## **Natural Resource Damage Assessment Funding and Participation Agreement**

## Port Angeles Harbor Natural Resources Trustees And Rayonier Properties, LLC

This Funding and Participation Agreement ("Agreement") is between the Washington Department of Ecology, the Lower Elwha Klallam Tribe, the Port Gamble S'Klallam Tribe, the Jamestown S'Klallam Tribe, the United States Fish and Wildlife Service on behalf of the Department of the Interior, and the National Oceanic and Atmospheric Administration (individually a "Trustee" and collectively "the Trustees"); and Rayonier Properties, LLC ("Rayonier"). The Trustees and Rayonier may hereinafter be collectively referred to as the "Parties" or individually as a "Party".

#### 1. BACKGROUND

Certain Trustees have been participating in the remedial investigation of the Port Angeles Harbor ("the Facility"), in Port Angeles, Washington, which includes the Rayonier Mill Site in Port Angeles, Washington ("the Site"), and all Trustees have been made aware of it; the Trustees have now formed a Trustee Council to investigate, assess and pursue resolution of natural resource damage claims associated with the Facility. As a result of releases of hazardous substances at the Site, it is possible that there has been or will be injury to, destruction of, loss of, or loss of use of natural resources. This Agreement provides the structure under which the Parties agree to conduct a cooperative Natural Resource Damage Assessment ("NRDA") and undertake actions as may be necessary or appropriate to provide for the restoration, rehabilitation, replacement, or acquisition of the equivalent of injured, destroyed, or lost natural resources and their services.

#### 2. GOALS AND OBJECTIVES

The Parties' goal for activities undertaken pursuant to this agreement will be the assessment of natural resource injuries in as efficient and cost-effective a manner as is reasonably practicable and settlement of the Trustees' Natural Resource Damages ("NRD") claims against Rayonier at the Facility without contested litigation. The objective of this process is a settlement addressing all of Rayonier's NRD liability for injury to natural resources associated with releases of hazardous substances from the Site. The Parties anticipate that the legal instrument for settlement shall be a consent decree and statement of work outlining a project or projects that would offset any agreed upon lost natural resource values.

#### 3. COOPERATIVE ASSESSMENT PROCESS

**3.1. Data Gap** – The Parties will attempt to analyze injury issues and estimate debit and credit values using existing data to the extent feasible and additional studies as necessary to address data gaps, if any. Where possible, data gaps will be filled using appropriate,

jointly agreed upon, scientifically-based assumptions rather than new studies, or with further technical studies as agreed to by the Parties. The Trustees reserve, as a matter of their due diligence obligations, the right to determine: (a) whether data gaps exist and (b) whether additional studies are necessary to address the data gaps.

- **3.2. Assessment Phases** The Parties anticipate that the process described above will be conducted in Assessment Phases. Prior to each Assessment Phase, the Parties will confer and attempt to reach agreement in the form of a Phase Plan that will become an attachment to this Agreement. The Phase Plan will include, but not be limited, to:
  - (a) Specific tasks to be undertaken as part of the phase;
  - (b) The estimated timeline for completion; and
  - (c) An agreed-upon budget.

An initial Phase Plan is attached hereto as Attachment 1. The goal of the Phase 1 work is to substantially complete the damage assessment phase of the project and to prepare to evaluate appropriate restoration options. The Parties will seek to reach agreement on additional attachments for subsequent phases of work.

The Parties have initiated, and will continue, technical discussions to identify resources of potential concern, and anticipate, without determining at this point, that the major focus of restoration will be to address potential injury through habitat creation, protection and/or enhancement. The Parties will make all reasonable efforts to complete this assessment process, with a goal of settlement, except for the public input and judicial approval requirements, by the end of 2013.

#### 4. COORDINATION AMONG THE PARTIES

- **4.1. Information Sharing** All data, analyses, and modeling results produced, collected, or developed by the Parties under this Agreement, including drafts, shall be fully and freely shared among the Parties as soon as reasonably practicable after they are produced, collected, or developed; provided that internal working documents and analyses, as well as data, writings, and modeling results that are protected by attorney-client or other applicable privilege shall not be subject to this requirement.
- **4.2. Outreach** The Trustees are required by law to give public notice and to solicit public review and comment during certain phases of the NRDA. Rayonier shall provide reasonable and necessary information and assistance to the Trustees for this requirement. The Trustees and Rayonier each reserve the right to provide information about releases at or from the Site and the NRDA process to the public. Rayonier will provide written notice to each Trustee prior to any documents developed under this Agreement being disseminated to the public.
- **4.3. Dispute Resolution** The Parties agree that all disputes arising from or related to this Agreement will be addressed by informal discussion among the Parties. If that does not

resolve the dispute, then the Parties may state their respective positions through a written exchange of letters. The Parties agree that the only relief or remedy that may be granted for any dispute arising from or related to this Agreement is withdrawal from the Agreement. Inclusion of this dispute resolution provision shall not be construed as a waiver of sovereign immunity by any of the Trustees.

#### 5. FUNDING

- **5.1. Agreement to Fund (General)** Rayonier agrees to pay the agreed-upon assessment costs to be incurred for activities undertaken pursuant to this Agreement. Reasonable assessment costs include, but are not limited to: labor, overhead, travel, and supplies related to work undertaken by staff, consultants, and contractors.
- **5.2.** Advance Funding Prior to the commencement of each Assessment Phase Rayonier will provide the Trustees with an advance lump sum payment in the amount of the agreed-upon budget laid out in the corresponding Phase Plan. Rayonier shall pay such amount within thirty (30) calendar days after the Parties reach agreement on each Phase Plan pursuant to Paragraph 3.2 of this Agreement. Such amount shall be used by the Trustees to cover reasonable assessment costs to implement the corresponding Phase Plan. Rayonier will make such payment in accordance with the instructions attached hereto as Exhibit A.
- **5.3. Accounting of Expenditures** At the conclusion of each Assessment Phase, each Trustee will provide Rayonier with an accounting of expenditures from the advanced funding for that Assessment Phase. Each Trustee will provide, at a minimum, a spreadsheet summarizing labor (hours and rates), travel costs, equipment costs, contractors' costs, indirect charges, overhead charges and miscellaneous expenses (e.g., supplies, overnight mail).
- **5.4. Additional Costs** The Trustees shall monitor progress under each Phase Plan on an ongoing basis in an effort to determine as early as possible during implementation of the Phase Plan whether the advance lump sum payment will be sufficient to complete the Phase Plan as agreed upon. If, prior to completion of a Phase Plan, the Trustees determine that the lump sum is likely to be insufficient to complete the Phase Plan as agreed upon, the Trustees will so inform Rayonier prior to incurring costs in excess of the lump sum. The Trustees shall provide Rayonier with a summary of costs already incurred under the Phase Plan in accordance with Paragraph 5.3 of this Agreement, and an estimate of additional funds reasonably necessary to complete the Phase Plan.

Within 21 calendar days of receiving the initial notice from the Trustees, Rayonier shall respond in writing either agreeing or declining to provide additional funding necessary to complete the agreed-upon Phase Plan. During this 21-day period, Rayonier may consult with the Trustees regarding the estimate of additional funds needed. If Rayonier provides to the Trustees timely written notice of its agreement to pay the additional agreed-upon amount, the Trustees shall proceed to complete the implementation of the Phase Plan, and Rayonier shall pay the agreed-upon additional amount within 21

calendar days of its agreement to do so pursuant to the instructions referred to in Paragraph 5.2 and attached hereto as Exhibit A.

All parties retain the right to terminate their participation in this agreement, or to perform independent assessment activities outside the scope of this agreement.

- **5.5.** Carryover Funds If any portion of an advance payment has not been expended at the completion of its corresponding Assessment Phase, such remaining amount shall be credited toward future work to be performed in a subsequent Assessment Phase. Should the Parties decide not to engage in additional Assessment Phases or apply the remaining amount to any ultimate NRD settlement, then such remaining amount will promptly be returned to Rayonier, so long as such action is permitted by applicable law. If a trustee is barred by law from returning some portion of the remaining amount, that amount shall be credited against any remaining NRD liability that Rayonier may be responsible for at the Facility.
- 5.6. Interim transaction costs Interim Transaction Costs are the costs incurred by the Trustees related to the cooperative assessment process from January 25, 2012, through June 30, 2012. Interim Transaction Costs include, but are not limited to, meetings and other communications among the Trustees and with Rayonier and its contractors, technical review of existing data related to the Port Angeles Harbor in general and the Rayonier Mill Site in particular, and the time spent drafting, reviewing and negotiating this Agreement and the Phase One Plan. The Trustees have incurred Interim Transaction Costs of \$202,138.11. Rayonier agrees to pay \$110,000 of the Interim Transaction Costs within 30 days of the Effective Date of this Agreement. The Trustees reserve their right to seek recovery of costs incurred prior to January 25, 2012, any unreimbursed Interim Transaction Costs, and other costs, including those that Trustees have incurred between June 30, 2012, and the Effective Date of this Agreement; Rayonier may dispute the Trustees' claim for those costs and reserves its defenses regarding such costs.

#### 6. MISCELLANEOUS PROVISIONS

**6.1. Reservation of Rights** – Nothing in this Agreement or in the course of any Parties' cooperation under this Agreement, is intended nor shall be construed as a waiver by any of the Parties of its rights, defenses, privileges or affirmative claims in any proceeding related to NRD liability arising from the release of hazardous substances at the Facility. Nor shall anything in this Agreement be construed as a waiver of the sovereign immunity by any of the Trustees, or a submission to jurisdiction by Rayonier. This Agreement does not release Rayonier from any potential NRD liability except the liability for actual amounts of reasonable assessment costs paid by Rayonier under this Agreement.

Nothing in this Agreement is intended, nor shall be interpreted, to limit the scope of the NRDA appropriate for the Facility or to otherwise restrict or abrogate the authority or discretion of the Trustees to determine the scope of the NRDA.

- **6.2. Expenditures of Funds** Nothing in this Agreement shall be construed as obligating the Trustees or their officers, agents or employees to expend any funds in excess of appropriations authorized by law.
- **6.3. Modification, Termination and Withdrawal** Any modification of this Agreement or its Attachment(s) must be in writing and shall be effective upon execution by all of the Parties.

This is a voluntary Agreement, and nothing in this Agreement shall be construed as obligating the Parties to continue working together if the Parties have determined that they can no longer do so productively. Any party may terminate its participation in this Agreement at any time by giving 30 days written notice to all Parties.

**6.4. Notice** – Notice required or authorized under this Agreement shall be sent to the following representatives of the Parties:

For Rayonier Properties, LLC

Mark W. Schneider Perkins Coie, LLP 1201 Third Avenue, Suite 4900 Seattle, WA 98101-3099 mwschneider@perkinscoie.com

For the Trustees:

Jamestown S'Klallam Tribe

Hong N. Huynh Miller Nash LLP 111 SW Fifth Ave, Suite 3500 Portland, OR 97204 hong.huynh@millernash.com

Douglas Sellon
Executive Director
Jamestown S'Klallam Tribe
Economic Development Authority
257 Business Park Loop
Sequim, WA 98382
dsellon@jamestowntribe.org

#### Lower Elwha Klallam Tribe

Stephen H. Suagee Office of General Counsel Lower Elwha Klallam Tribe 2851 Lower Elwha Road Port Angeles, WA 98363 steve.suagee@elwha.nsn.us

Matt Beirne Environmental Coordinator Lower Elwha Klallam Tribe 51 Hatchery Road Port Angeles, WA 98363 matt.beirne@elwha.nsn.us

#### National Oceanic and Atmospheric Administration

Robert Neely
NOAA Office of Response and Restoration
NOAA Western Region Center
7600 Sand Point Way NE
Building 1 DARC Suite
Seattle, WA 98115
robert.neely@noaa.gov

Ericka M. Hailstocke-Johnson Office of General Counsel, Natural Resources Section 501 West Ocean Boulevard, Suite 4470 Long Beach, CA 90802 Ericka.Hailstocke-Johnson@noaa.gov

#### Port Gamble S'Klallam Tribe

Roma Call, Environmental Coordinator Port Gamble S'Klallam Tribe 31912 Little Boston Road NE Kingston, WA 98346 romac@pgst.nsn.us

Gina Stevens, Tribal Attorney Port Gamble S'Klallam Tribe 31912 Little Boston Road NE Kingston, WA 98346 ginab@pgst.nsn.us

#### United States Fish and Wildlife Service

Jeff Krausmann - Fish and Wildlife Biologist Washington Fish and Wildlife Office 510 Desmond Drive SE, Suite 102 Lacey, Washington 98503-1263 jeff\_krausmann@fivs.gov

Brad Grenham
Office of the Regional Solicitor
U.S. Department of the Interior
805 SW Broadway, Suite 600
Portland, OR 97205
brad.grenham@sol.doi.gov

Washington Department of Ecology

Rebecca S. Lawson, P.E., LHG Washington Department of Ecology SWRO Toxics Cleanup Program P.O. Box 47775 Olympia, WA 98504-7775 Rebecca Lawson@ecy.wa.gov

IN 103, Washington 98503-1263

6.5. Effective Date of Agreement – This Agreement may be executed in counterparts and in facsimile. The Effective Date for this Agreement shall be the date the Agreement has been signed by all of the Parties.

	rela farmas on (§) five cov
National	Oceanic and Atmospheric Administration
-	July 2011
By:	Office of the Regional Solicitor
Its:	Spiriol Cousa
Date:	5 20 chammaschdei 100
	hashing on Department of Ecology
For:	United States Fish and Wildlife Service Rebecca S. Lawson, P.B., LIIG
By:	Washington Department of Ecology
· •.	SWRO Toxics Clearup Program.
Its:	P.O. Box 47775 Olympia, WA 98504-7775
Date:	Pabenca Lawson ideny wa gire

Funding and Participation Agreement - Rayonier and Port Angeles Harbor Trustees
Page 7 of 8

IN I distribute the end Agreement - This Agreement roay be expected as established a firm of the million

retnic marmospheric administration

#### United States Fish and Wildlife Service

Jeff Krausmann - Fish and Wildlife Biologist Washington Fish and Wildlife Office 510 Desmond Drive SE, Suite 102 Lacey, Washington 98503-1263 jeff krausmann@fws.gov

Brad Grenham
Office of the Regional Solicitor
U.S. Department of the Interior
805 SW Broadway, Suite 600
Portland, OR 97205
brad.grenham@sol.doi.gov

Washington Department of Ecology

Rebecca S. Lawson, P.E., LHG Washington Department of Ecology SWRO Toxics Cleanup Program P.O. Box 47775 Olympia, WA 98504-7775 Rebecca.Lawson@ecy.wa.gov

**6.5.** Effective Date of Agreement – This Agreement may be executed in counterparts and in facsimile. The Effective Date for this Agreement shall be the date the Agreement has been signed by all of the Parties.

	100 1 00 00 00 00 00 00 00 00 00 00 00 0
By:	
Its:	
Date:	
For:	United States Fish and Wildlife Service
Ву:	Norm Thorson
Its:	The Authorized Official for the U.S. Department of the Interior
Date:	6-6-2013

National Oceanic and Atmospheric Administration

Funding and Participation Agreement - Rayonier and Port Angeles Harbor Trustees Page 7 of 8

For:	Washington Department of Ecology
Ву:	Roberta S. Laura
Its:	SWRO TEP Section Manag
Date:	5/24/2013
For:	Lower Elwha Klallam Tribe
By:	·
Its:	
Date:	
For:	Port Gamble S'Klallam Tribe
By:	
Its:	
Date:	
For:	Jamestown S'Klallam Tribe
By:	
Its:	
Date:	
For:	Rayonier Properties, LLC
By:	
Its:	
Date:	

For:	Washington Department of Ecology
By:	
Its:	
Date:	
For:	Lower Elwha Klallam Tribe
By:	Francis B. Charle
Its:	Chairperson
Date:	May 28, 2013
For:	Port Gamble S'Klallam Tribe
By:	
Its:	
Date:	
For:	Jamestown S'Klallam Tribe
By:	
Its:	
Date:	
For:	Rayonier Properties, LLC
By:	
Its:	
Date	

Funding and Participation Agreement - Rayonier and Port Angeles Harbor Trustees Page 8 of 8

For:	Washington Department of Ecology
By:	
Its:	
Date:	-
For:	Lower Elwha Klallam Tribe
By:	
Its:	
Date:	
For:	Port Gamble S'Klallam Tribe
By:	hph.
Its:	Chairman
Date:	May 29, 2013
For:	Jamestown S'Klallam Tribe
By:	
Its:	
Date:	
For:	Rayonier Properties, LLC
By:	
Its:	
Date:	

Funding and Participation Agreement - Rayonier and Port Angeles Harbor Trustees Page 8 of 8

For:	Washington Department of Ecology
By:	
Its:	
Date:	
For:	Lower Elwha Klallam Tribe
By:	
Its:	
Date:	
For:	Port Gamble S'Klallam Tribe
By:	
Its:	
Date:	
For:	Jamestown S'Klallam Tribe
By:	W. Ta Alla
Its:	Chairman/CEO
Date:	May 27, 2013
For:	Rayonier Properties, LLC
By:	, , , , , , , , , , , , , , , , , , , ,
Its:	
Date:	

For:	Washington Department of Ecology
By:	
Its:	
Date:	
For:	Lower Elwha Klallam Tribe
By:	
Its:	
Date:	
For:	Port Gamble S'Klallam Tribe
By:	
Its:	
Date:	
For:	Jamestown S'Klallam Tribe
By:	
Its:	
Date:	
For:	Rayonier Properties, LLC
By:	11 Hz
Its:	Genin Vice Arm It
Date:	5-30.13

### **Natural Resource Damage Assessment and Restoration Fund**

#### **Assessment and Settlement Deposit Remittance Procedures**

The Department of Interior's National Business Center (NBC) has established procedures with the Department of Treasury to provide two electronic options for remitting payments to the Natural Resource Damage Assessment and Restoration Fund. Procedures for using these processes are attached.

The preferred electronic method is the Department of Treasury's Automated Clearing House (ACH)/Remittance Express. If your bank does not have ACH deposit transmission capabilities, then Treasury's Federal Wire (FedWire) Transfer procedure is the required alternative. Use the attached forms to assist in preparing your remittance.

All remitters are encouraged to use these electronic methods. Nonelectronic remittances (checks) are acceptable as well, and <u>should be</u> <u>payable to the Department of Interior</u> and forwarded to:

DOI Restoration Fund
NBC Division of Financial Management Services
Branch of Accounting Operations
Attn: Collection Officer
Mail Stop D-2770
7401 West Mansfield Ave.
Lakewood, CO 80235

Please reference "NRDA 14X5198" and the site name on check or transmittal letter

### **Natural Resource Damage Assessment and Restoration Fund**

#### **Assessment and Settlement Deposit Remittance Procedures**

In order to accomplish electronic transfers, in addition to other settlement or billing information, please provide the following information to the remitter:

**Preferred method of electronic transfer:** Automated Clearing House (ACH)

**Receiver name:** DOI Restoration Fund

ALC 14010001

**Receiver Tax ID Number:** 53-0196949

**Receiver address:** 7401 West Mansfield Ave.

Mailstop D-2770

Lakewood, CO 80235

**Receiver bank:** 

Federal Reserve Bank New York, NY

ABA # 051036706

**Receiver ACH Account No.:** 312024 (See Attachment I-3)

**Receiver Fedwire Acct No.:** Treasury NYC 021030004 (To be used only for Fedwire transfers) (See Attachment I-4)

Payment Related Data: Should at a minimum reference site location

Attachments I-3 and I-4 provide more technical specifics which can be provided to the remitter's banking institution. Questions concerning electronic deposit procedures should be directed to Thanh Le at (303) 969-5538, or Trang Nguyen at (303) 969-5651.

### **Natural Resource Damage Assessment and Restoration Fund**

#### **Assessment and Settlement Deposit Remittance Procedures**

The following information is provided to assist Remitters in giving complete and accurate data to their financial institution for use in originating Automated Clearing House payments. The industry name for the following format is CCD+.

#### **ACH CCD+ Format**

Data Element Name	Contents	Size	Position
Record Type Code	<b>'6'</b>	1	01-01
Transaction Code	<b>'22'</b>	2	02-03
Receiving ABA	<i>'05103670'</i>	8	04-11
Check Digit	<b>'6'</b>	1	12-12
Account Number	<i>'312024'</i>	17	13-29
Payment Amount		12	30-41
Identification #		13	42-54
Receiver Name	DOI Restoration Fund	22	22-76
Discretionary	N/A	2	77-78
Addenda Indicator	'2'	1	79-79
Trace Number	Assigned by Remitters Bank	15	80-94

#### **ACH Addenda Record Format**

<b>Data Element Name</b>	Contents	Size	Position
Record Type Code	'7'	1	01-01
Addenda Type Code	'05'	2	02-03
<b>Payment Related</b>		80	04-83
Sequence Number	'0001'	4	84-87
Addenda Trace	Assigned by Remitters Bank	17	88-94

The data items in bold must be provided to the bank by the Remitter. Those items bolded and italicized must be provided verbatim. The **Payment Amount** is the judgement or settlement amount being remitted; dollars and cents must be separated by a decimal point, do not use commas or any other punctuation. The **Identification Number** is the case Court Number. The **Payment Related** data should include the paying potentially responsible party(ies) name, site or case name and site location.

Attachment I-3

### **Natural Resource Damage Assessment and Restoration Fund**

### **Assessment and Settlement Deposit Remittance Procedures**

#### Federal Wire (FedWire) Transfer

The following information is provided to assist Remitters in giving complete and accurate data to their financial institution for use in originating FedWire payments (**in the event ACH is not available**). The industry name for the following format is FedWire Transfer Format.

#### **Required Fields and Tags**

Field Tag Name	Field Tag Number	Field Tag Contents
Message Disposition	(1100)	Assigned by Federal Reserve Bank
Acceptance Time Stamp	(1110)	Assigned by Federal Reserve Bank
OMAD	(1120)	Assigned by Federal Reserve Bank
IMAD	(1520)	Assigned by Remitters Bank
Amount	(2000)	
Sender FI	(3100)	Assigned by Remitters Bank
Sender Reference	(3320)	Assigned by Remitters Bank
Receiver FI	(3400)	'Treasury NYC 021030004'
Beneficiary	(4200)	DOI Restoration Fund
		ALC 14010001'
Ref for Beneficiary	(4320)	
Originator	(5000)	
Originator Financial Institution	(5100)	Assigned by Remitters Bank
Orig to Beneficiary	(6000)	

The data items in bold must be provided to the bank by the Remitter. Those bolded and italicized must be provided verbatim. The **Amount** is the judgement or settlement amount being remitted; dollars and cents must be separated by a decimal point, do not use commas or any other punctuation. The **Reference for Beneficiary** is the case Court Number. **Originator** is the paying potentially responsible party(ies). **Originator to Beneficiary** should include the site or case name and site location.

# Port Angeles Harbor Attachment 1 - Phase 1 Budget and All Phase Timeline Page 1 of 2

				Т									П
.7	Task	Tack Description	2012			NOAA	[	OOI/FWS	١	WA/ECY		LEKT	
V	TUSK	Task Description	JAN		HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS
	0.0	Ongoing Trustee Council costs			140	\$22,141	64	\$7,680	198	\$21,261	195	\$21,813	64
	1.0	Agree on data universe and injury metrics			4	\$633	1	\$120	6	\$644	4	\$447	1
	1.1	Determine relative habitat/species values			7	\$1,107	1	\$120	8	\$859	2	\$224	0
	1.2	Gather habitat data			6	\$949	6	\$720	8	\$859	7	\$783	0
	1.3	Determine injury levels			6	\$949	9	\$1,080	12	\$1,289	6	\$671	0
	1.4	Determine chemicals of concern			7	\$1,107	6	\$720	8	\$859	6	\$671	0
	1.5	Determine assessment boundaries			7	\$1,107	5	\$600	13	\$1,396	7	\$783	4
	2.0	Generate Preassessment Screen			5	\$791	1	\$120	0	\$0	4	\$447	5
	2.1	Finalize Preassessment Screen			6	\$949	13	\$1,560	28	\$3,007	4	\$447	8
	3.0	Gather and finalize contaminant database			13	\$2,056	8	\$960	8	\$859	4	\$447	0
	3.1	Determine data usage parameters			30	\$4,744	11	\$1,320	8	\$859	11	\$1,230	3
	3.2	QA QC contaminant data			33	\$5,219	12	\$1,440	12	\$1,289	7	\$783	6
	3.3	Gather dredging data			0	\$0	12	\$1,440	8	\$859	6	\$671	0
	4.0	Injury modeling and sevice loss analysis			58	\$9,173	29	\$3,480	18	\$1,933	17	\$1,902	0
	4.1	Review literature derived models			8	\$1,265	21	\$2,520	8	\$859	14	\$1,566	0
	4.2	Review bioaccumulative models			5	\$791	21	\$2,520	8	\$859	12	\$1,342	0
	4.3	Select toxicity data for service losses <sup>1</sup>			28	\$4,428	21	\$2,520	8	\$859	12	\$1,342	0
	7.0	Rank the restoration project <sup>1</sup>			6	\$949	4	\$480	2	\$215	8	\$895	7
	7.1	Determine measures of impairment <sup>1</sup>			6	\$949	4	\$480	4	\$430	6	\$671	8
	7.2	Assign values for restoration project <sup>1</sup>			6	\$949	4	\$480	2	\$215	5	\$559	6
					381	\$60,254	253	\$30,360	367	\$39,408	337	\$37,696	112
		<sup>1</sup> - Partial budget submitted for this task. Task								_			
	Note 1	continues into next phase.											
		·		十									
													1

# Port Angeles Harbor Attachment 1 - Phase 1 Budget and All Phase Timeline Page 2 of 2

Task   Task Description   S	2013 2013 JUN JUL	2013 2013 AUG SEP
S		
0.0         Ongoing Trustee Council costs         \$6,882         64         \$5,594         725         \$85,370           1.0         Agree on data universe and injury metrics         \$108         0         \$0         157         \$19,234           1.1         Determine relative habitat/species values         \$0         0         \$0           1.2         Gather habitat data         \$0         0         \$0           1.3         Determine injury levels         \$0         0         \$0           1.4         Determine chemicals of concern         \$0         \$0           1.4         Determine assessment boundaries         \$430         0         \$0           2.0         Generate Preassessment Screen         \$538         0         \$0         74         \$8,719           2.1         Finalize Preassessment Screen         \$860         0         \$0         \$0           3.0         Gather and finalize contaminant database         \$0         \$0         \$0         \$0           3.1         Determine data usage parameters         \$323         0         \$0         \$0           3.2         QA QC contaminant data         \$645         0         \$0         \$0           3.3         Gather dredgin	JON JOL	AUG SEP
1.0       Agree on data universe and injury metrics       \$108       0       \$0       157       \$19,234         1.1       Determine relative habitat/species values       \$0       0       \$0         1.2       Gather habitat data       \$0       0       \$0         1.3       Determine injury levels       \$0       0       \$0         1.4       Determine chemicals of concern       \$0       0       \$0         1.5       Determine assessment boundaries       \$430       0       \$0         2.0       Generate Preassessment Screen       \$538       0       \$0       74       \$8,719         2.1       Finalize Preassessment Screen       \$860       0       \$0       \$0       \$0         3.0       Gather and finalize contaminant database       \$0       \$0       \$0       \$192       \$25,145         3.1       Determine data usage parameters       \$323       0       \$0         3.2       QA QC contaminant data       \$645       0       \$0         3.3       Gather dredging data       \$0       \$0       \$0         4.0       Injury modeling and sevice loss analysis       \$0       \$0       \$0         4.1       Review bioaccumulative models <th></th> <th></th>		
1.1       Determine relative habitat/species values       \$0       \$0       \$0         1.2       Gather habitat data       \$0       0       \$0         1.3       Determine injury levels       \$0       0       \$0         1.4       Determine chemicals of concern       \$0       0       \$0         1.5       Determine assessment boundaries       \$430       0       \$0         2.0       Generate Preassessment Screen       \$538       0       \$0       74       \$8,719         2.1       Finalize Preassessment Screen       \$860       0       \$0       \$0         3.0       Gather and finalize contaminant database       \$0       0       \$0       \$25,145         3.1       Determine data usage parameters       \$323       0       \$0       \$0         3.2       QA QC contaminant data       \$645       0       \$0       \$0         3.3       Gather dredging data       \$0       \$0       \$0       \$0         4.0       Injury modeling and sevice loss analysis       \$0       \$0       \$0       \$0         4.1       Review literature derived models       \$0       \$0       \$0       \$0         4.2       Review bioaccumulative models <td></td> <td></td>		
1.2       Gather habitat data       \$0       \$0       \$0         1.3       Determine injury levels       \$0       \$0       \$0         1.4       Determine chemicals of concern       \$0       0       \$0         1.5       Determine assessment boundaries       \$430       0       \$0         2.0       Generate Preassessment Screen       \$538       0       \$0       74       \$8,719         2.1       Finalize Preassessment Screen       \$860       0       \$0       \$0         3.0       Gather and finalize contaminant database       \$0       0       \$0       \$192       \$25,145         3.1       Determine data usage parameters       \$323       0       \$0       \$0         3.2       QA QC contaminant data       \$645       0       \$0       \$0         3.3       Gather dredging data       \$0       \$0       \$0         4.0       Injury modeling and sevice loss analysis       \$0       \$0       \$288       \$37,359         4.1       Review literature derived models       \$0       \$0       \$0         4.2       Review bioaccumulative models       \$0       \$0       \$0		
1.3       Determine injury levels       \$0       0       \$0         1.4       Determine chemicals of concern       \$0       0       \$0         1.5       Determine assessment boundaries       \$430       0       \$0         2.0       Generate Preassessment Screen       \$538       0       \$0       74       \$8,719         2.1       Finalize Preassessment Screen       \$860       0       \$0       \$0         3.0       Gather and finalize contaminant database       \$0       \$0       \$192       \$25,145         3.1       Determine data usage parameters       \$323       0       \$0         3.2       QA QC contaminant data       \$645       0       \$0         3.3       Gather dredging data       \$0       \$0       \$0         4.0       Injury modeling and sevice loss analysis       \$0       \$0       \$0         4.1       Review literature derived models       \$0       \$0       \$0         4.2       Review bioaccumulative models       \$0       \$0       \$0		
1.4       Determine chemicals of concern       \$0       0       \$0         1.5       Determine assessment boundaries       \$430       0       \$0         2.0       Generate Preassessment Screen       \$538       0       \$0       74       \$8,719         2.1       Finalize Preassessment Screen       \$860       0       \$0       \$0         3.0       Gather and finalize contaminant database       \$0       0       \$0       \$192       \$25,145         3.1       Determine data usage parameters       \$323       0       \$0       \$0         3.2       QA QC contaminant data       \$645       0       \$0         3.3       Gather dredging data       \$0       0       \$0         4.0       Injury modeling and sevice loss analysis       \$0       \$0       288       \$37,359         4.1       Review literature derived models       \$0       \$0       \$0         4.2       Review bioaccumulative models       \$0       \$0       \$0		
1.5       Determine assessment boundaries       \$430       0       \$0         2.0       Generate Preassessment Screen       \$538       0       \$0       74       \$8,719         2.1       Finalize Preassessment Screen       \$860       0       \$0       \$0         3.0       Gather and finalize contaminant database       \$0       0       \$0       \$25,145         3.1       Determine data usage parameters       \$323       0       \$0         3.2       QA QC contaminant data       \$645       0       \$0         3.3       Gather dredging data       \$0       0       \$0         4.0       Injury modeling and sevice loss analysis       \$0       0       \$0         4.1       Review literature derived models       \$0       \$0         4.2       Review bioaccumulative models       \$0       \$0		
2.0       Generate Preassessment Screen       \$538       0       \$0       74       \$8,719         2.1       Finalize Preassessment Screen       \$860       0       \$0       \$0         3.0       Gather and finalize contaminant database       \$0       0       \$0       192       \$25,145         3.1       Determine data usage parameters       \$323       0       \$0         3.2       QA QC contaminant data       \$645       0       \$0         3.3       Gather dredging data       \$0       0       \$0         4.0       Injury modeling and sevice loss analysis       \$0       0       \$0         4.1       Review literature derived models       \$0       \$0         4.2       Review bioaccumulative models       \$0       \$0		
2.1 Finalize Preassessment Screen       \$860       0       \$0         3.0 Gather and finalize contaminant database       \$0       0       \$0       192       \$25,145         3.1 Determine data usage parameters       \$323       0       \$0         3.2 QA QC contaminant data       \$645       0       \$0         3.3 Gather dredging data       \$0       0       \$0         4.0 Injury modeling and sevice loss analysis       \$0       0       \$0         4.1 Review literature derived models       \$0       0       \$0         4.2 Review bioaccumulative models       \$0       0       \$0		
3.0       Gather and finalize contaminant database       \$0       0       \$0       192       \$25,145         3.1       Determine data usage parameters       \$323       0       \$0         3.2       QA QC contaminant data       \$645       0       \$0         3.3       Gather dredging data       \$0       0       \$0         4.0       Injury modeling and sevice loss analysis       \$0       0       \$0       288       \$37,359         4.1       Review literature derived models       \$0       0       \$0       \$0         4.2       Review bioaccumulative models       \$0       0       \$0		
3.1       Determine data usage parameters       \$323       0       \$0         3.2       QA QC contaminant data       \$645       0       \$0         3.3       Gather dredging data       \$0       0       \$0         4.0       Injury modeling and sevice loss analysis       \$0       0       \$0       288       \$37,359         4.1       Review literature derived models       \$0       0       \$0         4.2       Review bioaccumulative models       \$0       \$0       \$0		
3.2       QA QC contaminant data       \$645       0       \$0         3.3       Gather dredging data       \$0       0       \$0         4.0       Injury modeling and sevice loss analysis       \$0       0       \$0       288       \$37,359         4.1       Review literature derived models       \$0       0       \$0         4.2       Review bioaccumulative models       \$0       \$0		
3.3 Gather dredging data \$0 0 \$0  4.0 Injury modeling and sevice loss analysis \$0 0 \$0 288 \$37,359  4.1 Review literature derived models \$0 0 \$0  4.2 Review bioaccumulative models \$0 0 \$0		
4.0Injury modeling and sevice loss analysis\$00\$0288\$37,3594.1Review literature derived models\$00\$04.2Review bioaccumulative models\$00\$0		
4.1 Review literature derived models \$0 0 \$0 4.2 Review bioaccumulative models \$0 0 \$0		
4.2 Review bioaccumulative models \$0 0 \$0		
4.3 Select toxicity data for service losses \$0 0 \$0		
7.0 Rank the restoration project \$753 0 \$0 78 \$9,529		
7.1 Determine measures of impairment \$860 0 \$0		
7.2 Assign values for restoration project \$645 0 \$0		
7.2 Assign values for restoration project 9043 0 30		
\$12,043 64 \$5,594 1514 \$185,356		
<sup>1</sup> - Partial budget submitted for this task. Task		
Note 1 continues into next phase.		
	<del></del>	

# Addendum No. 1 Natural Resource Damage Assessment Funding and Participation Agreement

## Port Angeles Harbor Natural Resources Trustees And Rayonier A. M. Properties, LLC\*

In accordance with Paragraph 3.2 of the Funding and Participation Agreement of May 30, 2013, between the Port Angeles Harbor Natural Resources Trustees ("Trustees") and Rayonier A. M. Properties, LLC ("Rayonier A. M."), the Parties hereby approve the attached budget for Phase 1A of the cooperative assessment process in the amount of \$21,963.64, under which the Trustees will complete Tasks 1 through 4 as identified therein. Rayonier A. M. shall pay this amount promptly upon execution of this Addendum No. 1.

EXECUTED by the Parties on the dates indicated below.

For:	National Oceanic and Atmospheric Administration
By: Its: Date:	Katherini a. Plase for Craig R. O'Connor  11/23/14  United States Fish and Wildlife Service
TOI.	Office Buttes Fish and Whathe Service
By:	
Its:	
Date:	
For:	Washington Department of Ecology
By:	
Its:	
Date:	

Addendum No. 1 – Funding and Participation Agreement Page 1 of 2

## Addendum No. 1 Natural Resource Damage Assessment Funding and Participation Agreement

# Port Angeles Harbor Natural Resources Trustees And Rayonier Properties, LLC

In accordance with Paragraph 3.2 of the Funding and Participation Agreement of May 30, 2013, between the Port Angeles Harbor Natural Resources Trustees ("Trustees") and Rayonier Properties, LLC ("Rayonier"), the Parties hereby approve the attached budget for Phase 1A of the cooperative assessment process in the amount of \$21,963.64, under which the Trustees will complete Tasks 1 through 4 as identified therein. Rayonier shall pay this amount promptly upon execution of this Addendum No. 1.

EXECUTED by the Parties on the dates indicated below.

For:	National Oceanic and Atmospheric Administration
Ву:	
Its:	·
Date:	
For:	United States Fish and Wildlife Service
Ву:	Nohin Thousan
Its:	The Authorized Official for the Department of the Interior
Date:	DEC 11 2014
For:	Washington Department of Ecology
Ву:	
Its:	
Date:	

Addendum No. 1 – Funding and Participation Agreement Page 1 of 2

# Addendum No. 1 Natural Resource Damage Assessment Funding and Participation Agreement

## Port Angeles Harbor Natural Resources Trustees And Rayonier A. M. Properties, LLC\*

In accordance with Paragraph 3.2 of the Funding and Participation Agreement of May 30, 2013, between the Port Angeles Harbor Natural Resources Trustees ("Trustees") and Rayonicr A. M. Properties, LLC ("Rayonier A. M."), the Parties hereby approve the attached budget for Phase-1A of the cooperative assessment process in the amount of \$21,963.64, under which the Trustees will complete Tasks 1 through 4 as identified therein. Rayonier A. M. shall pay this amount promptly upon execution of this Addendum No. 1.

EXECUTED by the Parties on the dates indicated below.

For:	National Oceanic and Atmospheric Administration
Ву:	
lts:	<u> </u>
Date:	· · · · · · · · · · · · · · · · · · ·
For:	United States Fish and Wildlife Service
By:	
Its:	
Date:	
For:	Washington Department of Ecology
Ву:	Rebecca S. Lawson
Its:	PEGIONAL SECTION MANAGER
Date:	11/25/14

Addendum No. 1 – Funding and Participation Agreement Page 1 of 2

For:	Lower Elwha Kiallam Tribe
By:	Florens Charles
lts:	Trebal Chickenson
Date:	11.19.14
For:	Port Gamble S'Klallam Tribe
Ву:	
lts:	
Date:	· ·
For:	Jamestown S'Klallam Tribe
Ву:	Mary Mon
Its:	FDA TX DIVECTOR
Date:	11/21/14
For:	Rayonicr A.M. Properties, LLC*
Ву:	May
Its;	344
Date:	11019.14

Addendum No. 1 – Funding and Participation Agreement Page 2 of 2

<sup>\*</sup>The name of "Rayonier Properties, LLC" was changed to "Rayonier A. M. Properties, LLC" on June 17, 2014.

For:	Lower Elwha Klallam Tribe
Ву:	Frances G. Charles
Its:	Chairwoman
Date:	11/19/14
For:	Port Gamble S'Klallam Tribe
Ву:	Chairman Chairman
Its:	Chairman
Date:	11-25-14
For:	Jamestown S'Klallam Tribe
Ву:	
Its:	1-
Date:	
For:	Rayonier A.M. Properties, LLC*
By: Its:	M/S/fa
Date:	11019.14

<sup>\*</sup>The name of "Rayonier Properties, LLC" was changed to "Rayonier A. M. Properties, LLC" on June 17, 2014.

								NC	)AA			
V	Phase	Task	Task Description			Ericka		Neely	C	Cereghino	Т	OTALS
	riiuse	TUSK	ταςκ σεςτηριστί	Н	IRS	\$	HRS	\$	HRS	\$	HRS	\$
		0.0	Ongoing Trustee Council costs	1	10	\$1,171.60	6	\$1,198.92	6	\$598.92	22	\$2,969.44
	1A	1.0	Clarify TCDD Initial Service Loss Calculation Methods		0	\$0.00	1	\$199.82	0	\$0.00	1	\$199.82
	1A	1.0	Establish TCDD Initital Service Loss Range		0	\$0.00	1	\$199.82	0	\$0.00	1	\$199.82
	1A	1.2	Review Supporting Technical Information		0	\$0.00	4	\$799.28	0	\$0.00	4	\$799.28
	1A	1.3	Run Models / Refine Service Loss Range		0	\$0.00	1	\$199.82	0	\$0.00	1	\$199.82
	1A	2.0	Assign values for restoration project(s)		0	\$0.00	1	\$199.82	6	\$598.92	7	\$798.74
	1A	3.0	Develop Tech Memos for decision points		0	\$0.00	4	\$799.28	4	\$399.28	8	\$1,198.56
	1A		Travel			\$1,350.00		\$150.00		\$150.00		\$1,650.00
			Grand Total (\$)	1	10	\$2,521.60	18	\$3,746.76	16	\$1,747.12	44	\$8,015.48
			\$21,963.64									

	Ecology																	
	Lawson	Groven			Striplin		Thompson TOT					Suagee		Beirne	В	eckley	1	OTALS
HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$		HRS	\$	HRS	\$	HRS	\$	HRS	\$
6	\$781.62	6	\$774.06	6	\$651.36	6	\$764.94	24	\$2,971.98		2	\$223.24	6	\$313.74	2	\$320.00	10	\$856.98
0	\$0.00	0	\$0.00	2	\$217.12	0	\$0.00	2	\$217.12		0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
0	\$0.00	0	\$0.00	2	\$217.12	0	\$0.00	2	\$217.12		0	\$0.00	4	\$209.16	2	\$320.00	6	\$529.16
0	\$0.00	0	\$0.00	2	\$217.12	0	\$0.00	2	\$217.12		0	\$0.00	4	\$209.16	0	\$0.00	4	\$209.16
0	\$0.00	0	\$0.00	4	\$434.24	0	\$0.00	4	\$434.24		0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
0	\$0.00	0	\$0.00	2	\$217.12	0	\$0.00	2	\$217.12		0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
2	\$260.54	2	\$258.02	2	\$217.12	2	\$254.98	8	\$990.66		0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
	\$0.00		\$0.00		\$0.00		\$0.00		\$0.00			\$203.00		\$274.00		\$0.00		\$477.00
8	\$1,042.16	8	\$1,032.08	20	\$2,171.20	8	\$1,019.92	44	\$5,265.36		2	\$426.24	14	\$1,006.06	4	\$640.00	20	\$2,072.30

			I	DOI				Jamestown									Po	ort Gamble		
	Krausmann		Carlson	G	renham	1	TOTALS		Sellon	Chitwood			TOTALS		С	'Rourke		Call	TOTALS	
HR	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$		HRS	\$	HRS	\$	HRS	\$
7	\$784.00	6	\$486.00	1	\$120.00	14	\$1,390.00	3	\$241.50	6	\$474.00	9	\$715.50		4	\$253.00	6	\$474.00	10	\$727.00
2	\$224.00	2	\$162.00	0	\$0.00	4	\$386.00	0	\$0.00	0	\$0.00	0	\$0.00		0	\$0.00	0	\$0.00	0	\$0.00
2	\$224.00	2	\$162.00	0	\$0.00	4	\$386.00	0	\$0.00	0	\$0.00	0	\$0.00		0	\$0.00	0	\$0.00	0	\$0.00
3	\$336.00	6	\$486.00	0	\$0.00	9	\$822.00	0	\$0.00	0	\$0.00	0	\$0.00		0	\$0.00	0	\$0.00	0	\$0.00
0	\$0.00	6	\$486.00	0	\$0.00	6	\$486.00	0	\$0.00	0	\$0.00	0	\$0.00		0	\$0.00	0	\$0.00	0	\$0.00
1	\$112.00	2	\$162.00	0	\$0.00	3	\$274.00	0	\$0.00	0	\$0.00	0	\$0.00		0	\$0.00	0	\$0.00	0	\$0.00
5	\$560.00	4	\$324.00	2	\$240.00	11	\$1,124.00	0	\$0.00	0	\$0.00	0	\$0.00		0	\$0.00	0	\$0.00	0	\$0.00
	\$0.00		\$0.00		\$0.00		\$0.00		\$150.00		\$150.00		\$300.00			\$0.00		\$0.00		\$0.00
20	\$2,240.00	28	\$2,268.00	3	\$360.00	51	\$4,868.00	3	\$391.50	6	\$624.00	9	\$1,015.50		4	\$253.00	6	\$474.00	10	\$727.00

)
)
5
5
5
2
)
4

# Addendum No. 2 Natural Resource Damage Assessment Funding and Participation Agreement

## Port Angeles Harbor Natural Resources Trustees And Rayonier A. M. Properties, LLC\*

In accordance with Paragraph 3.2 of the Funding and Participation Agreement of May 30, 2013, between the Port Angeles Harbor Natural Resources Trustees ("Trustees") and Rayonier A. M. Properties, LLC ("Rayonier A. M."), the Parties hereby approve the attached budget for Phases 2 and 3 of the cooperative assessment process in the amount of \$313,757.00, under which the Trustees will complete Tasks 5 through 8 as identified therein. This Addendum No. 2 covers all work necessary to be performed, after the date of execution hereof, to calculate natural resource injury and credits for the Study Area and central harbor area, including credits for removal of the dock and jetty, as well as to develop the draft Damage Assessment and Restoration Plan (DARP), but will not cover work to be performed or costs to be incurred for the development and negotiation of a consent decree or the work associated with finalizing the DARP.

Rayonier A. M. may pay the above amount in two installments: the first in the amount of \$100,000.00 as promptly as possible after execution of this Addendum, and the second in the amount of \$213,757.00 after the beginning of calendar year 2015 upon reasonable written request of the Trustees and in no case later than April 15, 2015. No costs related to work conducted under this Addendum shall be incurred in the absence of advance funding; in the event the Trustees exhaust the funds from the first installment, they shall stop work until receipt of the second installment.

EXECUTED by the Parties on the dates indicated below.

For:	National Oceanic and Atmospheric Admir	nistration
By:	Latherini a. Reasi	Date: 11/23/14
Its:	for Craig R.O'Connor	
For:	United States Fish and Wildlife Service	
By:		Date:
Its:		

# Addendum No. 2 Natural Resource Damage Assessment Funding and Participation Agreement

# Port Angeles Harbor Natural Resources Trustees And Rayonier Properties, LLC

In accordance with Paragraph 3.2 of the Funding and Participation Agreement of May 30, 2013, between the Port Angeles Harbor Natural Resources Trustees ("Trustees") and Rayonier Properties, LLC ("Rayonier"), the Parties hereby approve the attached budget for Phases 2 and 3 of the cooperative assessment process in the amount of \$313,757.00, under which the Trustees will complete Tasks 5 through 8 as identified therein. This Addendum No. 2 covers all work necessary to be performed, after the date of execution hereof, to calculate natural resource injury and credits for the Study Area and central harbor area, including credits for removal of the dock and jetty, as well as to develop the draft Damage Assessment and Restoration Plan (DARP), but will not cover work to be performed or costs to be incurred for the development and negotiation of a consent decree or the work associated with finalizing the DARP.

Rayonier may pay the above amount in two installments: the first in the amount of \$100,000.00 as promptly as possible after execution of this Addendum, and the second in the amount of \$213,757.00 after the beginning of calendar year 2015 upon reasonable written request of the Trustees and in no case later than April 15, 2015. No costs related to work conducted under this Addendum shall be incurred in the absence of advance funding; in the event the Trustees exhaust the funds from the first installment, they shall stop work until receipt of the second installment.

EXECUTED by the Parties on the dates indicated below.

For:	National Oceanic and Atmospheric Admir	nistration	
By:	· · · · · · · · · · · · · · · · · · ·	Date: _	
Its: For:	United States Fish and Wildlife Service		
Ву:	noon Thorson	Date:	DEC 11 2014
Its:	The Authorized Offical for the U.S. Department of the	e Interior	

Addendum No. 2 – Funding and Participation Agreement Page 1 of 2

For:	Washington Department of Ecology	
Ву:	Roberta Si Lancon	
lts:	REGIONAL SECTION MANAGER	
For:	Lower Elwha Klallam Tribe	
Ву:	Lund S. Ercanust	Date: 11/19/14
its:	Tribal Christingas	
For:	Port Gamble S'Klallam Tribe	
Ву:		Date:
Its:	en e	
For:	Jamestown S'Klallam Tribe	
By:	Massellor	Date: 11/21/14
lts:	FLATZ. Syrector	
For:	Rayonier A. M. Properties, LLC	
Ву:	MARTI	Date: //1/9./4
lts:	34b - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

\*The name of "Rayonier Properties, LLC" was changed to "Rayonier A. M. Properties, LLC" on June 17, 2014.

For:	Washington Department of Ecology	
Ву:		Date:
Its:		
For:	Lower Elwha Klallam Tribe	
Ву:	Lancord Charle	Date: 11 19 14
Its:	Tribal Chies warmen	
For:	Port Gamble S'Klallam Tribe	
By: Its:	- A-	Date: 11 - 25 - 14
For:	Jamestown S'Klallam Tribe	
By:		Date:
Its:		
For:	Rayonier A. M. Properties, LLC	
Ву:	N/K/2	Date: _//1/9./4
Its:	972	

<sup>\*</sup>The name of "Rayonier Properties, LLC" was changed to "Rayonier A. M. Properties, LLC" on June 17, 2014.

# Port Angeles Harbor Phase 2 Budget and All Phase Timeline Tab: Phase 2&3 Totals Page 1 of 2

Phase 2 and 3 Budget Estimate

П	Filase 2 and 5 Dauget Estimate																						
☑ Task Task Description		NOAA		DOI-FWS		WA/ECY		LEKT		JSKT		PGST		TOTALS		2012	2012	2012	2012	2012	2012	2012	2012
	Task Description	HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$	FEB	MAR		MAY			AUG	
0.0	Ongoing Trustee Council costs	230	\$32,527	330	\$39,600	390	\$45,045	191	\$21,621	66	\$6,968	64	\$6,912	1271	\$152,673								
1.0	Agree on data universe and injury metrics	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0								
1.1	Determine relative habitat/species values	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0									777	
1.2	Gather habitat data	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0								<i>777</i>		
1.3	Determine injury levels	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0										
1.4	Determine chemicals of concern	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0										
1.5	Determine assessment boundaries	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0										
2.0	Generate Preassessment Screen	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0								
2.1	Finalize Preassessment Screen	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0								<u> XZZ</u>		<i>2</i> 22
3.0	Gather and finalize contaminant database	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	<b>\$</b> 0								
3.1	Determine data usage parameters	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0										
3.2	QA QC contaminant data	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0										
3.3	Gather dredging data	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0										
4.0	Injury modeling and sevice loss analysis	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0						<i>XZZ</i>		<i>Z</i> ZZ
4.1	Review literature derived models	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0								<u> </u>		<i>2</i> 2
4.2	Review bioaccumulative models	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0								<i>}</i>		
4.3	Select toxicity data for service losses	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0										
5.0	Run models/develop service loss values	4	\$799	20	\$2,400	6	\$693	45	\$5,036	0	\$0	18	\$1,944	218	\$27,615						<i>XZZ</i>		<i></i>
5.1	Develop Documentation for decision points	30	\$5,995	30	\$3,600	14	\$1,617	23	\$2,589	10	\$998	18	\$1,944										
6.0	Calculate ecological services loss	6	\$1,199	35	\$4,200	3	\$347	59	\$6,673	0	\$0	0	\$0	103	\$12,419						<u> </u>		
7.0	Rank the restoration project	40	\$3,993	40	\$4,800	6	\$693	66	\$7,473	0	\$0	18	\$1,944	663	\$76,267								
7.1	Determine measures of impairment	40	\$3,993	40	\$4,800	6	\$693	46	\$5,218	0	\$0	18	\$1,944								<u> </u>		<i>2</i> 2
7.2	Assign values for restoration project	156	\$18,986	90	\$10,800	18	\$2,079	61	\$6,907	0	\$0	18	\$1,944										
8.0	Generate DARP/EA*	91	\$10,824	55	\$6,600	60	\$6,930	21	\$2,429	70	\$7,665	0	\$0	386	\$44,784						<u> </u>		
8.1	Finalize DARP/EA*	0	\$0	35	\$4,200	30	\$3,465	16	\$1,820	8	\$852	0	\$0						<u> </u>		<u> X///</u>		<i>2</i> 22
		597	\$78,316	675	\$81,000	533	\$61,562	528	\$59,766	154	\$16,482	154	\$16,632	2641	\$313,757								
																							ı
///	= Phase 1																						
+	= Phase 1	1										1									<del>                                     </del>	$\vdash$	
11:1:1	Additional time may be needed for CD/NEPA	1										1							1		<del> </del>	$\vdash$	
	<u> </u>	<del> </del>		+								-							1		<del>                                     </del>	$\vdash$	
	*See Subtask details for tasks 8.0 and 8.1 attached																				<u></u> '		

# Port Angeles Harbor Phase 2 Budget and All Phase Timeline Tab: Phase 2&3 Totals Page 2 of 2

### Phase 2 and 3 Timeline

	Phase 2 and 3 Timeline																				
		2012	2012	2012	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015	2015	2015		
Task	Task Description	OCT	NOV	DEC	APR	_	JUN	JUL	AUG	SEP	OCT	NOV	DEC DEC	JAN	FEB	MAR	APR	MAY	JUN		
0.0	Ongoing Trustee Council costs																				
1.0	Agree on data universe and injury metrics	////	////																		
1.1	Determine relative habitat/species values	1///	7//																		
1.2	Gather habitat data		1																		
1.3	Determine injury levels																				
1.4	Determine chemicals of concern																				
1.5	Determine assessment boundaries																				
2.0	Generate Preassessment Screen																				
2.1	Finalize Preassessment Screen																				
3.0	Gather and finalize contaminant database																				
3.1	Determine data usage parameters																				
3.2	QA QC contaminant data	1///																			
3.3	Gather dredging data																				
4.0	Injury modeling and sevice loss analysis		1///																		
4.1	Review literature derived models																				
4.2	Review bioaccumulative models																				
4.3	Select toxicity data for service losses																				
5.0	Run models/develop service loss values																				
5.1	Develop Documentation for decision points		1///																		
6.0	Calculate ecological services loss																				
7.0	Rank the restoration project																				
7.1	Determine measures of impairment																				
7.2	Assign values for restoration project																				
8.0	Generate DARP/EA*																				
8.1	Finalize DARP/EA*		<i>777</i>																	???	???
		1																			
///	= Phase 1	_					-														$\longmapsto$
	= Phase 2					1	<u> </u>														$\longmapsto$
	Additional time may be needed for CD/NEPA				$\sqcup$	1	<u> </u>														$\longmapsto$
	*See Subtask details for tasks 8.0 and 8.1 attach	е										<u> </u>									