

CLARK COUNTY STAFF REPORT

DEPARTMENT: Public Works/Engineering & Construction/Special Projects

DATE: May 16, 2017

REQUESTED ACTION: Approve modification to Camp Bonneville cleanup agreement for an additional \$799,410 in federal funds for ground and surface water monitoring.

 X Consent Hearing County Manager

PUBLIC WORKS GOALS:

- ☐ Provide a safe, efficient transportation system
- ☒ Support a vibrant system of parks and natural areas while preserving the environment
- ☒ Continue responsible stewardship of public funds
- ☒ Increase partnerships and foster an engaged, informed community
- ☒ Empower a skilled, responsive workforce
- ☐ Make Public Works a great place to work

BACKGROUND

This request continues the Washington State Department of Ecology-mandated cleanup at Camp Bonneville. Specifically, this change (Modification 13 to Environmental Services Cooperative Agreement W9128F-06-2-0160) increases funding by \$799,410 to install additional monitoring wells and continue groundwater and surface water monitoring at the former Camp Bonneville Military Reservation.

COUNCIL POLICY IMPLICATIONS

This project has no council policy implications.

ADMINISTRATIVE POLICY IMPLICATIONS

This project has no administrative policy implications.

COMMUNITY OUTREACH

None on this modification, although there has been significant outreach on Camp Bonneville during the past 20 years.

BUDGET IMPLICATIONS

YES	NO	
X		Action falls within existing budget capacity.
	X	Action falls within existing budget capacity but requires a change of purpose within existing appropriation
	X	Additional budget capacity is necessary and will be requested at the next supplemental. If YES, please complete the budget impact statement. If YES, this action will be referred to the county council with a recommendation from the county manager.

Pw17-060

ok

BUDGET DETAILS

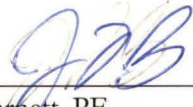
Local Fund Dollar Amount	\$0
Grant Fund Dollar Amount	\$799,410
Account	1013 – Camp Bonneville
Company Name	Department of the Army

DISTRIBUTION:

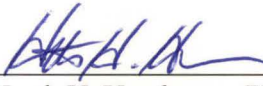
Board staff will post all staff reports to The Grid. <http://www.clark.wa.gov/thegrid/>

Attachments:


- Cooperative Agreement Modification
- Scope of Work



Jerry Barnett, PE
Project Manager
Public Works



Heath H. Henderson, PE
Public Works Director/County Engineer



APPROVED:
CLARK COUNTY, WASHINGTON
BOARD OF COUNTY COUNCILORS

DATE: May 16, 2017
SR# SR 107-17



APPROVED: _____
Mark McCauley, County Manager

DATE: _____

COOPERATIVE AGREEMENT MODIFICATION

Camp Bonneville

MODIFICATION NO: P00013

AGREEMENT NO: W9128F-06-2-0160

EFFECTIVE DATE:

PR NO: W31RYO70738442

☒ This is a **bilateral** modification (supplemental agreement) reflecting other agreements of the parties, modifying the terms and conditions of the Cooperative Agreement. The Recipient **is required** to execute and return ONE (1) originals of this modification to the Grants Officer.

DESCRIPTION OF MODIFICATION

--- SEE CONTINUATION PAGE(S) ---

ACCOUNTING AND APPROPRIATION DATA:

ACRN AA: 097 NA X 2007 0516 000 50B1 CCS: NA A0 2007 08 8130 6MC80007000 01110 2540 24D310
01110 2540 24D310 J8C13G INCREASE \$799,410.00

EXECUTION OF MODIFICATION

FOR THE RECIPIENT:

Clark County
Public Works
P.O. Box 9810
Vancouver, WA 98666-9810

Approved as to form only:

By: 
Deputy Prosecuting Attorney


(SIGNATURE)

Marc Boldt
(NAME)

Council Chair, Boc
(TITLE)

May 16, 2017
(DATE)



FOR THE UNITED STATES OF AMERICA:

U.S. Army Corps of Engineers, Huntsville Center
ATTN: CEHNC-CTB/Sharon Butler
4820 University Square Blvd.
Huntsville, AL 35816

(SIGNATURE)

SHARON H. BUTLER
(NAME)

GRANTS OFFICER
(TITLE)

(DATE)

A. This modification is being issued to:

1. Revise Table 1, Camp Bonneville MEC ESCA CLINS in Section B, Paragraph 5.2.1 as follows for Add CLIN 0010A Environmental Services – Groundwater Monitoring:
 - i. Period of performance is April 2017 to July 2021
 - ii. The Maximum Obligation and Amount Funded is \$799,410.00.
2. Incorporate the Scope of Work entitled “Groundwater and Surface Water Monitoring Activities and Additional Groundwater Investigation Landfill 4/Demolition Area 1, and Monitoring Well Installation at Base Boundary, Camp Bonneville, Vancouver, Washington” dated March 31, 2017

B. As a result of this modification, the total funded amount for this agreement is being increased from \$23,278,552.50 to \$24,077,962.50; an increase of \$799,410.00.

C. All other terms and conditions remain unchanged.

Section B, Paragraph 5.2.1

TABLE 1 – CAMP BONNEVILLE MEC ESCA CLINS

CLIN		PERIOD OF PERFORMANCE	MAXIMUM OBLIGATION	AMOUNT FUNDED
0001	Base Funding Period	July 2006 – July 2011	\$21,659,211	\$21,659,211
0002	WDOE Oversight, Washington State Regulators	July 2006 – July 2008	\$634,086	\$634,086
0003	Administration of funds to WDOE	July 2006 – July 2008	\$32,000	\$32,000
0004	WDOE Oversight	July 2006 – July 2008	\$150,000	\$150,000
0005	Option 1 – Environmental Services	July 2008 – July 2011	\$1,969,656	\$1,969,656
0006	WDOE Oversight	July 2008 – July 2010	\$150,758	\$150,758
0007	WDOE Oversight	July 2008 – June 2011	\$190,746	\$190,746
0008	Army Contingent Funding	July 2010	\$4,014,160	\$4,014,160
0009	Environmental Services – Stockpile Screening/Loading Facility	July 2011 – July 2021	\$1,880,171.50	\$1,880,171.50
0010	Environmental Services – Groundwater Monitoring	July 2011 – July 2016	\$735,000	\$735,000
0010A	Environmental Services – Groundwater Monitoring	April 2017 – July 2021	\$799,410	\$799,410
0011	Clark County Oversight and Institutional Controls	July 2011 – July 2021	\$6,470,500	\$6,470,500
0012	Option 2 – Clark County Oversight Overtime	July 2011 – July 2021	\$125,000	\$125,000
0013	Long Term Obligation	July 2011 – July 2021	\$902,222	\$902,222
0014	WDOE Oversight	July 2006 – July 2021	\$3,200,000	\$3,200,000
0015	Environmental Services – RAU 2C	July 2011 – July 2021	\$200,000	\$200,000
TOTAL OBLIGATION			\$24,077,962.50	\$24,077,962.50

Scope of Work
Groundwater and Surface Water Monitoring Activities and Additional Groundwater
Investigation Landfill 4/Demolition Area 1, and Monitoring Well Installation at Base Boundary,
Camp Bonneville, Vancouver, Washington
March 31, 2017

Project Approach and Scope of Work for Groundwater and Surface Water Monitoring Activities

Clark County (County) shall perform quarterly groundwater monitoring until the end of the ESCA term in July 2021 at the former site of Landfill 4/Demolition Area 1 and at the Base Boundary at Lacamas Creek area. The County shall also perform surface water monitoring at three locations along Lacamas Creek in the third quarter of each year. This scope of work assumes that work will be performed per requirements in the combined Sampling and Analysis Plan (SAP) and Quality Assurance Project Plan (QAPP) issued by Clark County's Contractor in January 2014, and associated amendments.

A proposed groundwater investigation that includes additional monitoring well installation is currently undergoing evaluation by the County and other stakeholders. This scope of work assumes that the proposed well installation will be completed prior to the quarterly event in June 2017.

The groundwater monitoring program shall occur as described below.

Groundwater Monitoring at Landfill 4 / Demolition Area 1

The following eighteen (18) wells at Landfill 4/Demolition Area 1 will be sampled:

- Paired wells: L4-MW01A (shallow) and L4-MW01B (deep)
- Paired wells: L4-MW02A (shallow) and L4-MW02B (deep)
- Paired wells: L4-MW03A (shallow) and L4-MW03B (deep)
- L4-MW04A (shallow)
- L4-MW05A (shallow)
- L4-MW07B (deep)
- Paired wells: L4-MW08A (shallow) and L4-MW08B (deep) *
- Paired wells: L4-MW09A (shallow) and L4-MW09B (deep) *
- Paired wells: L4-MW10A (shallow) and L4-MW10B (deep) *
- L4-MW11B (deep) *
- L4-MW17 (in bedrock)
- L4-MW18 (in alluvium)

* These wells will be installed during the proposed investigation

Groundwater Monitoring at Down-Gradient Boundary (Base Boundary)

The ten (10) wells at the down-gradient site boundary near Lacamas Creek will be sampled:

- Paired wells: LC-MW01S and LC-MW01D
- Paired wells: LC-MW02S and LC-MW02D
- Paired wells: LC-MW03S and LC-MW03D
- Paired wells: LC-MW04S and LC-MW04D
- Paired wells: LC-MW09S and LC-MW09D *

* These wells will be installed during the proposed investigation.

ADDITIONAL WELL INSTALLATION

Additional investigation proposed for Landfill 4 / Demolition Area 1 (LF4/D1), and the installation of nine (9) additional monitoring wells at the Base Boundary at Lacamas Creek (Base Boundary) and LF4/D1, both locations at Camp Bonneville in Vancouver, Washington are identified by an * above.

Surface Water Monitoring

Three surface water sampling locations will be sampled. Two locations are on Lacamas Creek, and one location is on the North Fork Lacamas Creek at the following locations:

- LC03SW
- LC15SW
- NF02SW

REPORTS

The County shall prepare a quarterly monitoring report that will include a summary of project background and scope, monitoring protocols, any deviations from the SAP or QAPP, site figures, data tables, and a trend analysis of historically impacted wells. The report shall include a data quality assessment of laboratory analysis results. The County shall submit a draft for review to the County and the Department of Ecology (Ecology). A final version shall be prepared and submitted during the fourth quarter event and final sampling event.

ESTIMATED SCHEDULE

Additional Groundwater Investigation Landfill 4/Demolition Area 1, and Monitoring Well Installation at Base Boundary

The County shall follow the current monitoring schedule, with field events to occur in March, June, September, and December of each year (see Table 1 below). Each event is expected to require five field days. The draft report shall be submitted approximately three weeks after receiving the final laboratory data. The final report shall be submitted within one week of receiving Ecology approval.

Quarterly Sampling Events to be Completed by Fiscal Year – Total of 17 events

TABLE 1

FY17 (3)		June	September	December
FY18 (4)	March	June	September	December
FY19 (4)	March	June	September	December
FY20 (4)	March	June	September	December
FY21 (2)	March	June		