

WHATCOM COUNTY COUNCIL AGENDA BILL

NO. 2018-043

CLEARANCES	Initial	Date	Date Received in Council Office	Agenda Date	Assigned to:
Originator: Paula Harris	<i>PH</i>	1-16-18	RECEIVED JAN 23 2018 WHATCOM COUNTY COUNCIL	January 30, 2018	Finance, Council
Division Head: Gary Stoyka	<i>ms</i>	1/18/18			
Dept. Head: Jon Hutchings	<i>JH</i>	1/17/18			
Prosecutor: Dan Gibson	<i>DG</i>	01/18/18			
Purchasing/Budget: Brad Bennett	<i>bb</i>	1-16-18			
Executive: Jack Louws	<i>JL</i>	1/22/18			

TITLE OF DOCUMENT:

Amendment to Subaward Agreement with The Nature Conservancy

ATTACHMENTS:

Cover memo

SEPA review required?	() Yes	(X) NO	Should Clerk schedule a hearing?	() Yes	(X) NO
SEPA review completed?	() Yes	() NO	Requested Date:		

SUMMARY STATEMENT OR LEGAL NOTICE LANGUAGE: *(If this item is an ordinance or requires a public hearing, you must provide the language for use in the required public notice. Be specific and cite RCW or WCC as appropriate. Be clear in explaining the intent of the action.)*

This amendment adds the second year of NOAA grant funding to support the Deming Levee Improvement Project and the geomorphic assessment for the Floodplain Integrated Planning process to update the Lower Nooksack River Comprehensive Flood Hazard Management Plan.

COMMITTEE ACTION:

COUNCIL ACTION:

Related County Contract #:

Related File Numbers:

Ordinance or Resolution Number:

Please Note: *Once adopted and signed, ordinances and resolutions are available for viewing and printing on the County's website at: www.co.whatcom.wa.us/council.*



JON HUTCHINGS
DIRECTOR

TO: The Honorable Members of the Whatcom County Flood Control
Zone District Board of Supervisors

RECEIVED

JAN 18 2018

THROUGH: Jon Hutchings, Public Works Director *JH*

FROM: Paula Harris, River & Flood Manager *PH*
Gary Stoyka, Natural Resources Manager *GS*

JACK LOUWS
COUNTY EXECUTIVE

RE: Amendment to Subaward Agreement for NOAA Grant Funding
through The Nature Conservancy

DATE: January 11, 2018

Enclosed are two (2) originals of an amendment to the subaward agreement between The Nature Conservancy (TNC) and Whatcom County Flood Control Zone District (FCZD) for your review and signature.

▪ **Background and Purpose**

The Nature Conservancy obtained a grant through the National Oceanic and Atmospheric Administration (NOAA) to support floodplain management and habitat restoration activities. Last year, the FCZD entered into a subaward agreement with TNC to provide funding for construction of the Deming Levee Improvement project and completion of a detailed geomorphic assessment of the Lower Nooksack River to support the integrated planning process to update the comprehensive flood hazard management plan. This amendment provides the second year of grant funding for these two projects.

▪ **Funding Amount and Source**

The original subaward for the first year of the grant funding was for \$250,000. NOAA wanted to review their grantee's progress in implementing the grant before they would allocate the second year of funding. Because we have demonstrated good progress, they are now allocating the second year of funding. This amendment provides an additional \$150,000 for total amount of \$400,000; \$300,000 of the funding will support the Deming Levee Improvement Project and \$100,000 is for the geomorphic assessment.

Please contact Paula at extension 6285, if you have any questions or concerns regarding the terms of this agreement.

**WHATCOM COUNTY CONTRACT
INFORMATION SHEET**

Whatcom County Contract No.
201703003-1

Originating Department:	Public Works
Division/Program: (i.e. Dept. Division and Program)	River and Flood
Contract or Grant Administrator:	Paula Harris
Contractor's / Agency Name:	The Nature Conservancy (TNC)

Is this a New Contract? If not, is this an Amendment or Renewal to an Existing Contract? Yes No
 Yes No If Amendment or Renewal, (per WCC 3.08.100 (a)) Original Contract #: 201703003

Does contract require Council Approval? Yes No If No, include WCC: _____
 (see Whatcom County Codes 3.06.010, 3.08.090 and 3.08.100)

Is this a grant agreement? Yes No If yes, grantor agency contract number(s): WA-S-161130-011 CFDA#: 11.463

Is this contract grant funded? Yes No If yes, Whatcom County grant contract number(s): _____

Is this contract the result of a RFP or Bid process? Contract _____
 Yes No If yes, RFP and Bid number(s): _____ Cost Center: 717002

Is this agreement excluded from E-Verify? No Yes If no, include Attachment D Contractor Declaration form.

- If YES, indicate exclusion(s) below:
- Professional services agreement for certified/licensed professional.
 - Contract work is for less than \$100,000.
 - Contract work is for less than 120 days.
 - Interlocal Agreement (between Governments via TNC).
 - Contract for Commercial off the shelf items (COTS).
 - Work related subcontract less than \$25,000.
 - Public Works - Local Agency/Federally Funded FHWA.

Contract Amount:(sum of original contract amount and any prior amendments):
 \$ 250,000

This Amendment Amount:
 \$ 150,000

Total Amended Amount:
 \$ 400,000


Council approval required for; all property leases, contracts or bid awards **exceeding \$40,000**, and professional service contract amendments that have an increase greater than \$10,000 or 10% of contract amount, whichever is greater, **except when:**

1. Exercising an option contained in a contract previously approved by the council.
2. Contract is for design, construction, r-o-w acquisition, professional services, or other capital costs approved by council in a capital budget appropriation ordinance.
3. Bid or award is for supplies or equipment included approved in the budget.
4. Contract is for manufacturer's technical support and hardware maintenance of electronic systems and/or technical support and software maintenance from the developer of proprietary software currently used by Whatcom County.

Summary of Scope: This amendment amends the existing sub-recipient agreement with TNC to allocate the second year of Federal funding for the Deming Levee Improvement Project and the Lower Nooksack River geomorphic assessment.

Term of Contract: _____ Expiration Date: December 31, 2018

- | | | |
|-------------------|---|-----------------------|
| Contract Routing: | 1. Prepared by: <u>Paula Harris</u> | Date: <u>1-9-18</u> |
| | 2. Attorney signoff: <u>Daniel L. Gibson</u> <i>DLG</i> | Date: <u>01/11/18</u> |
| | 3. AS Finance reviewed: <u>bbennett</u> | Date: <u>1/16/18</u> |
| | 4. IT reviewed (if IT related): _____ | Date: _____ |
| | 5. Contractor signed: _____ | Date: _____ |
| | 6. Submitted to Exec.: _____ | Date: _____ |
| | 7. Council approved (if necessary): _____ | Date: _____ |
| | 8. Executive signed: _____ | Date: _____ |
| | 9. Original to Council: _____ | Date: _____ |

	Agreement Number:	WA-S-161130-011
	Amendment Number:	WA-S-161130-011
	ACCOUNTING INFORMATION	
	Project ID Name:	WA Floodplains Puget Sound - NOAA Accelerating Recovery PS
	Project ID Number:	P104038-A103546-n/a
Source of funds:	U.S. Government <input checked="" type="checkbox"/>	
	State Government <input type="checkbox"/>	
	Private <input type="checkbox"/>	

Amendment to Subaward Agreement
(Amendment #1)

This Amendment is dated and effective as of August 1, 2017, and is entered into by and between **The Nature Conservancy**, a District of Columbia nonprofit corporation (“TNC”) and Whatcom County Flood Control Zone (“Awardee”), with respect to that certain Subaward Agreement, dated as of March 22, 2017, which was entered into by TNC and Awardee with respect to Deming Levee setback and Nooksack Geomorphic Assessment (the “**Agreement**”), which TNC and Awardee wish to amend. Each capitalized term used in this Amendment shall have the meaning ascribed to that term in the Agreement, unless otherwise explicitly defined herein.

In consideration of their respective covenants herein contained, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, TNC and Awardee hereby agree as follows:

- The not to exceed amount described in the first sentence of Paragraph 3(a) of the Agreement is revised to be \$400,000.00.
- The Awardee’s cash or in-kind contribution for the project described in Paragraph 3(c) is revised to be \$950,000.
- The respective obligations of the parties under the Agreement are revised to be as set out in **Schedule 1** which is attached to this Amendment, which is incorporated herein by this reference, and which replaces in its entirety the original **Attachment B** which was attached to the Agreement.
- The budget for the Agreement is revised to be as set out in **Schedule 2** which is attached to this Amendment, which is incorporated herein by this reference, and which replaces in its entirety the original **Attachment A** which was attached to the Agreement.
- The Financial Report for the agreement is revised to be as set out in **Schedule 3** which is attached to this Amendment, which is incorporated herein by this reference, and which replaces in its entirety the original **Attachment D** which was attached to the Agreement.
- The Reporting Due Dates chart in Paragraph 5 of the Agreement is modified to read in its entirety as follows:

REPORTING DUE DATES	
Semi-Annual Performance Reports	Due March 30 for the period September 1- February 28(9) and September 30 for the period March 1 – August 31, annually.
Final Performance Report	No later than 45 days after the Expiration Date of the Agreement
Semi-Annual Summary Financial Report	Due March 30 for the period September 1- February 28(9) and September 30 for the period March 1 – August 31, annually.
Final Financial Report	No later than 45 days after the Expiration Date of the Agreement

- The term of the Agreement is extended, such that the Expiration Date will be December 31, 2018.
- Except as modified by this Amendment, the Agreement and all of its terms, conditions, and stipulations remain in full force and effect and unmodified.

In witness whereof, the parties have executed this Amendment as of the date first above written.

The Nature Conservancy,
a District of Columbia nonprofit corporation

Whatcom County Flood Control Zone District

By: Melissa Garvey
(signature)
Print Name: Melissa Garvey
Title: Deputy State Director, Washington

By: See attached
(signature)
Print Name: _____
Title: _____

Schedule 1
Scope of Work

Task 1 - Deming Levee Setback Construction

Background:

The Nooksack River is the fourth largest watershed in the Puget Sound. From its headwaters, the watershed drains an area of approximately 835 square miles before entering the marine waters of Bellingham Bay. The Nooksack River, its tributaries and adjacent independent coastal streams represent 1,437 miles of habitat which either bear, or could bear, salmonids. The Nooksack support ten salmonid species including ESA-listed populations of Chinook salmon, steelhead, and bull trout. All species use the mainstem Nooksack River to fulfill their life history needs. Whatcom County Flood Control Zone District is seeking construction funding for the Deming floodplain restoration project implementation in 2017.

The proposed project reconnects a tributary channel and historic channel area that were disconnected when the existing substandard berm was constructed, and enables reconnection of river floodplain and established riparian forest and improved side channel development over time, directly addressing Chinook and steelhead habitat needs. An alternatives analysis has been completed, construction-ready plans are in-hand, and permits are nearing final approval. The project will construct a short setback levee so that the current substandard berm can degrade over time allowing reconnection of five acres of historic Nooksack River floodplain and re-establishment of a riparian forest. An opening in the berm and a new channel will be created to connect a small tributary and associated wetland to the existing Nooksack River side channel, and large woody debris will be installed in the tributary. This will provide 625 linear feet of stream channel and 0.4 acres of wetland that will provide off-channel rearing and flood refugia for juvenile salmonids. Riparian areas disturbed during construction will be replanted with native conifers, improving riparian function and edge habitat.

The setback levee will be an improved structure that allows more floodwater conveyance in the mainstem of the Nooksack River and is less likely to overtop or breach into the town of Deming. Installation of a gate will also limit the current 4x4 and ORV activity on the site which is damaging riparian and wetland areas and impacting water quality.

Goal:

Restore floodplain function on five acres of historic Nooksack River floodplain and restore tributary connectivity and fish habitat while reducing flood risk to the community of Deming.

Objectives:

- Remove a portion of existing levee to restore fish passage and connectivity to 625 feet of Marshall Hill Creek and five acres of Nooksack River floodplain.
- Construct a setback levee to maintain or improve flood protection to key public and tribal infrastructure in Deming.
- Install multiple log structures to improve habitat diversity and complexity in creek and side-channel rearing habitats.
- Install gate to prevent ORV and 4x4 access that degrade water quality and riparian and wetland habitats.

Outcomes:

- Reconnect 5 acres of historic floodplain through levee removal and setback that restores critical floodplain habitat while reducing flood risks to the town of Deming
- Restore 625' of tributary habitat and 0.4 acres of wetland to provide off channel salmon rearing and refugia

Scope of Work:

Whatcom County Public Works will develop a bid package including the final plans and specifications, advertise the request for bids and award the bid to the lowest responsible bidder. The Construction Contractor that is hired to construct this project will complete the work tasks listed by WSDOT (Washington State Department of Transportation) Standard Specification or Special Provisions number as shown below. In addition to expenses incurred by the construction contractor, additional costs

billed to this task may include costs by the BNSF Railroad to construct a new railroad crossing at the new levee alignment, materials testing, and construction support by the design engineer to ensure the project meets specifications.

Site Preparation, Temporary Facilities

- 1-05 CONTRACTOR SURVEYING
- 1-09 MOBILIZATION (5%)
- 1-10 PROJECT TEMPORARY TRAFFIC CONTROL
- 2-01 CLEARING AND GRUBBING
- 2-02SP DECOMMISSION OBSERVATION WELL

Earthwork (Levee Construction)

- 2-03SP GENERAL EXCAVATION INCL. HAUL (Levee Construction)
- 2-03SP REMOVAL OF GENERAL EXCAVATION INCL. HAUL
- 2-03SP ONSITE LEVEE SELECT FILL
- 2-03SP IMPORTED LEVEE SELECT FILL
- 2-03SP COMMON FILL
- 2-03SP GRAVEL BORROW
- 2-03SP DEWATERING
- 2-12SP CONSTRUCTION GEOSYNTHETIC
- 8-15SP HEAVY LOOSE RIPRAP
- 8-15 QUARRY SPALLS

Stream Construction and Restoration

- 2-03SP GENERAL EXCAVATION INCL. HAUL (Stream Construction)
- 3-05SP STREAMBED COBBLES
- 6-04SP LARGE WOODY DEBRIS
- 6-04SP BRUSH PILES
- 6-04SP SNAGS

Temporary Erosion and Sediment Control

- 8-01 EROSION AND WATER POLLUTION CONTROL
- 8-01 SPCC PLAN
- 8-01 STABILIZED CONSTRUCTION ENTRANCE
- 8-01 HIGH VISIBILITY SILT FENCE
- 8-01 ENVIRONMENTAL COMPLIANCE LEAD

Miscellaneous

- 9-16SP ACCESS CONTROL GATE

Deliverables:

- Record drawings will be completed noting as-built elevations, structure locations, and any changes from the original plan set.
 - Due January 31, 2018
- Final project memorandum signed by the Project Engineer and or Construction Consultant declaring that the project was constructed and completed in accordance with the construction plans and specifications. This memorandum will also include photos taken to document important phases of construction.
 - Due January 31, 2018

Task 1 cost (NOAA portion, year 1): \$200,000; match: \$500,000

Task 1 cost (NOAA portion, year 2): \$100,000; match: \$450,000

Anticipated project schedule:

Calendar year	2016	2017				2018				2019			
Federal quarter	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
construction													
as-builts complete													
project management													

Task 2 – Geomorphic Assessment

Background:

While the upper Nooksack watershed is mostly in private, state, or federally managed forest, the lower portion of the watershed is largely rural, but more heavily developed than the upper reaches, with farms, rural residences, and small communities dominating the landscape. As such, there are multiple community interests and priorities along the Nooksack floodplain including salmon recovery, flood risk reduction, water quality, and agricultural operability and viability. In an effort to coordinate these community interests, a planning effort is underway to integrate multiple priorities and create a roadmap for achieving wins for all stakeholders. One of the data gaps is a comprehensive detailed geomorphic assessment. Geomorphic analysis has been completed on portions of the Lower Nooksack River. Additional work is needed to complete assessments on reaches lacking this analysis and to compile all the analyses into a single set of products.

Geomorphic analysis is a critical component in comprehensive river planning, providing a context within which the effects of existing hydro-modifications can be better understood and constraints to habitat can be identified. It also provides a context for evaluating potential flood hazard reduction strategies to ensure they can be effective in reducing flood risk and do not continue to degrade the system. The next phase of planning for the lower Nooksack River will be to update the comprehensive flood hazard management plan in a manner that integrates salmon habitat protection and restoration goals while also addressing the needs of the agricultural community, as most of the Nooksack River floodplain is currently used for agriculture.

Goal:

Fill a critical knowledge gap identified as a barrier to advancing salmon recovery and flood hazard management in the lower Nooksack watershed.

Objectives:

- Complete a geomorphic assessment of the lower Nooksack River to create an understanding of river processes, anthropogenic impacts, and geomorphic thresholds that may affect the ability to restore properly functioning habitat and reduce flood risk.
- Provide a final report, GIS files, and other products suitable to incorporate the geomorphic assessment into updated salmon recovery planning, flood hazard planning, and an integrated floodplain vision and 10-year plan

Outcomes:

- Advance multiple benefit project planning by filling a key knowledge gap that is currently a barrier to advancing floodplain project identification and design – a geomorphic assessment of the Nooksack River.

Scope of Work:

Whatcom County Public Works will oversee and manage the geomorphic assessment project, including hiring a consultant to complete the technical work described below. Tasks 2.1 through 2.4 will be completed in year one (by December 31, 2017). Completion of other tasks will be contingent on additional funds and time.

Task 2.1 – Project Kick-Off

Hold a project kick-off meeting and initial field review to clarify scoping elements, discuss supporting data sources, coordinate with other projects gathering similar data, refine the project schedule and gain overall site familiarity. This task includes a meeting with agencies and others holding data.

Completion date: February 1, 2017

Task 2.2 - Data Compilation

Compile and summarize existing data; identify gaps in historical imagery and other key data sets and fill the gaps as possible. Identify sources of potential supporting data and request data as appropriate.

Completion date: March 3, 2017

Task 2.3 – Geomorphic Analysis

Perform a baseline geomorphic evaluation of the project reach with a focus on remote analysis using aerial photos, lidar, and other mapping layers to document rates and patterns of geomorphic change. This task includes stakeholder meeting #1.

Completion date: July 1, 2017

Task 2.4 – Evaluate Additional Geomorphic Parameters to Support Habitat Assessment

Evaluate key geomorphic parameters (e.g. role of large wood in shaping channel, history of wood management, persistence of wood) that link the geomorphology to current habitat forming processes. Information will inform habitat assessment to be done separately and habitat protection and restoration priorities. This task will be included in stakeholder meeting #1

Completion date: July 1, 2017

Task 2.5 – Technical Assistance

The County may call upon the Contractor to perform specific professional services to support the geomorphic assessment process as needed. Anticipated services will likely include:

- Additional analysis to respond to stakeholder input
- Attendance and participation in additional stakeholder meetings beyond those identified in this scope of work to present additional analysis.

Completion date: December 31, 2018

Task 2.6 – Integration of Results with Flood Control Strategies

Evaluate flood control strategies and how they influence geomorphic processes and salmon habitat parameters. Consider anticipated geomorphic trajectories at specific sites and for broader floodplain management. Provide recommendations to modify existing flood infrastructure to achieve ecological gain and to reduce maintenance requirements while retaining flood hazard management functions and achieving system resilience. This task includes stakeholder meeting #2.

Completion date: December 1, 2018

Task 2.7 – Reporting

Prepare and present a draft report at stakeholder meeting #3. Receive comments and make revisions as necessary. Prepare and present a final report and final GIS and other digital products at stakeholder meeting #4. This task may include up to two additional stakeholder meetings if necessary.

Completion date: December 31, 2018

Year 1 Deliverables:

- Technical memo documenting baseline geomorphic evaluation.
 - Due December 31, 2017

Year 2 Deliverables:

- Agency and stakeholder meeting summaries
 - Due December 31, 2018
- Copies of presentations to stakeholders.
 - Due December 31, 2018
- Final consultant report including habitat assessment
 - Due December 31, 2018

Task 2 cost (NOAA portion, year 1): \$50,000; match: \$0

Task 2 cost (NOAA portion, year 2): \$50,000; match: \$0

Anticipated project schedule:

Calendar year	2016	2017				2018				2019			
Federal quarter	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
baseline tech memo													
stakeholder meetings													
final report													

**Schedule 2
Budget**

Whatcom Co - Demming Levee Setback							
Object Class Categories	Year 1		Year 2		Total Request		Total Budget
	Request	Match	Request	Match	Request	Secured Non-Federal	
a. Personnel					-	-	-
b. Fringe Benefits					-	-	-
c. Travel					-	-	-
d. Equipment					-	-	-
e. Supplies					-	-	-
f. Contractual	200,000	500,000	100,000	450,000	300,000	950,000	1,250,000
g. Construction					-	-	-
h. Other					-	-	-
i. Total Direct Charges	200,000	500,000	100,000	450,000	300,000	950,000	1,250,000
j. Indirect Charges	-	-	-	-	-	-	-
k. Grand Total	200,000	500,000	100,000	450,000	300,000	950,000	1,250,000

Whatcom Co - Nooksack Geomorphic Assessment							
Object Class Categories	Year 1		Year 2		Total Request		Total Budget
	Request	Match	Request	Match	Request	Secured Non-Federal	
a. Personnel					-	-	-
b. Fringe Benefits					-	-	-
c. Travel					-	-	-
d. Equipment					-	-	-
e. Supplies					-	-	-
f. Contractual	50,000		50,000		100,000	-	100,000
g. Construction					-	-	-
h. Other					-	-	-
i. Total Direct Charges	50,000	-	50,000	-	100,000	-	100,000
j. Indirect Charges	-	-	-	-	-	-	-
k. Grand Total	50,000	-	50,000	-	100,000	-	100,000

Schedule 3 Financial Report

FORM A - CONSOLIDATED FINANCIAL REPORT

NAME OF ORGANIZATION : **Whatcom County Public Works**

COUNTRY: **USA**

PROJECT NAME: **Deming Levee Setback**

SITE: **WA**

REPORT PERIOD:

AWARD #: **WA-S-161130-011**

Prior period adjustments require a detailed explanation in the notes section provided below.
Fill in the yellow shaded areas only.

TNC-FUNDED EXPENSES						
CATEGORIES	Budget (A)	Prior Period Expenses (B)	Prior Period Adjustments (C)	Current Period Expenses (D)	TOTAL LOP Expenses to Date (E=B+C+D)	Balance (F= A-E)
A. PERSONNEL					-	-
B. FRINGE BENEFITS	-				-	-
C. TRAVEL					-	-
D. EQUIPMENT	-				-	-
E. SUPPLIES					-	-
F. CONTRACTUAL	300,000.00				-	300,000.00
G. CONSTRUCTION	-				-	-
H. OTHER	-				-	-
I. TOTAL DIRECT COSTS	300,000.00	-	-	-	-	300,000.00
J. INDIRECT COSTS					-	-
K. TOTALS	300,000.00	-	-	-	-	300,000.00
PERCENTAGE OF BUDGET SPENT					0%	

MATCH EXPENSES						
CATEGORIES	Budget (A)	Prior Period Expenses (B)	Prior Period Adjustments (C)	Current Period Expenses (D)	TOTAL LOP Expenses to Date (E=B+C+D)	Balance (F= A-E)
A. PERSONNEL					-	-
B. FRINGE BENEFITS					-	-
C. TRAVEL					-	-
D. EQUIPMENT					-	-
E. SUPPLIES					-	-
F. CONTRACTUAL					-	-
G. CONSTRUCTION	950,000.00				-	950,000.00
H. OTHER					-	-
I. TOTAL DIRECT COSTS	950,000.00	-	-	-	-	950,000.00
J. INDIRECT COSTS					-	-
K. TOTALS	950,000.00	-	-	-	-	950,000.00

PROJECT TOTALS	1,250,000.00	-	-	-	-	1,250,000.00
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OTHER SOURCES OF INCOME			
	Prior Period LOP INCOME (A)	Current Period INCOME (B)	TOTAL LOP INCOME (C= A+B)
GROSS PROGRAM INCOME			-
INTEREST			-
TOTAL	0.00	0.00	0.00

Explanation of Prior Period Adjustments:

NAME AND TITLE - PROJECT COORDINATOR

NAME AND TITLE - FINANCE DIRECTOR

SIGNATURE - PROJECT COORDINATOR

SIGNATURE - FINANCE DIRECTOR

DATE OF SIGNATURE

DATE OF SIGNATURE

Note: LOP means Life of Project.

FORM A - CONSOLIDATED FINANCIAL REPORT

NAME OF ORGANIZATION : **Whatcom County Public Works** COUNTRY: **USA**
 PROJECT NAME: **Nooksack Geomorphic Assessment** SITE: **WA**
 REPORT PERIOD: **0** AWARD #: **WA-S-161130-011**

Prior period adjustments require a detailed explanation in the notes section provided below.
 Fill in the yellow shaded areas only.

TNC-FUNDED EXPENSES						
CATEGORIES	Budget (A)	Prior Period Expenses (B)	Prior Period Adjustments (C)	Current Period Expenses (D)	TOTAL LOP Expenses to Date (E=B+C+D)	Balance (F= A-E)
A. PERSONNEL					-	-
B. FRINGE BENEFITS	-				-	-
C. TRAVEL					-	-
D. EQUIPMENT	-				-	-
E. SUPPLIES					-	-
F. CONTRACTUAL	100,000.00				-	100,000.00
G. CONSTRUCTION	-				-	-
H. OTHER	-				-	-
I. TOTAL DIRECT COSTS	100,000.00	-	-	-	-	100,000.00
J. INDIRECT COSTS					-	-
K. TOTALS	100,000.00	-	-	-	-	100,000.00
PERCENTAGE OF BUDGET SPENT					0%	

MATCH EXPENSES - NOT REQUIRED						
CATEGORIES	Budget (A)	Prior Period Expenses (B)	Prior Period Adjustments (C)	Current Period Expenses (D)	TOTAL LOP Expenses to Date (E=B+C+D)	Balance (F= A-E)
A. PERSONNEL					-	-
B. FRINGE BENEFITS					-	-
C. TRAVEL					-	-
D. EQUIPMENT					-	-
E. SUPPLIES					-	-
F. CONTRACTUAL					-	-
G. CONSTRUCTION					-	-
H. OTHER					-	-
I. TOTAL DIRECT COSTS	-	-	-	-	-	-
J. INDIRECT COSTS					-	-
K. TOTALS	-	-	-	-	-	-

PROJECT TOTALS	100,000.00	-	-	-	-	100,000.00
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OTHER SOURCES OF INCOME			
	Prior Period LOP INCOME (A)	Current Period INCOME (B)	TOTAL LOP INCOME (C= A+B)
GROSS PROGRAM INCOME			-
INTEREST			-
TOTAL	0.00	0.00	0.00

Explanation of Prior Period Adjustments:

NAME AND TITLE - PROJECT COORDINATOR _____ NAME AND TITLE - FINANCE DIRECTOR _____
 SIGNATURE - PROJECT COORDINATOR _____ SIGNATURE - FINANCE DIRECTOR _____
 DATE OF SIGNATURE _____ DATE OF SIGNATURE _____

Note: LOP means Life of Project.

FORM B - SOURCE AND USE OF FUNDS

NAME OF ORGANIZATION: **Whatcom County Public Works** COUNTRY: **USA**
Deming Levee Setback and
Nooksack Geomorphic
PROJECT NAME: **Assessment** SITE: **WA**
REPORT PERIOD: **0** AWARD # **WA-S-161130-011**

Fill in the yellow shaded areas only.

	LINE	Prior Period Expenses	Current Expenses	Cumulative
TOTAL EXPENSES	1	-	-	-
TNC SHARE OF EXPENSES	2	-	-	-
SUBAWARDEE SHARE OF EXPENSES (MATCH)	3	-	-	-
TOTAL TNC FUNDS RECEIVED TO DATE	4			
REQUESTED TNC FUNDS (Line 2 - Line 4)	5			-

NAME AND TITLE - PROJECT COORDINATOR

NAME AND TITLE - FINANCE DIRECTOR

SIGNATURE - PROJECT COORDINATOR

SIGNATURE - FINANCE DIRECTOR

DATE OF SIGNATURE

DATE OF SIGNATURE