

Ms. Kimberly D. Bose, Secretary Federal Energy Regulatory Commission 888 First St. N.E. Washington, DC 20426

Subject: Spokane River Project, FERC Project No. 2545 Submittal of the Annual 2012 Bald Eagle Monitoring Report as required by FERC's May 11, 2011 Order Approving Bald Eagle Management Plan Pursuant to Article 414

Dear Secretary Bose:

In accordance with the Federal Energy Regulatory Commission's (FERC) June 18, 2009 Spokane River Hydroelectric Project (No. 2545) License, Article 414, Avista developed and submitted a Bald Eagle Management Plan (Plan) for FERC review and approval. FERC approved the Plan in its May 11, 2011 Order Approving Bald Eagle Management Plan Pursuant to Article 414.

The Plan requires Avista to submit an annual report that summarizes the activities that it implemented during 2012 to monitor Bald Eagles. The report, which is to be submitted to the U.S. Fish and Wildlife Service, Idaho Fish and Game, the Washington Department of Fish and Wildlife, and to FERC, discusses annual occupancy and productivity, and an overview of the surveys for new nests.

With this, Avista is submitting the enclosed 2012 Bald Eagle Monitoring Report for your records. Please feel free to call either me or David Armes if you have questions regarding the annual report. I can be reached at (509) 495-4998 and David can be reached at (509) 495-2796.

Sincerely,

Speed tetha

Elvin "Speed" Fitzhugh Spokane River License Manager

Enclosure

cc: Erin Britton-Kuttel, USFWS Rick Donaldson, USFWS Mary Terra-Berns, IDFG Graham Simon, WDFW

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Mary Terra-Berns Idaho Department of Fish and Game 2750 Kathleen Ave. Coeur d'Alene, ID 83814

Subject: Spokane River Project, FERC Project No. 254 Submittal of the Annual 2012 Bald Eagle Monitoring Report As required by FERC's May 11, 2011 Order Approving Bald Eagle Management Plan Pursuant to Article 415

Dear Mary:

In accordance with the Federal Energy Regulatory Commission's (FERC) June 18, 2009 Spokane River Hydroelectric Project (No. 2545) License, Article 414, Avista developed and submitted a Bald Eagle Management Plan (Plan) for FERC review and approval. FERC approved the Plan in its May 11, 2011 Order Approving Bald Eagle Management Plan Pursuant to Article 414.

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Cc: David Armes, Avista Erin Britton-Kuttel, USFWS Rick Donaldson, USFWS Graham Simon, WDFW



Erin Britton-Kuttel Eastern Washington Field Office U.S. Fish and Wildlife Service 11103 E. Montgomery Dr. Spokane Valley, WA 99206

Subject: Spokane River Project, FERC Project No. 254 Submittal of the Annual 2012 Bald Eagle Monitoring Report As required by FERC's May 11, 2011 Order Approving Bald Eagle Management Plan Pursuant to Article 415

Dear Erin:

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Cc: David Armes, Avista Rick Donaldson, USFWS Mary Terra-Berns, IDFG Graham Simon, WDFW



Graham Simon Renewable Energy Habitat Biologist Washington Department of Fish and Wildlife 3860 Chelan Hwy N. Wenatchee, WA 98801

Subject: Spokane River Project, FERC Project No. 254 Submittal of the Annual 2012 Bald Eagle Monitoring Report As required by FERC's May 11, 2011 Order Approving Bald Eagle Management Plan Pursuant to Article 415

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Cc: David Armes, Avista Erin Britton-Kuttel, USFWS Rick Donaldson, USFWS Mary Terra-Berns, IDFG

1411 East Mission Avenue PO Box 3727 Spokane, Washington 99220-3727



Rick Donaldson Northern Idaho Field Office U.S. Fish and Wildlife Service 11103 E. Montgomery Dr. Spokane Valley, WA 99206

Subject: Spokane River Project, FERC Project No. 254 Submittal of the Annual 2012 Bald Eagle Monitoring Report As required by FERC's May 11, 2011 Order Approving Bald Eagle Management Plan Pursuant to Article 415

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AVISTA CORPORATION

2012

BALD EAGLE MONITORING REPORT

ARTICLE 414

SPOKANE RIVER HYDROELECTRIC PROJECT FERC PROJECT NO. 2545

Prepared By:

Avista Corporation

December 2012

Executive Summary

Article 414 of the Spokane River Project License (Project) required the development of a Bald Eagle Management Plan (Plan), which was approved by the Federal Energy Regulatory Commission (FERC), Project No. 2545, on May 11, 2011. It included: (i) bald eagle (Haliaeetus leucocephalus) nests associated with waters impounded by the Project; (ii) a framework for annual occupancy and productivity monitoring (Monitoring); (iii) annual surveys to identify new nests (Surveys); (iv) investigations to identify bald eagle nesting territories including primary use areas, home ranges, and key use sites (Investigations); and (iv) reporting requirements. This report summarizes the 2012 results of the Plan implementation.

Occupancy and Productivity Monitoring. Nineteen nests in 19 territories were monitored; 100% were occupied. Seventeen nests successfully fledged 19 young. Two nests lacked fledging data. The average number of young per nests was 1.12. The average number of young per successful nest was 1.73. Failure rate was 35%. Occupancy and productivity percentages of the Project nest territories are similar to previous studies conducted by IDFG from 1979 to 2006 in north Idaho and Montana (Sallabanks 2006).

Surveys to Identify New Nests. Nine new nests were located during surveys to identify new nests. Four new alternative nests in existing territories and five new nests in new territories. All new nests will be included in monitoring efforts starting in 2013 and in subsequent years.

Nesting Territory Investigations. This year, 2012, is the first nesting season of the required two seasons of habitat-use investigations. The two nest territories investigated in 2012 were within the Project planning area identified in the Plan. Therefore, a site-specific management Plan for these two territories will be completed in 2013. The results of the habitat-use investigations will be reported within the site-specific management plans.

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Appendix A – 2012 Occupancy and Monitoring Forms Appendix B – 2012 New Nest Documentation

Acronyms and Abbreviations

Avista	Avista Corporation
DEA	David Evans and Associates, Inc.
E	east
FERC	Federal Energy Regulatory Commission
GIS	geographic information system
HED	hydroelectric developments
IDFG	Idaho Fish and Game
PLAN	Bald Eagle Management Plan
Ν	north
Project	FERC Project No. 2545
RM	River Mile
S	south
USFWS	US Fish and Wildlife Service
W	west
WDFW	Washington Department of Fish and Wildlife

1. Introduction

On June 18, 2009, the Federal Energy Regulatory Commission (FERC) issued a new license for Avista Corporation's (Avista) Spokane River Project (Project), FERC Project No. 2545, for a 50-year license term. The Project consists of five hydroelectric developments (HED) located on the Spokane River in northern Idaho (in Kootenai and Benewah Counties) and eastern Washington (in Spokane, Stevens, and Lincoln Counties). The FERC licensed Project boundary generally follows the normal full pool elevation of the impoundment associated with each HED. The five HEDs, from upstream to downstream, include:

- Post Falls (River Mile [RM] 102)
- Upper Falls (RM 74.2)
- Monroe Street (RM 74)
- Nine Mile (RM 58)
- Long Lake (RM 34)

Article 414 of the License required the development of a Bald Eagle Management Plan (Plan) which was approved by FERC on May 11, 2011, and included: (i) bald eagle (*Haliaeetus leucocephalus*) nests associated with waters impounded by the Project; (ii) a framework for annual occupancy and productivity monitoring (Monitoring); (iii) annual surveys to identify new nests (Surveys); (iv) investigations to identify bald eagle nesting territories including primary use areas, home ranges, and key use sites (Investigations); and (iv) reporting requirements. The 2010 Plan identified 19 nesting territories associated with waters impounded by the Project; sixteen in Idaho and three in Washington (Golder Associates, Inc. 2010).

Avista hired David Evans and Associates, Inc. (DEA) to assist with implementation of the Plan. This annual monitoring report includes the results for implementation during the initial year of the Plan. Original and electronic copies of all field forms, photographs, geographic information system (GIS) databases, and reports are on file at Avista. Copies are retained by DEA.

2. Occupancy and Productivity Monitoring

2.1 METHODS

Location of Territories Monitored. Nineteen nesting territories that were associated with waters impounded by the Project were monitored in 2012 to determine annual occupancy and productivity. *Figures 1 and 2* show the locations of the Project territories that were monitored. Four new alternative nest locations for these nesting territories were located in 2012 and were monitored.

Dates of Monitoring. Monitoring occurred between February 1 and July 31. The methods described below follow those detailed in the Plan with a minor adjustment that extended the initial observation period for one month due to persistent inclement weather conditions that grounded the aerial survey. Supplemental efforts included additional observation dates and extending the observation period to midday for aerial and watercraft monitoring.

Each known nest was observed a minimum of three occasions during the nesting season to determine occupancy and productivity. The first observation was an initial determination of occupancy that occurred between February 1 and April 15; the second observation, an update of nesting status, occurred between April 1 and June 15; the third observation, a determination of productivity, occurred between June 15 and July 31.

Observations were made from first light to midday. Observations required up to one and one-half hours determining occupancy and productivity. High-resolution optics were used to facilitate observations. Observations were conducted from aircraft, watercraft, land vehicle, and on foot. Land-based observations took place from a vehicle whenever possible to avoid disturbance to eagles. Nests approached on foot, took place with the observer remaining at least 330 feet from the nest and/or hidden from view. Observers retreated if eagles display agitated behavior. During each visit, recorded data pertinent to the determination of nest occupancy and productivity, included:

- Nest condition
- Nest repair or construction
- Presence and behavior of adults
- Adult incubation or brooding posture
- Number of eggs
- Number and age of young using a standardized aging key based on plumage, size, and posture (Carpenter 1990)

Based on the results of observations and professional judgment, one of the following occupancy determinations was made for each monitored territory:

1. Active: Two adults present in a territory containing a nest during the nesting season, or one adult observed incubating with young, or near a known nest. "Active" is a transitional designation. A nest that is deemed "Active" at the beginning of the nesting season will receive a determination of "Successful", "Active, Not Successful", "Nest Abandoned", or "Active, Success Unknown" at the completion of monitoring.

Active Successful: One or more young fledged from the nest. When the "Successful" determination is used, the annual report includes the number of eagles fledged from the nest.

Active, Not Successful: An occupied territory where no young were produced. When the "Active, Not Successful" determination is used, observers try to determine the cause of reproductive failure where possible, and note this cause in the annual report.

Nest Abandoned: Bald eagles were observed in the nesting territory, but deserted or stopped attending a nest, and did not subsequently return and successfully raise young in a nest for the duration of the breeding season. When the "Nest Abandoned" determination is used, observers document activities and/or habitat alterations that may have contributed to abandonment of the nest. The annual report includes information on the nature, extent, and location of such activities or habitat alterations.

Active, Success Unknown: Occupied territory not adequately monitored to determine success. The use of this determination will require an explanation as to why the territory was not adequately monitored to determine success. The annual report includes recommendations to rectify inadequacies in subsequent monitoring.

2. Not Active: No nesting activity and no adults in a nesting territory. When the "Not Active" determination is used, observers recorded any modifications or disturbances to habitat that have occurred near the nest site and the distance to those disturbances. The nature, extent, and proximity of habitat modifications/disturbances should be included in the annual report.

3. Status Unknown: Territory not checked or incompletely checked to determine occupancy. The use of the "Status Unknown" determination will require an explanation of why the territory was not checked or why observations were not adequate to determine occupancy. The annual report includes recommendations to allow for adequate observations during subsequent monitoring (Golder Associates, Inc. 2010).

All occupancy and productivity data was recorded on standardized data forms. Copies of these forms are included in *Appendix A*.

2.2 RESULTS

Occupancy and Productivity Determination. The 2012 occupancy and productivity monitoring of nesting territories in Project waters produced the following results:

- Occupancy: 100%. All 19 known nesting territories were monitored; all 19 nesting territories were occupied and had active nests.
- Project area productivity: Seventeen active nests fledged 19 young. The average number of young per Project nest was 1.12.
- Successful nest productivity: Eleven active nests of 17 were successful (65%) The average number of young per successful nest was 1.73. Two nests were active but the success was unknown.
- Failure rate: 35%. Six of 17 active nests were not successful.
- Individual territories productivity will be determined with subsequent yearly monitoring.

The occupancy and productivity data of the nesting territories was analyzed and the results are summarized in *Table 1*.

2.3 DISCUSSION

Factors affecting Occupancy and Productivity. The following section discusses the potential disturbance factors that may have affected the occupancy and productivity of the nesting territories. They are ordered according to the final nesting territory determination.

Active, Successful. Eleven of the 17 nests were active, successful. These occupancy and productivity percentages of the Project nest territories are similar to previous studies conducted by IDFG from 1979 to 2006, in Idaho as a whole and also specifically in the Idaho Eagle Management Area 7 of north Idaho and Montana. That area included some of these Project nest territories (Sallabanks 2006). According to the Plan, productivity results assume the young noted in the nest during the last observation have successfully fledged. However, the pre-fledging period is considered a very sensitive period. Nestlings at this stage are developing flight abilities, may flush from the nest prematurely, and perish due to disruption (USFWS 2012). Therefore, actual numbers of fledglings and percentages may be the same or lower.

Active, Success Unknown. Two nests, Blessing Slough and Rainey Hill were active and occupied but with unknown success.

Blessing Slough nest 07107601 monitoring lacked data from April 25 to July 13. At the April 25 date during aerial survey, an adult was in incubating posture. Land access for observation vantage points for this remote nest was limited and became fully obscured by the foliage of the cottonwood stand. However, a new vantage point with watercraft access was located on July 13. At the July date, no adults or nesting activity indicating nesting success or fledging was present, although an early fledging may have occurred by mid July. The new access point will be utilized in subsequent monitoring efforts.

Rainy Hill nest 07I07401 was occupied by a Canada goose on April 5, abandoned by bald eagles. New alternative nest 07I07402 was located during April 10 and April 25 aerial surveys. Both dates had an adult perched at the nest and with two eggs and/or early nestlings. The new nest monitoring lacked data from May 25 to July 13 because a vantage point from land could not be located. A new vantage point by watercraft access, however, was located on July 13. At the July date, no adults or nesting activity indicating nesting success or fledging was observed, though fledging may have occurred by mid July. The new watercraft access point will be utilized in subsequent monitoring efforts.

Although both of these nests may have had potential for an early fledge, it is not assumed that these nests were successful.

Active, Not Successful: Out of 17 active and occupied nests, six nests were not successful. Potential disturbance factors that affected all nests were a cold late spring and late snows. Early June weather reports indicated below average temperatures and above average precipitation (Weather Underground 2012). At the Mission Slough nesting territory (located at Rose Lake) (unsuccessful), an adjacent landowner related that there was a snowfall of 4 inches in early June (Gibbs, pers. comm. 2012).

Other potential disturbance factors were at specific locations within the territories as indicated in *Table 1*. Disturbance factors near nests include paved and unpaved roads, hiking, biking, and parking. The Trail of Coeur D'Alene, trailheads, and parking lots are located near two nests (Anderson Lake and Heyburn Park). Generally, the trail had snow-covered portions and had minimal use until mid-May. Signage to alert users of nearby nests and recommend minimized stays to avoid impacts to nesting activities may be

useful near the Anderson Lake trailhead and parking area if subsequent monitoring reveals repeated nest failures.

Residential disturbance factors include paved and unpaved roads; year round and seasonal (occupancy begins June or July) homes. Osprey nests were often near eagle nests with regular prey capture in the bald eagle territories. Of these potential disturbance factors, none appeared to have been a sole cause of nest failure, but may have had incremental impacts. Subsequent monitoring will provide more information.

A jet boat race occurred May 12, 2012 along the St. Joe River from St. Maries to Caldwell, Idaho. The Falls Creek and Turtle Lake nests are located near the river shoreline. This annual, one day, two-hour race occurs from 10:00 am to 12:00 noon, during which the boats pass by the two nest sites. There may have been one or more previous check runs. Although the nests were active prior to May 12th, no nesting activity was observed after this date. Future monitoring may provide additional information as to why the two nests were unsuccessful.

Territory Name	Nest Number	Current Planning Area	Nest condition start/end	Potential Disturbance Factors	Nesting Determination	Number of Fledglings
IDAHO						
Anderson Lake	07103101	No, private	Good	Top of snag broken, many osprey nests, Trail of CDA	Active, Not successful	0
Blessing Slough	07107601	No, IDFG	Good	None	Active, Success unknown	unknown
Cougar Bay	07103502	No, Federal & private	Good	Residential, osprey nests	Active, Not successful	0
Eddyville	07107701	No, private	Fair	Residential	Active, Successful	2
Falls Creek	07103703*	No, private	Good/ destroyed	Jet boat race	Active, Not successful	0
Heyburn Park	07105702	No, IDPR	Good	Park roadways, hiking, Trail of CDA.	Active, Not successful	0
Killarney Lake	07101702	No, IDFG	Good	Swan carcasses in April,@ bay ~½ m N	Active, Successful	2
Mica Bay	07105401	No, private	Good	Residential	Active, Successful	2
Rose Lake (Mission Slough W)	07101902	No	Good	Residential, 4" late snow	Active, Not successful	0
Post Falls Dam	07108001	Yes	Good	Residential, roadway, osprey nests	Active, Successful	1
Rainey Hill N	07107402*	No	Good	None	Active, Success unknown	unknown
St. Maries	07104301	No, private	Good	None	Active, Successful	1
Swan Lake	07102002	No, private	Good/poor	Picnic table, recreation on island	Active, Successful	2
Turner Bay	07106603	No, private	Good	Near highway	Active, Successful	2
Turtle Lake	07102402	No, private	Good	Ranch, residence, jet boat race	Active, Not successful	0
Windy Bay S	08100102*	No, Private	Good	None	Active, Successful	1
WASHINGTON						
Charles Mass	63054	No, WAParks	Good	Park and residential	Active, Successful	1
Long Lake South	62209*	Yes	Good/poor	None	Active, Successful	2
Whalen	62973	Yes, Avista/ Conservancy	Good	None	Active, Successful	3
Total fledglings (n=1 Average fledglings p	er nest (n=17)	nest (n=11)				19 1.1 1.7

Table 1. 2012 Bald Eagle Territory Nest Monitoring

3. Surveys to Identify New Nests

Surveys to identify new nests commenced in 2012. New nests identified during the Survey will be incorporated into monitoring efforts starting in 2013 and in subsequent years.

3.1 METHODS

The methods described below follow those detailed in the 2010 Plan, with a minor adjustment that extended the initial observation period through April due to persistent inclement weather conditions that grounded the aerial surveys. Supplemental efforts included communications with local and nearby residents of the Project area during the course of ongoing investigations.

Avista coordinated with the US Fish and Wildlife Service (USFWS), Idaho Fish and Game (IDFG), Washington Department of Fish and Wildlife (WDFW) and other entities to identify potential new bald eagle territories or nests.

Survey Routes. Aerial surveys were conducted within the monitoring area. Surveys were conducted primarily from a fixed-wing aircraft. The survey routes followed the shorelines of Project waters at elevations approximately 500 to 800 feet. Observers noted and tracked adult eagles outside of known territories and looked for nests in likely locations.

Survey Dates. Aerial surveys were conducted on April 10, April 12, and April 25, 2012. Supplemental survey efforts occurred during the ongoing monitoring and territory investigations by both watercraft and land-based vehicles. Observers noted and tracked adult eagles outside of known territories and looked for nests in likely locations.

Documentation for any new nest, or suspected new nest, encountered during surveys included a minimum of two nest photographs, GPS location, and relevant descriptive information indicating nest location, nest condition, proximity to known nests, and significant habitat alterations. All new nest data was recorded on standardized data forms.

3.2 RESULTS

Nine new nests were located during the survey efforts. Four of the new nests were alternative nests located within existing territories. Five of the new nests were in new territories. The four new alternate nests were included in the 2012 monitoring effort results that were summarized earlier in this report.

The following table, figures, and attached *Appendix B* provide:

- Locations of previously undocumented nests and
- Relationship of new nests to known nests
- Photographs of new nests
- Descriptions of new nests
- Notes regarding significant alterations to habitats

Table 2. Summarizes information of the new nests located during the 2012 survey efforts including location, relationships of new nests to known nests, and notes.

		Table 2. 2012	2 New Bald	Eagle Nests	
Territory Name	Number	Location/ Relationship to known nests	Current Planning Area	Notes	Latitude, longitude
NEW ALTERNATIV	'E NEST, EX	KISTING TERRI	TORY		
Falls Creek W, ID	07103703	~ 1/2 mile west of other nests, north of river	No	original nest collapsed prior to 2012	47.314694,- 116.316226
Long Lake S, WA	06W2209	~ 2 miles east of previous nests, south shore across from boat access	Yes	original nests collapsed prior to 2012	47.826684, - 117.748139
Rainey Hill N, ID	07107402	~ 1.7 miles north of other nest, west side cottonwoods	No	west of Schlepp property	47.49946, - 116.565328
Windy Bay S, ID	08100102	south of other nest, south shore of Windy Bay	No	other nest in newly developed area	47.47544, - 116.906300
NEW NEST, NEW 1	ERRITORY	,			
Fernan Lake, ID	07110001	southeast end of Lake	No	across from end of road	47.673248, - 116.709566
Hepton Lake, ID	07110101	west side river bend in cottonwoods	No	between Heyburn Park and St. Maries	47.330977, - 116.629872
Little Falls, WA	06W1000 1	south shore of lower Spokane River	No	west extent of lower Spokane River	TBD in 2013
Lower Spokane River, WA	06W1010 1	downstream of Hwy 291 bridge, north shore	No	between Long Lake S and Little Falls	47.840339, - 117.854311
Upper Spokane River, ID	07110201	~ 2mi. downstream of Lake CDA, west shore of Spokane River	No	between Post Falls Dam and Cougar Bay	47.696751, - 116.830384

The locations of the original 19 bald eagle nests and the nine new nests are shown in *Figures 1 and 2*. These 24 nests will be monitored in 2013 and subsequent years.

Documentation of the four new alternative nests including standardized raptor nest forms with descriptions, photographs, and maps are included in *Appendix B*. Documentation of the five new nests in new territories will be completed during the 2013 occupancy and productivity monitoring and finalized for the 2013 annual report.

Additionally, communications with local residents and other Project area users, provided leads for five other potential eagle nesting areas to survey in 2013, should it be determined the nesting territories are within or utilize the Project area. This includes areas of Cataldo Slough, upper St. Maries River, and St. Joe River in Idaho, and in Washington, the Suncrest and Barker Road areas in Washington.

4. Nesting Territory Investigation Report

The purpose of the investigations is to identify nesting territories and associated primary use areas, home ranges, and key use sites. New nest territories documented within the monitoring area during the course of annual surveys to identify new nests will be added to scheduled territory investigations. Nesting territories may be omitted from investigation if a site-specific nest management plan is currently in place and/or if home ranges, primary use areas, and key use sites are already known. Avista will coordinate with USFWS, IDFG, and WDFW, as appropriate to determine whether nest management plans are available. Nesting territories are only omitted from investigation with mutual agreement of USFWS, IDFG, and WDFW as appropriate.

The nesting territory investigation report will include the results of habitat use investigations for those nesting territories that are not part of the planning area. The two nest territories subject to investigation in 2012 were within the Project planning area. Therefore, the results of the habitatuse investigations will be reported within the site-specific management plans of these two territories.

4.1 METHODS

The methods summarized below follow those detailed in the 2010 Plan. Professional judgment was used when required to modify these methods for site-specific circumstances.

Location of Territories. The Long Lake South and Whalen nesting territories were investigated in 2012. These territories are located in the project planning area located in the Long Lake HED of Washington as shown in *Figure 2*.

Study Dates and Schedules. Observers are to collect two nesting seasons of habitat-use data at each of the two nests. Observation periods were scheduled once every two weeks, for each nest under investigation, from March 1 through July 31st. Observation periods occurred from either (i) first light to mid-morning or (ii) two to three hours before sunset to dusk. A combination of morning and evening observation data was collected for each territory under investigation. The first nesting season of these two territories was collected in 2012.

Study Methods. During each observation period, eagle activity was recorded on standardized data forms in a time-interval format referenced to locations marked on a map or recorded by GPS. The information documented included: begin and end time, eagle (female, male, or juvenile), location (referenced to map/ or GPS), activity, disturbances, and other pertinent information described in the Plan. Observers summarized habitat use by the number of minutes each eagle spent using each habitat feature. Time-interval records that include observations of agitated behavior were summarized by the type of disturbance, frequency, duration, and distance to the source of agitation.

Observers followed nesting eagles from the territory as far as safely and legally possible during the observation period. Observations were conducted from water and/or land, and a variety of vantage points were used to encompass the area, the locations were marked on a map or recorded by GPS.

Home Range, Nesting territory, Primary use areas, Key use sites, and Disturbances. For the purposes of this report, home range is defined as habitats occupied by eagles year round that were recorded during investigations. Nesting territory is defined as areas occupied by eagles during the nesting period of March 1st through July 31st. Primary use sites is defined as areas occupied by eagles greater than 75% of the time recorded during investigations. Key use sites include nests, perches, roosting stands, and prey capture areas. Disturbances are those activities noted that result in disturbance to nesting eagles and/or reduce the quality or availability of local nesting habitat.

Locations and habitat features referenced during the investigation will be entered into a spatiallylinked database after two years of investigations. Bald eagle nesting territories, including home ranges and primary use areas, shall be delineated from the data collected during the field investigation using one of several possible methods producing contours that define the intensity of activity in a given area.

4.2 RESULTS

The Long Lake South and Whalen nesting territories located in the Long Lake HED were investigated in 2012. This was the first of the required two seasons of nesting territory investigations. Standardized forms were used to collect data. GPS information was collected and entered into a spatially linked database. The investigations for Long Lake South and Whalen territories will conclude after the second season in 2013. Because the two nest territories subject to investigation in 2012 were within the Project planning area, a site-specific management plan for these two territories will be completed in 2013. The results of the habitat-use investigations will be reported within the site-specific management plans.

The site –specific management plans will include investigation methods and identify nesting territory, home range, primary use areas and key sites used during nesting. The plans will identify and characterize activities that result in disturbance to nesting eagles and describe ongoing activities that result in loss or degradation of habitat within a nesting territory. Measures will be proposed to reduce bald eagle/human conflicts based on identified threats. The plans will focus on areas where Avista has the management authority to protect habitat and the ability to enforce seasonal restrictions on activities found to disturb nesting eagles.

Associated with the two site-specific management plans, Avista will provide USFWS and WDFW with electronic files (Excel, geodatabase, or shapefile) depicting nesting territories, home ranges, primary use areas, key use sites, and any proposed zones or locations where activities may be restricted to protect nesting eagles.



Figure 1. 2012 Bald Eagle Nesting Locations of Project Waters in Idaho

Bald Eagle Management Plan Annual Report 2012 Avista Corporation



Figure 2. 2012 Bald Eagle Nesting Locations of Project Waters in Washington

Bald Eagle Management Plan Annual Report 2012 Avista Corporation

5. References

- Carpenter, G. 1990. An Illustrated Guide for Identifying Developmental Stages of Bald Eagles Nestlings in the Field. San Francisco Zoological Society, San Francisco, CA.
- Gibbs, Scott. 2012. Personal communication with adjacent landowner of the Rose Lake eagle nest, regarding early June snowfall. July 20, 2012.
- Golder Associates, Inc. 2010. Bald Eagle Management Plan; Spokane River Hydroelectric Project: FERC Project No. 2545. 55pp. May 7, 2010.
- Sallabanks, Rex. Idaho Bald Eagle Nest Monitoring 2006 Annual Report. Idaho Department of Fish and Game Nongame and Endangered Wildlife Program. Boise, Idaho. https://research.idfg.idaho.gov/wildlife/Wildlife%20Technical%20Reports/Bald%20Ea gle%20Nesting%20Report%202006.pdf. Retrieved August 9, 2012.
- US Fish and Wildlife Service (USFWS) 2012. Bald Eagle Biology. Pacific Region. http://www.fws.gov/pacific/eagle/biology.html. Retrieved August 9, 2012.
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eof	SPOKANI	E RIVER HY	DROELECTRIC PROJECT (I BALD EAGLE NEST MONITO 20/2		2606-000)		
	erson Lal	ce Territory/	Nest Number: 0710310	0	bserver Initial: <u>LS</u> Re	viewer Initia	DA
SURVEY SUMMARY		50 T					
Survey Code (1) Not Checked (2) (6) Complete Survey, Pr		(3) No In	itial Occupancy Determinatior	n 🔲 (4) No Nesting Status	Update 🗌 (5) Produc	ctivity Not De	etermine
Status Code	(2) Other Spec	ies 🗌 (3	3) Single Adult (4) Oc	ccupied 🔀 (5) Active	(6) Unsuccessful	🗌 (7) St	uccessfu
Nest Condition Code	d 🗌 (3) F	air 🗌 ((4) Poor 🛛 (5) Nest Destr	royed:			
Nesting Determination		(2) [] (2) N	Nest Abandoned 🛛 🕱 (1) Acti	ive, Not Successful 🛛 (5)	Active, Success Unknow	m [] (6) Si	uccessfi
	(2) Not Activ		Vest Abandoned A(+) Acti		Active, Success Orknow		00000010
Number of Fledglings:	0	1	fledging age)		Active, Success Officion		00003310
	O youn	1	fledging age)	J:	Active, Success Officion		
Number of Fledglings:	O youn	g (at or near	fledging age)	Adult Presence / Behavior	Incubation/Brooding Posture	Number of Young	Stage
Number of Fledglings: SURVEY RESULTS OBSERVATION PERIOD Initial Determination of	O youn	g (at or near ALT ON b Nest	fledging age)	Adult Presence /	Incubation/Brooding	Number of	Stage
Number of Fledglings: SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy	O youn	g (at or near <u>ALT OL</u> Nest Condition	fledging age)	Adult Presence / Behavior	Incubation/Brooding Posture	Number of	Stage
Number of Fledglings: SURVEY RESULTS OBSERVATION PERIOD Initial Determination of	O youn	g (at or near <u>ALT OL</u> Nest Condition	fledging age)	Adult Presence / Behavior	Incubation/Brooding Posture	Number of	Stage
Number of Fledglings: SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early	Date Checked	g (at or near ALT QN b Nest Condition	fledging age)	Adult Presence / Behavior AD	Incubation/Brooding Posture	Number of	Stage
Number of Fledglings: SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15	Date Checked	g (at or near ALT QN b Nest Condition	fledging age)	Adult Presence / Behavior AD	Incubation/Brooding Posture	Number of	Stage
Number of Fledglings: SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and	O youn Date Checked 4/5/12 4/25/12	g (at or near ALT ONE Nest Condition	fledging age) Aidge Nesting Activity (construction etc.) Autota Review Access Plan/Autota	Adult Presence / Behavior AD (Imm BAEA)	Incubation/Brooding Posture	Number of Young	Stage of Youn
Number of Fledglings: SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and	O youn Date Checked 4/5/12 c 4/25/12 c	g (at or near ALT ONE Nest Condition	fledging age) Aidge Nesting Activity (construction etc.) Auista Review Access Plan/Auista UNK	Adult Presence / Behavior AD (Imm BAZA) (many ospicy) 2 AD /flt w>E	Incubation/Brooding Posture	Number of Young	Stage of Youn
Number of Fledglings: SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and	O youn Date Checked 4/5/12 4/25/12	g (at or near ALT ONE Nest Condition	fledging age) Aidge Nesting Activity (construction etc.) Autota Review Access Plan/Autota	Adult Presence / Behavior AD (Imm BAZA) (many ospicy) 2 AD /flt w>E	Incubation/Brooding Posture	Number of Young	Stage of Young
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Number of Fledglings: SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) aprial	O youn Date Checked 4/5/12 4/5/12 6/6/12	g (at or near ALT ONE Nest Condition	fledging age) Aidge Nesting Activity (construction etc.) Auista Review Access Plan/Auista UNK	Adult Presence / Behavior AD (Imm BAZA) (many ospicy) 2 AD /flt w>E	Incubation/Brooding Posture	Number of Young	Stage of Young

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Page 2 of 7

Territory/Nest Number: 07103101

IV. SUPPLEMENTAL NESTING INFORMATION (If known)

Date of adult arrival:	Date of adult dispersal:	
Date of egg laying:	Clutch size:	
Date of hatching:	Date/Number of fledglings at dispersal:	· · · · · · · · · · · · · · · · · · ·
Date of fledging:	Banding data:	

V. NARRATIVE INFORMATION

Nesting attempt failed (Yes/No), date/nesting period of failure:______ Reason for failure: Not singular however broken top of snag, all the nearby ospre ______ Cold sprime were all confributing factors.

Nest Abandoned (Yes/No), date:_

Reason for abandonment:

Disturbing Activities (record type, duration, and proximity to nest) many (6+) osprzy nests within I mile of nest about every 5 miles. Two nearest ones active. Nearest~500'

Habitat Alterations (record type, extent, and proximity to nest) ______ TRail of C.DA + Darking area within territory and near nest. Human use not noted until warmer months June July, Altrant in sking, top broken, this winter

Ongoing Disturbances (record type, extent, and proximity to nest)

tradis Prepared by: Date: Reviewed by: Date:

e of <u></u> ∠	SPOKAN	ERIVERHI	DROELECTRIC PROJECT (F BALD EAGLE NEST MONITO 20 <u>12</u>	DRING FORM	12000-000)		٨
ID Territory Name: <u>Blessir</u>	ng Slough)Territory/N	Nest Number: 6710760	21	Dbserver Initial: <u>LS</u> Re	viewer Initial:	DA
SURVEY SUMMARY	n en anna an						
Survey Code (1) Not Checked (2) N (6) Complete Survey, Pro	Not Located	(3) No Ini termined	itial Occupancy Determinatior	n 🔲 (4) No Nesting Statu	us Update 🛛 🔀 (5) Produc	ctivity Not Det	ermined
Status Code	2) Other Spe	cies 🗌 (3) Single Adult 🛛 (4) Od	ccupied 🔀 (5) Active	(6) Unsuccessful	🗌 (7) Suc	cessful
Nest Condition Code	(3)	Fair 🗌 (4) Poor 🗌 (5) Nest Destr	royed:		i i poste ju i ka	
Nesting Determination (1) Status Unknown] (2) Not Act	ive 🗌 (3) N	Nest Abandoned _ [] (4) Act	ive, Not Successful	5) Active, Success Unknow	vn □ (6) Suc early Ju	ccessful
Number of Fledglings: <u>UN</u>	JK your	ng (at or near	fledging age)	fou	k of data May - ind vantage point	from boo	+ 7/13/1
SURVEY RESULTS 4/5	1/12 - 00	ould not	accelo - drive	from Rainy Hi	1) nest to boat	laung	
1			Nesting Activity	Adult Presence /	Incubation/Brooding	Number	Stage of
OBSERVATION PERIOD	Date Checked	Nest Condition	(construction etc.)	Behavior	Posture	Young	Young
PERIOD Initial Determination of			(construction etc.)	Behavior	-	1	
PERIOD	Checked	Condition		Behavior	-	1	
PERIOD Initial Determination of Occupancy	Checked	Condition	(construction etc.)	Behavior	-	1	
PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early	Checked		(construction etc.) [Avista Review/	Behavior not accessed)	-	1	
PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and	Checked		(construction etc.) [Avista Review]	Behavior not accessed) (not accessed)	-	1	
PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15	<u>Checked</u> (ЛЛК 4/15/12	Condition (ANK NUNK	(construction etc.) [Avista Review/	Behavior not accessed)	-	1	Young Young WANK/Nee
PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and	Checked UNK 4/15/12 AQDA	Condition (AUK 	(construction etc.) [Avista Review/ [Avista Access Plann [w/DZA]	Behavior not accessed (not accessed) 2AD	Posture	Young	Young

Page 2 of 3

Territory/Nest Number: Blessing Slough

IV. SUPPLEMENTAL NESTING INFORMATION (If known)

Date of adult arrival:	Date of adult dispersal:	
Date of egg laying:	Clutch size:	i di seco
Date of hatching:	Date/Number of fledglings at dispersal:	
Date of fledging:	Banding data:	
NARRATIVE INFORMATION Nesting attempt failed (Yes/No), date/nesting period of f Reason for failure:		-
and an angentic from the second second		
Nest Abandoned (Yes/No), date:		-
Reason for abandonment:		A-1 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -
Disturbing Activities (record type, duration, and proximi	ity to nest) None - far from human use	areas
Habitat Alterations (record type, extent, and proximity to	o nest)	
4, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,	to a set of the set of	
Ongoing Disturbances (record type, extent, and proximi	ity to nest)	
en la provinció de la substanció de la presidencia de la presidencia de la presidencia de la presidencia de la La presidencia de la p		es in genera
red by: <u>L. Stragis</u>	Date: 7/17	112
wed by:	Date: 5/18/	12
	¹ Strandard R. R. R. R. R. Strandard Str Strandard Strandard St Strandard Strandard St Strandard Strandard St Strandard Strandard St Strandar	
		*

I. ID Territory Name: Contach Bay Territory/Nest Number: OTIO 350 2 Observer Initial: US II. SURVEY SUMMARY Survey Code (1) Not Checked (2) Not Located (3) No Initial Occupancy Determination (4) No Nesting Status Update (5) Pro II. (6) Complete Survey, Productivity Determined	oductivity Not Determined
Survey Code	
(1) Not Checked (2) Not Located (3) No Initial Occupancy Determination (4) No Nesting Status Opulate (6) 115	
	sful [] (7) Successful
Status Code □ (1) Unoccupied □ (2) Other Species □ (3) Single Adult □ (4) Occupied ⊠ (5) Active ⊠ (6) Unsuccess	
Nest Condition Code □ (1) New □ (2) Good □ (3) Fair □ (4) Poor □ (5) Nest Destroyed:	
Nesting Determination (1) Status Unknown (2) Not Active (3) Nest Abandoned (4) Active, Not Successful (5) Active, Success Unk	known 🔲 (6) Successful
Number of Fledglings: X young (at or near fledging age)	
III. SURVEY RESULTS	
OBSERVATIONDateNestNesting ActivityAdult Presence / BehaviorIncubation/Broodi PosturePERIODCheckedCondition(construction etc.)BehaviorPosture	ing of of Young Young
Initial Determination of Avist Review, no access	
Occupancy The to and Table TAD TNC	UNIS
February 1 - March 31 1/10/112 Good actual (pre-egg laying and early aerual (alt. not found)	
Update Nesting Status	noneseen
April 1 - June 15 (late incubation and Glain good - no activity	-wite -unk
nestlings)	
Determine Productivity 7/12/12 good -no activity - or PtD Preycapture June 15 - July 31	2 > Perching.
(late nestling and fledging)	

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9:00an 10:00an

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	Page A of A	tory/Nest Number: <u>9710 350 2</u>	Cougar Bay
IV.	SUPPLEMENTAL NESTING INFORMATION (If known)		0 1
	Date of adult arrival:	Date of adult dispersal:	
	Date of egg laying:	Clutch size:	
	Date of hatching:	Date/Number of fledglings at dispersal:	
	Date of fledging:	Banding data:	
v.	NARRATIVE INFORMATION		
	Nesting attempt failed (Yes/No), date/nesting period of failure:_ $cert$	icubation	
	Reason for failure: Wknown		
		1 kr	
	Nest Abandoned (Yes/No), date:		
	Reason for abandonment:		
	5		-
	Disturbing Activities (record type, duration, and proximity to nest)_		
	e (************************************		
	Habitat Alterations (record type, extent, and proximity to nest)	scitanti il tomborano	
	riasitat riterations (record type, extent, and proximity to nest)	estachtar acueropenn	erri = precibus
	Ongoing Dicturbances (magnitude and the sector to a low in it (a ton	
	Ongoing Disturbances (record type, extent, and proximity to nest)	Ospreynest +OSP	K in bays 2,
	Residents on both sides.		
-	Pat		
	pared by: 1.5 than s		Date: 7 / 17 //2
Re	Neweu by	*	Date: <u>9/18/_12</u>

				"			
_ of <u>2</u>	SPOKAN	IE RIVER HYD	ROELECTRIC PROJECT (I BALD EAGLE NEST MONITO 20	FERC Nos. 2545-091 and DRING FORM	12606-000)	1	
0			-		18 -	DH	
erritory Name: Eddy	ille	Territory/N	lest Number: 071077	21	Observer Initial: <u>LS</u> Rev	iewer Initial.	
Gurvey Code ☐ (1) Not Checked ☐ (2) N ▲ (6) Complete Survey, Pro	lot Located oductivity De	(3) No Init	tial Occupancy Determination	n 🔲 (4) No Nesting Sta	tus Update 🔄 (5) Produc	tivity Not Determined	I
Status Code	2) Other Spe	ecies 🗌 (3)) Single Adult 🛛 🗍 (4) O	ccupied 🔀 (5) Active	e 🗌 (6) Unsuccessful	🔀 (7) Successful	
Nest Condition Code (1) New (2) Good	(3)	Fair 🗌 (4	4) Poor 🗌 (5) Nest Dest	troyed:			-
Nesting Determination (1) Status Unknown] (2) Not Ac	tive 🔲 (3) N	lest Abandoned 🛛 (4) Ac	tive, Not Successful	(5) Active, Success Unknow	n 🔀 (6) Successful	
Number of Fledglings:	<u>a</u> you	ing (at or near	fledging age)				
PT							
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SURVEY RESULTS	Date	Nest	Nesting Activity	Adult Presence /	Incubation/Brooding Posture	Number Stage of of Young Young	
SURVEY RESULTS OBSERVATION PERIOD	Checked	Condition	Nesting Activity (construction etc.)	Adult Presence / Behavior	Posture	of of	
SURVEY RESULTS OBSERVATION PERIOD Initial Determination of		Condition Fair	(construction etc.)	Adult Presence / Behavior	Posture	of of	
SURVEY RESULTS OBSERVATION PERIOD	Checked	Condition Fair		Adult Presence / Behavior	Posture	of of	
OBSERVATION PERIOD Initial Determination of Occupancy	Checked	Condition Fair	(construction etc.)	Adult Presence / Behavior	Posture	of of	
SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status	Checked	Condition Fair Some debr	(construction etc.)	Adult Presence / Behavior AD ccess check - 00	Posture	of of	
SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15	Checked	Condition Fair Some debr	(construction etc.)	Adult Presence / Behavior AD ccess check - 00	Posture	of of	
SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and	Checked	Condition Fair Some debr Ear (debris)	(construction etc.) (construction etc.) (Avistal Avistal Avistal DSA access	Adult Presence / Behavior AD ccess check - 00	Posture Perch ks damaged	of of Young Young	
SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15	Checked WK 4/15/12 4/25/12	Condition Fair Some debr Fair (debris) fair	(construction etc.) (construction etc.) (Avista DEAvista a	Adult Presence / Behavior AD ccess check - 00 splan & AD fit to re	Posture Perch ks damaged	of of Young	
SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and	Checked WK 4/15/12 4/25/12 6/6/12	Condition Fair Some debr Fair (debris) fair	(construction etc.) (construction etc.) (Avistal Avista a [Avistal DSA access active ?	Adult Presence / Behavior AD ccess check - 00 s plan AD fl+ to re AD fl+ to re AD ywg in v	Posture Perch ks damaged	of of Young Young	
SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) agricul Determine Productivity June 15 – July 31	Checked WK 4/15/12 4/25/12 6/6/12	Condition Fair Some debr Some debr Fair (debris) Fair (disting)	(construction etc.) (construction etc.) (Avistal Avista a [Avistal DSA access active ?	Adult Presence / Behavior AD ccess check - 00 splan & AD fit to re	Posture Perch ks damaged	of of Young Young	
SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) aurcal Determine Productivity	Checked WK 4/15/12 4/25/12 6/6/12	Condition Fair Some debr Some debr Fair (debris) Fair (disting)	(construction etc.) (construction etc.) (construction etc.) (Avistal Avista (Avistal DSA access active ? active?	Adult Presence / Behavior AD ccess check - 00 s plan AD fl+ to re AD fl+ to re AD ywg in v	Posture Perch ks damaged	of of Young Young	

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Page 2 of 2

Territory/Nest Number:<u>Sdduville</u>

IV. SUPPLEMENTAL NESTING INFORMATION (If known)

Date of adult arrival:	Date of adult dispersal:	
Date of egg laying:	Clutch size:	
Date of hatching:	Date/Number of fledglings at dispersal:	
Date of fledging:	Banding data:	
NARRATIVE INFORMATION Nesting attempt failed (Yes/No), date/nesting period	of failure:)
		·
Reason for failure:		
Nest Abandoned (Yes/No), date:		
Reason for abandonment:		Charles and the second
Disturbing Activities (record type, duration, and prop	ximity to nest)	
Disturbing Activities (record type, duration, and pro	ximity to nest)	
Disturbing Activities (record type, duration, and prov		
Habitat Alterations (record type, extent, and proximit	ty to nest)	stureon roads, n
Habitat Alterations (record type, extent, and proximit	ty to nest)	stureon roads, n
Habitat Alterations (record type, extent, and proximit Ongoing Disturbances (record type, extent, and prox gravel road intersector	ty to nest)	
Habitat Alterations (record type, extent, and proximit Ongoing Disturbances (record type, extent, and prox gravel road intersection	ty to nest) simity to nest) above residencial area, be	: 7/20/12
Habitat Alterations (record type, extent, and proximit Ongoing Disturbances (record type, extent, and prox gravel road intersector	ty to nest)	: 7/20/12

Page	eof	SPOKANE RIV	/ER HYDR	COELECTRIC PROJECT (FI BALD EAGLE NEST MONITOR 20]2	ERC Nos. 2545-091 a RING FORM	and 12606-000)		\sim
Ι.	ID Territory Name: Falls (Creek WT	erritory/Ne	st Number: 07/037	3	Observer Initial: <u>/_</u> Re	viewer Initial:	UT
11.	SURVEY SUMMARY			- 6 110 370	×.			
	Survey Code (1) Not Checked (2) N (6) Complete Survey, Pro-	Not Located 🛛 🗍 (oductivity Determi	3) No Initia ned	I Occupancy Determination	(4) No Nesting \$	Status Update 🗌 (5) Produc	ctivity Not De	termined
	Status Code	2) Other Species	(3) \$	Single Adult (4) Oct	cupied 🔀 (5) Act	tive 💢 (6) Unsuccessful	[] (7) Su	ccessful
	Nest Condition Code	🗌 (3) Fair	(4)	Poor (5) Nest Destro	oyed: 07103702	-collapsed		
	Nesting Determination] (2) Not Active	/	st Abandoned 🛛 🔀 (4) Activ	e, Not Successful	(5) Active, Success Unknow	/n 🔲 (6) Su	ccessful
	Number of Fledglings:			edging age)	1000			
111.	SURVEY RESULTS 4/0	3/12 Acces	o redi	iew, nost not loca	ation EA(?) f	lying west, 2 BAEI	7 rest (Atrean.
	OBSERVATION	Date N	Nest	Nesting Activity (construction etc.)	Adult Presence Behavior	•	Number of Young	Stage of Young
			Г					
	Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation)	4/03/12 4//18/12 g	50 c1	trista DIA acceso pl	ny 2000 no	wnest ADinc	not oisible	Nestlings?
	Occupancy February 1 – March 31 (pre-egg laying and early	4/10/12 g	50 c1		pare: see	ř.	not visible MUIX	Westlings?
	Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and	4/10/12 g	oud r	- Jet boat	J Ø Pareiseek	sactpage)		un k

Page <u>a</u> of <u>2</u>

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Territory/Nest Number: 67163703 Falls Creek West

. IV. SUPPLEMENTAL NESTING INFORMATION (If known).

Date of adult arrival:	Date of adult dispersal:	
Date of egg laying:	Clutch size:	
	Date/Number of	
Date of hatching:	fledglings at dispersal:	
Date of fledging:	Banding data:	
NARRATIVE INFORMATION		a de la companya de l
Nesting-attempt failed (Yes/No), date/nesting per	riod of failure: incubation	
Reason for failure: Unknown		
Nest Abandoned (Yes/No), date:		
Reason for abandonment:		
Disturbing Activities (record type duration and	proximity to nest) Jet boat race 4/	halia st min 1 011
and return - one day, with	th maybe a check run early	ier. Times 10:00 am start,
Noon finish ; Two hours	V	
Habitat Alterations (record type, extent, and pro		
riabilat Alterations (record type, extent, and pro-	climity to nest)	
Ongoing Dicturbonoog (moord time sutant and		
	provimity to poot	
Ongoing Disturbances (record type, extent, and	proximity to nest)	
	proximity to nest)	
	proximity to nest)	
	proximity to nest)	Data: 7/17/17
ared by: <u>6. Stragis</u>	proximity to nest)	Date: 7/17/12
ared by: <u>6. Stragis</u>	proximity to nest)	Date: 7/17/12 Date: 9/18/12
ared by: <u>b.Storagis</u>	proximity to nest)	610010

I.	ID			BALD EAGLE NEST MONITOR 201ユ				A
	Territory Name: Heybur	n Park	_ Territory/N	lest Number: <u>0710570</u>	2	Observer Initial: 45 Rev	viewer Initial:	<u> ///</u>
· II.	SURVEY SUMMARY	th nest						
a	Survey Code ☐ (1) Not Checked ☐ (2) N ☑ (6) Complete Survey, Pro	lot Located [oductivity Dete	(3) No Init rmined	tial Occupancy Determination	☐ (4) No Nesting Sta	tus Update 🛛 (5) Produc	tivity Not De	termined
-	Status Code	2) Other Specie	es 🗌 (3)) Single Adult (4) Occ	upied 🛛 🕅 (5) Active	(6) Unsuccessful	🗌 (7) Su	ccessful
~	Nest Condition Code	(3) Fa	air 🗌 (4	4) Poor 🗌 (5) Nest Destro	yed:			
	Nesting Determination] (2) Not Active	e 🗌 (3) N	lest Abandoned 🛛 🔀 (4) Activ	e, Not Successful	(5) Active, Success Unknow	/n 🔲 (6) Su	iccessful
	Number of Fledglings:	young	g (at or near	fledging age)				
111.					- A			
	OBSERVATION	Date Checked	Nest Condition	Nesting Activity (construction etc.)	Adult Presence / Behavior	Incubation/Brooding Posture	Number of Young	Stage of · Young
	Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation)	Luni K	good	[Avista Review] active	AID	inc		
	Update Nesting Status April 1 – June 15	4/3/12		Avista DSA Access	AD	inc	4. 91.4000	
	(late incubation and nestlings)	4/10/12	good	Plan Review	AD	inc	NNK	nestling
	Determine Productivity June 15 – July 31 (late nestling and	aerial 6/2/12 Spent 7/11/12 c	good an hou 2020(-)	? Hæking Ensign og - looksåbandad	Ø	perched above preming (calling) journg-none, could	-not of be late,	nest or f
	fledging)	11	alled in					
		not four	id by	plane crossel said 3	. ()		

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Page 2 of 2

Territory/Nest Number: Heyburn Park

IV. SUPPLEMENTAL NESTING INFORMATION (If known)

Date of egg laying: Clutch siz Date of hatching: Date/Number Date of fledglings at dispersat	t)
Date of hatching: Date/Number Date of fledging: Banding dat DARRATIVE INFORMATION Nesting attempt failed (Yes/No), date/nesting period of failure: Incubation Reason for failure: Incubation Reason for failure: Incubation Nest Abandoned (Yes/No), date: Reason for abandonment: Incubation Incubation Disturbing Activities (record type, duration, and proximity to nest) Incubation Incubation Habitat Alterations (record type, extent, and proximity to nest) Insta Read-50 mdb Insta Read-50 mdb Ongoing Disturbances (record type, extent, and proximity to nest) Insta Read-50 mdb Insta Read-50 mdb Insta Alterations (record type, extent, and proximity to nest) Insta Read-50 mdb Insta Read-50 mdb Insta Alterations (record type, extent, and proximity to nest) Insta Read-50 mdb Insta Read-50 mdb Insta Alterations (record type, extent, and proximity to nest) Insta Read-50 mdb Insta Read-50 mdb Insta Alterations (record type, extent, and proximity to nest) Insta Read-50 mdb Insta Read-50 mdb Insta Alterations Insta Read-50 mdb Insta Read-50 mdb Insta Read-50 mdb Insta Alterations Insta Read-50 mdb Insta Read-50 mdb Insta Read	Date/Number of fledglings at dispersal: Banding data: incubation t)
Date of hatching: Date/Number Date of fledging: Banding dat Date of fledging: Banding dat NARRATIVE INFORMATION Nesting attempt failed (Yes/No), date/nesting period of failure: Incubation Reason for failure: Incubation Nest Abandoned (Yes/No), date: Nest Abandoned (Yes/No), date: Reason for abandonment:	Date/Number of fledglings at dispersal: Banding data: incubation t)
Date of hatching: filedglings at disperse Date of fledging: Banding dat NARRATIVE INFORMATION Nesting attempt failed (Yes/No), date/nesting period of failure: Incubation Reason for failure: Incubation Nest Abandoned (Yes/No), date: Nest Abandoned (Yes/No), date: Reason for abandonment:	t)
NARRATIVE INFORMATION Nesting attempt failed (Yes/No), date/nesting period of failure:	Date: 1/17/12
Nesting attempt failed (Yes/No), date/nesting period of failure:	t)
Reason for failure:	t)
Reason for failure:	t)
Nest Abandoned (Yes/No), date: Reason for abandonment: Disturbing Activities (record type, duration, and proximity to nest) Habitat Alterations (record type, extent, and proximity to nest) Gongoing Disturbances (record type, extent, and proximity to nest) 2 not a pponently influencing preeming or perching ured by: L. Stragis	t)
Reason for abandonment: Disturbing Activities (record type, duration, and proximity to nest) Habitat Alterations (record type, extent, and proximity to nest) Ongoing Disturbances (record type, extent, and proximity to nest) 2 pot a poper on the influencing_preening_or_perching_ ared by:L. Stragis	t)
Reason for abandonment: Disturbing Activities (record type, duration, and proximity to nest) Habitat Alterations (record type, extent, and proximity to nest) Ongoing Disturbances (record type, extent, and proximity to nest) 2 pot a poper on the influencing_preening_or_perching_ ared by:L. Stragis	t)
Reason for abandonment: Disturbing Activities (record type, duration, and proximity to nest) Habitat Alterations (record type, extent, and proximity to nest) Ongoing Disturbances (record type, extent, and proximity to nest) 2 pot a poper on the influencing_preening_or_perching_ ared by:L. Stragis	t)
Disturbing Activities (record type, duration, and proximity to nest)	e) Exist Road~555ydo and thail~150yds Date: Date:
Habitat Alterations (record type, extent, and proximity to nest) Ongoing Disturbances (record type, extent, and proximity to nest) <u>List Road-555 uds</u> 2 pot a poponently influencing preening or perching red by: <u>L. Stragis</u>	Date: 1/17/12
Habitat Alterations (record type, extent, and proximity to nest) Ongoing Disturbances (record type, extent, and proximity to nest) <u>List Road-555 uds</u> 2 pot a poponently influencing preening or perching red by: <u>L. Stragis</u>	Date: 1/17/12
Habitat Alterations (record type, extent, and proximity to nest) Ongoing Disturbances (record type, extent, and proximity to nest) <u>List Road-555 uds</u> 2 pot a poponently influencing preening or perching red by: <u>L. Stragis</u>	Date: 1/17/12
Habitat Alterations (record type, extent, and proximity to nest) Ongoing Disturbances (record type, extent, and proximity to nest) <u>List Road-555 yds</u> 2 pot a popor only influencing preening or perching ured by: <u>L. Stragis</u>	Date: 1/17/12
Habitat Alterations (record type, extent, and proximity to nest) Ongoing Disturbances (record type, extent, and proximity to nest) <u>List Road-Strydo</u> 2 pot apparently influencing preening or perching red by: <u>L. Stragis</u>	Date: 1/17/12
Ongoing Disturbances (record type, extent, and proximity to nest) <u>List Road-555 yds</u> 2 pot a pparently influencing preening or perching red by: <u>L. Stragis</u>	Date: 1/17/12
Ongoing Disturbances (record type, extent, and proximity to nest) <u>List Road-555 yds</u> 2 not a pparently influencing preening or perching red by: <u>L. Stragis</u>	Date: 1/17/12
ared by:L. Stragis	Date:
ired by:L. Stragis	Date:7/17/12
ired by:L. Stragis	Date:7/17/12
ared by:L. Stragis	Date:
red by:L. Stragis	Date:7/17/12
red by: <u>L. Stragis</u>	
red by: <u>L. Stragis</u>	
wed by:	
weaky	Date

	le <u>L</u> of <u>A</u>	SPOKAN	IE RIVER HY	DROELECTRIC PROJECT (FE BALD EAGLE NEST MONITORI 20_/2		2606-000)		- 1
Ι.	ID			The second secon		bserver Initial: <u>25</u> Rev	deuren Initiat	DA
	Territory Name: <u>Killarn</u>	ghale	Territory/I	Nest Number: <u>0710170</u>	<u>کـــــــــ</u> 0	bserver Initial: <u>20</u> Rev	newer mitian	·
11.	SURVEY SUMMARY	V						
~	Survey Code (1) Not Checked (2) N (6) Complete Survey, Pro-	Not Located oductivity De	(3) No In etermined	itial Occupancy Determination	(4) No Nesting Statu	s Update 🛛 (5) Produc	tivity Not De	termined
	Status Code	2) Other Spe	ecies 🗌 (3	3) Single Adult 🛛 🗌 (4) Occu	upied 🗌 (5) Active	🗌 (6) Unsuccessful	🏹 (7) Su	ccessful
	Nest Condition Code	(3)	Fair 🗌 (4) Poor 🗌 (5) Nest Destroy	/ed:			
	Nesting Determination] (2) Not Ac	tive 🗌 (3) M	Nest Abandoned 🛛 (4) Active	e, Not Successful) Active, Success Unknow	m 🔀 (6) Su	lccessful
	Number of Fledglings:	you you	ng (at or near	fledging age)				
111.	SURVEY RESULTS	15/12	Accoss	Plan fromkillann	4 Rd, two ne	sto -one on reight	tactive	AD
	OBSERVATION	Date Checked	Nest Condition	Nesting Activity (construction etc.)	Adult Presence / Behavior	Incubation/Brooding Posture	Number of Young	Stage of Young
	PERIOD							
	Initial Determination of							
	Initial Determination of Occupancy	WK	good	[Avista Review]	AD	MC		
×	Initial Determination of Occupancy		good	[Avista Review] active	AD	- mc		
	Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status				AD AD	inc.	WNK	vest.
an M	Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15	WK 4/5/12	good	active	AD	FILC	WNK	
	Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15	WK 4/5/12 4/10/12	good	Austa Dist Amess Pla	AD	FILC	wwk witc	
	Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings)	w ĸ	good	active	AD	jn.e		
	Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) Determine Productivity	WK 4/5/12 4/10/12 6/10/2	good good good	Austa Dist Amess Pla	AD AD	jne ine		
	Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings)	WK 4/5/12 4/10/12 6/10/2 5/20)	good	Austa Dist Amess Pla	AD AD	ine ine nearby sang	mu:1c Z/AZ	
	Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) Determine Productivity June 15 – July 31	WK 4/5/12 4/10/12 6/10/2	good good good	Austa Dist Amess Pla	AD AD	ine ine nearby sang		 vestki 3/p/i fila
Page <u>A</u> of <u>A</u>

Killarner Territory/Nest Number:_____

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Date of adult arrival:	Date of adult dispersal:	
Date of egg laying:	Clutch size:	
Date of hatching:	Date/Number of fledglings at dispersal:	
Date of fledging:	Banding data:	
NARRATIVE INFORMATION Nesting attempt failed (Yes/No), date/nesting period o Reason for failure:	of failure:	
		All and a second se
Nest Abandoned (Yes/No), date:		
Reason for abandonment:		
Habitat Alterations (record type, extent, and proximity	y to nest) - IN April - Mara 1.00	M. nimenco suboro apri-
upsteam ~2,500 in bay N	efaccern pt.	A DUMENUD DIELO BUIGO
Ongoing Disturbances (record type, extent, and proxi	imity to nest)	
ared by: 5, Strais		Date: 7/20/12 Date: 9/18/12
ared by:		1 11

1_of_2_		•	BALD EAGLE NEST MONITO				- 0
D have the second		To without (A	last Number 071 2540		bserver Initial: <u></u>	iewer Initial:	P\$1
erritory Name: Mica	say	Territory/N	Nest Number:			-	
SURVEY SUMMARY			a destruction and a destruction of the		and the second second		
Survey Code] (1) Not Checked [] (2) № 🛿 (6) Complete Survey, Pro	lot Located oductivity De	(3) No Ini termined	tial Occupancy Determination	(4) No Nesting Statu	s Update 🛛 (5) Product	tivity Not De	termined
	2) Other Spe	cies 🗌 (3) Single Adult 🛛 (4) Oc	ccupied 🛛 🖾 (5) Active	🗌 (6) Unsuccessful	风 (7) Su	ccessful
Nest Condition Code (1) New 🔀 (2) Good	(3)	Fair 🗌 (4) Poor 🗌 (5) Nest Destr	oyed:			
Vesting Determination (1) Status Unknown] (2) Not Act	tive 🗌 (3) N	Nest Abandoned 🗌 (4) Acti	ve, Not Successful	5) Active, Success Unknown	n ⁄ (6) Su	iccessful
			fledging age)				
Number of Fledglings:	<u> </u>	ng (at or near	neuging age)				
Number of Fledglings: SURVEY RESULTS	_dyou	ng (at or near				Number	Stage
	Date Checked	ng (at or near Nest Condition	Nesting Activity (construction etc.)	Adult Presence / Behavior	Incubation/Brooding Posture	Number of Young	Stage of Young
OBSERVATION PERIOD	Date	Nest	Nesting Activity		Posture	of	of ·
OBSERVATION PERIOD	Date	Nest	Nesting Activity		Posture perched on	of	of ·
OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early	Date Checked	Nest Condition	Nesting Activity (construction etc.)	Behavior	Posture	of	of ·
OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation)	Date Checked	Nest Condition	Nesting Activity (construction etc.)	Behavior AD	Posture perched on smag near nest	of	of ·
OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early	Date Checked	Nest Condition	Nesting Activity (construction etc.) [Avista Review] active	Behavior AD 2 AD gridge	Posture perched on	of	of ·
SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) para Update Nesting Status April 1 – June 15 (late incubation and	Date Checked UUK 4/3/12	Nest Condition 6000	Nesting Activity (construction etc.)	Behavior AD 2 AD gridge	Posture perched on smag near nest	of	of ·
OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) para Update Nesting Status April 1 – June 15 (late incubation and nestlings)	Date Checked UUK 4/3/12 4/10/12	Nest Condition	Nesting Activity (construction etc.) [Avista Review] active Avista DEA Access F	Behavior AD 2 AD gridge an] AD	Posture perched on smag near nest or on nest inc TENC	of Young	of Young nestlings
SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) plane Update Nesting Status April 1 – June 15 (late incubation and nestlings) Determine Productivity	Date Checked UUK 4/3/12 4/10/12	Nest Condition 6000	Nesting Activity (construction etc.) [Avista Review] active Avista DEA Access F	Behavior AD 2 AD gridge an]	Posture perched on smag near nest or on nest inc TENC	of	of Young
OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) para Update Nesting Status April 1 – June 15 (late incubation and nestlings)	Date Checked UUK 4/3/12	Nest Condition 60000	Nesting Activity (construction etc.) [Avista Review] active Avista Di A Ameas F active	Behavior AD 2 AD gridge an] AD	Posture perched on smag near nest or on nest inc TENC	of Young	of Young nestlings

Page 2 of 2

Territory/Nest Number: Mica Bau

Date of adult arrival: Date of adult dispersal: Date of egg laying: Clutch size: Date of hatching: Tedglings at dispersal: Date of fledgling: Banding data: NARRATIVE INFORMATION Nesting attempt failed (Yes/No), date/nesting period of failure: Reason for failure:					· · ·
Date of hatching: Date/Number of fledglings at dispersal: Date of fledgling: Banding data: NARRATIVE INFORMATION Banding data: NARRATIVE INFORMATION Reason for failure: Reason for failure:	Date of adult arrival:	D	ate of adult dispersal:		8
Date of hatching: fledglings at dispersal: Date of fledging: Banding data: NARRATIVE INFORMATION Banding data: NARRATIVE INFORMATION Reason for failure: Reason for failure: Reason for failure:	Date of egg laying:		Clutch size:		
NARRATIVE INFORMATION Nesting attempt failed (Yes/No), date/nesting period of failure: Reason for failure:	Date of hatching:	fl			
NARRATIVE INFORMATION Nesting attempt failed (Yes/No), date/nesting period of failure: Reason for failure:	Date of fledging:	10682	Banding data:		±
Reason for failure:		eriod of failure:			ţ.
Nest Abandoned (Yes/No), date:	Reason for failure:				·
Reason for abandonment:				The second s	
Reason for abandonment:	Nest Abandoned (Yes/No), date:			-	
Disturbing Activities (record type, duration, and proximity to nest)					
Habitat Alterations (record type, extent, and proximity to nest) Existing established road 20-40 yards a Ongoing Disturbances (record type, extent, and proximity to nest) Residential use - seasonal - this year use Noticed in Suly ared by: L. Stragis Date:					
Ongoing Disturbances (record type, extent, and proximity to nest) Residential use - seasonal - this year use Noticed in July ared by: Date:	Disturbing Activities (record type, duration, and	proximity to nest)			
Residential use - seasonal - this year use Noticed in July ared by: <u>h. Stragis</u> Date: <u>7/17/12</u>	Habitat Alterations (record type, extent, and pro	ximity to nest)	ng established.	nond 20-40	yards a ho
Residential use - seasonal - this year use Noticed in July ared by: <u>L. Stragis</u> <u>Date: 7/17/12</u>					
Date: //////	Ongoing Disturbances (record type, extent, and Residential use	proximity to nest) - seasonal - thi	s year use h	votice d in J.	ūly
Date:AAAAAAAAAAAAAAAAAAAA					7/17/12
				Date:	3/18/12

Pag	ieof ID Territory Name:	eesta a		DROELECTRIC PROJECT (FI BALD EAGLE NEST MONITOI 2013 lest Number:		12606-000) Observer Initial: <u>LS</u> Rev	viewer Initial:	A
II.	SURVEY SUMMARY	Ũ						
	Survey Code (1) Not Checked (2) N (6) Complete Survey, Pro	lot Located	(3) No Initetermined	tial Occupancy Determination	☐ (4) No Nesting Statu	us Update 🛛 (5) Produc	tivity Not De	termined
	Status Code	2) Other Spe	ecies 🗌 (3)) Single Adult (4) Oct	cupied 🗌 (5) Active	(6) Unsuccessful	🗌 (7) Su	ccessful
	Nest Condition Code		Pair (4	4) Poor 🗌 (5) Nest Destro	byed:			
	Nesting Determination (1) Status Unknown Number of Fledglings:		tive 🔲 (3) N ing (at or near		ve, Not Successful	5) Active, Success Unknow	m 🔲 (6) Su	ccessful
111. *	SURVEY RESULTS 4/2	5/12 0	vent by	ranches ton	90 can't see	nest	Number	Stage
	OBSERVATION PERIOD	Date Checked	Nest Condition	Nesting Activity (construction etc.)	Adult Presence / Behavior	Incubation/Brooding Posture	of Young	of Young
	Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation)	1/10/12 aerial		ird spotted NZ	rot four of tocation no nest not fo	and hyw.		Addustrantecesus
	Update Nesting Status April 1 – June 15 (late incubation and			Rose Lake alt.				
	April 1 – June 15			Rose dake alt.				
1	April 1 – June 15 (late incubation and			Rose dake alt.				

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Page <u>2</u>of <u>2</u>

Territory/Nest Number: Mission Stough Z

	Date of adult arrival:		Date of adult dispersal:	
	Date of egg laying:		Clutch size:	
			Date/Number of	
	Date of hatching:		fledglings at dispersal:	
	Date of fledging:	1 A Martin State	Banding data:	
v.			Dunung uuta.	
۷.	NARRATIVE INFORMATION			
	Nesting attempt failed (Yes/No), date/nest	ing period of failure:		
	Reason for failure:		,	
	Nest Abandoned (Yes/No), date:			
	Reason for abandonment:			
	· · · · · · · · · · · · · · · · · · ·			
	Disturbing Activities (record type, duratio			
		ing and proximity to nest/		
	Habitat Alterations (record type, extent, ar	nd proximity to nest)		
	Ongoing Disturbances (record type, exten	t, and proximity to nest)		
		· · · · · · · · · · · · · · · · · · ·		
	00.			
	pared by:		3 T	Date: 7/17/12
Revi	ewed by:			Date: 9/18/12
		1998 - S. 1278 - S.		
			Prove Constant	

- P	Page	of	SPOKAN	IE RIVER HYI	DROELECTRIC PROJE BALD EAGLE NEST M 20 M	ONITORING FORM	15-091 and 1	2606-000)		- 0
Ι.		ום Territory Name: <u>Mi≲sīonS</u> l	ough/Ros	e/ Territory/N	lest Number:	7101902	o	bserver Initial: <u>] </u> Rev	iewer Initial:	A
11	I	SURVEY SUMMARY	Thak	e.						
		Survey Code ☐ (1) Not Checked ☐ (2) N ☆ (6) Complete Survey, Pro	lot Located oductivity De	(3) No Ini termined	tial Occupancy Determi	nation 🔲 (4) No N	lesting Statu	s Update 🛛 (5) Produc	tivity Not De	termined
		Status Code	2) Other Spe	cies 🗌 (3) Single Adult	4) Occupied] (5) Active	X (6) Unsuccessful	🗌 (7) Su	ccessful
		Nest Condition Code	(3)	Fair 🗌 (-	4) Poor 🗌 (5) Nest	Destroyed:				
		Nesting Determination (1) Status Unknown] (2) Not Act	tive 🔲 (3) N	lest Abandoned 🛛 🕅 (4) Active, Not Succe	ssful 🗌 (5) Active, Success Unknow	n 🔲 (6) Su	iccessful
		Number of Fledglings:	<u> </u>	ng (at or near	fledging age)					
÷ [11.	SURVEY RESULTS ACC	ess Pl	m 45	1/12 AD stard	lina notince.	loating	@ nat		
		OBSERVATION PERIOD	Date Checked	Nest Condition	Nesting Activity (construction etc.	Adult Pr	esence /	Incubation/Brooding Posture	Number of Young	Stage of · Young
۲ ه		Initial Determination of Occupancy	tion to	anod		AD		near	······	
		February 1 – March 31 (pre-egg laying and early incubation)	tun K		Autota Review]				-	
		Update Nesting Status April 1 – June 15	4/5/12	good	<u></u>	AD		OlstandQnest		
		(late incubation and	5		JAVISTA Dit Acc	ess Plan				
		nestlings)	4/10/12	good .	active	2			2(+?)	nestlings?
		Determine Productivity June 15 – July 31	cin	good	none	- J	•		UNK- NO	ne soar
		(late nestling and	7/20/2	and	nore	7			ý.	
~		fledging)	Scat C	111		3/00/00	10. d X		P	

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Page <u>2</u> of <u>2</u>

Territory/Nest Number: Mission Rose Lake

Date of adult arrival:	Date of adult dispersal:	
Date of egg laying:	Clutch size:	1.2.5
	Date/Number of	
Date of hatching:	fledglings at dispersal:	
Date of fledging:	Banding data:	
NARRATIVE INFORMATION		
Nesting attempt failed (Yes/No), date/nesting period of f	ailure: late snow - check date	4 m
Reason for failure:	- Mile Show - Children	·/ ·
		5
Nest Abandoned (Yes/No), date:		
Reason for abandonment:		
Disturbing Activities (record type, duration, and proximi	ity to nest)	
4		
Habitat Alterations (record time extent and must it	milali O	
Habitat Alterations (record type, extent, and proximity to	pridential	
Ongoing Disturbances (record type, extent, and provimi	ty to nest)	
Ongoing Disturbances (record type, extent, and proximi	ty to nest)	
Ongoing Disturbances (record type, extent, and proximi	ty to nest)	
	ty to nest)	
		te: 3/10/10
red by: <u>fShagis</u>	Da	te: $\overline{7}$ $17/12$
Ongoing Disturbances (record type, extent, and proximi red by:	Da	te: <u>9/12</u> te: <u>9/12</u>

Page <u>1</u> of <u>2</u> I. ID Territory Name: <u>Port Fo</u>			PROELECTRIC PROJECT (FI BALD EAGLE NEST MONITOR 20 <u>12</u> lest Number:71080			2606-000) oserver Initial: <u>)</u> _SRev	viewer Initial	
II. SURVEY SUMMARY								
Survey Code (1) Not Checked (2) N (3) (6) Complete Survey, Pro	lot Located oductivity Def	(3) No Init ermined	ial Occupancy Determination	🗌 (4) No Nestin	g Status	Update 🗌 (5) Produc	tivity Not De	etermined
Status Code	2) Other Spec	cies 🗌 (3)	Single Adult (4) Oct	cupied 🚺 (5) A	ctive	🗌 (6) Unsuccessful	🕅 (7) Su	iccessful
Nest Condition Code) 🗆 (3) I	-air 🗌 (4) Poor 🗌 (5) Nest Destro	oyed:				
Nesting Determination (1) Status Unknown] (2) Not Acti	ve 🗌 (3) N	est Abandoned 🛛 (4) Activ	ve, Not Successful	[] (5]	Active, Success Unknow	/n 🛛 (6) Si	uccessful
Number of Fledglings:	<u>1 </u>	ng (at or near f	fledging age)	e El constante de la constante				
III. SURVEY RESULTS			5 N. N	· · · · · · · · · · · · · · · · · · ·				<
OBSERVATION	Date Checked	Nest Condition	Nesting Activity (construction etc.)	Adult Presen Behavior	e /	Incubation/Brooding Posture	Number of Young	Stage of Young
Initial Determination of								
Occupancy February 1 – March 31			2 			· · · · · · · · · · · · · · · · · · ·	n (54)	
(pre-egg laying and early								
incubation)	e-les rep	g For Le Bau	-18 a. (9 1) Al					
Update Nesting Status	4/3/12	Good	active	AD	<u> </u>	inc		-
April 1 – June 15 (late incubation and	1.1.		Avista DSA Access Plan	No. 1				
nestlings)	4/10	Good	active	AD		inc	we	nestling
	aprial						1/21	2/1
Determine Productivity	6/2/12	9001	active	9AD		brood	1(+?)	3c/d 3d
June 15 – July 31 (late nestling and fledging)	7/3/12	good	active	02+1AP 80y	ds ups	tran		201

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Page _2_ of _2_

Post Falls Territory/Nest Number:____

Date of adult arrival:	Date of adult dispersal:	
Date of egg laying:		
	Clutch size: Date/Number of	
Date of hatching:	fledglings at dispersal:	
Date of fledging:	Banding data:	
NARRATIVE INFORMATION		
Nesting attempt failed (Yes/No), date/nest	ting povied of follows	
	ung period of failure:	·
Reason for failure:		
Nest Abandoned (Yes/No), date:		
Reason for abandonment:		
when BASA was returning _ Jin Habitat Alterations (record type, extent, an		TOWER BALLA QU. VENI
Ongoing Disturbances (record type, exten	nt, and proximity to nest) <u>espery</u> feeding /dan	operation
ared by: L. Stragis		Date: 7/17/12
ewed by:		Date: 5/18/12
		Date. // 10/ 10
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Pa	age of	SPOKAN	E RIVER HYD	ROELECTRIC PROJECT (FI BALD EAGLE NEST MONITOR 2012	ERC Nos. 2545-09 RING FORM	1 and 12	(606-000)		
1.	ID	1						· · · · · · · · · · · · · · · · · · ·	A
	Territory Name: Raini	Hillho	rth_Territory/N	lest Number: 0710 74	$\frac{10^{-2}}{2}$	Ob	server Initial: <u>/</u> SRev	viewer Initial:	<u> </u>
, . II.				010140	21-Goose)				
	Survey Code (1) Not Checked (2) N (6) Complete Survey, Pro	lot Located oductivity De	(3) No Ini termined	tial Occupancy Determination	🔲 (4) No Nesting	g Status	Update 🛛 (5) Produc	tivity Not Del	ermined
	Status Code (2) Other Spe	cies 🗌 (3)) Single Adult [.(4) Oct	cupied 🔀 (5) A	ctive	🗌 (6) Unsuccessful	[] (7) Suc	ccessful
	Nest Condition Code (1) New (2) Good	(3)	Fair 🗌	9 Poor 🗍 (5) Nest Destro	oyed:	•			
	Nesting Determination (1) Status Unknown] (2) Not Act	ive 🗌 (3) N	lest Abandoned 🛛 (4) Activ	ve, Not Successful	(5)	Active, Success Unknow Cof data May-e nd vantage prom	n [] (6) Su early Jul	ccessful
	Number of Fledglings: <u>ル</u>	N-V vou	ng (at or near	fledging age)		<u> </u>	duranta an an	t bu boa	7 Juli
		IT Description of the second				100	nor ourning e prim	Q	Ĺ
11		<u>, , , , , , , , , , , , , , , , , , , </u>				7800			
11		Date	Nest	Nesting Activity (construction etc.)	Adult Presend Behavior		Incubation/Brooding Posture	Number of Young	Stage of Young
n	I. SURVEY RESULTS OBSERVATION PERIOD Initial Determination of			Nesting Activity	Adult Presend		Incubation/Brooding	Number of	Stage of
11	I. SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy	Date Checked	Nest Condition	Nesting Activity	Adult Presend		Incubation/Brooding Posture	Number of	Stage of
n	I. SURVEY RESULTS OBSERVATION PERIOD Initial Determination of	Date	Nest	Nesting Activity	Adult Presend		Incubation/Brooding Posture	Number of	Stage of
n	I. SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early	Date Checked	Nest Condition	Nesting Activity (construction etc.)	Adult Presence Behavior		Incubation/Brooding Posture	Number of	Stage of
11.	I. SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15	Date Checked 544715 4/5/12	Nest Condition good	Nesting Activity (construction etc.)	Adult Presence Behavior		Incubation/Brooding Posture	Number of Young	Stage of Young
11	I. SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15	Date Checked 544715 4/5/12	Nest Condition good	Nesting Activity (construction etc.)	Adult Presence Behavior		Incubation/Brooding Posture	Number of Young	Stage of
11	I. SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15	Date Checked	Nest Condition good	Nesting Activity (construction etc.) [Auista Review] goase on neat - photo Avista DEt Access Plan]	Adult Presence Behavior		Incubation/Brooding Posture	Number of Young	Stage of Young
11	I. SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) Determine Productivity	Date Checked (4/15/12 4/10/12 aunial 4/25/12	Nest Condition good yood	Nesting Activity (construction etc.) [Austa Review] [Austa Review] goose on newt - photo Austa DEt Across Phan] New nest location	Adult Presence Behavior		Incubation/Brooding Posture	Number of Young	Stage of Young
11	I. SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) Determine Productivity June 15 – July 31	Date Checked (4)15 4/5/12 4/10/12 acri al	Nest Condition good yood	Nesting Activity (construction etc.) [Avista Review] [Avista Review] goose on neat-photo Avista DEt Across Phan] New nest location active	Adult Presence Behavior		Incubation/Brooding Posture	Number of Young 2/4?) net visi	Stage of Young
11	I. SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) Determine Productivity	Date Checked (4) (4) (5) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	Nest Condition good yood	Nesting Activity (construction etc.) [Auista Review] goose on neot - photo Avista DEt Access Plan] New nest location active active	Adult Presence Behavior		Incubation/Brooding Posture Standing a nest perched a nest cate by lar	Number of Young 2.(1?) not visi	Stage of Young
11	I. SURVEY RESULTS OBSERVATION PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) Determine Productivity June 15 – July 31 (late nestling and	Date Checked 4/5/12 4/10/12 4/10/12 4/125/12 4/125/12	Nest Condition good yood	Nesting Activity (construction etc.) [Avista Review] [Avista Review] goose on neat-photo Avista DEt Across Phan] New nest location active	Adult Presence Behavior		Incubation/Brooding Posture	Number of Young 2/4?) net visi	Stage of Young

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Page 2 of 2

Territory/Nest Number: Rainy Hill

Date of adult arrival:	Date of adult dispersal:
Date of egg laying:	Clutch size:
	Date/Number of
Date of hatching:	fledglings at dispersal:
Date of fledging:	Banding data:
NARRATIVE INFORMATION	
Nesting attempt failed (Yes/No), date/nesting period	of failure:
Reason for failure:	
Nest Abandoned (Yes/No), date:	
Reason for abandonment:	En la constance de la constance
state and the second	
Disturbing Activities (record type, duration, and prox	ximity to nest)
Habitat Alterations (record type, extent, and proximity	ty to post)
	ty to nest)
-	
Ongoing Disturbances (record type, extent, and prox	ximity to nest)
	anity to hosty
and hut	
ared by: K.Straas	Date: 7/17/17
wed by:	Date: 7/17/12
	Date: 7/17/12 Date: 9/18/12

	e of ID Territory Name: <u>St. Ma</u>			ROELECTRIC PROJECT (FI BALD EAGLE NEST MONITOR 20 <u>1</u> 2		2606-000) oserver Initial:	iewer Initial:	A
11.	SURVEY SUMMARY							
	Survey Code ☐ (1) Not Checked ☐ (2) N ☑ (6) Complete Survey, Pro	lot Located oductivity De	(3) No Ini termined	tial Occupancy Determination	☐ (4) No Nesting Status	Update 🔲 (5) Produc	tivity Not Dete	ermined
	Status Code	2) Other Spe	cies 🗌 (3) Single Adult 🛛 🗌 (4) Oc	cupied 🛛 (5) Active	(6) Unsuccessful	(7) Suc	cessful
	Nest Condition Code (1) New X (2) Good	. 🗌 (3)	Fair 🗌 (4) Poor 🗌 (5) Nest Destr	oyed:	-		
	Nesting Determination (1) Status Unknown] (2) Not Act	tive 🗌 (3) N	Nest Abandoned 🛛 (4) Activ	ve, Not Successful) Active, Success Unknow	n 🛛 (6) Suc	ccessful
	Number of Fledglings:]you	ng (at or near	fledging age)				
111.	SURVEY RESULTS 4/03	3/02 Ac	COLD REDI	ieus-tio on nost			Number	Stage
	OBSERVATION	Date Checked	Nest Condition	Nesting Activity (construction etc.)	Adult Presence / Behavior	Incubation/Brooding Posture	of Young	of · Young
	Initial Determination of Occupancy							
	February 1 – March 31 (pre-egg laying and early	wk	good	[Avista Raview]				in the second
	February 1 – March 31 (pre-egg laying and early incubation)		good					
	February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15	1/03/12	good g	active	AD	inc		leaster
	February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status	4/03/12	and	Avista Dit Accoss Plan]	ø			Teggster neetling 3é VCL
	February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) Determine Productivity	4/03/12	and	active Avista Dit Accor Plan] active active/ph2 obs	with by Gluge,			Teggster neetling 3 d VCL
	February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings)	4/03/12	and	Avista Dit Accoss Plan]	with by Gluge,			regester neetling
	February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) Determine Productivity June 15 – July 31 (late nestling and	4/03/12 4/10/12 6/6/12	d good good	active Avista Dit Accor Plan] active active/ph2 obs	with by Gluge,			Teggster neetling 3 d VCL

Page 2 of 2

Territory/Nest Number:_____St. Maries

Date of adult arrival:	Date of adult dispersal:
Date of egg laying:	Clutch size:
Date of hatching:	Date/Number of fledglings at dispersal:
Date of fledging:	Banding data:
NARRATIVE INFORMATION	
Nesting attempt failed (Yes/No), date/nestir	ng period of failure:
Reason for failure:	
Nest Abandoned (Yes/No), date:	
Reason for abandonment:	and the state of the second
Disturbing Activities (record type, duration	and proximity to nest)
Habitat Alterations (record type, extent, and	d proximity to nest)
Habitat Alterations (record type, extent, and	a proximity to nest)
Habitat Alterations (record type, extent, and	a proximity to nest)
	a proximity to nest)
Ongoing Disturbances (record type, extent,	
Ongoing Disturbances (record type, extent,	c, and proximity to nest)
Ongoing Disturbances (record type, extent,	and proximity to nest)

Page	eof	SPOKAN	E RIVER HYD	DROELECTRIC PROJECT (F Bald Eagle Nest Monito 20 / み	ERC Nos. 2545-091 an DRING FORM	d 12606-000)		~ 1
	ID Territory Name: Swan SURVEY SUMMARY	Lake	Territory/N	Nest Number: <u>07/6200</u> (Island new)	32	_Observer Initial: <u>/_</u> Rev	viewer Initial:	2M
	Survey Code (1) Not Checked (2) N (6) Complete Survey, Pro	lot Located oductivity De	(3) No Ini termined	tial Occupancy Determinatior	n 🔲 (4) No Nesting Sta	atus Update 🛛 🗌 (5) Produc	tivity Not De	termined
		2) Other Spe	cies 🗌 (3) Single Adult (4) Od	ccupied 🗌 (5) Active	e 🗌 (6) Unsuccessful	🕅 (7) Su	ccessful
	Nest Condition Code (1) New (2) Good	(3)	Fair 🕅 🤇	4) Poor 🗌 (5) Nest Dest				
	Nesting Determination (1) Status Unknown Number of Fledglings:] (2) Not Act	tive 🔲 (3) N ng (at or near	· · ·	ive, Not Successful] (5) Active, Success Unknow	/n 🕅 (6) Su	iccessful
ш.	SURVEY RESULTS	1		ΛĴ.			Number	Stage
	OBSERVATION	Date	Nest	Nesting Activity	Adult Presence /	Incubation/Brooding	of	of
•	PERIOD	Checked	Condition	(construction etc.)	Behavior	Posture	Young	Young
	Initial Determination of Occupancy	Checked			Behavior BASA present		Young	
	Initial Determination of Occupancy		Condition	(construction etc.)	BASA present	Posture	Young	
	Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15		good Good		BASA present			Young
	Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and	4/5/12 4/25/12	good Good	[Avista Review]	AD AD	Posture perched on hee room nest?	not visi	Young
	Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) arright Determine Productivity June 15 – July 31	4/5/12	good Good	[Avista Review]	AD AD	Posture 	not visi	Young
	Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings)	4/5/12 4/5/12 4/25/12 6/6/12 6/9/12 7/12/12	good Good Good	[Avista Review] [Avista DiA Access Plan Nestusible Son Roc	AD AD	Posture perched on hee room nest?	not visi	Young
	Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) arrively Determine Productivity June 15 – July 31 (late nestling and	4/5/12 4/5/12 4/25/12 E/6/12	good Good Good Good	Avista Review] Avista DiA Acceso Plan Nestusible Som Roc AD FY	AD AD AD AD AD AD AD AD	Posture perched on hee room nest?	not visi	Young

Page 2 of 2

Territory/Nest Number: Swan Lake

Date of adult arrival:	Date of adult dispersal:	
Date of egg laying:	Clutch size:	
Date of hatching:	Date/Number of fledglings at dispersal:	
Date of fledging:	Banding data:	
IARRATIVE INFORMATION		
lesting attempt failed (Yes/No), date/nesting pe	eriod of failure:	
Reason for failure:		
leason for abandonment:		
Disturbing Activities (record type, duration, and	d proximity to nest)	
abitat Alterations (record type, ovtent, and are		
iccord type, extent, and pro	oximity to nest)	
•		
	d proximity to nest)	
	d proximity to nest)	
Ingoing Disturbances (record type, extent, and	d proximity to nest)	
	Date: 7/17/12	

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Page	of	SPOKAN	E RIVER HYD	DROELECTRIC PROJECT (FE BALD EAGLE NEST MONITOR 20 <u>1</u> 2	ERC Nos. 2545-091 and ² RING FORM	12606-000)		
I.	ID			2012				A
	Territory Name: Turner	Bar	Territory/N	Nest Number: 6710660	30	bserver Initial: <u>LS</u> Rev	iewer Initial:	
)	1.1	0710660	5			
	SURVEY SUMMARY			0210650				
	Survey Code (1) Not Checked (2) N (6) Complete Survey, Pro-	lot Located oductivity De	(3) No Initermined	tial Occupancy Determination	☐ (4) No Nesting Statu	is Update 🗌 (5) Produc	tivity Not De	etermined
	Status Code	2) Other Spe	cies 🗌 (3) Single Adult (4) Occ	cupied 🖾 (5) Active	🗌 (6) Unsuccessful	(7) Su	iccessful
	Nest Condition Code	(3)	Fair 🗌 (4) Poor 5) Nest Destro	oyed: earlier most	5 collapsed		
	Nesting Determination] (2) Not Act	tive 🗌 (3) N	Nest Abandoned 🛛 (4) Activ	e, Not Successful	5) Active, Success Unknow	m 💢 (6) Si	uccessful
	Number of Fledglings:	2 you	ng (at or near	fledging age)	2			
ш.	SURVEY RESULTS			$\Lambda : \pi \cap $	and going the state of the state			
			we were	, , , , , , , , , , , , , , , , , , ,				
	OBSERVATION	Date	Nest	Nesting Activity (construction etc.)	Adult Presence / Behavior	Incubation/Brooding Posture	Number of Young	Stage of Young
	PERIOD	Date Checked	Nest Condition	Nesting Activity (construction etc.)			of	of ·
	PERIOD Initial Determination of	Checked	Condition	(construction etc.)	Behavior	Posture	of	of ·
	PERIOD Initial Determination of Occupancy February 1 – March 31			(construction etc.)			of	of ·
	PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early	Checked	Condition	(construction etc.)	Behavior	Posture	of	of ·
	PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation)	Checked	Condition	(construction etc.) active [Avista Review]	Alo	Posture	of	of ·
	PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status	Checked	Condition	(construction etc.) active [Avista Review] active	Behavior	Posture	of	of ·
	PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and	Checked	Condition acod good	(construction etc.) active [Avista Review] active [Avista DSA Access Plan]	Ab AD	Posture INC	of Young	of ·
	PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15	Checked	Condition acred good acred	(construction etc.) active [Avista Review] active [Avista DSA Access Plan] active	Ab Ab AD AD	INC INC	of	of Young
	PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings)	Checked	Condition acod good	(construction etc.) active [Avista Review] active [Avista DSA Access Plan]	Ab AD	Posture INC	of Young	of Young
	PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) Determine Productivity	Checked	Condition good good good good good	(construction etc.) active [Avista Review] active [Avista DSA Access Plan] active	Ab Ab Ab Ab Ab AD AO	INC INC	of Young	of Young
	PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings)	Checked	Condition acred good acred	(construction etc.) active [Avista Review] active [Avista DSA Access Plan] active	Ab Ab AD AD	INC INC	of Young	of Young
	PERIOD Initial Determination of Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) Determine Productivity June 15 – July 31	Checked	Condition good good good good good	(construction etc.) active [Avista Review] active [Avista DSA Access Plan] active	Ab Ab Ab Ab Ab AD AO	INC INC	of Young	of Young
	PERIODInitial Determination of OccupancyFebruary 1 – March 31 (pre-egg laying and early incubation)Update Nesting Status April 1 – June 15 (late incubation and nestlings)Determine Productivity June 15 – July 31 (late nestling and	Checked	Condition good good good good good	(construction etc.) active [Avista Review] active [Avista DSA Access Plan] active	Ab Ab Ab Ab Ab AD AO	INC INC	of Young	of Young
	PERIODInitial Determination of OccupancyFebruary 1 – March 31 (pre-egg laying and early incubation)Update Nesting Status April 1 – June 15 (late incubation and nestlings)Determine Productivity June 15 – July 31 (late nestling and filedging)	Checked	Condition good good good good good	(construction etc.) active [Avista Review] active [Avista DSA Access Plan] active	Ab Ab Ab Ab Ab AD AO	INC INC	of Young	of Young

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Territory/Nest Number: Turner Bay

		1
Date of adult arrival:	Date of adult dispersal:	2
Date of egg laying:	Clutch size:	
Date of hatching:	Date/Number of fledglings at dispersal:	
Date of fledging:	Banding data:	
NARRATIVE INFORMATION	Const.	
Nesting attempt failed (Yes/No), date/nesting period of	failure:	· · · · · · · · · · · · · · · · · · ·
Reason for failure:	· • • •	
Nest Abandoned (Yes/No), date:		
Reason for abandonment:		
Disturbing Activities (record time duration)		
Disturbing Activities (record type, duration, and proxim	nity to nest)	
Habitat Alterations (record type, extent, and proximity t	to nest)	Li Fuit
·		
Ongoing Disturbances (record type, extent, and proxim	nity to nest)	
ared by: L. Stragis		Deter
ared by: <u>Lestragis</u> ewed by:		Date: 7/20/12 Date: 5/18/12

ge 1_ of	SPOKAN	NE RIVER HY	DROELECTRIC PROJECT (I BALD EAGLE NEST MONITO 20 <u>/</u> 2		12606-000)		
ID Territory Name: Tur He	Lake	Territory/	Nest Number: <u>6 740</u>	2/402	Observer Initial: <u>LS</u> Re	viewer Initial:	2
SURVEY SUMMARY	1		and the second sec				
Survey Code (1) Not Checked (2) I (6) Complete Survey, Pr	Not Located oductivity De	(3) No In etermined	itial Occupancy Determination	n 🔲 (4) No Nesting Stat	us Update 🛛 🔀 (5) Produc	ctivity Not Determine	əd
Status Code	2) Other Spe	ecies 🗌 (3	3) Single Adult (4) O	ccupied 🛛 🖾 (5) Active	😡 (6) Unsuccessful	(7) Successfu	اد
Nest Condition Code [] (1) New [] (2) Good	(3)	Fair	(4) Poor 🛛 (5) Nest Dest	royed:			_
Nesting Determination (1) Status Unknown] (2) Not Ac	tive 🗌 (3) I	Nest Abandoned 🛛 🔀 (4) Act	ive, Not Successful	(5) Active, Success Unknow	vn 🔲 (6) Successfi	ul
Number of Fledglings:	O you	ing (at or near	fledging age)	the marked of	1		
			· · · · · · · · · · · · · · · · · · ·		1	24 a	
OBSERVATION PERIOD	Date Checked	Nest Condition	Nesting Activity (construction etc.)	Adult Presence / Behavior	Incubation/Brooding Posture	Number Stag of of Young Youn	
Initial Determination of Occupancy							
February 1 – March 31	wk.	good	[Avista Review]	AD			
(pre-egg laying and early	e'	6		AD	INC	Another Reality Contractions	
incubation)	4/03/1	2 good	active Avist DSA Area	Plan +10	9 INC	Saurenter Restoration	
Update Nesting Status	4/10/12	good	active	AO	INC		
April 1 – June 15	1/14 -	σ	iet boat race : see	enextpade -			
(late incubation and nestlings)	anial		J	.0-			
	4/25/12	avod		Ø		not uisible - new	stling.
Determine Productivity June 15 – July 31	6/6/12	good	other binds rear rost	140	Ber downstream	wk wk	-
(late nestling and	, , , , , , , , , , , , , , , , , , ,						_
fledging)	2/11/12	good	poactivity	•	nothing visi	ple	
			`	1		· ·	

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Page 2 of 2

Territory/Nest Number: Turtle 0 a

SUPPLEMENTAL NESTING INFORMATION (If ki	nown)	
Date of adult arrival:	Date of adult dispersal:	2
Date of egg laying:	Clutch size:	
Date of hatching:	Date/Number of fledglings at dispersal:	
Date of fledging:	Banding data:	
NARRATIVE INFORMATION Nesting attempt failed (Yes/No), date/nesting per Reason for failure: <u>unknoun</u>		
Nest Abandoned (Yes/No), date:		
Reason for abandonment:		· · · · ·
Disturbing Activities (record type, duration, and	proximity to nest) boat race 4/14 arr	<u>)</u>
Habitat Alterations (record type, extent, and pro	ximity to nest)	
Ongoing Disturbances (record type, extent, and	proximity to nest) <u>Ranching + residences</u> w	early
ared by:		
ewed by:	Date:	61
	Date.	1101 12
	and the second state where the second state of the second states and the	

	e of	SPOKAN	E RIVER HYD	ROELECTRIC PROJECT (FE BALD EAGLE NEST MONITOR 2012	ERC Nos. 2545-091 RING FORM					
I.	ID Territory Name: Windy	Bayson	Territory/N	lest Number: <u>58 100 12</u>	23	Ob	oserver Initial: <u>LS_</u> Revi	iewer Initial:	VII-	
il.	SURVEY SUMMARY	 ✓ 1 	i g	USIDE I U						
	Survey Code (1) Not Checked (2) N (6) Complete Survey, Pro	lot Located	(3) No Init termined	tial Occupancy Determination	🗌 (4) No Nesting	l Status	Update 🔲 (5) Product	tivity Not De	termined	
	Status Code	2) Other Spe	cies 🗌 (3)) Single Adult 🗌 (4) Oct	cupied 🛛 🖾 (5) A	ctive	🗌 (6) Unsuccessful	🔀 (7) Su	ccessful	
	Nest Condition Code	(3)	Fair 🗌 (4	4) Poor 🗌 (5) Nest Destro	oyed:			·······		
	Nesting Determination] (2) Not Act			ve, Not Successful	[] (5)	Active, Success Unknow	n 🛛 (6) Si	iccessful	
	Number of Fledglings:	you	ng (at or near	fledging age)						
III.	SURVEY RESULTS				· · · · · · · · · · · · · · · · · · ·	l 	1 1	Number	Stage]
	OBSERVATION	Date Checked	Nest Condition	Nesting Activity (construction etc.)	Adult Presenc Behavior	e /	Incubation/Brooding Posture	of Young	of Young	
	Initial Determination of Occupancy	4/10/12	aord		AP		INC		restling	2.
	(pre-egg laying and early	aerial								
	update Nesting Status				· · · · · · · · · · · · · · · · · · ·					 ~
	April 1 – June 15 (late incubation and	6/9/12	good	active, freeding yng	2AD, Or OLS	vags	FN+bronding	1(+?)	30/6	not standy
	nestlings)		0				· · · · · · · · · · · · · · · · · · ·			
	Determine Productivity June 15 – July 31	7/12/12	gord	active					<u>3d</u>	-
	(late nestling and fledging)					<u></u>				-
		<u> </u>			<u> </u>		<u> </u>	<u>~</u>	<u> </u>	
	fishing shack	on ru	ghtt		·					

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Territory/Nest Number: Windy Bay South

Date of adult arrival:		Date of adult dispersal:	а 2
Date of egg laying:		Clutch	
		Clutch size: Date/Number of	
Date of hatching:		fledglings at dispersal:	
Date of fledging:	÷**	Banding data:	
NARRATIVE INFORMATION			
Nesting attempt failed (Yes/No), date/n	esting period of failure:		
Reason for failure:			
Nest Abandoned (Yes/No), date:			
D			
Reason for abandonment:		5 (31) - 17 MG	
		the second secon	
Disturbing Activities (record type, dura	tion, and proximity to nest)		
/			
Habitat Alterations (record type, extent	, and proximity to nest)	at the second	
	,,		
. /			
Ongoing Disturbances (record type, ex	tent, and proximity to nest)		
ared by: Li Stragis	200 Alfren et any trail 👔 🖉 🖓		Date: 7/17/12
ewed by:			Date: _/ //// /2
			Date
		HIT THE PROPERTY CARD	

	• <u>↓</u> of <u></u>	SPOKANE	RIVERHID	ROELECTRIC PROJECT (F BALD EAGLE NEST MONITO 20 <u>12</u>	PRING FORM	12000-0007	$\sim \Lambda$
	ID Territory Name: <u>Charles</u>	5 Maas	Territory/N	est Number: <u>63054</u>	(NORH)	Observer Initial:	viewer Initial:
11.	SURVEY SUMMARY				· · · · · · · · · · · · · · · · · · ·		
	Survey Code (1) Not Checked (2) N (3) (6) Complete Survey, Pro-	Not Located	(3) No Init ermined	ial Occupancy Determination	(4) No Nesting Stat	us Update 🛛 (5) Produc	tivity Not Determined
	Status Code	2) Other Spec	ies 🗌 (3)	Single Adult 🛛 🗌 (4) Oc	ccupied 🕅 (5) Active	(6) Unsuccessful	(7) Successful
	Nest Condition Code ⊡ (1) New ⊠ (2) Good	I 🗌 (3) F	air 🗌 (4	4) Poor 🔲 (5) Nest Destr	oyed:		
	Nesting Determination] (2) Not Activ	8 <u>15</u>	est Abandoned 🛛 (4) Acti	ve, Not Successful	(5) Active, Success Unknow	n 🔊 (6) Successful
	Number of Fledglings:	J youn	g (at or near	fledging age)			
111.	SURVEY RESULTS	Accede	olan	thip to site.	- neot not fo	und	(Carpon
	OBSERVATION PERIOD	Date	Nest Condition	Nesting Activity (construction etc.)	Adult Presence / Behavior	Incubation/Brooding Posture	Number Stage of of Young Young
	Initial Determination of			<u> </u>			
	Occupancy February 1 – March 31	2/22/13	2	-not found			
	Occupancy February 1 – March 31 (pre-egg laying and early incubation)	4/12/12	good	- not found complete	AD on rest	ine	unic nostly
	Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status	4/12/12 derial	good	compbto			
	Occupancy February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and	4/12/12 derial 5/12/12	good	compbte		Paul brothad	
	Occupancy February 1 – March 31 (pre-egg laying and early incubation) [•] Update Nesting Status April 1 – June 15	4/12/12 derial 5/12/12	good	complete active		Paul brothad	
	Occupancy February 1 – March 31 (pre-egg laying and early incubation) [.] Update Nesting Status April 1 – June 15 (late incubation and nestlings) Determine Productivity	4/12/12 derial 5/12/12 6/2/12	good	compbte		Perch, prod -> Vet hospital -	1/t?) white h-lb
	Occupancy February 1 – March 31 (pre-egg laying and early incubation) [•] Update Nesting Status April 1 – June 15 (late incubation and nestlings)	4/12/12 deriae 5/12/12 6/2/12	good	compbte		Paul brothad	1/t?) white h-lb

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Territory/Nest Number: Charles Maas north

Date of adult arrival:		
Date of adult arrival:	Date of adult dispersal:	
Date of egg laying:	Clutch size:	
Date of hatching:	Date/Number of fledglings at dispersal:	
Date of fledging:	Banding data:	i je stati
NARRATIVE INFORMATION Nesting attempt failed (Yes/No), date/nesting period of failure: Reason for failure:		
Nest Abandoned (Yes/No), date: Reason for abandonment:		
Disturbing Activities (record type, duration, and proximity to n Sol previous section,		mile road 6/2/
Habitat Alterations (record type, extent, and proximity to nest)		
Ongoing Disturbances (record type, extent, and proximity to n		lopent

l.	ID Territory Name: Long V SURVEY SUMMARY	×		PROELECTRIC PROJECT (F BALD EAGLE NEST MONITO 20_12 lest Number:6 2 2 0 9 6 2 2 0 7 6 2 2 0 8	ERC Nos. 2545-091 RING FORM		606-000) server Initial: <u>LS</u> Rev	iewer Initial:_	A		
	Survey Code (1) Not Checked (2) N (6) Complete Survey, Pro-	Not Located oductivity De	(3) No Init termined	tial Occupancy Determination	☐ (4) No Nesting	Status	Update 🗌 (5) Product	tivity Not Det	ermined		
	Status Code										
	Nest Condition Code (1) New (2) Good	(3)	Fair 😡 (4	4) Poor (5) Nest Destr	oyed: 62207 a	623	108 collapsed				
	Nesting Determination] (2) Not Act	ive 🗌 (3) N	سط lest Abandoned 🛛 (4) Acti	ve, Not Successful	[] (5)	Active, Success Unknow	n 🤊 🗹 (6) Su	ccessful		
	Number of Fledglings:	2 you	ng (at or near	fledging age)							
111.	SURVEY RESULTS						in the Article Strength		Carpenter		
	OBSERVATION PERIOD	Date Checked	Nest Condition	Nesting Activity (construction etc.)	Adult Presenc Behavior	e /	Incubation/Brooding Posture	Number of Young	Stage of Young		
	Initial Determination of	WK	not-found	Austa Review -	Turching and the second se		₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩	00000000000000000000000000000000000000	Semi-miseismismismismismismis		
	Occupancy February 1 – March 31	2/21/12	կ	Avista DSA Access PI	aw AD FIt int	evritez	************************************	MERICAN COLOR			
	(pre-egg laying and early	3/08/12	11	and the second se	SPER in s	E I	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	hannan a haith (12) MTHCare an a			
	incubation)	3/20/12	notfound		FADaspillwa	4					
	Update Nesting Status	4412	/1		æ	0	A 1				
	April 1 – June 15 (late incubation and	4/17/12	good	now lacture	240		fine/ APR in	snaci -	nestlings?		
	nestlings)	5/16-5/30	good	T.	ZAD		PER	2 (10 50)	3a		
	The second second	6/14/12	good	active	2AD			1	3610		
	Determine Productivity	6/27	01	11	11				30		
	June 15 – July 31	7/12	n	/1							
	(late nestling and fledging)	5/24	poor/des	tioged	iii.			d Th	edge d		
		<u> </u>					0	1	<u> </u>		

See territory investigation-new next location-see next forms

Page 2 of 2

Territory/Nest Number:_____ Sous Long

	Date of adult arrival:	Date of adult dispersal:	
	Date of egg laying:	Clutch size:	
	Date of hatching:	Date/Number of fledglings at dispersal:	
	Date of fledging:	Banding data:	
V.	NARRATIVE INFORMATION Nesting attempt failed (Yes/No), date/nesting period of failu	re:	
	Reason for failure:		
	Nest Abandoned (Yes/No), date:		
	Reason for abandonment:	a second a second second second	AND DEPARTURE AND A
	Disturbing Activities (record type, duration, and proximity t	o nest)	
	Habitat Alterations (record type, extent, and proximity to ne	st)	
	Ongoing Disturbances (record type, extent, and proximity to	o nest)	
	<u>Act</u>		
			Date:Date:
Revie	ewed by:		Date: <u>7/18/12</u>
	A PARK AND A	S.C. M. Same C. M. K.C. Prod. 23 reports	

ge of <u></u>	SPOKAN	E RIVER HYD	DROELECTRIC PROJECT (FE BALD EAGLE NEST MONITOR 20_1	RC Nos. 2545-091 an ING FORM	nd 12606-000)		
ID Territory Name: <u> </u>	alenTerritory/Nest Number: 629,28/73				_Observer Initial:	iewer Initial:	A
SURVEY SUMMARY							
Survey Code (1) Not Checked (2) N (6) Complete Survey, Pro-	Not Located oductivity De	(3) No Ini termined	itial Occupancy Determination	(4) No Nesting St	tatus Update 🛛 (5) Product	tivity Not De	termined
Status Code							
Nest Condition Code (1) New 1 (2) Good (3) Fair (4) Poor (5) Nest Destroyed:							
Nesting Determination (1) Status Unknown	Nesting Determination						
Number of Fledglings:	<u> </u>	ng (at or near	fledging age)				
SURVEY RESULTS		1 1 1 AT				Number	Stago
OBSERVATION	Date Checked	Nest Condition	Nesting Activity (construction etc.)	Adult Presence / Behavior	Incubation/Brooding Posture	Number of Young	Stage of Young
Initial Determination of	UNK	good	active	A-D	inc		
Occupancy	1						
Occupancy February 1 – March 31			Avista Review	240	Qinak		-
	1 4. 1 1	good	active (Avista DEA)	2AD 40	q ina f iha		-
February 1 – March 31 (pre-egg laying and early incubation)	3/08/12	and	active (Avista DEA) active	AD		and the second	
February 1 – March 31 (pre-egg laying and early	3/08/12 3/20/12	0	active (Avista DEA)		find		
February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and	3/08/12	and	active Avista DEA] active active	AD 2 AO A D	fine of PERCHIANET		eagi:
February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15	3/08/12 3/20/12	good good	active (Avista/DEA) active active	AD 2 AO	finc of PERCHIANNET inc,	WEIGHT	estimation
February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings)	3/08/12 3/20/12 4/4/12 4/12/12 4/12/12	aond acod ""	active (Avista/DEA) active active "	AD 2 AO 4 D 2 AO 2 AD	finc of PERCHIANNET inc of PERCHIANNET	$\frac{1}{1(+\frac{3}{2})}$	eggi :
February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and	3/08/12 3/20/12 4/14/12 4/12/12 4/12/12	aond acod ""	active Avista DEA active active "	AD 2 AO 4 D 2 AO	fine of PERCHIANOT inc of per fine of inc/fine	14 7	eggi
February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) Determine Productivity June 15 – July 31 (late nestling and	3/08/12 3/20/12 4/4/12 4/12/12 4/17/12 5/16/5/8 6/14/12	good good "" "" ""	active (Avista/DEA) active active "	AD 2 AO 4 D 2 AO 2 AD 2 AD 2 AD	fine of PERCHIANOT inc of per fine of inc/fine	1(+ ?) 1(+ ?) 13 33 33 33	eaginestling (a)32 (j 32/d
February 1 – March 31 (pre-egg laying and early incubation) Update Nesting Status April 1 – June 15 (late incubation and nestlings) Determine Productivity June 15 – July 31	3/08/12 3/20/12 4/4/12 4/12/12 4/12/12	good good "" "" ""	active (Avista/DEA) active active ""	AD 2 AO 4 D 2 AO 2 AD 2 AD 2 AD 11	fine of PERCHIANET inc of perchianet of inc/fine Rer	1(+ ?) 1(+ ?) 13 33 33 33	eggi Destline (2)30 (1)

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24 weeks till fledge

Page <u>2</u> of <u>2</u>

Territory/Nest Number:____

Whaten

Date of adult arrival:	Date of adult dispersal:					
Date of egg laying:						
	Clutch size: Date/Number of					
Date of hatching:	fledglings at dispersal:					
Date of fledging:	Banding data:					
NARRATIVE INFORMATION						
Nesting attempt failed (Yes/No), date/nesting period of faile						
Reason for failure:						
Nest Abandoned (Yes/No), date:						
Reason for abandonment:						
Disturbing Activities (record type, duration, and proximity to nest)						
Helic can a construction of the second se						
Habitat Alterations (record type, extent, and proximity to ne	est)					
· ·						
Ongoing Disturbances (record time, extent and used it						
Ongoing Disturbances (record type, extent, and proximity t	to nest)					
ared by: Shacks						
ewed by:	Date:Date:Date:					
He	Date:_ <u>9/8/12</u>					

Page <u>|</u> of <u>4</u>

SPOKANE RIVER HYDROELECTRIC PROJECT (FERC Nos. 2545-091 and 12606-000) RAPTOR NEST RECORD

Species: <u>BAFA</u>
Territory name (if known): Falls Crock west
Territory/nest number (if known): 703703
Reported by: Avista D. Armen L. Strages Date: 4/10/12
Location: T 46N R 1E Section 22 % SE % SE
State: TD County: Shoshome
Elevation: 2180 Aspect: O on flood plain
Lat/Lon: 47, 314 694-116, 316226 Hydrologic unit: St. Joe River
Nest stratum: branches Nest height (circle ft or m): 701, 10 from top
Position on slope: ~ 100-200 Gram River Nest condition: good
Tree species: Cottom wood, live Tree height (circle for m): 80+ DBH (circle for cm): 40 +
Land ownership:
USGS Quad name: ST. Joe
Directions to nest: Mest of previous nest
Comments: <u>flew over 4/10/12 no adults no eggo</u> <u>earlier obs</u> , both adults there see monitoring shorts
Observer Initial: <u>LS</u> Date: <u>6/7/12</u> Reviewer Initial: Date: <u>7/18/12</u>

Attach locator map and photos showing nest site and nest

47.314723,-116.312792 - Google Maps Falls Creek west, AH

To see all the details that are visible on the screen, use the "Print" link next to the map.

Google







Page _____ of _____

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SPOKANE RIVER HYDROELECTRIC PROJECT (FERC Nos. 2545-091 and 12606-000) RAPTOR NEST RECORD

Species: BAZA
Territory name (if known): Long Lake South
Territory/nest number (if known): 62209
Reported by: $h Stagis$ Date: $4/17/12$
Location: T $27M$ R $40E$ Section 22 $4NW$ 4
State: USA County: Spokane
Elevation: 2,000 Aspect: North
Lat/Lon: 47, 826684-117, 748139 Hydrologic unit: Long Lake
Nest stratum: branches Nest height (circle for m): 100+, 10' from top
Position on slope: <u>Ridge</u> Nest condition: <u>good</u>
Tree species: $PIPO, live$ Tree height (circle for m): $100' + 0$ DBH (circle in or cm): $BO + 0$
Land ownership: Auista
USGS Quad name: Long Lake
Directions to nest: walk NW along ridge - view west to post
Comments: End of Gray Street off on LongLake Rd/Devils Gap Original next collapsed in prior to 2011 next season
Observer Initial: <u>AS</u> Date: <u>4/17/12</u> Reviewer Initial: <u>9/18/12</u> Date: <u>9/18/12</u>

Attach locator map and photos showing nest site and nest

47.826684,-117.748139 - Google Maps Long Lake South

Google

Page 1 of 1

To see all the details that are visible on the screen, use the "Print" link next to the map.









Page <u>_______</u> of <u>_____</u>

SPOKANE RIVER HYDROELECTRIC PROJECT (FERC Nos. 2545-091 and 12606-000) RAPTOR NEST RECORD

Species: BA 9A
Territory name (if known): Rainon Hill/north
Territory/nest number (if known): 7/07402
Reported by: Austa D. Anneo, L. Stragis Date: 4/10/2012
Location: T <u>48 N</u> R <u>2 N</u> Section <u>23</u> <u>4 N V</u> <u>4 N W</u>
State: ID County: Kootenai
Elevation: 2,200 Aspect: North
Lat/Lon: 472 499467, -116 565328 Hydrologic unit: C.D.A. River
Nest stratum: branches Nest height (circle ftor m): near top
Position on slope: in stream Nest condition: good
Tree species: Cotton wrozord live, Tree height (circle ft)or m): 80 + DBH (circle in)or cm): 30 +
Land ownership:
USGS Quad name: Medimont
Directions to nest: Boat access from Medimont upstieam. past Schepp.
Comments: 2012 - identified during aerial search.
12 in it 11 to ob 1 here proved by a odice
1.7 miles north of 1st nest, which was accupied by a gasse 2.8 miles south of Killanney west
<u> </u>
A duto
Observer Initial: <u>AS</u> . Date: <u>7//3//2</u> Reviewer Initial: <u>M</u> Date: <u>7//8//2</u>

Attach locator map and photos showing nest site and nest

47.499467,-116.565328 - Google Maps

To see all the details that are visible on the screen, use the "Print" link next to the map.

Google Rainey HillN 1 Killarney 2.8 miles NE

Rainey Hill S 1.7 miles





[•] Page <u>1</u> of <u>4</u>

SPOKANE RIVER HYDROELECTRIC PROJECT (FERC Nos. 2545-091 and 12606-000) RAPTOR NEST RECORD

Species: <u>BAZA</u>
Territory name (if known): Windy Bay South
Territory/nest number (if known):
Reported by: <u>IDFG</u> Date: <u>4</u> 10/2012
Location: T <u>48N</u> R <u>5 M</u> Section <u>30</u> <u>% NE</u> <u>% SE</u>
State: 1D County: Kostenai
Elevation: <u>2200'</u> Aspect: North east
Lat/Lon: 47,474638, -116,892299 Hydrologic unit: Lake CDA
Nest stratum: branches Nest height (circle ft)or m): 100+, ~10 feet from to p
Position on slope: top of slop ~ 50m for Nest condition: good
Tree species: White pine, live Tree height (circle ft or m): 120+ DBH (circle fn or cm): 36+
Land ownership:
USGS Quad name: Worley
Directions to nest: Boat access a Windy Ray
Observer Initial: \underline{LS} Date: $\underline{6/18/12}$ Reviewer Initial: $\underline{Date: 5/18/12}$ Date: $\underline{5/18/12}$

47.474638,-116.892299 (21400-21498 Amwaco Rd, Worley, ID 83876, United States) - Google Maps

Google Bay, south

To see all the details that are visible on the screen, use the "Print" link next to the map.





