

# Northern Idaho

January, 2011

## Introduction

The Wildlife Crediting Forum (**Forum**) was chartered in late 2009 by the Northwest Power and Conservation Council (**NPCC**) to provide input on the Council’s Wildlife Crediting Program (**WCP**). NPCC chartered the Forum to provide advice on the quantifying and accounting system (informally known as the **Ledger**) for the wildlife habitat mitigation credits associated with the construction and inundation impacts of the Federal Columbia River Power System (**FCRPS**) within the Columbia River Basin (**Basin**). The database that currently houses the Ledger is called **Pisces**. The WCP was initiated in 1981, and has been modified from time to time (most recently in 2009) by NPCC in updating the overarching Columbia River Basin Fish and Wildlife Program (**Program**).

The activities of the Forum are documented in a **Forum Summary Report** that is currently in review draft. As requested at the December 2, 2010 meeting of the Forum, four separate sub-regional (see the table below for sub-regions) analyses have been performed to understand the implication of various crediting choices and decisions. These four supplemental analyses reflect the heading structure of the overall Summary Report, but provide more detail to help review each sub-region’s remaining issues with respect to the WCP. *Note: The ratings in the “Level of Agreement” table below were made in consultation with NPCC staff. Although reviewed in draft form by the Forum on December 2, 2010, these ratings have not been concurred in by the Forum.*

## Level of Agreement on Issues by Sub-Region

	A. Federal Lands	B. Fish Projects	C. HEP Issues	D. Loss Assessment	I. Ratios	J. Facility Assignment	K. O&M	L. Inundation Gains	M. Pre-Act Mitigation
<b>Lower Four and Lower Snake</b>	High	Low	Low	High	Low	Low	Low	Low	Low
<b>Upper Columbia</b>	High	Medium	High	High	Low	High	Low	Medium	High
<b>Upper Snake</b>	Low	High	Medium	Low	Low	Low	Low	Medium	High
<b>Northern Idaho</b>	High	High	High	High	High	High	Low	High	High

The data used here is an updated version of the Ledger of wildlife mitigation data in Pisces and in the Council’s Program.

**A. Federal Lands**

There no current issues on the use of federal lands for wildlife mitigation projects in this sub-region.

**B. Credits for Fish Mitigation**

There are no fish projects within this sub-region.

**C. HEP Application Variations**

The variation of HEP models at facilities and at mitigation projects sites is not considered a challenge aside from some individual cases. In general the loss assessment and projects in this sub-region have applied HEP more uniformly when compared with other sub-regions in the Basin.

**Table C-1: Acres and HU by Manager**

Manager	Acres	Current HU	Protected HU	Enhancement HU
CdA Tribe	2,820	2,572	66	0
CdA Tribe, IDFG, Kalispel Tribe, KTI	163	454	454	0
IDFG	3,350	3,440	162	96
Kalispel Tribe	4,158	5,209	2,150	0
KTI	1,120	1,324	115	0
Unassigned*	922	1,256	606	0
<b>Grand Total</b>	<b>12,533</b>	<b>14,255</b>	<b>3,553</b>	<b>96</b>

\* The unassigned parcels are Trout-Elkhorn Flats and Gold Creek.

**I. Ratio Application**

The application of any ratios in the WCP are not agreed on by all Forum members, but are documented in the Forum Summary Report. Table I-1 below documents how projects in this sub-region break out based on the year they were booked to the Ledger.

**Table I-1: Dates of Project Credits**

Fiscal Years	Parcel Current HU	Percent of Total
1978-2001	6,251	43.9%
2001-Present	6,612	46.4%
No Data*	1,392	9.8%
<b>Grand Total</b>	<b>14,255</b>	<b>100%</b>

\* Parcels with no data include: Trout-Elkhorn Flats, Gold Creek, Kline, Marsh, and Shield 2.

**J. Facility Assignment**

Please note that in Table J-1, a number of projects are combined together and it is not clear how to separate out the portion of HU’s assigned. This creates a series of composite projects with multiple facilities listed.

**Table J-1: Habitat Unit Assignment to Facilities**

Projects	Current HU	Protected HU	Enhanced HU
Albeni Falls	14,255	3,553	96
<b>Grand Total</b>	<b>14,255</b>	<b>3,553</b>	<b>96</b>

**Table J-2: Loss Assessment by Facilities**

Facility	All Habitat Units	Habitat Units (Exc. Gains)
Albeni Falls	-28,487	-28,658
<b>Total</b>	<b>-28,487</b>	<b>-28,658</b>

**L. Inundation Gains**

One species is included in the adopted 2009 *Program Table C-4* for this sub-region. It is:

**Table L-1: Inundation Gains by Species**

Species	HU
Yellow Warbler	171
<b>Total</b>	<b>171</b>

**M. Pre-Act Mitigation**

Pre-Act mitigation does not apply to this sub-region.

**Parcel Accounting Concerns**

The following Wildlife Management Areas (WMA) include parcels that are recorded in Pisces and have a minimum HU not being summed at the WMA level. In some cases the parcel minimum HU is greater than the HEP survey results, in other cases they are simply not be summed in the Pisces database. It appears these should be included in the total, but presently Pisces and the Ledger exclude them.

This data has not been included in the Forum Summary Report yet, but was presented at the December 2010 meeting. These parcels need to be reviewed with managers to understand if these minimum HU's need to be added into the Ledger.

**Table 1: WMA's with Current HU and Minimum HU Discrepancies**

WMA	HU Difference
Beaver Lake	22
Benewah Creek	832
Boundary Creek WMA	717
Calispell Creek	268
Coeur d Alene Goose Haven	1,078
Elkhorn Flats	650
Flying Goose Ranch 1	9

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Flying Goose Ranch II - Dilling	367
hnt'k'wipn (Place of Beginning)	364
Kalispel Tribe Sand Creek WMA	126
Kalispel Tribe-Big Meadows	620
Kootenai River Flood Plain	763
Lake Creek	1
Pend Oreille WMA	1,794
Rapid Lightning	671
St Joe	231
Trimble Creek	711
Trout Creek	17
<b>Total</b>	<b>9,241</b>

## Parcel Data for the Sub-Region

WMA	Parcel Name	Proponent	Current HU	Protected HU	Enhancement HU	Min HU	Purchase Type	Purchase FY	Acreage	Mitigated Dams
Albeni Cove	Albeni Cove	IDFG	96	0	96	95	Fee Title	2000	70	Albeni Falls
Beaver Lake	Gamlin Lake	Kalispel Tribe	274	274	0	244	Fee Title	2002	156	Albeni Falls
Beaver Lake	Kalispel Beaver Lake-Strong	Kalispel Tribe	255	233	0	255	Fee Title	2003	255	Albeni Falls
Beaver Lake	North Eaton Lake	Kalispel Tribe	235	235	0	105	Fee Title	2005	90	Albeni Falls
Beaver Lake	West Beaver Lake	Kalispel Tribe	103	103	0	40	Fee Title	2004	40	Albeni Falls
Benewah Creek	Benewah Creek	CdA Tribe	832			832	Fee Title	2001	411	Albeni Falls
Boundary Creek WMA	Boundary Creek	IDFG	607			607	Fee Title	1999	1,405	Albeni Falls
Boundary Creek WMA	Deep Creek	IDFG	78	78	0	78	No purchase (enhancement only)	2005	40	Albeni Falls
Boundary Creek WMA	Smith Creek	IDFG	86			86	No purchase (enhancement only)	2007	620	Albeni Falls
Boundary Creek WMA	Sullivan	IDFG	24			24	Fee Title	2008	24	Albeni Falls
Calispell Creek	Calispell Creek - Northeast - Twigg	Kalispel Tribe	140	140	0	90	None/unknown	2004	170	Albeni Falls
Calispell Creek	Calispell Creek - Northwest - Carney	Kalispel Tribe	268			268	None/unknown	2007	442	Albeni Falls
Carey Creek	Carey Creek	Kalispel Tribe	173	173	0	164	Fee Title	2002	117	Albeni Falls
Coeur d'Alene Goose Haven	Goose Haven Lake	CdA Tribe	1,078			1,078	None/unknown	2002	648	Albeni Falls
Coeur d'Alene River	Cougar Creek	CdA Tribe, IDFG, Kalispel Tribe, KTI	454	454	0	163	None/unknown	2006	163	Albeni Falls
Elkhorn Flats	Trout - Elkhorn Flats		650			650			612	Albeni Falls
Flying Goose Ranch 1	Flying Goose Ranch	Kalispel Tribe	945			945	Fee Title	1992	436	Albeni Falls
Flying Goose Ranch II - Dilling	Flying Goose Ranch II - Dilling Addition	Kalispel Tribe	367			367	Fee Title	1997	164	Albeni Falls
hnt'k'wipn (Place of Beginning)	Upper Hangman Creek	CdA Tribe	364			364	Fee Title	2005	1,382	Albeni Falls
IDFG Gold Creek	Gold Creek		606	606	0	310			310	Albeni Falls
Kalispel Tribe Sand Creek WMA	Sand Creek	Kalispel Tribe	126			126	None/unknown	2006	80	Albeni Falls
Kalispel Tribe-Big Meadows	Big Meadows	Kalispel Tribe	620			620	Fee Title	2007	620	Albeni Falls
Kalispel Tribes - Priest River	Priest River	Kalispel Tribe	142	142	0	105	Fee Title	2001	63	Albeni Falls
Kootenai River Flood Plain	Nimz Ranch	KTI	693			693	Fee Title	2009	693	Albeni Falls
Kootenai River Flood Plain	Trout Creek Peninsula	KTI	70			70	Fee Title	2002	112	Albeni Falls
Lake Creek	Windy Bay	CdA Tribe	67	66	0	67	Fee Title	2002	148	Albeni Falls
Lower Pack River IDFG	Lower Pack River	IDFG	84	84	0	30	Fee Title	1999	30	Albeni Falls
Moyie Springs	Perkins Lake	KTI	115	115	0	115	Fee Title	2002	99	Albeni Falls
Pend Oreille WMA	Anselmo	IDFG	27			27	Fee Title	2008	27	Albeni Falls
Pend Oreille WMA	Carter's Island	IDFG	311			311	Fee Title	1997	96	Albeni Falls
Pend Oreille WMA	Cocolalla Lake	IDFG	186			186	Fee Title	2000	98	Albeni Falls
Pend Oreille WMA	Denton Slough	IDFG	41			41	Fee Title	1997	17	Albeni Falls

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WMA	Parcel Name	Proponent	Current HU	Protected HU	Enhancement HU	Min HU	Purchase Type	Purchase FY	Acreage	Mitigated Dams
Pend Oreille WMA	Derr Creek	IDFG	380			380	Fee Title	1997	240	Albeni Falls
Pend Oreille WMA	Gold Creek	IDFG	606			606	Fee Title	2005	310	Albeni Falls
Pend Oreille WMA	Kline	IDFG	20			20			20	Albeni Falls
Pend Oreille WMA	Lower St. Joe	IDFG	87			87	Fee Title	2007	62	Albeni Falls
Pend Oreille WMA	Marsh	IDFG	49			49			49	Albeni Falls
Pend Oreille WMA	Westmond Lake	IDFG	87			87	Fee Title	2000	65	Albeni Falls
Rapid Lightning	Rapid Lightning	IDFG	604			604	Fee Title	1999	110	Albeni Falls
Rapid Lightning	Shields 2	IDFG	67			67			67	Albeni Falls
St Joe	Hepton	CdA Tribe	144			144	Mix	2007	144	Albeni Falls
St Joe	St Joe	CdA Tribe	87			87	Fee Title	2007	87	Albeni Falls
Tacoma Creek	Tacoma Creek - North - Sivert	Kalispel Tribe	412	412	0	412	Fee Title	2000	437	Albeni Falls
Tacoma Creek	Tacoma Creek - South - Carstens	Kalispel Tribe	187	187	0	76	Fee Title	2004	94	Albeni Falls
Trimble Creek	Lower Trimble Creek - Scheibel	Kalispel Tribe	528			528	Fee Title	2001	450	Albeni Falls
Trimble Creek	Upper Trimble Creek - North - Testall	Kalispel Tribe	251	251	0	120	Fee Title	2004	241	Albeni Falls
Trimble Creek	Upper Trimble Creek - South - Doramus	Kalispel Tribe	183			183	Fee Title	2000	303	Albeni Falls
Trout Creek	Trout Creek	KTI	446			446	Fee Title	2000	216	Albeni Falls