

**Quarterly Invoice / Variance Form
Lake Chelan Implementation Projects**

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Licensing & Compliance



CHELAN COUNTY

Date: 12/05/2012

License Article and Measure Description: LC05 – USDA – FS Survey Monuments
CCPUD GL #: LC05 – USDA – FS Survey Monuments – LCRL1003
Agency Name: U.S. Department of Agriculture, Forest Service
Agency Project #: 10-CO-11061700-021
Submitted by: Paul Willard
Phone: 509-682-4960

Report for: 1st 2nd 3rd 4th Quarter of Calendar Year: 2013

Description of Project Work/Progress for this Quarter (include Task Number):

Reimbursement Total Requested for the Quarter: \$ 0.00

- No expenditures/request for reimbursement this quarter.
 Administrative charges only.

Project Work Plans and Estimated Expenditures for the next quarter (include Task Number):

The work on LC05 – USDA – FS Survey Monuments is complete and has met the requirements under the Lake Chelan Settlement Agreement, Lake Chelan Hydroelectric Project FERC Project No. 637

Variations from Plan (if any, describe when work will be conducted, by Task Number): None

The costs and scope of work described herein are true, accurate, and in compliance with the Lake Chelan Settlement Agreement:

Agency Signatory 

Reviewed and Approved By:

CCPUD Signatory M. Lane-Yow 12/13/13
ms 12/16/13

Lake Chelan Monument Project under agreement with Chelan County P.U.D.

4/9/2013

Project

Twenty six (26) corners on the shores of Lake Chelan were identified by Steve Johnson, former Forest Land Surveyor, that controlled Forest Service lands and were affected by the raising of the Lake Chelan. As part of Chelan County P.U.D. relicensing agreement, funds were allocated to find and preserve these monuments.

This work was done by or under the direction of Licensed Professional Land Surveyor Rebecca J. Cate, employee of the Okanogan-Wenatchee National Forest.

Preparation

Tied T-monuments and other monuments. Used Traverse PC to calculate search positions from Exhibit K maps and data sheets and other surveys.

Equipment

GPS -Trimble R6 rovers and base with tsc2 data collectors.

Nikon NPL-362 total station with tsc2 data collector was used in areas where gps was not practical (portions of MS705 and MS1087A).

Survey

3 base locations were used for this survey located at 25 mile Creek Fire Camp (near Helipads), Prince Creek, and Lucerne (on Helipad near Guard Station).

The C-N 1/16 Sec. 33, T.29N., R.21E., at Field's Point was used for some Fast-Static observations.

Field work began in November, 2010 and ended in May, 2012 with the majority of the work being done between the months of March, April and May each year due to the lower water levels of the Lake.

- 17 of the 26 corners were recovered or evidence was found to reset them.
- 4 corners were not searched for due to recent reports of their existence (1997-2007).
- No evidence was found for 3 corners.
- Some evidence was found for 2 corners, but further work would be required to determine positions and these were determined not to be a high priority.

Documentation

Land Corner Records (LCR's) were filed for 28 corners which includes some corners which were not part of the original 26 corners, but were tied to aid in determining other corner positions.

A record of survey was filed in April of 2013 with Chelan County, AFN 2382079, bk. 59, pgs. 44-46.

T-monuments tied during this survey are described on the face of the Record of Survey and LCR's were not filed for these monuments.

TOTAL ESTIMATION SHEET

Settlement Agreement License Article Number: **LC05** Date: **12/5/2013**
 Measure Description: **LC05 USFS Survey Monument**
 PeopleSoft # **LCRL1003**
 Maximo # **226867 (VC 3444)** CPI Adjustment for 2008 = 1.0283
 Agency: **USDA-FS** CPI Adjustment for 2009 = 1.0386
 Agency Project # The \$5000 in Task 1 is the
 Year: **2013**

2003 = \$80,000
USFS Used 2007\$

Task	Description of Proposed Task	Accepted?	CCPUD Labor (burdened)	Agency Labor (burdened)	Materials & Supplies	Contracts	Task Total (with contingency and
1	Phase I survey monument replacement, efficient	yes	\$0	\$0	\$0	\$0	\$0
2	Phase II - Survey monument (adjacent to '07	yes	\$0	\$0	\$0	\$0	\$0
3	TO BE PLANNED	yes	\$0	\$0	\$0	\$0	\$0
4		yes	\$0	\$0	\$0	\$0	\$0
5		yes	\$0	\$0	\$0	\$0	\$0
6		yes	\$0	\$0	\$0	\$0	\$0
7		yes	\$0	\$0	\$0	\$0	\$0
8		yes	\$0	\$0	\$0	\$0	\$0
9		yes	\$0	\$0	\$0	\$0	\$0
10		yes	\$0	\$0	\$0	\$0	\$0
11		yes	\$0	\$0	\$0	\$0	\$0
12		yes	\$0	\$0	\$0	\$0	\$0
13		yes	\$0	\$0	\$0	\$0	\$0
14		yes	\$0	\$0	\$0	\$0	\$0
Subtotal Accepted			\$0	\$0	\$0	\$0	\$0
Taxes			0%	\$0	\$0	\$0	\$0
Contingency			0%	\$0	\$0	\$0	\$0
Total Accepted			\$0	\$0	\$0	\$0	\$0

Spent to Date	(\$63,841.25)	Spent to date
Remaining Available (Real)	\$31,553.84	Current Balance
Estimate to Complete (Real)	(\$0.00)	Cost to complete desired work
Difference Real (2013\$)	\$31,553.84	Remaining to plan (or amount overplanned)

	Added to Ban	Start Balance	Used	Inflated	End Balance	CPI (as of Future Year)	Total Balance
2007	\$89,653.60	\$ 89,653.60	\$ -	\$ 2,537.20	\$ 92,190.80	2.83%	
2008	\$ -	\$ 92,190.80	\$ -	\$ 3,558.56	\$ 95,749.36	3.86%	
2009	\$ -	\$ 95,749.36	\$ -	\$ (354.27)	\$ 95,395.09	-0.37%	
2010	\$ -	\$ 95,395.09	\$ -	\$ -	\$ 95,395.09	0.00%	
2011	\$ -	\$ 95,395.09	(\$41,997.88)	\$ -	\$ 53,397.21	0.00%	
2012	\$ -	\$ 53,397.21	(\$21,843.37)	\$ -	\$ 31,553.84	0.00%	
2013	\$ -	\$ 31,553.84	\$ -	\$ -	\$ 31,553.84		\$31,553.84

(\$63,841.25)

95394.7287
Goal Seek (Available balance versus treasury real total)
31,553.84

Note: Green boxes are to be populated by CCPUD Program Manager or Business Office, Yellow boxes are to be populated by Project Managers.

Note: 8/20/2008 Used Total Available balance from Elmer's database.

Note: 9/30/2008 Moved 2009 work to 2010.

Note: 02/02/09 - Enter 2009 CPI adjustment. Refer to Task 3 Y2010 for true up.

Note: 8/28/2009 - Per USFS, keep 2010 budget as shown.

Note: 12/7/2009 - Per USFS , on Task 2, move \$30,000 from Y2011 to Y2010.

Note: 2/12/2010 - Per USFS , revised Task 1 Y2010 budget to \$5000 and Task 2 to \$90,749 for 2010.

Note: 02/23/10 - Enter 2010 CPI adjustment. Refer to Task 3 Y2014 for true up.

Note: 03/02/10 - Enter 2010 CPI readjustment from -0.0036 (\$95,404.30) to -0.0037 (\$95,394.73). Refer to Task 2 Y2010 for true up.

Note: 3/3/10 - Per USFS, split Task 2 Y2010 contract amounts to \$40K and \$50,394.73.

Note: 12/7/10 - Per USFS, carry over 2010 budgets to 2011 (Task 1 \$5000 and Task 2 \$90,394.73)

Note: 12/31/10 - Per agreement, CPI funding will cease two years after the initiation of the signed agreements (3/2010).

Note: 3/1/2011 - This measure no longer qualifies for CPI. Remaining budgets carried over to 2011. Refer to Task 3 Y2014 for true up.

Note: 5/3/2011 - Q1 11 invoiced Task 1 for \$1,304.56. Task 2 descriptions were changed from "contracts" to "agency labor."

Note: 10/3/11 - Per USFS planning meeting, carry over remaining \$3,695.44 Y2011 to Y2012 (Task 1); keep \$30K for Y2011 and carry over \$35,000 to Y2012 of remaining \$65,001.63 budget (Task 2).

Note: 10/24/2011 - Q3 11 invoiced Task 2 for \$4,662.84.

Note: 1/6/2012 - Q4 11 invoiced Task 1 for \$10,637.38. Carried over remaining 2011 budget \$14,699.78 to Y2012.

Note: 5/24/2012 - Q1 12 invoiced Task 2 for \$1,622.72.

Note: 7/25/2012 - Q2 12 invoiced Task 2 for \$20,220.65.

Note: 11/28/2012 - Per USFS planning meeting, carry over remaining \$3,695.44 Y2012 to Y2013 (Task 1); and carry over remaining \$27,858.04 budget to Y13 (Task 2).

Note: 12/5/2013 - Requested close out letter from USFS. Measure completed. Zeroing out unspent money (\$31,553.84).