



JEFFERSON COUNTY PUBLIC HEALTH

615 Sheridan Street • Port Townsend • Washington • 98368
www.jeffersoncountypublichealth.org

October 17, 2011

JEFFERSON COUNTY BOARD OF COUNTY COMMISSIONERS

AGENDA REQUEST

TO: Board of County Commissioners
Philip Morley, County Administrator

FROM: Jean Baldwin, Director
Michael Dawson, Environmental Health Specialist

DATE: November 7, 2011

SUBJECT: Agenda Item – Agency Agreement – Quilcene-Snow Watershed
Implementation Phase 4, Amendment #10; July 1, 2011 –
June 30, 2012 – add'l \$20,000 total \$443,459

STATEMENT OF ISSUE:

Jefferson County Public Health, Water Quality Division, is requesting Board approval of the Agency Agreement – Quilcene-Snow Watershed Implementation Phase 4, Amendment #10; July 1, 2011 – June 30, 2012 – add'l \$20,000 total \$443,459

ANALYSIS/STRATEGIC GOALS/PRO'S and CON'S:

This amendment is to provide additional funding for tasks that the East Jefferson Watershed Council has approved by unanimous vote of its membership. These projects are:

- Facilitation and project management for the East Jefferson Watershed Council.
- Recharge Sensitivity Analysis utilizing the USGS Groundwater Model.
- Groundwater Monitoring Database project to facilitate management of existing dataloggers into a database and report generator.

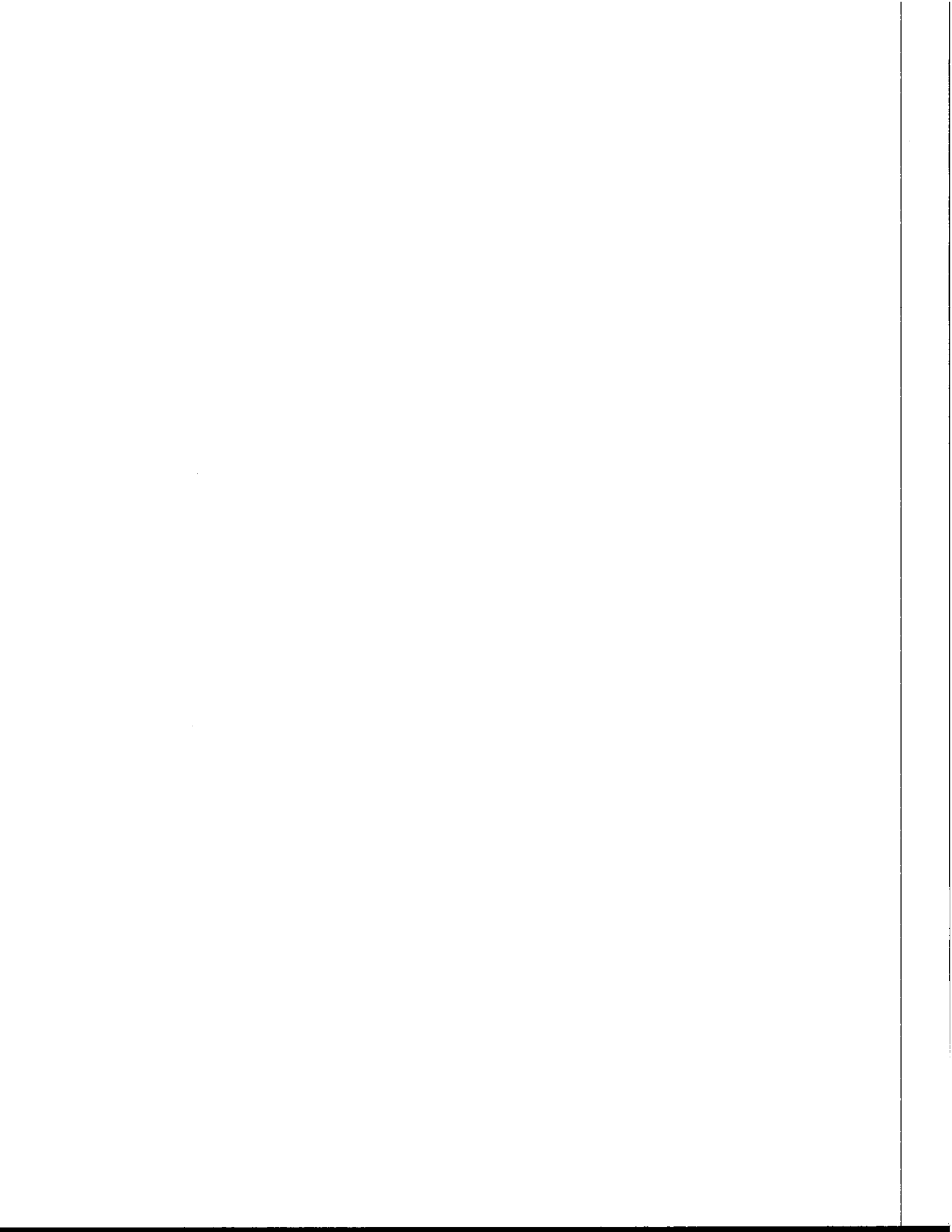
FISCAL IMPACT/COST BENEFIT ANALYSIS:

This contract is funded by the Phase 4 Watershed Planning through the Department of Ecology. The PUD is providing the match through its payments on the Peterson Lake Property and an existing Interlocal Agreement with Jefferson County. The county will receive 10% of the total amendment amount for administrative costs.

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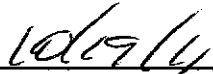


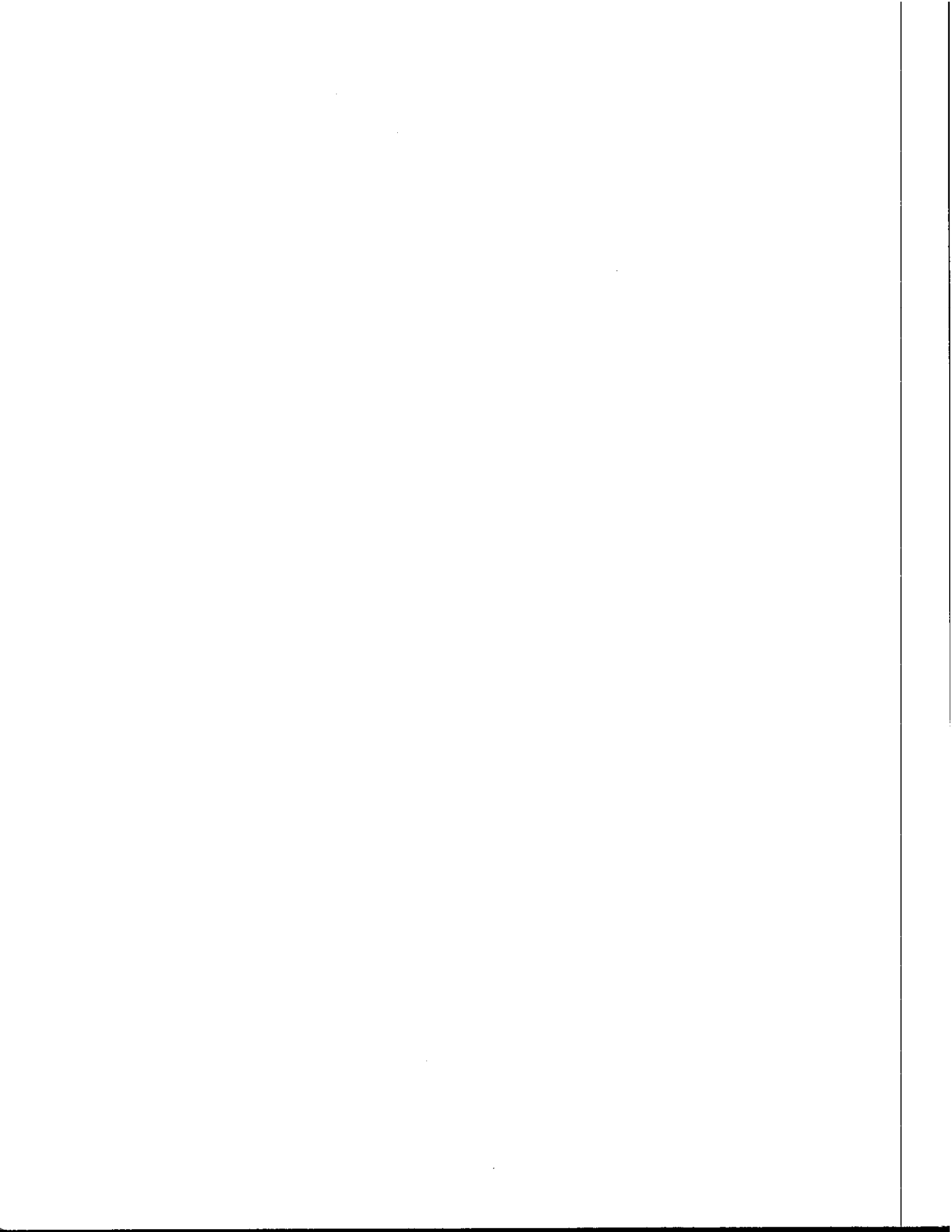
RECOMMENDATION:

JCPH management request approval of the Agency Agreement – Quilcene-Snow Watershed Implementation Phase 4, Amendment #10; July 1, 2011 – June 30, 2012 – add'l \$20,000 total \$443,459

REVIEWED BY:


Philip Morley, County Administrator


Date



AMENDMENT NO. 10 TO ECOLOGY GRANT NO. G0700097

PURPOSE: To amend the agreement between the Department of Ecology, hereinafter referred to as 'Ecology' and, Jefferson County, hereinafter referred to as 'Recipient'.

IT IS MUTUALLY AGREED the agreement is amended as follows:

- The project grant amount is increased by \$ 20,000 for Phase 4, State Share; corresponding local match is \$ 2,222. The total grant amount under the amended agreement shall not exceed \$399,114, State Share; corresponding local match is \$ 44,345 for this grant contract period. The total project cost is \$ 443,459.
- Activities under this grant period are eligible beginning November 1, 2011.
- The project scope of work is revised as outlined in Exhibit A-1.
- The project budget is revised as outlined in Exhibit A-2.
- The period of performance for this amendment continues through June 30, 2012.

Ecology will pay the recipient \$ 20,000 (100%) on a cost-reimbursement basis. Requests for reimbursement shall be submitted at least quarterly but not more often than once per month by the RECIPIENT on state invoice voucher forms. Payment requests are to include at a minimum Form A19-1A "Invoice Voucher", Form B "Running Budget Summary", Form C "Voucher Support" and Form D "Contractor Participation Report" (if applicable). ECOLOGY will issue payments of grant funds within 30 days of receipt of properly completed invoice vouchers.

All other terms and conditions of the original agreement and any amendments remain in full force and effect. The effective date of this grant amendment is July 1, 2011.

IN WITNESS WHEREOF: the parties have signed this amendment.

JEFFERSON COUNTY

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

John Austin, Chair Date
Board of Commissioners

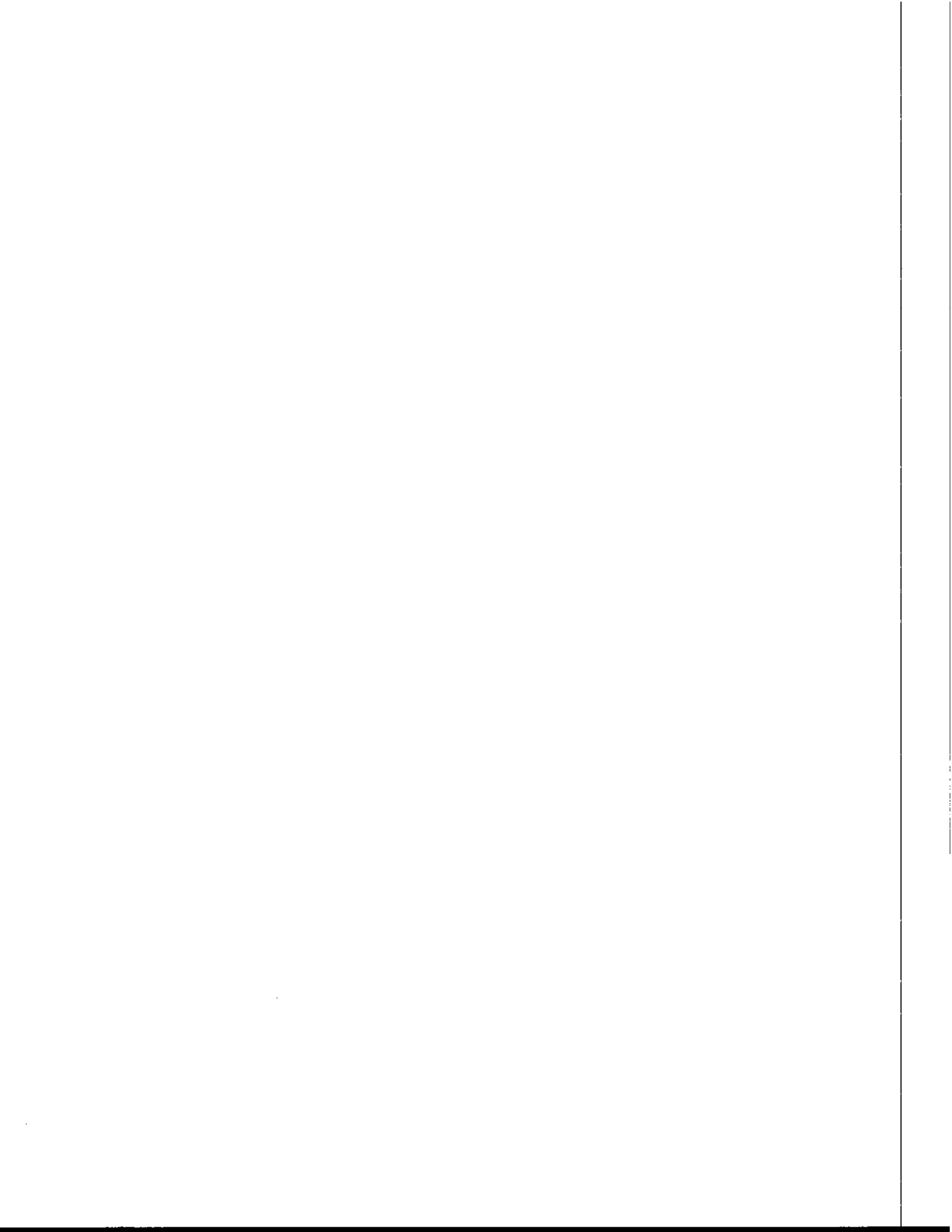
Gordon White, Program Manager Date
Shorelands and Environmental Assistance
Program

Approved as to Form Only
Assistant Attorney General

Approved as to form only:

David Alway 10/19/2011

Jefferson Co. Prosecutor's Office



**ECOLOGY GRANT G0700097
AMENDMENT 10
EXHIBIT A-1
WRIA 17 Phase 4**

SCOPE OF WORK

Project Title: WRIA 17 Phase 4

Project Description:

This amendment adds funding for the final year of Phase 4 in FY 12.

Project Tasks:

Task 1: Administration (Continued)

- 1.1: Maintain records of all expenditures.
- 1.2: Attend Planning Unit and subcommittee meetings to share information and review progress.
- 1.3: Develop and oversee professional services contracts, agendas, minutes/mailings.
- 1.4: Write and submit quarterly reports and billing.

Deliverable(s): Quarterly Reports to DOE; Project completion report

Due Date(s): Ongoing throughout the grant

Estimated Cost: \$2,000

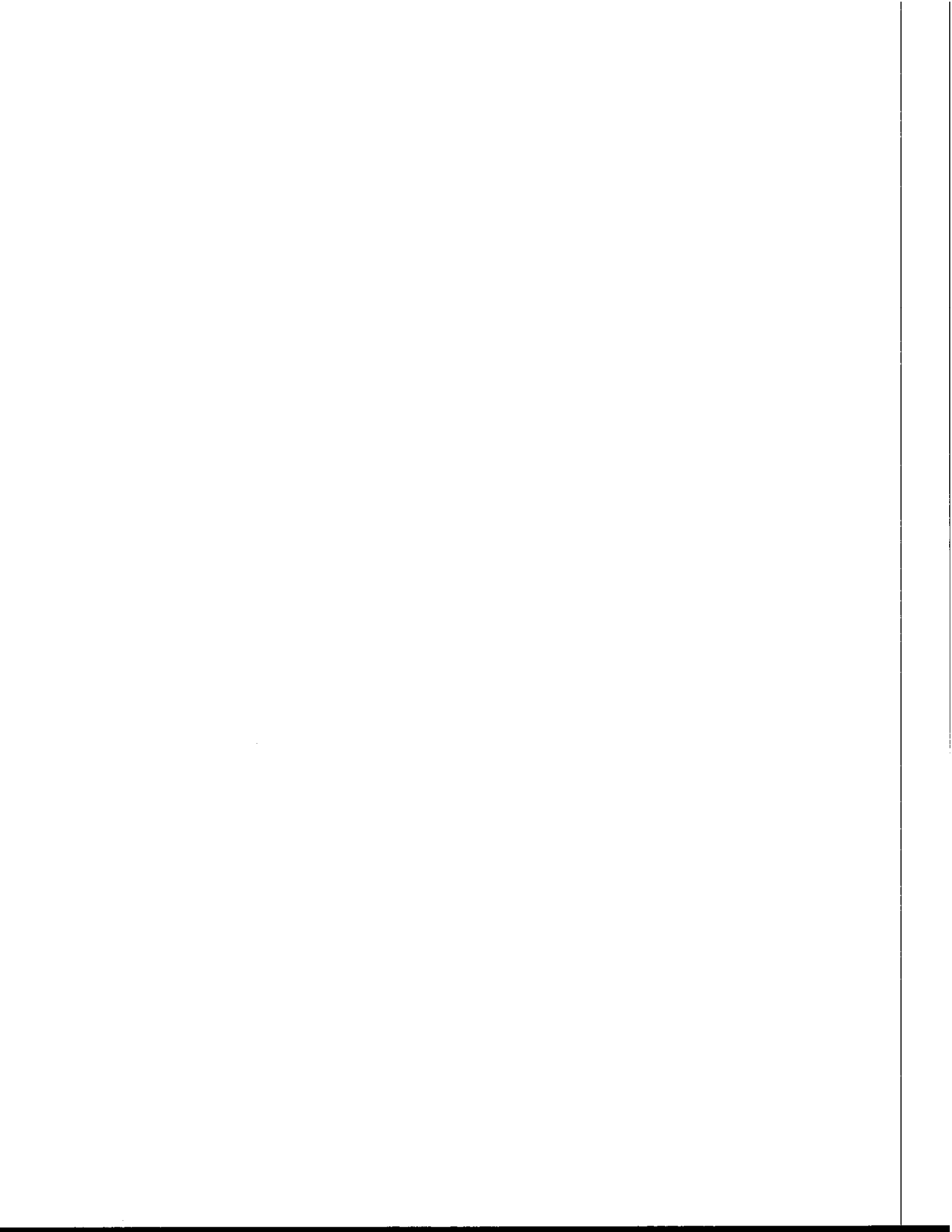
Task 4: Watershed Planning Unit Project Management (Continued)

- 4.1: Facilitate up to six Planning Unit and/or Steering Committee meetings between January and June of 2012. Take minutes and write meeting agendas. Notify public prior to meetings and keep Planning Unit informed through email and telephone communication.
- 4.2: Work with the USGS and Planning Unit to understand and use the USGS groundwater model.
Assist with education and outreach as needed.
- 4.3: Research future funding opportunities for the Planning Unit.

Deliverable(s): Meeting minutes, agendas and other material developed for the Planning Unit, including but not limited to a report on future funding opportunities; Hold a public forum to allow the USGS to present and explain the Chimacum groundwater model.

Total FY 2012: \$ 10,000

Due Date: June 30, 2012



Task 16: Recharge Sensitivity Analysis - NEW

Explore the USGS Groundwater Model's sensitivity to recharge – a simulation of potential climate change scenarios and their impact on groundwater levels, stream flows, and water supplies.

- 16.1: Adapt the forecasted changes in evapotranspiration and precipitation timing and intensity to groundwater modeling data.
- 16.2: Modify MODFLOW recharge layer based on forecasted changes.
- 16.3: Perform model runs of change in recharge from projected changes in evapotranspiration and precipitation.
- 16.4: Create a summary of sensitivity to proposed recharge changes.
- 16.5: Provide a short report to the Planning Unit.
- 16.6 Organize a technical work session on the USGS groundwater model for agency, tribal and consultant modelers.

Deliverable(s): Short report describing results of model runs.
Workshop

Total FY 2012: \$ 3,000

Due Date: June 30, 2012

Task 17: Groundwater Monitoring Database - NEW

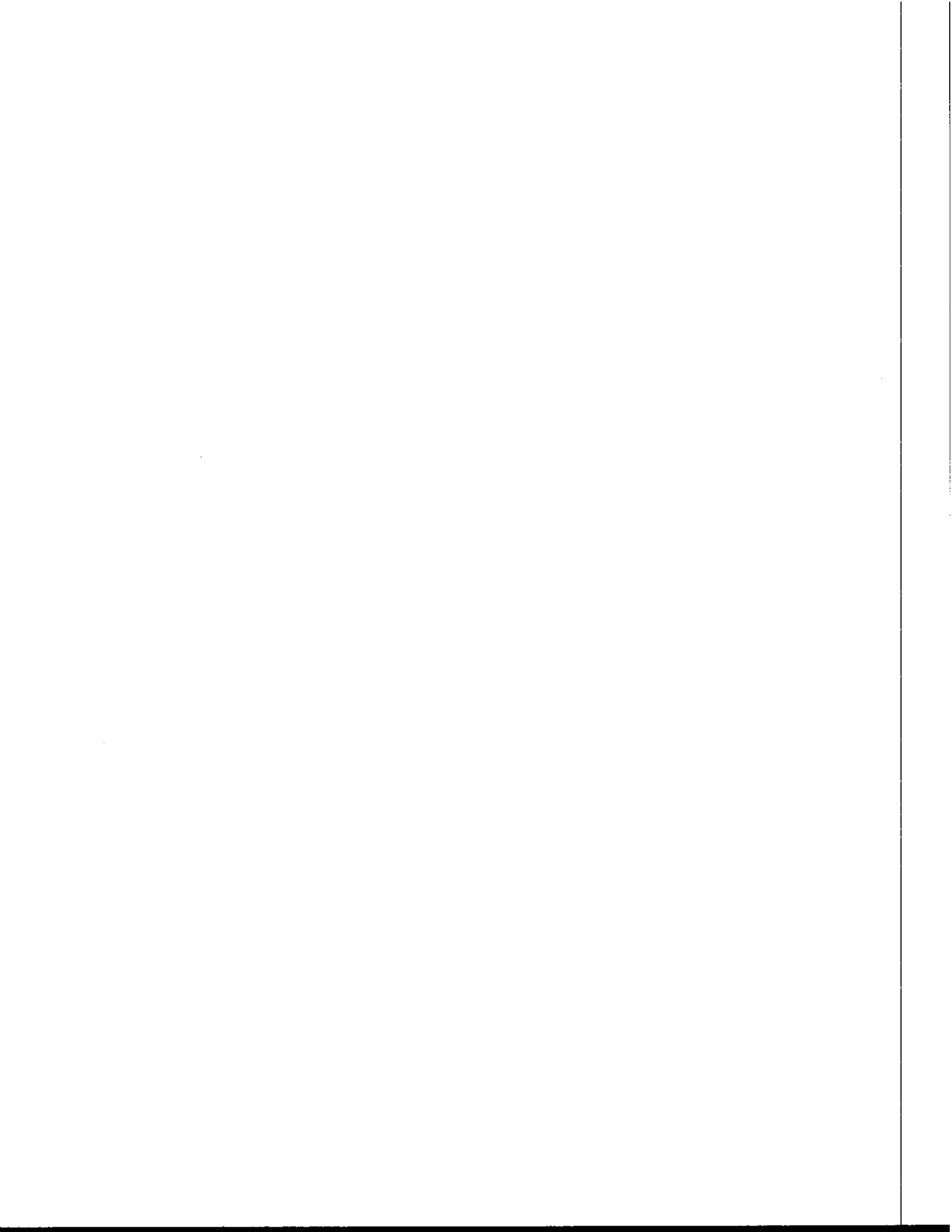
Eleven transducers and dataloggers in WRIA 17 have been installed for long-term water level monitoring. Software provided with the dataloggers was minimal and inadequate for long term data maintenance, ease of use, and presentation. This project will provide a means to facilitate management of datalogger output into a database that will serve two principal functions: serve as a data management program (database) and as a report generator.

- 17.1: Input all WRIA 17 well monitoring data (11 wells) and PUD wells (10 wells) into MS Access database template developed for WRIA 16.
- 17.2: Use MS Access to develop scripts and queries that can download and incorporate water quality testing data from the DOH Sentry Internet into the database.

Deliverable(s): MS Access database of WRIA 17 well monitoring network; with Sentry Internet download functionality

Total FY 2012: \$ 5,000

Due Date: June 30, 2012

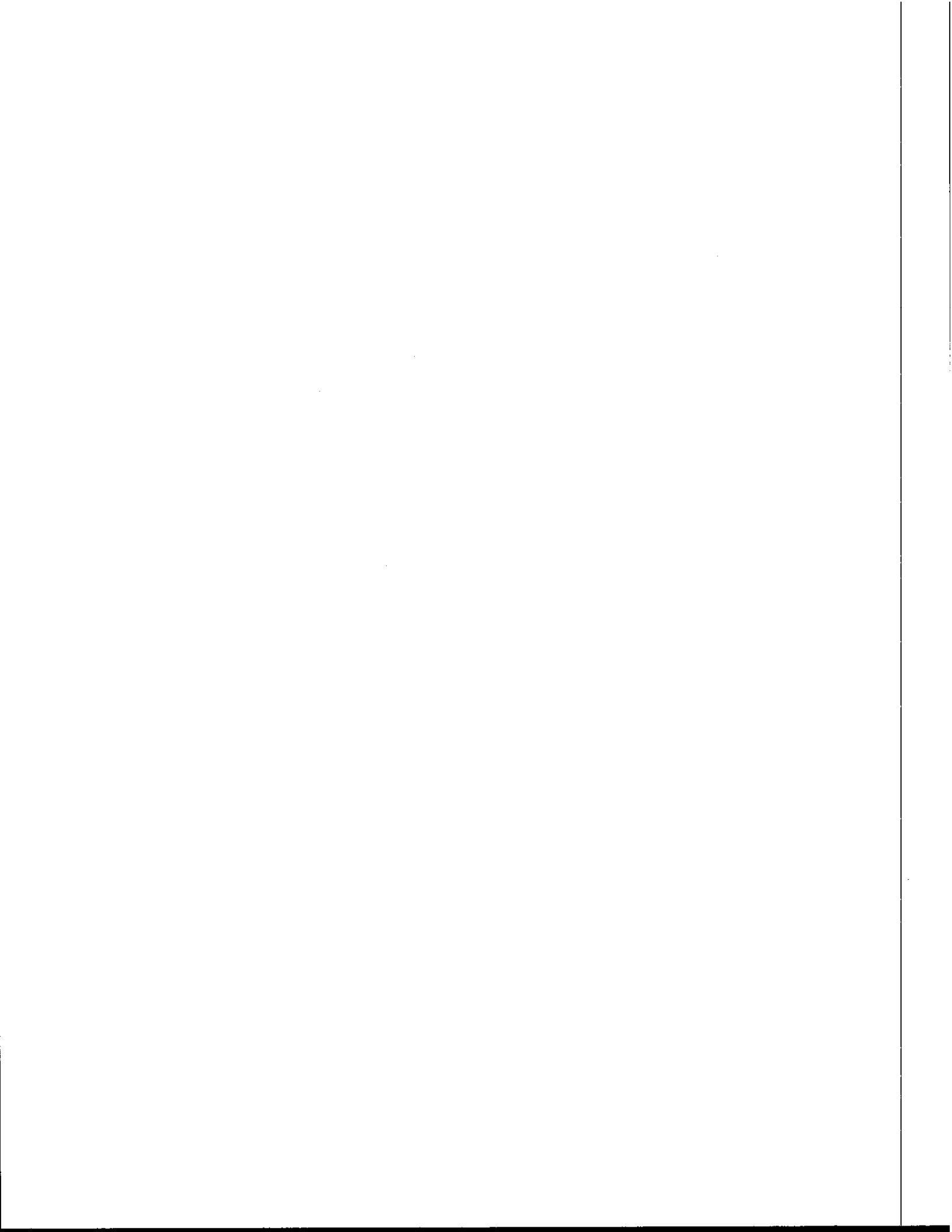


**ECOLOGY GRANT G0700097
 AMENDMENT 10**

EXHIBIT A-2

BUDGET

		Prior	Prior	FY12	FY12	Total	Total	Total
		Award-	Award-	Amend	Amend	State	Match	Project
	Budget by Element	State	Match	10	10			
				State	Match			
1	Salaries	22,439		1,200		23,639	0	23,639
2	Benefits	7,404		400		7,804	0	7,804
3	Contracted Services	338,942		18,000		356,942	0	356,942
4	Travel	2,230				2,230	0	2,230
5	Equipment					0	0	0
6	Good/Services	500				500	0	500
7	Overhead	7,599		400		7,999	0	7,999
8	Match-Interlocal		42,123		2,222	0	44,345	44,345
	Total	379,114	42,123	20,000	2,222	399,114	44,345	443,459
	Budget by Task							
1	Admin	37,442	1,000	2,000		39,442	1,000	40,442
2	DIP	52,500	28,333			52,500	28,333	80,833
3	Outreach/Education	20,000				20,000	0	20,000
4	Fac/Mgmt	106,162		10,000		116,162	0	116,162
5	Leak Detection Eqp	41,000				41,000	0	41,000
6	Groundwater Mon NW	21,500				21,500	0	21,500
7	Livestock/Water Educ.	8,550				8,550	0	8,550
8	Riparian Weed Removal	30,100				30,100	0	30,100
9	Outreach Strategy	1,200				1,200	0	1,200
10	Planning Unit Brand	1,800				1,800	0	1,800
11	Water Supply Assess.	36,354	7,679		2,222	36,354	9,901	46,255
12	Groundwater Modeling	3,601				3,601	0	3,601
13	Stream Restoration	50				50	0	50
14	Edu/Outreach	8,855	5,111			8,855	5,111	13,966
15	Stormwater	10,000				10,000	0	10,000
16	Recharge Sens. Anal.	0		3,000		3,000	0	3,000
17	GW Mon. Database	0		5,000		5,000	0	5,000
	Total	379,114	42,123	20,000	2,222	399,114	44,345	443,459



Estimated Cash Flow Projections

Time Frame	Projected Expenditure Level
FY 12 Quarter 1 July 2011-September 2011	0
FY 12 Quarter 2 October 2011-December 2011	\$ 3,000
FY 12 Quarter 3 January 2012-March 2012	\$ 6,000
FY 12 Quarter 4 April 2012-June 2012	\$ 11,000
FY 13 Quarter 1 July 2012-September 2012	0
FY 13 Quarter 2 October 2012-December 2012	0
FY 13 Quarter 3 January 2013-March 2013	0
FY 13 Quarter 4 April 2013-June 2013	0
Total	\$ 20,000

