebastian Environmental Tech (03/17/19 - 03/30/19)	Kim Haigler	128.90			19.34	109.57
04/05/19	Payroll	Salaries	City of Sebastian Intern (03/03/19 - 03/30/19)	Savannah Summers	570.00			85.50	484.50
04/19/19	Payroll	Salaries	City of Sebastian Environmental Tech (03/31/19 - 04/13/19)	Kim Haigler	167.57			25.14	142.43
04/19/19	Payroll	Salaries	City of Sebastian Intern (03/31/19 - 04/13/19)	Savannah Summers	285.00			42.75	242.25
05/03/19	Payroll	Salaries	City of Sebastian Environmental Tech (04/14/19 - 04/27/19)	Kim Haigler	154.68		154.68		
05/03/19	Payroll	Salaries	City of Sebastian Intern (04/14/19 - 04/27/19)	Savannah Summers	459.00			68.85	390.15
05/17/19	Payroll	Salaries	City of Sebastian Environmental Tech (04/28/19 - 05/11/19)	Kim Haigler	185.14			27.77	157.37
05/17/19	Payroll	Salaries	City of Sebastian Intern (04/28/19 - 05/11/19)	Savannah Summers	339.00			50.85	288.15
05/31/19	Payroll	Salaries	City of Sebastian Environmental Tech (05/12/19 - 05/25/19)	Kim Haigler	154.68			23.20	131.48
05/31/19	Payroll	Salaries	City of Sebastian Intern (05/12/19 - 05/25/19)	Savannah Summers	279.00			41.85	237.15
06/14/19	Payroll	Salaries	City of Sebastian Environmental Tech (05/26/19 - 06/08/19)	Kim Haigler	116.01			17.40	98.61
06/14/19	Payroll	Salaries	City of Sebastian Intern (05/26/19 - 06/08/19)	Savannah Summers	198.00			29.70	168.30
06/28/19	Payroll	Salaries	City of Sebastian Environmental Tech (06/09/19 - 06/22/19)	Kim Haigler	167.57			25.14	142.43
06/28/19	Payroll	Salaries	City of Sebastian Intern (06/09/19 - 06/22/19)	Savannah Summers	51.00			7.65	43.35
07/12/19	Payroll	Salaries	City of Sebastian Environmental Tech (06/23/19 - 07/06/19)	Kim Haigler	128.90		128.90		
07/26/19	Payroll	Salaries	City of Sebastian Intern (07/07/19 - 07/20/19)	Savannah Summers	372.00		372.00		
07/26/19	Payroll	Salaries	City of Sebastian Environmental Tech (07/07/19 - 07/20/19)	Kim Haigler	154.68		154.68		
08/09/19	Payroll	Salaries	City of Sebastian Intern (07/21/19 - 08/03/19)	Savannah Summers	72.00			72.00	
08/09/19	Payroll	Salaries	City of Sebastian Environmental Tech (07/21/19 - 08/03/19)	Kim Haigler	154.68			154.68	
08/23/19	Payroll	Salaries	City of Sebastian Environmental Tech (08/04/19 - 08/17/19)	Kim Haigler	167.57			167.57	

SEBASTIAN COMMUNITY OYSTER GARDEN

PROJECT ID A1765 Sebastian Oyster Promulgation Project

10/9/2019

VOLUNTEER IN-KIND

DATE	CHECK #	EXPENSE CATEGORY	DESCRIPTION	VENDOR	EXPENSE TOTAL	Task # 1/2	Task # 3/4	Task # 5/7	Task # 6
						Expense	Expense	Expense	Expense
03/20/18	Volunteers	Salaries	Volunteer - Brevard Visit (6 hours @ \$ 22.14)	E.Mangano	132.84	132.84			
07/06/18	Volunteers	Salaries	Volunteers - Educational Program Development (4 hours @ \$ 22.14/hr)	N.Mosblech/M.Weiss	88.56		88.56		
07/13/18	Volunteers	Salaries	Volunteer - SJWC Summer Camp (4 hours @ \$ 22.14/hr)	D.Haigler	88.56		88.56		
08/06/18	Volunteers	Salaries	Volunteer - Oyster Collection (4 hours @ \$ 22.14/hr)	E.Mangano	88.56		88.56		
08/18/18	Volunteers	Salaries	Volunteers - Initial Data Collection (17.5 hours @ \$ 22.14/hr)	S.Olson/J.Olson/J.Booth/R.Benavides/B.O'Neill	387.45		387.45		
09/14/18	Volunteers	Salaries	Volunteer - Homeschool Visit # 1 (7 hours @ \$ 22.14/hr)	D.Haigler	154.98		154.98		
09/28/18	Volunteers	Salaries	Volunteer - Seine Net Data Collection (3 hours @ \$ 22.14/hr)	B.O'Neill	66.42		66.42		
10/04/18	Volunteers	Salaries	Volunteers - ADIL (14.5 hours @ \$ 22.14/hr)	B.O'Neill/N.Munroe/L.Koslova/T.White	321.03			48.15	272.88
10/17/18	Volunteers	Salaries	Volunteer - Homeschool Visit # 1 (7 hours @ \$ 22.14/hr)	D.Haigler	154.98			23.25	131.73
11/09/18	Volunteers	Salaries	Volunteer - Basket Repair (1.5 hours @ \$ 22.14/hr)	E.Mangano	33.21			4.98	28.23
03/12/19	Volunteers	Salaries	Volunteers - Charter Middle School Visit (7 hours @ \$ 22.14/hr)	B.O'Niell/B.Howland	154.98			23.25	131.73
06/07/19	Volunteers	Salaries	ELC STEAM Camp Visit (10 hours @ \$ 22.14/hr)	B.O'Nielle/Z.Graff	221.40			33.21	188.19
07/12/19	Volunteers	Salaries	SRJWC Scienace Camp (16 hours @ \$ 22.14/hr)	B.O'Niell/D.Ware/M.Ware	354.24			53.14	301.10
07/26/19	Volunteers	Salaries	Oyster Mat Building (20 hours @ \$ 22.14/hr)	C.McWilliams/J.McWilliams/S.Rigaud/R.Rigaud/K.Rompot	442.80		442.80		
08/02/19	Volunteers	Salaries	Living Dock Install (6 hours @ \$ 22.14/hr)	C.McWilliams/J.McWilliams	132.84		132.84		

FINAL TOTALS

TOTAL - SALARIES 21,200.33 4,025.62 6,974.47 1,865.15 8,335.09

TOTAL - ALL EXPENSES 25,060.42 6,650.62 8,152.79 1,873.66 8,383.35

SEBASTIAN COMMUNITY OYSTER GARDEN

FRINGE BENEFIT CALCULATOR

Fringe Benefit Calculator		
<u>Environmental Technician</u>		
Regular Hourly Rate	\$	18.72
Base Annual Salary	\$	38,937.60
Social Security	6.20% \$	2,414.13
Medicare	1.45% \$	564.60
Medical Insurance	16.82% \$	6,550.32
Life Insurance	0.08% \$	32.40
Retirement	9.00% \$	3,504.38
Workers Compensation	2.91% \$	1,133.08
Unemployment	0.00% \$	-
Dental Insurance	0.84% \$	328.80
Vision Insurance	0.11% \$	43.20
Disability Insurance	0.30% \$	116.81
Benefits Subtotal	37.72% \$	14,687.73
Annual Total	\$	53,625.33
Benefits Hourly Rate	\$	7.06
Regular Hourly Rate + Benefits	\$	25.78
OT Rate	\$	28.08
OT Rate + Benefits	\$	35.14
Medical Insurance	\$ 6,550.32	16.82%
Dental Insurance	\$ 328.80	0.84%
Vision Insurance	\$ 43.20	0.11%
Life Insurance	\$ 32.40	0.08%