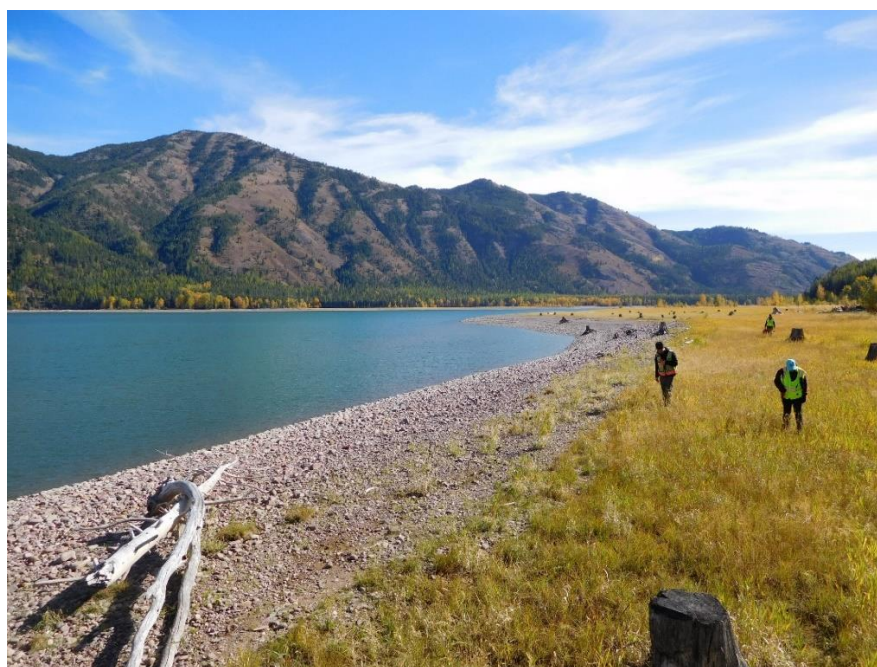




FISCAL YEAR 2017 ANNUAL REPORT

March 31, 2018

Under the Systemwide Programmatic Agreement for management of historic properties affected by multipurpose operations of 14 projects of the Federal Columbia River Power System for compliance with Section 106 of the National Historic Preservation Act



Hungry Horse Reservoir 2017

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

ACRONYMS AND ABBREVIATIONS

APE	Area of Potential Effects
ARPA	Archaeological Resource Protection Act
BPA	Bonneville Power Administration
CCT	Confederated Tribes of the Colville Reservation
CFR	Code of Federal Regulations
Corps	U.S. Army Corps of Engineers
CRITFE	Columbia River Inter-Tribal Fisheries Enforcement
CRMP	Cultural Resources Management Plan
CSKT	Confederated Salish and Kootenai Tribes of the Flathead Reservation
CTUIR	Confederated Tribes of the Umatilla Indian Reservation
CTWSRO	Confederated Tribes of the Warm Springs Reservation of Oregon
DAHP	Washington Department of Archaeology and Historic Preservation
FCRPS	Federal Columbia River Power System
FCRPS Program	FCRPS Cultural Resource Program
FNF	Flathead National Forest
FY	fiscal year
GIS	Geographic Information Systems
H/A	CCT History/Archaeology Program
HMU	Habitat management unit
HPMP	Historic Property Management Plan
HPRCSIT	Historic Property of Religious and Cultural Significance to Indian Tribes
ID	Idaho
ISU	Idaho State University
KNF	Kootenai National Forest

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Lead Federal Agencies	Bonneville Power Administration, U.S. Army Corps of Engineers, and the Bureau of Reclamation
LiDAR	Light detection and ranging
MPD	Multiple Property Documentation
msl	mean sea level
MT	Montana
NAGPRA	Native American Graves Protection and Repatriation Act
Nez Perce/NPT	Nez Perce Tribe
NHPA	National Historic Preservation Act
NPS	National Park Service
NPTCRP	Nez Perce Tribe Cultural Resource Program
NRHP	National Register of Historic Places
NWP	Portland District, U.S. Army Corps of Engineers
NWS	Seattle District, U.S. Army Corps of Engineers
NWW	Walla Walla District, U.S. Army Corps of Engineers
OR	Oregon
PA	Programmatic Agreement
Project	FCRPS dams and associated reservoirs
PSPA	Project-specific programmatic agreement
Reclamation	Bureau of Reclamation
RM	river mile
SHPO	State Historic Preservation Officer/Office
STI	Spokane Tribe of Indians
SWPA	FCRPS Cultural Resource Program Systemwide Programmatic Agreement for the Management of Historic Properties
SWRD	Systemwide Research Design
TCP	Traditional cultural property
THPO	Tribal Historic Preservation Officer/Office

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

UI	University of Idaho
USFS	U.S. Forest Service
UW	University of Washington
WA	Washington
WSGV	Warm Springs Geo Visions
WSU	Washington State University
Yakama Nation/YN	Confederated Tribes and Bands of the Yakama Nation

TABLE OF CONTENTS

ACRONYMS AND ABBREVIATIONS

1. EXECUTIVE SUMMARY	8
2. BACKGROUND & PURPOSE	11
3. APPENDICES	29
APPENDIX A: Definitions	30
APPENDIX B: FCRPS Cultural Resource Program Cooperating Groups and Participants	34
APPENDIX C: Reports and Products Pertaining to HPRCSITS and TCPs by Project.....	36
APPENDIX D: Fiscal Year 2017 Final Deliverables	42
APPENDIX E: Bonneville Lock and Dam and Lake Bonneville Project.....	50
APPENDIX F: The Dalles Lock and Dam and Lake Celilo Project	53
APPENDIX G: John Day Lock and Dam and Lake Umatilla Project	56
APPENDIX H: McNary Lock and Dam and Lake Wallula Project	59
APPENDIX I: Ice Harbor Lock and Dam and Lake Sacajawea Project.....	62
APPENDIX J: Lower Monumental Lock and Dam and Lake West Project	65
APPENDIX K: Little Goose Lock and Dam and Lake Bryan Project	68
APPENDIX L: Lower Granite Lock and Dam and Lower Granite Lake Project	71
APPENDIX M: Dworshak Dam and Reservoir Project	74
APPENDIX N: Chief Joseph Dam and Rufus Woods Lake Project.....	77
APPENDIX O: Albeni Falls Dam and Pend Oreille Lake Project	80
APPENDIX P: Libby Dam and Lake Koocanusa Project	84
APPENDIX Q: Grand Coulee Dam and Lake Roosevelt Project.....	87
APPENDIX R: Hungry Horse Dam and Reservoir Project	99
APPENDIX S: New Cultural Resources Identified, Evaluated, or Listed on the National Register by State ...	104

LIST OF TABLES

Table 1. Total Project and Area of Potential Effect Acres.....	12
Table 2. Acres Inventoried for Archaeological Sites and Standing Historic Structures	13
Table 3. Archaeological Sites and Historic Structures Documented	14
Table 4. Determinations of National Register Eligibility Completed for Individual Sites	15
Table 5. Individual, District, and Multiple Property Listings on the National Register	16
Table 6. National Register of Historic Places Determination of Eligibility Status for FCRPS Dams	17
Table 7. Sites Monitored.....	18
Table 8. Annual Maintenance Cost of Stabilization Projects	19
Table 9. Collections Curated with FCRPS Funds	20
Table 10. Activities at FCRPS Dams and Reservoirs That Contributed to ARPA Compliance.....	22
Table 11. NAGPRA Section 3 Actions - Inadvertent Discoveries Associated with Project Operations	23
Table 12. Routine Activities Under the FCRPS Systemwide PA That Do Not Require Section 106 Consultation	24
Table 13. Status of Project Historic Property Management Plans and Project-Specific Agreements	28
Table 14. FCRPS Cultural Resource Program Expenditures.....	28
Table 15. BPA Staff Participation.....	28

1. EXECUTIVE SUMMARY

The Federal Columbia River Power System (FCRPS) Cultural Resource Program (Program) manages the effects of the operation and maintenance (O&M) of 14 federally-owned dams and reservoirs on cultural resources in the Columbia River Basin. Stewardship of cultural resources occurs through collaboration among three Lead Federal Agencies: the U.S. Bureau of Reclamation (Reclamation), the U.S. Army Corps of Engineers (Corps), and the Bonneville Power Administration (BPA); ten Federally Recognized Tribes, four State Historic Preservation Officers (SHPO), the Advisory Council on Historic Preservation, as well as several other federal agencies which are affected by operation of the system. The Program is organized into eight Cultural Resources Cooperating Groups, whose participants are listed in Appendix C of this report.

The Fiscal Year (FY) 2017 Annual Report for the Program summarizes the Lead Federal Agencies actions to comply with Section 106 of the National Historic Preservation Act through implementation of the *Systemwide Programmatic Agreement (SWPA) for the Management of Historic Properties Affected by the Multipurpose Operations of Fourteen Projects of the Federal Columbia River Power System for Compliance with Section 106 of the National Historic Preservation Act*. The reporting period for this report began October 1, 2016 and ended September 30, 2017

The joint-funded FCRPS Program expended \$8,616,640 in FY 2017. This figure includes Corps expenditures totaling \$5,260,000, Reclamation expenditures of \$3,259,000, and Systemwide expenses of \$97,640. Additionally, BPA expended \$713,550 non-joint funds for staff salaries, travel, supplies, and training. Program funds supported completion of 71 final deliverables documenting compliance with Section 106 of NHPA.

As of FY2017, the total area of potential effects (APE) for the 14 FCRPS Projects is 775,108 acres. Federal project lands (i.e., lands acquired or withdrawn for Project purposes or managed by either Reclamation or the Corps) account for 562,147 acres of the APE, with the remainder being Federal lands managed by non-FCRPS agencies (e.g., Bureau of Land Management), state lands, and privately owned lands. Of the total APE, approximately 340,533 acres are accessible for survey (not inundated by project pools or otherwise obstructed). The total number of acres surveyed for archaeological and historic-period sites, and standing historic structures as of the end of FY 2017 is 153,577. This reflects an increase of 14,409 acres since the last FY reporting period.

In April 2016, the Corps and BPA, in consultation with Cooperating Group members, proposed to expand APEs to include indirect effects not previously considered at the Bonneville, The Dalles, the John Day, McNary, Ice Harbor, Little Goose, Lower Granite, Lower Monumental, and Dworshak projects in Washington, Oregon, and Idaho. These consultations, which began several years ago, have continued into FY 2017 and will conclude in FY 2018.

Inventory conducted in FY 2017, as well as data correction from previous years, resulted in 223 additional archaeological and historic sites across the FCRPS, bringing the system total to 4,501 sites. In FY 2017, program participants completed National Register of Historic Places (NRHP) eligibility consensus determinations for 19 sites. Of these, 9 are eligible and 10 do not meet eligibility criteria for the NRHP. This brings the FCRPS NRHP totals to 910 eligible sites and 344 sites that are not eligible. Eligibility determinations finalized as of FY 2016 permitted the Lead Federal Agencies to meet the long-term program goal of completing or exceeding eligibility determinations for 10 high priority sites at each Project. There are still 3,247 individual sites in the system that require evaluation and National Register evaluations are ongoing annually at each of the FCRPS reservoirs. Several properties in the FCRPS APE are formally listed on the NRHP. This includes 2 National Historic Landmarks (Bonneville Dam and Marmes archaeological site), 12 historic districts, and 45 individual sites. No sites or districts were newly listed on the National Register during FY 2017.

Seven of the fourteen FCRPS dams were previously determined eligible for the NRHP and as of FY 2017, two additional consensus determinations were in process (The Dalles and Chief Joseph Dams).

In FY17, FCRPS joint funds subsidized site monitoring at 343 sites throughout the system to assess the effects of FCRPS operations and maintenance. Physical changes to site condition were noted at 161 of these sites. In FY 2017, no funds were required to maintain previously constructed bank stabilization projects or other erosion control structures in the system.

Work to identify, evaluate, and treat Historic Properties of Religious and Cultural Significance to Indian Tribes (HPRCSIT) and Traditional Cultural Properties (TCP) also continued in FY 2017. A total of 19 final deliverables pertaining to HPRCSITs and TCPs were produced during the fiscal year and consist largely of documentation that aids in the identification and evaluation of these type of properties.

Resolution of adverse effects included a variety of actions. The Lead Federal Agencies and tribes distributed educational brochures that were developed with Program funding. Tribal and Lead Agency staff made public presentations regarding cultural resources awareness at various forums. Other public information materials included development of a brochure that summarized FCRPS Program accomplishments in FY 2016. The FCRPS Program website continues to provide easy access to program documents, meeting notes, research articles, and other pertinent information which benefit our consulting parties as well as the general public.¹ Bank stabilization and other erosion control mechanisms continue to play a major role in addressing adverse effects caused by Project O&M. During FY 2017, seven bank stabilizations were in the planning phase at The Dalles, John Day, McNary, Albeni Falls, and Grand Coulee Projects. Construction was completed at two erosion control projects at Libby and Grand Coulee. Several Cooperating Groups prioritized the need for signage at key locations within the

¹ https://www.bpa.gov/efw/CulturalResources/FCRPS_CulturalResources/Pages/default.aspx

reservoirs to warn the public regarding the consequences of looting and damaging archaeological sites. Both the Corps and Reclamation took steps to minimize access to archaeological sites that were being damaged by the public.

Curation of collections recovered from all 14 FCRPS Projects continued in FY 2017. FCRPS funding pays for curation of these collections including approximately 10,163 cubic feet of artifacts and 873 linear feet of records.

Many management activities conducted in FY 2017 fulfill commitments outlined in the SWPA. The TCP subcommittee continues to serve as a forum for defining methods to document and manage HPRCSITs and TCPs. A Program Handbook outlining the history and administration of the Program is provided to the public on the BPA-hosted website in keeping with the terms of the SWPA. The fourteenth Systemwide Meeting took place on November 1-3, 2016 at the Northern Quest Resort, Spokane, WA. This meeting was well attended by Program participants and highlights included a key note speaker from the Advisory Council on Historic Preservation and an Elders Luncheon to honor the important role of tribal elders in this Program. The 20-year anniversary of the FCRPS Cultural Resources Program was commemorated at this Systemwide Meeting.

This Program is highly collaborative in nature and requires regular meetings, field visits, and other forms of communication. During FY2017, the eight FCRPS Program Cooperating Groups and the Cultural Resources Subcommittee met over 50 times to develop plans, prioritize work, and to ensure that management activities were effectively meeting our stewardship responsibilities to thousands of cultural resources.

No new signatories to the SWPA were added in FY 2017.

* * *

Each year, the continued operation of the FCRPS Program represents the collective effort of federal, tribal, and state employees, cooperating group participants, tribal elders, private contractors, and other interested parties, who contribute to the preservation of cultural resources. Readers should refer to Appendix C for a list of the government agencies and tribes that participate in this unique Program. The Lead Federal Agencies sincerely thank and acknowledge the time and effort that all of these organizations and individuals devote to the Program.

2. BACKGROUND & PURPOSE

The Systemwide Programmatic Agreement for the Management of Historic Properties Affected by the Multipurpose Operations of Fourteen Projects of the Federal Columbia River Power System for Compliance with Section 106 of the National Historic Preservation Act (BPA, Reclamation, Corps 2009) requires an annual report of federal actions to document compliance with Section 106 of the NHPA and its implementing regulations at 36 CFR part 800.

The FY 2017 Annual Report for the FCRPS Cultural Resource Program describes NHPA Section 106 compliance actions completed by the BPA, Reclamation, and Corps to fulfill this SWPA requirement. Actions supporting compliance with other cultural resource management laws are included where such actions overlap with work conducted for NHPA Section 106 compliance.

FCRPS Program accomplishments are displayed in table format organized by the procedural step in the NHPA Section 106 process they fulfill, and reporting categories generally correspond to steps outlined in 36 CFR 800. Unless otherwise noted, this report only discusses expenditures and work completed in FY 2017, and final contract deliverables received in FY 2017 for work conducted in previous years. Where appropriate, tables indicate whether FCRPS joint funds² or non-FCRPS funds supported the activity. More detailed information about accomplishments at each of the 14 multi-purpose Projects, including work in progress, can be found in Appendices E through R.

Previous annual reports summarize information about the history of the FCRPS Program and earlier compliance accomplishments³ (BPA, Reclamation, Corps 2010, 2011, 2012, 2013, 2014, 2015, 2016), and their content is not repeated here. This report corrects information presented in previous annual reports where new information or improved data are available. The format of the FY 2017 report has been condensed from earlier reports to make it more readable and useful to our consulting parties.

² FCRPS joint funds or the combined ratepayer funds generated by BPA and matching congressionally appropriated funds from the Corps and Reclamation dedicated to the FCRPS Program. Some work conducted with non-FCRPS funding sources (work performed with only congressionally appropriated funds or other sources) is reported because it supports NHPA Section 106 compliance for an authorized project purpose that is not addressed by the FCRPS Program, or because it can aid in demonstrating FCRPS Program compliance with Section 106 of NHPA.

³ <http://www.bpa.gov/efw/CulturalResources/FCRPS/CulturalResources/Pages/default.aspx>

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Table 1. Total Project and Area of Potential Effect Acres

Project	Total Project Acres	Total APE Acres	APE Acres Ordinarily Accessible for Survey	APE Mapped
Bonneville	25,444	25,444	4,892	Yes
The Dalles	14,257	14,257	5,226	Yes
John Day	84,400	84,400	31,568	Yes
NWP (Portland) District Total	124,101	124,101	41,686	
McNary	28,328	68,755	6,085	Yes
Ice Harbor	7,919	20,846	4,124	Yes
Lower Monumental	12,317	27,219	5,343	Yes
Little Goose	11,600	27,191	4,005	Yes
Lower Granite	12,960	32,575	2,913	Yes
Dworshak	46,040	78,470	11,207	Yes
NWW (Walla Walla) District Total	119,164	255,056	33,677	
Chief Joseph	17,648	16,008	11,828	Yes
Albeni Falls	99,439	16,489	16,489	Yes
Libby	53,867	52,585	In Progress	Yes
NWS (Seattle) District Total	170,954	85,082	28,317	
Corps Totals	414,219	464,239	103,680	
Grand Coulee	105,253	268,194	200,271	Yes
Hungry Horse	42,675	42,675	36,582	Yes
Reclamation Totals	147,928	310,869	236,853	
SYSTEM TOTALS	562,147	775,108	340,533	

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Table 2. Acres Inventoried for Archaeological Sites and Standing Historic Structures

Project	Total Project Acres	Total APE Acres	APE Acres Ordinarily Accessible for Survey	Cumulative Total APE Acres Surveyed for Archaeological Sites & Standing Historic Structures as of FY 2016	Acres Surveyed with FCRPS Program Funds in FY 2017 (New Survey)	Acres Resurveyed with FCRPS Program Funds in FY 2017	Total APE Acres Surveyed as of FY 2017 (Cumulative)
Bonneville	25,444	25,444	4,892	1,534	0	0	1,534
The Dalles	14,257	14,257	5,226	1,333	963	0	2,296
John Day	84,400	84,400	31,568	24,064	2,117	0	26,181
NWP District Total	124,101	124,101	41,686	26,931	3,080	0	30,011
McNary	28,328	68,755	6,085	4,384	373	0	4,757
Ice Harbor	7,919	20,846	4,124	4,006	0	0	4,006
Lower Monumental	12,317	27,219	5,343	6,657	0	0	6,657
Little Goose	11,600	27,191	4,005	3,881	124	0	4,005
Lower Granite	12,960	32,575	2,913	2,992	226	0	3,218
Dworshak	46,040	78,470	11,207	6,852	24	0	6,876
NWW District Total	119,164	255,056	33,677	28,772	747	0	29,519
Chief Joseph ⁴	17,648	16,008	11,828	9,009	0	94	10,922
Albeni Falls	99,439	16,489	16,489	7,444	407	0	7,851
Libby	53,867	52,585	In Progress	11,523	80	0	11,603
NWS District Total	170,954	85,082	28,317	27,976	487	94	30,376
Corps Totals	414,219	464,239	103,680	83,679	4,314	94	89,906
Grand Coulee	105,253	268,194	200,271	33,065	4,934	1,400	37,999
Hungry Horse	42,675	42,675	36,582	22,424	3,248	0	25,672
Reclamation Totals	147,928	310,869	236,853	55,489	8,182	1,400	63,671
SYSTEM TOTALS	562,147	775,108	340,533	139,168	12,496	1,494	153,577

⁴ Data reconciliation indicated more acres surveyed within APE than reported in FY 16. Some acres surveyed with non-FCRPS funds.

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Table 3. Archaeological Sites and Historic Structures Documented

Project	Total Number of Sites Documented as of FY 2016 (Cumulative)	Number of New Sites Documented with FCRPS Program Funds in FY 2017	Number of New Sites Documented with Non-FCRPS Program Funds in FY 2017	Total Number of Sites at Project as of FY 2017 (Cumulative)
Bonneville	124	6	0	130
The Dalles	233	56	0	289
John Day	525	77	0	602
NWP District Total	882	139	0	1,021
McNary ⁵	130	0	0	130
Ice Harbor	52	0	0	52
Lower Monumental	189	0	0	189
Little Goose	106	3	0	109
Lower Granite	160	2	0	162
Dworshak	363	0	0	363
NWW District Total	1,000	5	0	1,005
Chief Joseph ⁶	421	5	5	468
Albeni Falls	435	0	0	435
Libby	499	1	0	500
NWS District Total	1,355	7	5	1,404
Corps Totals	3,237	150	5	3,429
Grand Coulee	975	66	0	1,041
Hungry Horse	29	2	0	31
Reclamation Totals	1,004	68	0	1,072
SYSTEM TOTALS	4,241	219	5	4,501

⁵ Site counts changed at McNary, Ice Harbor, Little Goose, and Lower Granite due to data reconciliation/correction from FY 2016.

⁶ Increased site count due to data reconciliation/correction from FY 2016.

Table 4. Determinations of National Register Eligibility Completed for Individual Sites

Project	Determinations for: Sites Eligible (individually, or contributing to a District or Multiple Property Listing)				Determinations for: Sites Not Eligible (individually, or those within a District or Multiple Property Listing that are non- contributing)				Total Number of Sites for Which Determination Needs to Be Completed		Sites as of FY 2017 (Cumulative)
	FCRPS Funded FY 2017	Non- FCRPS FY 2017	Total No. (Cumulative)		FCRPS Funded FY 2017	Non- FCRPS FY 2017	Total No. (Cumulative)		FY 2016	FY 2017	FY 2017
			FY2016	FY 2017			FY2016	FY 2017			
Bonneville	0	0	15	15	0	0	19	19	90	96	130
The Dalles	0	0	56	56	0	0	3	3	174	230	289
John Day	0	0	28	28	0	0	12	12	485	562	602
NWP District Total	0	0	99	99	0	0	34	34	749	888	1,021
McNary	1	0	36	37	2	0	11	13	82	80	130
Ice Harbor	0	0	8	8	3	0	2	5	41	39	52
Lower Monumental	3	0	104	107	0	0	5	5	80	77	189
Little Goose	1	0	6	7	3	0	0	3	98	99	109
Lower Granite	3	0	10	13	2	0	6	8	147	141	162
Dworshak	0	0	5	5	0	0	46	46	312	312	363
NWW District Total	8	0	169	177	10	0	70	80	760	748	1,005
Chief Joseph	0	0	177	177	0	0	30	30	214	261	468
Albeni Falls	1	0	44	45	0	0	20	20	372	371	436
Libby Dam	0	0	202	202	0	0	172	172	125	126	500
NWS District Total	1	0	423	424	0	0	222	222	711	758	1,404
Corps Totals	9	0	691	700	10	0	326	336	2,220	2,394	3,430
Grand Coulee	0	0	210	210	0	0	8	8	757	823	1,041
Hungry Horse	0	0	0	0	0	0	0	0	29	30	30
Reclamation Totals	0	0	210	210	0	0	8	8	786	853	1,071
SYSTEM TOTALS	9	0	901	910	10	0	334	344	3,006	3,247	4,501

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Table 5. Individual, District, and Multiple Property Listings on the National Register of Historic Places

Project	Total No. Individual Sites Listed as of		Total No. District Listings as of		Total No. Multiple Property Listings as of		Total No. National Historic Landmarks as of	
	FY 2016	FY 2017	FY2016	FY 2017	FY2016	FY 2017	FY2016	FY 2017
Bonneville	8	8	2	2	0	0	1	1
The Dalles	2	2	1	1	0	0	0	0
John Day	2	2	0	0	0	0	0	0
NWP District Total	12	12	3	3	0	0	1	1
McNary	0	0	2	2	0	0	0	0
Ice Harbor	1	1	1	1	0	0	0	0
Lower Monumental	0	0	1	1	0	0	1	1
Little Goose	0	0	0	0	0	0	0	0
Lower Granite	3	3	0	0	0	0	0	0
Dworshak	0	0	0	0	0	0	0	0
NWW District Total	4	4	4	4	0	0	1	1
Chief Joseph	3	3	0	0	0	0	0	0
Albeni Falls	1	1	0	0	0	0	0	0
Libby Dam	0	0	2	2	0	0	0	0
NWS District Total	4	4	2	2	0	0	0	0
Corps Totals	20	20	9	9	0	0	2	2
Grand Coulee	25	25	3	3	1	1	0	0
Hungry Horse	0	0	0	0	0	0	0	0
Reclamation Totals	25	25	3	3	1	1	0	0
SYSTEM TOTALS	45	45	12	12	1	1	2	2

Table 6. National Register of Historic Places Determination of Eligibility Status for FCRPS Dams

Dam Name	Listed on NRHP	Determined Eligible for NRHP through Consensus	NRHP Eligibility Determination in Progress
Corps Managed Dams			
Bonneville Dam	Yes	Yes	No
The Dalles Dam	No	No	Yes
John Day Dam	No	No	No
McNary Dam	No	Yes	No
Ice Harbor Dam	No	Yes	No
Lower Monumental Dam	No	No	No
Little Goose Dam	No	No	No
Lower Granite Dam	No	No	No
Dworshak Dam	No	No	No
Chief Joseph Dam	No	No	Yes
Albeni Falls Dam	No	Yes	No
Libby Dam	No	Yes	No
Reclamation Managed Dams			
Grand Coulee Dam	No	Yes	No
Hungry Horse Dam	No	Yes	No

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Table 7. Sites Monitored

Project	Number of Previously Documented Sites Monitored in FY 2017 with FCRPS Funds	Number of Previously Documented Sites Monitored in FY 2017 with non-FCRPS Funds	Total Number of Previously Documented Sites Monitored in FY 2017	Total Number of Site Documentation Updates in FY 2017	Total Number of Sites with Noted Physical Changes in FY2017
Bonneville	27	0	27	27	20
The Dalles	38	0	38	26	33
John Day	22	0	22	10	19
NWP District Total	87	0	87	63	72
McNary	11	0	11	0	5
Ice Harbor	2	0	2	0	1
Lower Monumental	54	0	54	1	8
Little Goose	1	0	1	1	1
Lower Granite	17	0	17	2	11
Dworshak	4	0	4	0	4
NWW District Total	89	0	89	4	30
Chief Joseph	13	0	13	3	0
Albeni Falls	25	0	25	2	0
Libby	51	0	51	12	19
NWS District Total	89	0	89	17	19
Corps Totals	265	0	265	84	121
Grand Coulee	66	0	66	0	39
Hungry Horse	12	0	12	12	1
Reclamation Totals	78	0	78	12	40
SYSTEM TOTALS	343	0	343	96	161

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Table 8. Annual Maintenance Cost of Stabilization Projects

Project	Site Number	Type of Maintenance	Maintenance Costs in FY 2017
Bonneville			\$0
The Dalles			\$0
John Day			\$0
NWP District Total			\$0
McNary			\$0
Ice Harbor			\$0
Lower Monumental			\$0
Little Goose			\$0
Lower Granite			\$0
Dworshak			\$0
NWW District Total			\$0
Chief Joseph			\$0
Albeni Falls			\$0
Libby			\$0
NWS District Total			\$0
Corps Totals	N/A	N/A	\$0
Grand Coulee			\$0
Hungry Horse			\$0
Reclamation Totals	N/A	N/A	\$0
SYSTEM TOTALS	N/A	N/A	\$0

Table 9. Collections Curated with FCRPS Funds

Project	Artifacts (cubic feet)	Records (linear feet)	Repositories with Curation Agreements	Temporary Curation Facilities or Facilities with No Curation Agreement	Collections Treated in FY 2017 Artifacts (cubic feet)	FY2016 Curation Costs	FY 2017 Curation Costs	Newly Curated Collections in FY 2017
Bonneville	625	89	Burke Museum, Seattle, WA; Yakama Nation Museum, Toppenish, WA	Collections from all Portland district projects curated at University of Oregon <i>at no charge</i>		\$8,616.99	\$8,641.17	
The Dalles	Not available	Not available		Collections from all Portland district projects curated at University of Oregon <i>at no charge</i>		\$0	\$0	
John Day	293	0	Tamastlikt Cultural Institute, Pendleton, OR	Collections from all Portland district projects curated at University of Oregon <i>at no charge</i>		\$8,340.63	\$8,674.26	
NWP District Total	918	89			0	\$16,957.62	\$17,315.43	0
Little Goose, Lower Granite, Lower Monumental, Ice Harbor, McNary	3,133	339	Washington State University, Pullman, WA	University of Idaho (Lower Granite sites in Idaho)	138	\$129,355.20	\$163,460.28	0
Dworshak	94	13		University of Idaho	0	\$0	\$0	0
NWW District Total	3,227	352			138	\$129,355.20	\$163,460.28	0

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Project	Artifacts (cubic feet)	Records (linear feet)	Repositories with Curation Agreements	Temporary Curation Facilities or Facilities with No Curation Agreement	Collections Treated in FY 2017 Artifacts (cubic feet)	FY2016 Curation Costs	FY 2017 Curation Costs	Newly Curated Collections in FY 2017
Chief Joseph ⁷	4,200	90	Colville Confederated Tribes Curation Facility, Nespelem, WA	N/A		\$53,638.20	\$81,281.50	
Albeni Falls	95	28.5	N/A	AMEC, Bothell, WA		\$6,575.07	\$6,575.07	
Libby	342	66	Salish Kootenai College Curation Facility, Pablo, MT	N/A		\$70,930.68	\$72,873.60	
NWS District Total	4,637	184.5			0	\$131,143.95	\$160,730.17	0
Corps Totals	8,782	625.5			138	\$277,456.77	\$341,505.88	0
Grand Coulee	1,380	247	Spokane Tribe of Indians Curation Facility, Wellpinit, WA; Colville Confederated Tribes Curation Facility, Nespelem, WA	N/A		\$37,690.00	\$53,500.00	2017 Monitoring and Inventory for STI and CCT field collections
Hungry Horse	1	Unknown	Confederated Salish and Kootenai Tribal Curation Facility, Pablo, MT	N/A		\$300.00	\$300.00	
Reclamation Totals	1,381	247			0	\$37,990.00	\$53,800.00	N/A
SYSTEM TOTALS	10,163	872.5			138	\$315,446.77	\$395,305.88	0

⁷ Re-evaluation of collection in 2017 resulted in a substantial increase in cubic feet of artifacts and decrease in linear ft of records reported in previous Annual Reports.

*FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of
Historic Properties – March 31, 2018*

Table 10. Activities at FCRPS Dams and Reservoirs That Contributed to ARPA Compliance

Project	Damage Assessments	ARPA Violations Issued	ARPA Prosecutions	ARPA Convictions	Total No. Patrol Days in FY 2017 (FCRPS funded only)
Bonneville	1	0	0	0	85
The Dalles	1	0	0	0	28
John Day	1	0	0	0	82
NWP District Total	3	0	0	0	195
McNary	0	0	0	0	50
Ice Harbor	0	0	0	0	0
Lower Monumental	0	0	0	0	3
Little Goose	0	0	0	0	7
Lower Granite	0	0	0	0	16
Dworshak	0	0	0	0	0
NWW District Total	0	0	0	0	76
Chief Joseph	0	0	0	0	0
Albeni Falls	1	0	0	0	24
Libby	0	0	0	0	0
NWS District Total	1	0	0	0	0
Corps Totals	4	0	0	0	271
Grand Coulee	6	0	0	0	88
Hungry Horse	0	0	0	0	0
Reclamation Total	6	0	0	0	88
SYSTEM TOTAL	10	0	0	0	383

*FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of
Historic Properties – March 31, 2018*

Table 11. NAGPRA Section 3 Actions - Inadvertent Discoveries Associated with Project Operations

Project	Number of Discoveries
Bonneville	0
The Dalles	1
John Day	0
NWP District Total	1
McNary	1
Ice Harbor	0
Lower Monumental	0
Little Goose	0
Lower Granite	0
Dworshak	0
NWW District Total	1
Chief Joseph	0
Albeni Falls	0
Libby	0
NWS District Total	0
Corps Totals	2
Grand Coulee	2
Hungry Horse	0
Reclamation Totals	2
SYSTEM TOTAL	4

Table 12. Routine Activities Under the FCRPS Systemwide PA That Do Not Require Section 106 Consultation

Activity No.	Activity Description	Bonneville	The Dalles	John Day	McNary	Ice Harbor	Lower Monumental	Little Goose	Lower Granite	Dworshak	Chief Joseph	Albeni Falls	Libby	Grand Coulee	Hungry Horse	TOTALS
1	Transfer of real estate from a lead federal agency to another federal agency with equal responsibility for compliance and that has cultural resource specialists that meet the Secretary of the Interior’s standards.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Blading, ground clearing, or excavation that occurs entirely within fill, and the fill itself does not contribute to the historic significance of a property.	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
3	Blading, ground clearing, or excavation within areas where existing ground disturbance entirely encompasses the area that would be affected by the activity and where the past disturbance was so severe as to preclude the existence of intact cultural deposits, and no known properties are present.	0	0	0	1	0	0	0	2	1	2	0	1	1	0	8
4	Use of existing gravel pits, including further materials extraction and stockpiling within the pit, where no lateral expansion of the previously excavated area of the pit will occur.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Replacement or restoration of existing rip rap within the demonstrated vertical and horizontal limits of previous construction or disturbance.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Adding rock fill or gravel to roads where no new ground disturbance will occur and no recorded properties are within the road bed.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Treatment of weed infestations that does not violate the chemical label, does not involve ground disturbance, where no features (such as pictographs or petroglyphs) that might be damaged are present, and does not occur within landscaped areas where native plant communities might be harvested.	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Activity No.	Activity Description	Bonneville	The Dalles	John Day	McNary	Ice Harbor	Lower Monumental	Little Goose	Lower Granite	Dworshak	Chief Joseph	Albeni Falls	Libby	Grand Coulee	Hungry Horse	TOTALS
8	Encroachment thinning using hand methods to lop branches and cut small trees and brush, where material is dropped in place, stumps are left in place, and no chemical treatments are used. This would not include areas with culturally modified trees.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
9	Routine maintenance and repair to interiors or exteriors of existing buildings and structures that are less than 50 years old (subject to limitations defined above), or have been determined “not eligible” for the NRHP in consultation with the SHPO/THPO, and where there are no other properties in the immediate vicinity.	0	0	0	0	1	1	1	1	2	0	0	0	0	0	6
10	Maintenance or repair of fence lines that are less than 50 years old, where no ground disturbance occurs, or the fence line is on fill, there will be no movement, removal, or alteration of rock, and where the fence is not located within the boundaries of a historic property, or where the property has been determined “not eligible” for the NRHP in consultation with the SHPO/THPO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Rodent control that does not involve ground disturbance; no movement, removal, or alteration of rock; or contamination of native or traditional foods and plant fibers.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Installation, repair, or replacement of signs and markers on existing buildings or structures that are less than 50 years old, where there is no visual intrusion to nearby historic properties.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Installation, repair, or replacement of signs and markers where no ground disturbance will occur; or where installation is confined to disturbed areas or fill; and without movement, removal, or alteration of rock.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Activity No.	Activity Description	Bonneville	The Dalles	John Day	McNary	Ice Harbor	Lower Monumental	Little Goose	Lower Granite	Dworshak	Chief Joseph	Albeni Falls	Libby	Grand Coulee	Hungry Horse	TOTALS
14	Installation, repair, or replacement of monitoring equipment where no ground disturbance occurs; there will be no movement, removal, or alteration of rock; the activity is not located within the boundaries of a historic property; or where the property has been determined “not eligible” for the NRHP in consultation with the SHPO/THPO. Examples of such equipment are stream flow or dissolved gas gauges, weather stations, animal traps, and security monitoring or transmitting devices.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Excavations for maintaining, removing, or replacing tile, ditches, fire lines, dikes, levees, pipes, pipelines, cables, telephone lines, fiber optic lines, signs, gates, or cattle guards, when the property or items are less than 50 years old, or have been determined “not eligible” in consultation with the SHPO/THPO; where they are not within or part of a historic property; and where excavations, including heavy equipment operation, occur within the demonstrated vertical and horizontal limits of previous construction, and within previously surveyed areas.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Small bore (less than 6-inch diameter) drilling within areas previously surveyed and outside of known property areas.	0	0	0	0	1	1	0	0	0	1	0	0	0	0	3

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Activity No.	Activity Description	Bonneville	The Dalles	John Day	McNary	Ice Harbor	Lower Monumental	Little Goose	Lower Granite	Dworshak	Chief Joseph	Albeni Falls	Libby	Grand Coulee	Hungry Horse	TOTALS
17	Repair, replacement, and installation of energy conservation, health and life safety, accessibility, and security measures that do not affect the historic or architectural values and character-defining features of historic properties, and do not involve ground disturbance. Examples of activities that would NOT be included are: removal, replacement, reconstruction, or reconfiguring of original staircases, windows, or doors, or their openings; cutting new door or window openings on public facades; or introducing visually intrusive new materials or structures on public facades or into contributing surrounding landscapes. Any alteration of historic buildings implemented under this category will comply with the Secretary of the Interior’s Standards for Rehabilitation (36 C. F. R. Part 67), and will be reversible.	0	0	0	0	0	0	0	0	0	0	0	0	6	0	6
18	Repair or replacement of equipment or material that is not original to a historic structure and where the replacement will not cause an effect upon the historic or architectural values and defining features of historic properties.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Maintenance of existing trails, walks, paths, sidewalks, and associated signage; and work is conducted within the demonstrated vertical and horizontal limits of previous construction or disturbance; and no known properties are within the work area.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Maintenance within existing road or parking lot profiles, such as repaving, grading, cleaning inboard ditches, repairing, brushing, signing and sign maintenance or replacing guards and gates within the demonstrated vertical and horizontal limits of previous construction or disturbance.	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
TOTALS		0	0	0	1	2	2	1	5	3	3	0	6	8	0	31

*FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of
Historic Properties – March 31, 2018*

Table 13. Status of Project Historic Property Management Plans and Project-Specific Agreements

Project	Date Current HPMP	HPMP Update in Progress	PSPA in Progress	Date PSPA Finalized
Bonneville	2006			
The Dalles	2005			
John Day	2002	X		
McNary	2000	X		
Ice Harbor	2000	X		
Lower Monumental	2000	X		
Little Goose	2000	X		
Lower Granite	2000	X		
Dworshak	2001	X		
Chief Joseph	2009	X		
Albeni Falls	2008	X	X	
Libby	2007	X		3/1/2014
Grand Coulee	ND	X		
Hungry Horse	2006	X		

Table 14. FCRPS Cultural Resource Program Expenditures

Agency	FY 2017 Obligated Funds	FY 2017 Expenditures	Cumulative Program Expenditures to Date (FY 1999 - FY 2016)	Cumulative Program Expenditures to Date (FY 1999 - FY 2017)
Corps of Engineers	\$5,079,000	\$5,260,000	\$50,333,000	\$55,593,000
Bureau of Reclamation	\$3,215,000	\$3,259,000	\$39,934,000	\$43,193,000
Systemwide Expenses	\$207,700	\$97,640	\$1,240,000	\$1,337,640
TOTALS	\$8,501,700	\$8,616,640	\$91,507,000	\$100,123,640

Table 15. BPA Staff Participation

Agency	Salaries	Travel	Supplies/Training	Total
BPA	\$282,858	\$408,555	\$22,137	\$713,550

3. APPENDICES

Appendix A	Definitions
Appendix B	Federal Columbia River Power System (FCRPS) Cultural Resource Program Cooperating Groups and Participants
Appendix C	Reports and Products Pertaining to Historic Properties of Religious and Cultural Significance to Indian Tribes (HPRCSITs) and Traditional Cultural Properties (TCPs) by Project
Appendix D	Fiscal Year 2017 Final Deliverables
Appendix E	Bonneville Lock and Dam and Lake Bonneville Project
Appendix F	The Dalles Lock and Dam and Lake Celilo Project
Appendix G	John Day Lock and Dam and Lake Umatilla Project
Appendix H	McNary Lock and Dam and Lake Wallula Project
Appendix I	Ice Harbor Lock and Dam and Lake Sacajawea Project
Appendix J	Lower Monumental Lock and Dam and Lake West Project
Appendix K	Little Goose Lock and Dam and Lake Bryan Project
Appendix L	Lower Granite Lock and Dam and Lower Granite Lake Project
Appendix M	Dworshak Dam and Reservoir Project
Appendix N	Chief Joseph Dam and Rufus Woods Lake Project
Appendix O	Albeni Falls Dam and Pend Oreille Lake Project
Appendix P	Libby Dam and Lake Koocanusa Project
Appendix Q	Grand Coulee Dam and Lake Roosevelt Project
Appendix R	Hungry Horse Dam and Reservoir Project
Appendix S	New Cultural Resources Identified, Evaluated, or Listed on the National Register by State

APPENDIX A

Definitions

Acres Resurveyed with FCRPS Program Funds in Current Fiscal Year – Includes acres inventoried for archaeological sites and historic structures in current Fiscal Year (FY) where survey has taken place previously. Includes only Federal Columbia River Power System (FCRPS)-funded work.

Acres Surveyed with FCRPS Program Funds in Current Fiscal Year – Number of acres newly surveyed to identify archaeological sites and historic structures in the current FY.

Agency – Any one of the three FCRPS lead federal agencies [Bonneville Power Administration (BPA), U.S. Army Corps of Engineers (Corps), or Bureau of Reclamation (Reclamation)].

APE Acres – Total Project Acres plus other lands that fall within defined APEs. Definition of this term varies by Project and is explained in Project appendices.

APE Acres Ordinarily Accessible for Survey – This is the APE, excluding the original river course, areas where slope is greater than 30 percent, non-federal lands where access cannot be obtained, and the area below the “minimum operating level” elevation.

Area of Potential Effects (APE) – The geographic area or areas within which an undertaking may directly or indirectly cause alterations in the character or use of historic properties, if any such properties exist. The APE is influenced by the scale and nature of an undertaking and may be different for different kinds of effects caused by the undertaking [Systemwide Programmatic Agreement 2009:39; 36 Code of Federal Regulation (CFR) 800.16(d)].

Collections – Material remains that are excavated or removed during a survey, excavation, or other study of a prehistoric or historic resource, and associated records that are prepared or assembled in connection with the survey, excavation, or other study (36 CFR 79.4(a)).

Contributing – A site or property evaluated as contributing to a National Register district.

Curation – Managing and preserving a collection according to professional museum and archival practices as defined in 36 CFR 79.4.

Eligible – A site that has been determined eligible for listing in the National Register of Historic Places through consensus determination or by formal determination from the

Keeper through consultation processes defined in 36 CFR Part 800 and those sites already listed in the National Register of Historic Places.

Ethnographic Study – a review of traditional patterns of behavior, often supported by oral history interviews with traditional cultural authorities like tribal elders.

FCRPS Funded – Combined BPA ratepayer generated funds and matching Corps/Reclamation congressionally appropriated funds. Also called “joint funds.” This funding has supported the FCRPS Cultural Resource Program since its inception in 1997.

Historic Property – Any prehistoric or historic district, site, building, structure, or object included in or eligible for inclusion in the National Register of Historic Places maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian organization and that meet the NRHP criteria (Systemwide PA 2009:40-41, 36 CFR 800.16(l)(1)).

Historic Properties of Religious and Cultural Significance to Indian Tribes (HPRCSIT) – One kind of Traditional Cultural Property (TCP). Unlike a TCP, to which any group or organization can ascribe significance, the term “historic properties of traditional religious and cultural significance to an Indian tribe” is used in federal law and regulation to describe a historic property to which specifically an Indian tribe attaches spiritual or cultural value. Section 101(d)(6)(A) of the National Historic Preservation Act (NHPA) states that “Properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian organization may be determined to be eligible for inclusion on the NRHP.” As with any historic property, a HPRCSIT must be a property (i.e., be a physical place) and needs to have a history of use for traditional religious and cultural activities or association with religious or cultural beliefs in the past. However, the property does not have to have been in continual use up to the present day, and its association with beliefs may have been revitalized in recent times after a period of quiescence or suppression (Systemwide PA 2009:40).

Joint Funded – Combined funds provided by BPA from power revenues and Congressionally appropriated funds provided by the Corps and Reclamation, as defined in the two Joint Funding Agreements.

Minimum Operating Level – The level which water will not go below during conventional dam operations, or the maximum area that would ever be accessible for cultural resources investigations.

Monitoring – Observing and documenting changes to a historic property through time.

Multiple Property Listing – A group listing on the National Register of Historic Places that consists of related properties that share a common theme.

National Historic Landmark – Nationally significant historic places designated by the Secretary of the Interior because they possess exceptional value or quality in illustrating or interpreting the heritage of the United States (National Park Service).

National Register District – A geographically definable area, urban or rural, possessing a significant concentration, linkage, or continuity of sites, buildings, structures, or objects united by past events or aesthetically by plan or physical development. A district may also comprise individual elements separated geographically but linked by association or history (36 CFR 60.3).

National Register Criteria for Evaluation – The four criteria (a-d) applied to evaluate properties for the NRHP described in 36 CFR 60.4.

National Register of Historic Places – According to the National Park Service, the National Register of Historic Places is “the official list of the Nation’s historic places worthy of preservation.” The National Park Service, through the authority of the Secretary of the Interior, maintains the National Register of Historic Places. Sites are determined eligible for listing on the NRHP using criteria defined in 36 CFR 60.4 (Systemwide PA 2009:41).

Non-contributing – A site evaluated as not contributing to the historical significance of a NRHP District.

Non-FCRPS Funded – Non-joint funding outside of that allocated to the FCRPS Cultural Resource Program. Can include congressional appropriations, federal highway projects, American Recovery and Reinvestment Act (ARRA) projects, privately funded projects, etc.

Not Eligible – A site that has been determined not eligible for listing in the National Register of Historic Places through consensus determination or by formal determination from the Keeper through consultation processes defined in 36 CFR Part 800.

Number of New Sites Documented with FCRPS Program Funds in FY – Number of sites documented through FCRPS-funded efforts in the current fiscal year.

Number of New Sites Documented with Non-FCRPS Program Funds in FY – Number of sites documented through non-FCRPS funded sources (regulatory projects, highway projects, etc.) in current fiscal year.

Property – All historic properties and, for identification and/or evaluation purposes, all locations/sites affected by the undertaking that may contain evidence of past human use or traditional religious and cultural importance that have yet to be identified/evaluated. Also, see definition of “Historic Property” (Systemwide PA 2009:42).

Testing – Determination of the nature, extent, and integrity of archaeological deposits through limited excavation or disturbance.

Total Number of Sites Documented as of FY (Cumulative) – Number of documented sites across the FCRPS as of the end of the current fiscal year.

Total Number of Sites at Project as of FY (Cumulative) – Total number of sites documented as of the end of the current fiscal year (includes all FCRPS and non-FCRPS funded work).

Total Number of Site Documentation Updates in FY – Number of previously documented sites for which records (site forms, maps, etc.) was updated in the current fiscal year.

Total Project Acres (Fee and Easement Lands) – All Corps/Reclamation controlled fee, easement, and withdrawn acres that are permanently or periodically inundated and/or extend above the maximum pool but are not submerged. Includes all Corps/Reclamation administered lands currently included in the Project and may include some long-term leases.

Total Project Acres Surveyed as of FY (Cumulative) – Cumulative number of acres surveyed to date (FCRPS and non-FCRPS funded work) for archaeological sites, historic sites, and historic structures. Includes only new survey.

Traditional Cultural Property (TCP) – A property that may be “eligible for inclusion in the NRHP because of its association with cultural practices or beliefs of a living community that (a) are rooted in that community’s history, and (b) are important in maintaining the continuing cultural identity of the community.” National Park service, National Register Bulletin 38, Guidelines for Evaluating and Documenting Traditional Cultural Properties (1990). The property must meet the requirements defined in 36 CFR 60.4 and Bulletin 38. Historic Properties of Religious and Cultural Significance to Indian Tribes (HPRCSIT) are a type of TCP (Systemwide PA 2009:42).

APPENDIX B

Federal Columbia River Power System (FCRPS) Cultural Resource Program Cooperating Groups and Participants

1. Wana Pa Koot Koot Cooperating Group

Bonneville, The Dalles, and John Day projects

Bonneville Power Administration
Columbia River Gorge National Scenic Area (U.S. Forest Service)
Confederated Tribes and Bands of the Yakama Nation
Confederated Tribes of the Umatilla Indian Reservation
Confederated Tribes of the Warm Springs Reservation of Oregon
Nez Perce Tribe
Oregon State Historic Preservation Office
U.S. Army Corps of Engineers, Portland District
Washington Department of Archaeology and Historic Preservation

2. Payos Kuus Cuukwe Cooperating Group

McNary, Ice Harbor, Little Goose, Lower Granite, Lower Monumental, and Dworshak projects

Bonneville Power Administration
Confederated Tribes and Bands of the Yakama Nation
Confederated Tribes of the Colville Reservation
Confederated Tribes of the Umatilla Indian Reservation
Idaho State Historical Society
Nez Perce Tribe
Oregon State Historic Preservation Office
U.S. Army Corps of Engineers, Walla Walla District
Wanapum Band
Washington Department of Archaeology and Historic Preservation

3. Chief Joseph Cooperating Group

Chief Joseph Dam Project

Bonneville Power Administration
Confederated Tribes of the Colville Reservation
U.S. Army Corps of Engineers, Seattle District
Washington Department of Archaeology and Historic Preservation
Bureau of Land Management

4. Lake Roosevelt Spokane Arm Cooperating Group

Grand Coulee Dam Project

Bonneville Power Administration
Bureau of Reclamation
National Park Service, Lake Roosevelt National Recreation Area
Spokane Tribe of Indians
Washington Department of Archaeology and Historic Preservation

5. Lake Roosevelt Mainstem Cooperating Group

Grand Coulee Dam Project

Bonneville Power Administration
Bureau of Reclamation
Confederated Tribes of the Colville Reservation
National Park Service, Lake Roosevelt National Recreation Area
Washington Department of Archaeology and Historic Preservation

6. Albeni Falls Cooperating Group

Albeni Falls Dam Project

Bonneville Power Administration
Coeur d'Alene Tribe
Confederated Salish and Kootenai Tribes
Idaho Panhandle National Forest
Idaho State Historical Society
Bureau of Land Management
Kalispel Tribe
Kootenai Tribe of Idaho
U.S. Army Corps of Engineers, Seattle District

7. Libby Cooperating Group

Libby Dam Project

Bonneville Power Administration
Confederated Salish and Kootenai Tribes
Kootenai National Forest
Montana State Historic Preservation Office
U.S. Army Corps of Engineers, Seattle District

8. Hungry Horse Cooperating Group

Hungry Horse Dam Project

Bonneville Power Administration
Bureau of Reclamation
Confederated Salish and Kootenai Tribes
Flathead National Forest
Montana State Historic Preservation Office

APPENDIX C

Reports and Products Pertaining to Historic Properties of Religious and Cultural Significance to Indian Tribes (HPRCSITs) and Traditional Cultural Properties (TCPs) by Project for Fiscal Year 2017

Appendix C provides reports and products generated in Fiscal Year (FY) 2017 pertaining to HPRCSITs and TCPs by Project. A comprehensive list of all reports generated prior to FY 2017 can be obtained by contacting the Lead Federal Agencies.

Project	Author	Document Date	Document Title	Description of Work Conducted	Funding Source	Identification	Evaluation	Treatment
Bonneville	Hylton, Lindon B.	2017	<i>Identification and Assessment of Columbia River Historic Properties of Religious and Cultural Significance to the Confederated Tribes of Warm Springs Reservation of Oregon 2016</i>	Identified new oral histories and HPRCSITs on the Columbia. Interviewed five people.	FCRPS	Y	N	N
	Sloan, Kathleen	2017	<i>Inventory for Historic Properties of Religious and Cultural Significance to Indian Tribes and Ethnographic Study within the Bonneville, The Dalles, and John Day Projects, Washington and Oregon</i>	Identified oral histories and other records pertaining to HPRCSITs located within the Warm Springs tribal archives. Created a Geodatabase for the data gathered.	FCRPS	Y	N	N

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Project	Author	Document Date	Document Title	Description of Work Conducted	Funding Source	Identification	Evaluation	Treatment
The Dalles								
	Battaglia, Mario	2017	<i>Traditional Use Study and Traditional Cultural Properties Inventory of the Access Routes and Journey Information to Celilo Falls, Wasco County, Oregon</i>	Study to identify additional places or information about the route to Celilo Falls.	FCRPS	Y	N	N
	Battaglia, Mario	2017	<i>Additional Traditional Cultural Property Information for the Inventory of Access Routes and Journey Information to Celilo Falls, Wasco County, Oregon</i>	Follow on to the previous study to identify additional places or information about the route to Celilo Falls.	FCRPS	Y	N	N
John Day								
	Engum, Jennifer Karson	2017	<i>Determination of Eligibility for The Nook, NPS 10-900 Form</i>	Determination of Eligibility for The Nook area surrounding the John Day River.	FCRPS	Y	Y	N
McNary and Ice Harbor								
	Dickson, Catherine E., Jennifer Karson Engum, and Holly Shea	2017	<i>Results of Seven Tasks Carried out to Identify and Evaluate Historic Properties of Religious and Cultural Concern to the Confederated Tribes of the Umatilla Indian Reservation. Prepared for the U.S. Army Corps of Engineers by The Confederated Tribes of the</i>	Prepared ten TCP forms for previously identified properties, oral history interviews and translation, first food identification and management recommendations, public education, and Traditional Knowledge Geodatabase.	FCRPS	N	Y	N

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Project	Author	Document Date	Document Title	Description of Work Conducted	Funding Source	Identification	Evaluation	Treatment
			<i>Umatilla Indian Reservation, Cultural Resources Protection Program, Pendleton, Oregon. Contract W912EF-15-D-0005 TO2</i>					
McNary, Ice Harbor, and Lower Monumental								
	Shellenberger Jon, Nick Finley, and Greg Kiona	2017	<i>Identification and Evaluation of Traditional Cultural Properties Associated with the Confederated Tribes and Bands of the Yakama Nation. Prepared for the U.S. Army Corps of Engineers by the Confederated Tribes of the Yakama Nation, Cultural Resources Program, Toppenish, Washington. Contract W912EF-15-D-0007 TO2</i>	Prepared eight TCP forms for previously identified properties.	FCRPS	N	Y	N
Little Goose								
No reports								
Lower Granite								
No reports								
Dworshak								
	Battaglia, Mario, Gabrielle Miller, Jessica Glindeman, Amanda Samuels, and Jackie Jim	2017	<i>Traditional Cultural Property Inventory of the Federal Columbia River Power System, Including the North Fork of the Clearwater River and the Dworshak Reservoir Downriver to the</i>	Prepared ten TCP forms for newly identified properties.	FCRPS	Y	Y	N

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Project	Author	Document Date	Document Title	Description of Work Conducted	Funding Source	Identification	Evaluation	Treatment
			<i>Dworshak Dam, Clearwater County, Idaho. Prepared for the U.S. Army Corps of Engineers by the Nez Perce Tribe Cultural Resource Program, Lapwai, Idaho. Contract W912EF-15-D-0008 TO2</i>					
Chief Joseph								
No reports								
Albeni Falls								
No reports								
Libby								
No reports								
Grand Coulee								
	McCullough Everitt, Laura	2017	<i>Interim 2016 Traditional Cultural Property Survey for the Spokane Tribe of Indians</i>	A cultural context document, providing primary and secondary ethnographic research, an oral history interview, and examination of previous STIPP oral history transcripts. Five TCPs were recorded on TCP Forms, including Ch'lhiyak' Village and Fishing Site, Little Falls Village and Fishery (Scq-esci), First Peoples' Cemetery	FCRPS	Y	Y	N

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Project	Author	Document Date	Document Title	Description of Work Conducted	Funding Source	Identification	Evaluation	Treatment
				(Sitmasqelix Tmtmn'ey'), Turtle Rock (Schs-luz Rock), and Little Falls and Owl Pictographs.				
	Confederated Tribes of the Colville Reservation	2017	Site Form for <i>TCP 11</i>	Documents characteristics and significance of a TCP.	FCRPS	Y	N	N
	Confederated Tribes of the Colville Reservation	2017	Site Form for <i>TCP 12</i>	Documents characteristics and significance of a TCP.	FCRPS	Y	N	N
	Confederated Tribes of the Colville Reservation	2017	Site Form for <i>TCP 13</i>	Documents characteristics and significance of a TCP.	FCRPS	Y	N	N
	Confederated Tribes of the Colville Reservation	2017	Site Form for <i>TCP 14</i>	Documents characteristics and significance of a TCP.	FCRPS	Y	N	N
	Confederated Tribes of the Colville Reservation	2017	Site Form for <i>TCP 15</i>	Documents characteristics and significance of a TCP.	FCRPS	Y	N	N
	Confederated Tribes of the Colville Reservation	2017	Site Form for <i>TCP 16</i>	Documents characteristics and significance of a TCP.	FCRPS	Y	N	N
	Confederated Tribes of the Colville Reservation	2017	Site Form for <i>TCP 17</i>	Documents characteristics and significance of a TCP.	FCRPS	Y	N	N

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Project	Author	Document Date	Document Title	Description of Work Conducted	Funding Source	Identification	Evaluation	Treatment
	Confederated Tribes of the Colville Reservation	2017	Site Form for <i>TCP 18</i>	Documents characteristics and significance of a TCP.	FCRPS	Y	N	N
	Confederated Tribes of the Colville Reservation	2017	Site Form for <i>TCP 19</i>	Documents characteristics and significance of a TCP.	FCRPS	Y	N	N
	Confederated Tribes of the Colville Reservation	2017	Site Form for <i>TCP 20</i>	Documents characteristics and significance of a TCP.	FCRPS	Y	N	N
Hungry Horse								
No reports								

APPENDIX D

Fiscal Year 2017 Final Deliverables

Project	Document Author	Document Date	Document Title	Identification	Evaluation	Treatment	Other	TCP
Bonneville								
	Hylton, Lindon B.	9/2017	<i>Identification and Assessment of Columbia River Historic Properties of Religious and Cultural Significance to the Confederated Tribes of Warm Springs Reservation of Oregon 2016</i>	Y	N	N	N	Y
	Sloan, Kathleen	4/12/2017	<i>Inventory for Historic Properties of Religious and Cultural Significance to Indian Tribes and Ethnographic Study within the Bonneville, The Dalles, and John Day Projects, Washington and Oregon</i>	Y	N	N	N	Y
The Dalles								
	van der Borg, Vanessa and Liz Oliver	10/2016	<i>Horsehief Lake, Columbia Hills State Park July 2016 Fire</i>	N	N	N	Y	N
	Battaglia, Mario	2/2017	<i>Traditional Use Study and Traditional Cultural Properties Inventory of the Access Routes and Journey Information to Celilo Falls, Wasco County, Oregon</i>	Y	N	N	N	Y
	CTUIR Cultural Resources Protection Program	8/2017	<i>Results of Artifact Analysis and Valuation for ARPA Case #14-0540</i>	N	N	N	Y	N
	Battaglia, Mario	9/15/2017	<i>Additional Traditional Cultural Property Information for the Inventory of Access Routes and Journey Information to Celilo Falls, Wasco County, Oregon</i>	Y	N	N	N	Y
John Day								

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Project	Document Author	Document Date	Document Title	Identification	Evaluation	Treatment	Other	TCP
	Oliver, Liz	10/2016	<i>Flowering Rush Removal Monitoring</i>	N	N	N	Y	N
	Engum, Jennifer Karson	6/22/2017	<i>Determination of Eligibility for The Nook, 10-900 Form</i>	N	Y	N	N	Y
	Oliver, Liz and Vanessa van der Borg	7/2017	<i>Results of Test Excavations at 45BN269</i>	N	N	Y	N	N
	CTUIR Cultural Resources Protection Program	8/2017	<i>Results of Artifact Analysis and Valuation for ARPA Case #14-0540</i>	N	N	N	Y	N
	Senn, Amy	9/19/2017	<i>2016/2017 Cultural Resource Monitoring of Sites Along the John Day Reservoir</i>	N	N	N	Y	N
McNary								
No reports								
Ice Harbor, Lower Monumental, Little Goose, Lower Granite								
	Gilmour, Daniel, Breanne Taylor, and Paul Solimano	2017	<i>Federal Columbia River Power System 2016 Monitoring Program: Archaeological Site Monitoring near Cattle Corridors Along the Lower Snake River and Routine Site Monitoring at Lower Monumental Project, Asotin, Columbia, Franklin, Garfield, Walla Walla, and Whitman Counties, Washington. Prepared for the U.S. Army Corps of Engineers, Walla Walla District by Willamette Cultural Resources Associates, Ltd. Contract No. W912EF-11-D-0023 TO10, Portland, Oregon</i>	N	N	N	Y	N
Lower Monumental								
	Solimano, Paul S., Todd Ogle, Breanne Taylor, Daniel Gilmour, Donald Shannon, Kanani Paraso, Michael Daniels, and David V. Ellis	2017	<i>The Trestle Site (45WT2) Collection Analysis, Lower Monumental Reservoir, Whitman County, Washington. Prepared for the U.S. Army Corps of Engineers, Walla Walla District by Willamette Cultural Resources Associates, Ltd. Contract No. W912EF-11-D-0023 TO7, Portland, Oregon</i>	N	N	N	Y	N

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Project	Document Author	Document Date	Document Title	Identification	Evaluation	Treatment	Other	TCP
Little Goose								
	Lebow, Clayton G. , Randall F. Schalk, Margaret A. Nelson, Josh S. Smallwood, and Victoria D. Smith	2016	<i>Archaeological Investigations at Illia on Little Goose Project Lands and Wilma Bar on Lower Granite Project Lands, Garfield and Whitman Counties, Washington. Prepared for the U.S. Army Corps of Engineers, Walla Walla District by Applied Earthworks, Inc., Albany, Oregon. Contract W912EF-11-D-0024 TO9</i>	Y	N	N	N	N
Lower Granite								
	Lebow, Clayton G., Randall F. Schalk, Margaret A. Nelson, Josh S. Smallwood, and Victoria D. Smith	2016	<i>Archaeological Investigations at Illia on Little Goose Project Lands and Wilma Bar on Lower Granite Project Lands, Garfield and Whitman Counties, Washington. Prepared for the U.S. Army Corps of Engineers, Walla Walla District by Applied Earthworks, Inc., Albany, Oregon. Contract W912EF-11-D-0024 TO9</i>	Y	N	N	N	N
	Ogle, Todd, Paul S. Solimano, Breanne Taylor, Daniel Gilmour, Donald Shannon, Kanani Paraso, Michael Daniels, and David V. Ellis	2017	<i>The Lower Granite Dam Construction Site (45WT35) Collection Analysis, Lower Granite Project, Whitman County, Washington. Prepared for the U.S. Army Corps of Engineers, Walla Walla District by Willamette Cultural Resources Associates, Ltd., Portland, Oregon. Contract W912EF-11-D-0023 TO8</i>	N	N	N	Y	N

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Project	Document Author	Document Date	Document Title	Identification	Evaluation	Treatment	Other	TCP
	Bonstead, Leah	2017	<i>Archaeological Inventory Survey near Lewiston and Hatwai, Idaho and Clarkston, Washington. U.S. Army Corps of Engineers, Walla Walla District</i>	Y	Y	N	N	N
Dworshak								
	Chadez, Jennifer and K. Patrick Baird	2017	<i>Federal Columbia River Power System (FCRPS) Cultural Resources Monitoring Program at Dworshak Reservoir Project Lands in Clearwater County, Idaho. Prepared for the U.S. Army Corps of Engineers, Walla Walla District by the Nez Perce Tribe Cultural Resource Program, Lapwai, Idaho. Contract W912EF-15-D-0008 TO3</i>	N	N	N	Y	N
Chief Joseph								
	Naumann, Aaron	2017	<i>2013 Survey of the Chief Joseph Dam Project Area, BLM "D" Tracts, Douglas County, Washington</i>	Y	N	N	N	N
	Naumann, Aaron and Jackie Cook	2016	<i>Assessment of the 1975 WARC and 1997 IARI Collections Made in the Chief Joseph Dam Project Area</i>	N	N	N	Y	N
	Naumann, Aaron	2017	<i>45OK196/197 Stabilization Project, Chief Joseph Dam Project Area, Colville Indian Reservation Okanogan County, Washington</i>	N	N	Y	N	N
	Naumann, Aaron	2017	<i>FY2013 Annual Report, Chief Joseph Dam Cultural Resources Project, Douglas and Okanogan Counties, Washington</i>	N	N	N	Y	N

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Project	Document Author	Document Date	Document Title	Identification	Evaluation	Treatment	Other	TCP
Albeni Falls								
	Carney, Molly, Kevin Lyons, and Jim LeMieux	2016	<i>Electrical Conductivity as a Minimally Invasive Archaeological Tool: Three Case Studies from the Pend Oreille Valley</i>	N	N	N	Y	N
	Lyons, Kevin J.	2016	<i>Technical Memorandum 2016-006: Summary Archaeological Survey Observations for Riley Creek Slough, Bonner County, Idaho</i>	Y	N	N	N	N
	Lyons, Kevin J.	2017	<i>Field Inspection: Reconnaissance of Landform Condition</i>	N	N	N	Y	N
	Lyons, Kevin J.	2017	<i>Technical Memorandum 2017-004: Summary of Archaeological Monitoring at 10BR95 Shoreline Stabilization, reported in partial fulfillment of Contract W912-DW-14-D-1015 Task Order</i>	N	N	N	Y	N
	Maroney, Kendra L.	2017	<i>Cultural Resources Monitoring of USACE Auguring Projects at Riley Creek and Trestle Creek, Bonner County, Idaho</i>	N	N	N	Y	N
Libby								
	Hemry, Cindy	2017	<i>Environmental Evaluation and Monitoring for Bank Stabilization of the Terrace on which the Blackwell Flat Dispersed Campground/Archaeological Site 24LN1018 lie adjacent to the Kootenai River, Libby, MT</i>	N	N	N	Y	N
	Kuntz, Patrick	2017	<i>Archaeological Survey Inventory of Libby Dam & Lake Koocanusa Project Lands, Lincoln County, Montana</i>	Y	Y	N	N	N
Grand Coulee								
	Casserino, Christopher M.	2015	ARPA Patrol and Monitoring Report Field Year 2017, Spokane Tribe of Indians Preservation Program: <ul style="list-style-type: none"> • September 15 to October 14, 2016 (Lincoln and Stevens Counties) • October 15 to November 15, 2016 (Lincoln and Stevens Counties) • November 16 to December 15, 2016 (Lincoln and Stevens Counties) 	N	N	Y	N	N

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Project	Document Author	Document Date	Document Title	Identification	Evaluation	Treatment	Other	TCP
			<ul style="list-style-type: none"> December 16, 2016 to January 15, 2017 (Lincoln and Stevens Counties) January 16 to February 15, 2017 (Lincoln and Stevens Counties) February 16 to March 15, 2017 (Lincoln and Stevens Counties) March 15 to April 15, 2017 (Lincoln and Stevens Counties) April 16 to May 15, 2017 (Lincoln and Stevens Counties) May 16 to June 15, 2017 (Lincoln and Stevens Counties) June 16 to July 15, 2017 (Lincoln and Stevens Counties) July 16 to August 15, 2017 (Lincoln and Stevens Counties) August 16 to September 15, 2017 (Lincoln and Stevens Counties) 					
	Casserino, Christopher M.	2017	2016 ARPA Site Condition Monitoring: Spokane Indian Reservation Lands. Spokane Tribe of Indians Preservation Program	N	Y	N	N	N
	Casserino, Christopher M.	2017	2016 ARPA Site Condition Monitoring: Non-Reservation Lands. Spokane Tribe of Indians Preservation Program	N	Y	N	N	N
	McCullough Everitt, Laura	2017	FY 16 Archaeological Inventory, Lincoln and Stevens Counties, Washington: Non-Reservation Lands. Spokane Tribe of Indians Preservation Program	Y	N	N	N	N
	McCullough Everitt, Laura	2017	FY 16 Archaeological Inventory, Stevens County, Washington: Reservation Lands. Spokane Tribe of Indians Preservation Program	Y	N	N	N	N
	McCullough Everitt, Laura	2017	Interim 2016 Traditional Cultural Property Survey for the Spokane Tribe of Indians	N	N	N	N	Y

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Project	Document Author	Document Date	Document Title	Identification	Evaluation	Treatment	Other	TCP
	Harrison, James B. III and Christopher M. Casserino	2017	<i>Archaeological Testing at the Columbia Campground Site (45SR62), Spokane Indian Reservation, Lake Roosevelt Washington. Spokane Tribe of Indians Preservation Program</i>	N	Y	N	N	N
	Casserino, Christopher M.	2017	<i>FY 2016 Burial Site Reconnaissance Survey Spokane Indian Reservation, Stevens County, Washington. Spokane Tribe of Indians Preservation Program</i>	N	Y	N	N	N
	Casserino, Christopher M.	2017	<i>FY 2016 Burial Site Reconnaissance Survey, Non-Reservation Lands in Lincoln County, Washington. Spokane Tribe of Indians Preservation Program</i>	N	Y	N	N	N
	Casserino, Christopher M.	2017	<i>FCRPS Cultural Resource Program Final Treatment Plan Form: 45LI00377 Cayuse Cove</i>	N	N	Y	N	N
	Spokane Tribe of Indians Preservation Program	2017	<i>Mill Creek Site Forensic Canine Trail. Spokane Tribe of Indians Preservation Program</i>	N	Y	N	N	N
	McCullough Everitt, Laura	2017	<i>Rock Art on the Spokane Tribe of Indian's Reservation. Documentation, Analysis, and Conservation. Spokane Tribe of Indians Preservation Program</i>	N	Y	N	N	N
	Casserino, Christopher M.	2017	<i>Non-Intrusive Identification Methods: Canine Forensics. Spokane Tribe of Indians Preservation Program</i>	N	Y	N	N	N
	Institute for Canine Forensics	2017	<i>Spokane Tribe of Indians Preservation Project April 27-28, 2017 Client Report</i>	N	Y	N	N	N
	McCullough Everitt, Laura	2017	<i>Pictographs on the Spokane Tribe of Indians Reservation: FY 17 Research and Documentation. Spokane Tribe of Indians Preservation Program</i>	N	Y	N	N	N

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Project	Document Author	Document Date	Document Title	Identification	Evaluation	Treatment	Other	TCP
	Pietarila Braun, Jennifer	2017	<i>STIPP Collections Catalog Final Report Fiscal Year 2017: October 1, 2016 Thru September 30, 2017. Spokane Tribe of Indians Preservation Program</i>	N	N	N	Y	N
	Pietarila Braun, Jennifer	2017	<i>FY2017 Traditional Use and Oral History Records Management. Spokane Tribe of Indians Preservation Program</i>	N	N	N	Y	N
	Covington, Brenda	2017	<i>2016 Site Condition Monitoring Report, Grand Coulee Dam Project Area, Ferry, Lincoln, and Stevens Counties, Washington. Confederated Tribes of the Colville Reservation History/Archaeology Program</i>	N	N	N	Y	N
	Covington, Brenda L.	2017	<i>2016 Burial Sites Inspection, Grand Coulee Dam Project Area, Ferry, Lincoln, and Stevens Counties, Washington. Confederated Tribes of The Colville Reservation History/Archaeology Program</i>	N	Y	N	N	N
	Confederated Tribes of the Colville Reservation	2017	<i>Site Forms for TCP 11, TCP 12, TCP 13, TCP 14, TCP 15, TCP 16, TCP 17, TCP 18, TCP 19, and TCP 20. Confederated Tribes of the Colville Reservation History/Archaeology Program, Nespelem, Washington</i>	Y	N	N	N	Y
	Eichelberger, Justin	2017	<i>Letter Report #2 Concerning the 60% Site Stabilization Design of Site 45ST437 at Marble Beach, Stevens County, Washington. National Park Service/Lake Roosevelt National Recreation Area</i>	N	N	N	Y	N
Hungry Horse								
	Schwab, David, D. Alex Schwab, and Dever Graham	2017	<i>FY16 Hungry Horse Reservoir Archaeological Site Condition Monitoring. Ethnotech, LLC, Polson, Montana</i>	N	N	N	Y	N
	Schwab, David, D. Alex Schwab, Dever Graham, and Timothy Ryan	2017	<i>FY16 Hungry Horse Reservoir Archaeological Survey. Ethnotech, LLC, Polson, Montana</i>	Y	N	N	N	N

APPENDIX E

PROJECT NAME & LOCATION:

Bonneville Lock and Dam/Lake Bonneville, OR and WA

FY 17 ACCOMPLISHMENTS (completed and in progress):

1) INVENTORY

Archaeology/Historic Structures: NorthWind, LLC surveyed 360 acres of federal lands in FY 2017 as part of the FY 2016 contract. Due to the survey area being chosen prior to the revised April 2016 APE, only 81 of the 360 acres are within the current APE. Portland District received a draft report in August 2017; they and BPA provided comments. For the FY 2017 contract, no lands will be inventoried in the Bonneville pool.

TCPs/HPRCSITs: The CTWSRO finalized their FY 2015 inventory work on their GIS index of oral history. They also completed the FY 2016 work which included five oral history interviews, and provided a report of their findings to assist in future work.

2) EVALUATION

Archaeology/Historic Structures: As part of the FY 2016 contract, NorthWind, LLC evaluated rock image sites along the Columbia River. These sites will be included in the existing *Multiple Property Nomination for Rock Image Sites in Southeastern Washington, Northeastern Oregon and Northwestern Idaho*. Portland District received the draft 10-900 forms in August 2017. Portland District and BPA provided comments. NorthWind, LLC will submit final forms in FY 2018.

TCPs/HPRCSITs: No TCPs or HPRCITs were evaluated in FY 2017.

3) TREATMENT/MITIGATION

Site Monitoring: The CTWSRO and Yakama Nation monitored 27 sites (14 in Washington and 13 in Oregon) in FY 2017, under the FY 2016 contracts. Portland District awarded two contracts to the CTWSRO and Yakama Nation for FY 2017 monitoring, and anticipates deliverables in FY 2018.

Site Protection/Stabilization: None

Public Education: BPA printed an additional FCRPS traveling exhibit, and Bonneville Project staff set up the display at the Bonneville Lock & Dam Visitor Center.

CRITFE hosted two Archaeological Resource Protection Act trainings for law enforcement, detectives, prosecutors, tribal monitors, park rangers, and resource stewards at their offices in Hood River.

Other Types of Treatment/Mitigation: Portland District ordered “No Digging” and ARPA signs, and Bonneville Project staff will install them in FY 2018.

4) CURATION (additions or changes in collections status)

No changes to collections curation status. Portland District will develop a new curation contract with the Yakama Museum.

5) ISSUES

None

6) PHOTOS



Figure E-1. 2017 recordation of an historic wall feature on the WA shore of the Bonneville Project.

APPENDIX F

PROJECT NAME & LOCATION:

The Dalles Lock and Dam/Lake Celilo, WA and OR

FY 17 ACCOMPLISHMENTS (completed and in progress):

1) INVENTORY

Archaeology/Historic Structures: NorthWind surveyed 437 acres of federal lands in FY 2017 as part of a FY 2016 contract. Due to the survey area being chosen prior to the revised April 2016 APE, 213 of the 437 acres are within the current APE. A draft report was received in August 2017, and comments were provided. A final report is forthcoming. NorthWind will be conducting a 963-acre pedestrian survey for a FY 2017 contract. Due to contracts being awarded at the end of FY 2017, field work has not been completed yet, but will start soon. The report will be delivered in FY 2018.

TCPs/HPRCSTs: The Confederated Tribes of Warm Springs Reservation in Oregon finalized a FY 2015 inventory and GIS database. They also completed FY 2016 work consisting of five oral history interviews and provided a report of their findings to assist in future work. The Nez Perce submitted a final deliverable for a FY 2015 contract on important TCPs along the route to Celilo Falls. They also submitted a final deliverable for a FY 2016 contract providing additional information and inventory on the route to Celilo Falls.

2) EVALUATION

Archaeology/Historic Structures: Portland District made no eligibility determinations for the NRHP using FCRPS funding. Yakama Nation Tribal archaeologists completed two Determinations of Eligibility (45KL219 and 45KL88), and one was submitted to DAHP after the end of FY 2017. As part of a FY 2016 contract, NorthWind evaluated rock image sites along the Columbia River to be included in the existing *Multiple Property Nomination for Rock Image Sites in Southeastern Washington, Northeastern Oregon and Northwestern Idaho*. Draft NPS 10-900 forms were received in August 2017, and government comments were provided. NorthWind will submit final forms in FY 2018.

TCPs/HPRCSTs: N/A

3) TREATMENT/MITIGATION

Site Monitoring: The Yakama Nation and CTWSRO monitored a total of 38 sites (18 in Washington and 20 in Oregon) were monitored in FY 2017; the work was conducted under FY 2016 contracts. FY 2017 contracts were not awarded until the end of FY 2017.

Site Protection/Stabilization: The Dalles Project staff installed a fence at Seuferts to help protect the site from off- road vehicles and keep visitors on a designated path. At the request of tribal elders, The Dalles Project staff cleared vegetation at 45KL65, which improved visibility of the petroglyph.

Public Education: Portland District staff participated in the Portland State University Archaeology roadshow.

Other Types of Treatment/Mitigation: Corps staff met with Claire Dean, a rock art conservator, about the removal and relocation of the Maryhill Petroglyph. Dean completed an updated Condition Assessment.

The Yakama Nation completed a draft Cultural Resources Management Plan for Columbia Hills State Park.

Statewide Land Surveying, Inc. created structure from motion 3-D imagery of the Bear Paw site, 45KL88, in the spring of FY 2017.

4) CURATION (additions or changes in collections status)

No changes to collections curation status.

5) ISSUES

High water levels and reservoir fluctuations exposed a burial on the Washington side of the reservoir. The Yakama Nation and Portland District archaeologists recovered the remains. The Corps worked with the Yakama Nation, CTUIR, CTWSRO, and Nez Perce Tribes to rebury the ancestral remains through the NAGPRA process.

6) **PHOTOS**



Figure F-1. Corps archaeologist Tara Gauthier and Rock Art Specialist Claire Dean inspecting the Maryhill Petroglyph

APPENDIX G

PROJECT NAME & LOCATION:

John Day Lock and Dam/Lake Umatilla, WA and OR

FY 17 ACCOMPLISHMENTS (completed and in progress):

1) INVENTORY

Archaeology/Historic Structures: NorthWind surveyed 6,499.6 acres of federal lands in FY 2017 as part of the FY 2016 contract. Portland District received a draft report in August 2017 and provided comments. A final report is forthcoming. NorthWind will conduct a 2,117-acre pedestrian survey under the FY 2017 contract. Due to delayed contract award, field work has not been completed yet, but will start soon. The report will be delivered in FY 2018. “Structure from Motion 3-D” documentation of a rock image site, 45KL88, was completed in the spring of FY 2017.

TCPs/HPRCSTs: The Confederated Tribes of Warm Springs Reservation of Oregon finalized the FY 2015 inventory and a GIS index of oral history. They also completed FY 2016 work consisting of five oral history interviews, and provided a report of their findings to assist in future work. The Nez Perce submitted a final deliverable for a FY 2015 contract on important TCPs along the route to Celilo Falls. They also submitted a final deliverable on a FY 2016 contract which provided additional information on the Celilo Falls route.

2) EVALUATION

Archaeology/Historic Structures: Portland District made no eligibility determinations for the NRHP using FCRPS funding. Yakama Nation archaeologists completed two determinations of eligibility, and one was submitted to DAHP after the end of FY 2017. As part of the FY 2016 contract, NorthWind evaluated rock image sites along the Columbia for inclusion in the existing *Multiple Property Nomination for Rock Image Sites in Southeastern Washington, Northeastern Oregon and Northwestern Idaho*. Portland District received draft NPS 10-900 forms in August 2017, and government comments were provided. Northwind will submit final forms in FY 2018.

TCPs/HPRCSTs: CTUIR completed a NPS 10-900 form for The Nook which will be submitted to the SHPO in FY 2018.

3) TREATMENT/MITIGATION

Site Monitoring: CTUIR monitored 22 sites (8 in Washington and 14 in Oregon) in FY 2017; the work was conducted under FY 2016 contracts. Portland District awarded FY 2017 contracts at the end of the fiscal year, and therefore CTUIR will monitor 24 sites in FY 2018.

Site Protection/Stabilization: The Portland District Small Projects Team completed a bank stabilization design at Plymouth Island. Portland District, Yakama Nation, CTUIR, CTWSRO, and Nez Perce staff finalized the Section 106 process for adverse effects to the Sol-luc-a Archaeological District. Following completion of the National Environmental Policy Act review, Portland District plans to award the construction contract in FY2018.

Portland District, John Day Project, and CTUIR staff visited the John Day Narrows sites in preparation of a fencing project to treat adverse effects from cattle trampling. The CTWSRO will develop eligibility recommendations for the Narrows sites to move forward with the Section 106 process.

No new treatments or mitigations were implemented in FY 20107.

Public Education: N/A

Other Types of Treatment/Mitigation: N/A

4) CURATION (additions or changes in collections status)

No changes to collections curation status.

5) ISSUES

None

6) PHOTOS



Figure G-1. Corps staff, Liz Oliver and Sara Knowles, during the testing at Plymouth Island for the stabilization project.

APPENDIX H

PROJECT NAME & LOCATION:

McNary Lock and Dam/Lake Wallula Project, OR and WA

FY 17 ACCOMPLISHMENTS (completed and in progress):

1) INVENTORY

Archaeology/Historic Structures: The number of archaeological sites for McNary Project lands has increased to 130 sites. This change is due to recent geodatabase updates where sites that had been misplotted in the original river channel were shifted to the now-inundated shoreline, which resulted in an increased total site count.

TCPs/HPRCSITs: The Yakama Nation and Confederated Tribes of Umatilla Indian Reservation (CTUIR) completed task orders for identification and evaluation of TCPs at McNary, Ice Harbor, and Lower Monumental during FY 2017.

2) EVALUATION

Archaeology/Historic Structures: The Corps completed evaluation of three properties in 2016 (35UM492, 493, and 494), and received final SHPO concurrence with those evaluations in 2017.

During FY 2017, the Corps worked on revisions and corrections to the McNary Lock and Dam NRHP evaluation with the final document to be submitted for SHPO concurrence in FY 2018.

TCPs/HPRCSITs: The Corps awarded three task orders during FY 2017 to the CTUIR and Colville Confederated Tribes (CCT) for preparation of additional TCP forms for previously identified properties with eligibility determinations, assessment of effect, and mitigation recommendations. Final deliverables are due in FY 2018 and FY 2019.

3) TREATMENT/MITIGATION

Site Monitoring: Archaeological monitoring was conducted by Corps staff at McNary during FY 2017 (11 sites). Effects documented included those related to recreation (1 site), fluvial erosion (three sites), wildfire (1 site), rodents (1 site), agriculture off Corps

land (1 site), and an inadvertent discovery due to unauthorized repairs by a lease holder (1 site). Six of the sites displayed little or no observed effects.

Site Protection/Stabilization: A contract was awarded during FY 2016 for the development of stabilization options for sites at Columbia Park and Columbia Point. Further planning and cultural review was conducted during FY 2017 for Columbia Park with stabilization planned for Columbia Park during FY 2018.

Public Education: The CTUIR TCP contract included public education deliverables. CTUIR staff gave presentations on HPRCSITs and first foods at a number of meetings in 2016 and 2017.

Other Types of Treatment/Mitigation: No other types of treatment/mitigation were completed at McNary during FY 2017.

4) CURATION (additions or changes in collections status)

Walla Walla District currently curates collections with Washington State University (WSU) as a single unit rather than by operating project. At the close of FY 2017, the total curated collection consisted of 3,089 cubic feet of artifacts and 339 linear feet of records. WSU completed the third year of a four year contract for maintenance and rehabilitation of existing collections.

5) ISSUES

An 80-percent draft was achieved in FY 2012 of the Ice Harbor Project Historic Properties Management Plan (HPMP). In FY 2013, this draft was used to begin development of a comprehensive Lower Snake River HPMP to include four Projects on the lower Snake River. The document was expanded during FY 2016 to include all NWW operating projects, including McNary and Dworshak. A draft was provided to the Payos Kuus Cuukwe members during the March 2016 workshop. The Corps received comments from multiple Tribes, and subsequently made changes to the document. A revised document was provided to Corps Northwestern Division and BPA for review in FY 2017, and comments received were incorporated into the latest version. A revised draft will be provided to the Payos group during FY 2018.

6) PHOTOS



Figure H-1. View to the west along the shoreline at Cottonwood Cove, which was stabilized in 2015 (Corps photo DSC00111.jpg).

APPENDIX I

PROJECT NAME & LOCATION:

Ice Harbor Lock and Dam/Lake Sacajawea, WA

FY 17 ACCOMPLISHMENTS (completed and in progress)

1) INVENTORY

Archaeology/Historic Structures: The number of archaeological sites for Ice Harbor Project lands has increased to 52 sites. This change is due to recent geodatabase updates where sites that had been misplotted in the original river channel were shifted to the now-inundated shoreline, which resulted in an increased total site count.

TCPs/HPRCSITs: The Yakama Nation and CTUIR completed task orders for identification and evaluation of TCPs at McNary, Ice Harbor, and Lower Monumental during FY 2017.

2) EVALUATION

Archaeology/Historic Structures: The Corps completed NRHP evaluation forms for three modern windmills that had been assigned site numbers at Ice Harbor (45FR468, 45FR470, and 45WW117). The SHPO concurred that the properties were not eligible for the NRHP.

During FY 2017, the Corps worked on revisions and corrections to the Ice Harbor Lock and Dam NRHP evaluation with the final deliverable to be submitted for SHPO concurrence in FY 2018.

TCPs/HPRCSITs: The Corps awarded three task orders during FY 2017 to the CTUIR and CCT for preparation of additional TCP forms for previously identified properties with eligibility determinations, assessment of effect, and mitigation recommendations. Final deliverables are due in FY 2018 and FY 2019.

3) TREATMENT/MITIGATION

Site Monitoring: Archaeological monitoring was conducted by a contractor at Ice Harbor during FY 2017 (2 sites). One of the sites was experiencing effects from a cattle grazing easement as well as erosion. The other site did not have any impacts.

Site Protection/Stabilization: No site protection/stabilization activities were conducted at Ice Harbor during FY 2017.

Public Education: The CTUIR TCP contract included public education deliverables. CTUIR staff gave presentations on HPRCSITs and first foods at a number of meetings in 2016 and 2017.

Other Types of Treatment/Mitigation: A collections analysis report is in progress for the Fishhook Jim Island site (site 45FR042), and the final report is due in FY 2018.

4) CURATION (additions or changes in collections status)

Walla Walla District currently curates collections with Washington State University as a single unit rather than by operating project. At the close of FY 2017, the total curated collection consisted of 3,089 cubic feet of artifacts and 339 linear feet of records. WSU completed the third year of a four year contract for maintenance and rehabilitation of existing collections.

5) ISSUES

An 80-percent draft was achieved in FY 2012 of the Ice Harbor Project Historic Properties Management Plan (HPMP). In FY 2013, this draft was used to begin development of a comprehensive Lower Snake River HPMP to include four Projects on the lower Snake River. The document was expanded during FY 2016 to include all NWW operating projects, including McNary and Dworshak. A draft was provided to the Payos Kuus Cuukwe members during the March 2016 workshop. The Corps received comments from multiple Tribes, and subsequently made changes to the document. A revised document was provided to Corps Northwestern Division and BPA for review in FY 2017, and comments received were incorporated into the latest version. A revised draft will be provided to the Payos group during FY 2018.

6) PHOTOS



Figure I-1. View of a cattle trail extending along an abandoned railroad grade (45WT118), adjacent to a precontact lithic scatter (site 45WW062) (from Gilmour et al. 2017, page 367).

APPENDIX J

PROJECT NAME & LOCATION:

Lower Monumental Lock and Dam/Lake West Project, WA

FY 17 ACCOMPLISHMENTS (completed and in progress):

1) INVENTORY

Archaeology/Historic Structures: The number of archaeological sites for Lower Monumental Project lands remains the same at 189 sites. No new sites or historic structures were documented during FY 2017.

TCPs/HPRCSTs: The Yakama Nation and CTUIR completed task orders for identification and evaluation of TCPs at McNary, Ice Harbor, and Lower Monumental during FY 2017.

2) EVALUATION

Archaeology/Historic Structures: The Corps completed NRHP evaluation forms for three precontact sites at Lower Monumental (45FR487, 493, and 495). The SHPO concurred that these properties were eligible for the NRHP.

TCPs/HPRCSTs: The Yakama Nation and CTUIR completed task orders for identification and evaluation of TCPs at McNary, Ice Harbor, and Lower Monumental during FY 2017.

The Corps awarded three task orders during FY 2017 to the CTUIR and CCT for preparation of additional TCP forms for previously identified properties with eligibility determinations, assessment of effect, and mitigation recommendations. Final deliverables are due in FY 2018 and FY 2019.

3) TREATMENT/MITIGATION

Site Monitoring: Archaeological monitoring was conducted by a contractor and in-house by Corps staff at Lower Monumental during FY 2017 (54 sites). Impacts observed included erosion (five sites); agriculture (1 site); cattle grazing (3 sites); rodent, owl, or

coyote burrows/dens (5 sites); visitor disturbance (2 sites); vegetation (2 sites); and wildland fire (2 sites). Thirty-nine of the sites did not have any impacts.

Site Protection/Stabilization: No site protection or stabilization activities were conducted during FY 2017.

Public Education: The CTUIR TCP contract included public education deliverables. CTUIR staff gave presentations on HPRCSITs and first foods at a number of meetings in 2016 and 2017.

Other Types of Treatment/Mitigation: A collections analysis report was completed for the Trestle Site (45WT002) at Lower Monumental. The site was originally excavated in 1963, and the 2017 report includes the result of reanalysis of the collections, obsidian sourcing, and AMS dating (Solimano et al. 2017). The authors found that occupation of this hunting and fishing camp began in the early Holocene with peak use during the Tucannon phase. Fourteen of the obsidian artifacts submitted were from six Oregon sources, and two artifacts were from Timber Butte in Idaho.

4) CURATION (additions or changes in collections status)

Walla Walla District currently curates collections with Washington State University as a single unit rather than by operating project. At the close of FY 2017, the total curated collection consisted of 3,089 cubic feet of artifacts and 339 linear feet of records. WSU completed the third year of a four year contract for maintenance and rehabilitation of existing collections. Collections from a number of Lower Monumental sites were rehabilitated or new collections integrated, including 45FR051 (Joso Trestle Railroad Camp), 45WT001 (Riparia/Texas City), 45WT002 (Trestle Site), 45WT242 (Wildhorse), and 45WT134 (Hatiuhpuh).

5) ISSUES

An 80-percent draft was achieved in FY 2012 of the Ice Harbor Project Historic Properties Management Plan (HPMP). In FY 2013, this draft was used to begin development of a comprehensive Lower Snake River HPMP to include four Projects on the lower Snake River. The document was expanded during FY 2016 to include all NWW operating projects, including McNary and Dworshak. A draft was provided to the Payos Kuus Cuukwe members during the March 2016 workshop. The Corps received comments from multiple Tribes, and subsequently made changes to the document. A revised document was provided to the Corps Northwestern Division and BPA for review in FY 2017, and comments received were incorporated into the latest version. A revised draft will be provided to the Payos group during FY 2018.

6) PHOTOS



Figure J-1. View of the Lower CL Trench, excavated at the Trestle Site (45WT002) in 1963. The excavation summary and reanalysis were discussed in the recently completed collection analysis report (Solimano et al. 2017:4-10).

APPENDIX K

PROJECT NAME & LOCATION:

Little Goose Lock and Dam/Lake Bryan, WA

FY17 ACCOMPLISHMENTS (completed and in progress):

1) INVENTORY

Archaeology/Historic Structures: The number of archaeological sites for Little Goose Project lands has increased to 109 sites. The location of two sites that had previously been misplotted off Corps land in the original river channel were corrected. A contractor conducted survey, site documentation, and testing at Illia at Little Goose and Wilma Bar site at Lower Granite during the FY 2017 reporting period (Lebow et al. 2016). At Little Goose, two sites that had been previously noted were documented (45GA563 and 564), one site was redocumented (45GA026), and one new historic site was documented (45GA562).

TCPs/HPRCSTs: No TCP/HPRCSTs were inventoried during FY 2017 at Little Goose.

2) EVALUATION

Archaeology/Historic Structures: The Corps completed NRHP evaluation forms for the four Illia sites mentioned above, as well as three precontact and one historic site at Little Goose. The SHPO concurred that one of the properties was eligible for the NRHP (45GA026), and the other three were not eligible (45GA562, 563, and 564).

TCPs/HPRCSTs: The Corps awarded two task orders during FY 2017 to the CCT for preparation of additional TCP forms for previously identified properties with eligibility determinations, assessment of effect, and mitigation recommendations. Final deliverables are due in FY 2018 and FY 2019.

3) TREATMENT/MITIGATION

Site Monitoring: One site was monitored at Little Goose during FY 2017 by Corps contractors, and there were no effects observed.

Site Protection/Stabilization: No site protection/stabilization activities were conducted at Little Goose during FY 2017.

Public Education: No site public education activities were conducted at Little Goose during FY 2017.

Other Types of Treatment/Mitigation: No other types of treatment or mitigation projects were conducted at Little Goose during FY 2017.

4) CURATION (additions or changes in collections status)

Walla Walla District currently curates collections with Washington State University as a single unit rather than by operating project. At the close of FY 2017, the total curated collection consisted of 3,089 cubic feet of artifacts and 339 linear feet of records. WSU completed the third year of a four year contract for maintenance and rehabilitation of existing collections. Collections and records from the four sites at Illia were integrated into the Corps collection during FY 2017.

5) ISSUES

An 80-percent draft was achieved in FY 2012 of the Ice Harbor Project Historic Properties Management Plan (HPMP). In FY 2013, this draft was used to begin development of a comprehensive Lower Snake River HPMP to include four Projects on the lower Snake River. The document was expanded during FY 2016 to include all NWW operating projects, including McNary and Dworshak. A draft was provided to the Payos Kuus Cuukwe members during the March 2016 workshop. The Corps received comments from multiple Tribes, and subsequently made changes to the document. A revised document was provided to the Corps Northwestern Division and BPA for review in FY 2017, and comments received were incorporated into the latest version. A revised draft will be provided to the Payos group during FY 2018.

6) PHOTOS



Figure K-1. Shovel testing in the Illia Housing area, looking north (Lebow et al 2016:55).

APPENDIX L

PROJECT NAME & LOCATION:

Lower Granite Lock and Dam/Lower Granite Lake, WA and ID

FY 17 ACCOMPLISHMENTS (completed and in progress):

1) INVENTORY

Archaeology/Historic Structures: The number of archaeological sites for Lower Granite Project lands has increased to 162 sites. One new historic site was documented at Lower Granite in Washington (45AS470), one historic structure was documented at Lower Granite in Idaho (15nww08-01, Tammany Outbuilding), and a site update was completed for a previously documented site in Idaho (10NP147).

A contractor conducted survey, site documentation, and testing at Illia (at Little Goose) and Wilma Bar (at Lower Granite) during the FY 2017 reporting period (Lebow et al. 2016). At Lower Granite, the portion of site 45WT78/79 on Corps land was shovel tested and redocumented.

TCPs/HPRCSTs: No TCP/HPRCSTs were inventoried during FY 2017 at Lower Granite.

2) EVALUATION

Archaeology/Historic Structures: The Corps completed NRHP evaluation forms for one site in Washington at Lower Granite, 45AS470. The SHPO concurred that this property was not eligible. The Idaho SHPO concurred during 2017 that three precontact sites were eligible (10NP109, 110, and 131), that one historic structure was not eligible (15nww08-01), and that the historic component of a multi-component site was not NRHP eligible (10NP147, the precontact component is unevaluated).

TCPs/HPRCSTs: The Corps awarded two task orders during FY 2017 to the CCT for preparation of additional TCP forms for previously identified properties with eligibility determinations, assessment of effect, and mitigation recommendations. Final deliverables are due in FY 2018 and FY 2019.

3) TREATMENT/MITIGATION

Site Monitoring: Seventeen sites were monitored at Lower Granite during FY 2017 by a contractor and in-house by Corps staff. Impacts observed included erosion (four sites), visitor impacts (3 sites), burrowing animals (2 sites), cow trails (3 sites), and wildfire (2 sites). The Corps installed a wildlife camera at one site during FY 2017, but nothing of interest was noted.

Site Protection/Stabilization: The Corps purchased additional gravel for trail maintenance outside of archaeological sites at Hells Gate Habitat Management Unit to encourage users to stay on the official trails. The Corps also provided funding for a study to remove some undeveloped lands from the Hells Gate State Park lease and instead incorporate those lands into the Hells Gate Habitat Management Unit.

Public Education: No public education activities were conducted at Lower Granite during FY 2017.

Other Types of Treatment/Mitigation: The Corps received a final report during FY 2017 for the reanalysis of the collection from the Lower Granite Dam Construction site (45WT035) (Ogle et al. 2017). The site was originally excavated in 1964 to 1965, and the landform was completely destroyed during construction of Lower Granite Dam. The site was a hunting and fishing camp occupied throughout the Holocene, but with the main occupation during the Tucannon phase. Eleven artifacts were submitted for obsidian source analysis; ten artifacts were from two sources in Oregon, and one artifact was from Timber Butte in Idaho.

4) CURATION (additions or changes in collections status)

Walla Walla District currently curates collections with Washington State University as a single unit rather than by operating project. At the close of FY 2017, the total curated collection consisted of 3,089 cubic feet of artifacts and 339 linear feet of records. WSU completed the third year of a four year contract for maintenance and rehabilitation of existing collections. Collections were rehabilitated for one site at Lower Granite, 45AS099, and collections and records from testing at 45WT78/79 were integrated into the collection.

5) ISSUES

An 80-percent draft was achieved in FY 2012 of the Ice Harbor Project Historic Properties Management Plan (HPMP). In FY 2013, this draft was used to begin development of a comprehensive Lower Snake River HPMP to include four Projects on the lower Snake River. The document was expanded during FY 2016 to include all

NWW operating projects, including McNary and Dworshak. A draft was provided to the Payos Kuus Cuukwe members during the March 2016 workshop. The Corps received comments from multiple Tribes, and subsequently made changes to the document. A revised document was provided to the Corps Northwestern Division and BPA for review in FY 2017, and comments received were incorporated into the latest version. A revised draft will be provided to the Payos group during FY 2018.

6) PHOTOS

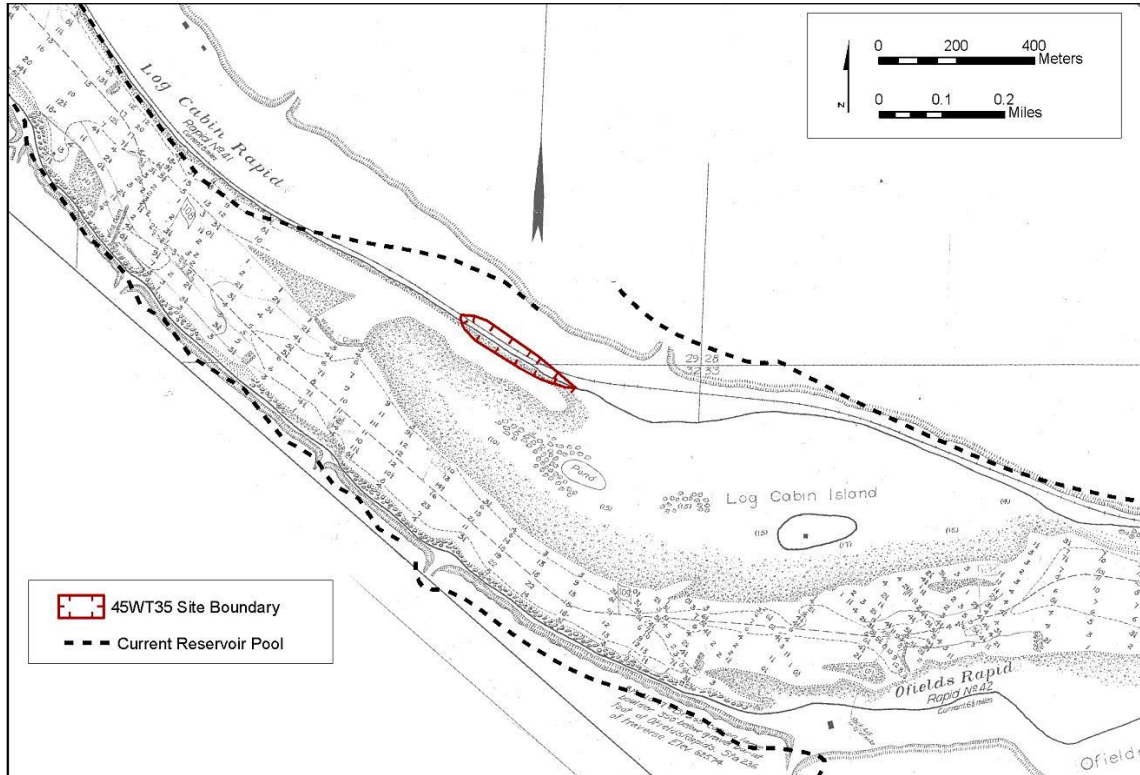


Figure L-1. Location of 45WT35, the Lower Granite Dam construction site, overlain on a Corps 1917 map. The site was excavated in 1964 and 1965, and a collection analysis was completed this year (Ogle 2017:2-2).

APPENDIX M

PROJECT NAME & LOCATION:

Dworshak Dam and Reservoir, ID

FY 17 ACCOMPLISHMENTS (completed and in progress):

1) INVENTORY

Archaeology/Historic Structures: The number of archaeological sites at Dworshak has remained the same, 163 sites. One archaeological survey was conducted at Dworshak during FY 2017 for a vegetation management undertaking, and no historic properties were identified.

TCPs/HPRCSITs: The Nez Perce Tribe completed a task order for identification and evaluation of TCPs at Dworshak during FY 2017.

2) EVALUATION

Archaeology/Historic Structures: No sites or structures were evaluated at Dworshak during FY 2017.

TCPs/HPRCSITs: The Corps received a final TCP form deliverable for 10 properties at Dworshak. A monitoring contract with a TCP component was awarded in FY 2017, and the final deliverable is due during FY 2018.

3) TREATMENT/MITIGATION

Site Monitoring: Four sites at Dworshak were monitored during FY 2017. All four of the sites were affected by shoreline erosion, and two of the sites were experiencing recreation-related impacts, including trash disposal and possible artifact collecting. One of the sites is located adjacent to a mini-camp.

Site Protection/Stabilization: No site protection/stabilization activities were conducted during FY 2017.

Public Education: No public education activities were conducted at Dworshak during FY 2017.

Other Types of Treatment/Mitigation: No treatment or mitigation activities were conducted at Dworshak during FY 2017.

4) CURATION (additions or changes in collections status)

There are no changes to the site collections for Dworshak.

5) ISSUES

An 80-percent draft was achieved in FY 2012 of the Ice Harbor Project Historic Properties Management Plan (HPMP). In FY 2013, this draft was used to begin development of a comprehensive Lower Snake River HPMP to include four Projects on the lower Snake River. The document was expanded during FY 2016 to include all NWW operating projects, including McNary and Dworshak. A draft was provided to the Payos Kuus Cuukwe members during the March 2016 workshop. The Corps received comments from multiple Tribes, and subsequently made changes to the document. A revised document was provided to the Corps Northwestern Division and BPA for review in FY 2017, and comments received were incorporated into the latest version. A revised draft will be provided to the Payos group during FY 2018.

6) PHOTOS



Figure M-1. View facing southeast, showing an erosion channel through site 10CW497, located in the drawdown zone at Dworshak reservoir (site monitoring form, Chadez et al. 2017).

APPENDIX N

PROJECT NAME & LOCATION:

Chief Joseph Dam and Rufus Woods Lake, Okanogan and Douglas Counties, WA

FY 17 ACCOMPLISHMENTS (completed and in progress):

1) INVENTORY

Archaeology/Historic Structures: Inventory at Chief Joseph was contingent upon the completion of a GIS data reconciliation of inventory and site data within the Project APE. The reconciliation incorporated GIS data from Corps Seattle District, Colville Confederated Tribes History and Archaeology Department (CCT H/A), BPA, and WISAARD; and was completed in September 2017. Results established approximately 1,950 acres of land within the Chief Joseph APE has not been surveyed, of which 650 acres are Federal Lands. Reconciliation of site data found a total of 462 sites within the project APE, which is an increase of 22 sites from FY 16. CCT H/A has initiated inventory of the 650 acres of Federal Land under contract with the Corps Seattle District, and inventory should be completed in FY 18.

The CCT H/A assisted the Corps Natural Resources Management (NRM) staff with a Herpetology Study, and conducted archaeological subsurface surveys of multiple Wildlife Mitigation Areas within the Chief Joseph APE. Work for this project was completed in August and September 2017 and will continue in Spring 2018. Ten existing archaeological sites were revisited, five new sites were recorded, and a total of 90.89 acres were resurveyed. The five newly recorded sites have not received trinomials at this time, and will be reported in the FY 18 annual report.

The CCT H/A also completed subsurface testing at two sites and inventory of 3.47 acres for proposed upgrades at the Net Pens Campground within the Chief Joseph APE. Sites 45OK00247 and 45OK00248 were excavated and reassessed. A total of six new features were identified.

Other non-FCRPS projects completed by the CCT H/A within the Chief Joseph APE resulted in 52.45 acres resurveyed and five newly recorded archaeological sites. FY 17 saw a total of 146.81 acres resurveyed, 10 newly recorded sites, and 13 sites monitored within the Chief Joseph APE.

TCPs/HPRCs/ITS: A TCP inventory was completed of the Chief Joseph APE in 2006 by the CCT H/A. Under the current IDIQ contract the CCT H/A began implementation of

the Interpretive Plan. Preparations to conduct interviews with tribal members of the Colville Confederated Tribes began in FY 17, and will continue in FY 18.

2) EVALUATION

Archaeology/Historic Structures: No archaeological sites or historic structures were evaluated in FY 17.

TCPs/HPRCSITs: A Determination of National Register Eligibility for the Chief Joseph Dam Tribal Fishery was completed in FY 15. The THPO and SHPO have concurred with the determination. A Determination of Eligibility for the Chief Joseph Dam was drafted in FY 17. The Corps Seattle District and the CCT are collaborating on developing an MOU for tribal member access to the fishery located at the dam. Once the MOU is complete it will be included as part of the treatment plan for the Tribal Fishery TCP.

3) TREATMENT/MITIGATION

Site Monitoring: See above (Section 1, Inventory) for details regarding sites monitored in FY 17 within the Chief Joseph APE.

Site Protection/Stabilization: No site stabilizations were completed in FY 17. The report for the 45OK196/197 Stabilization Project completed in FY 15 was finalized, and submitted to the federal agencies in FY 17.

Public Education: N/A

Other Types of Treatment/Mitigation: FY 17 saw the initial stages of planning for a Rock Image Multiple Property Nomination and Treatment Plan at Chief Joseph. There are various issues associated with rock image sites within the project APE including lack of updated site records and physical impacts such as roads, cattle, and inundation. The cooperating group has been in discussion regarding completing assessments and evaluations of all rock image sites within the Chief Joseph APE, and planning will continue in FY 18.

4) CURATION (additions or changes in collections status)

The CCT Repository stores collections associated with the Chief Joseph Dam Project. Cultural resource work has been completed by numerous museums, universities, and private contractors. The CCT completed two curation objectives in FY 17: 1) Identify all collections and initiate preparation of work plan, and 2) Submit a draft final work plan for government review. Archaeological collections from the Chief Joseph Dam Project curated at the CCT Repository total 4,200 cubic feet. There are approximately 90 linear

feet of records and 91 GB of electronic records (databases, photographic scans, document scans, etc.). The draft work plan includes three main tasks designed to organize and integrate the various projects undertaken at Chief Joseph and identify any collections that may be located at universities, agencies, or private contractors.

5) ISSUES

Ongoing concerns have been raised regarding the rock image sites within the Chief Joseph APE and the lack of recordation, evaluation, and protection of these resources. The cooperating group is in discussions and planning to address these issues and prepare a timeline to complete proper documentation and treatment if necessary.

6) PHOTOS



Figure N-1. Staff from the Corps Natural Resources Management office, Colville Confederated Tribes History and Archaeology Department, and BPA visited Wildlife Mitigation Areas within the Chief Joseph APE before a quarterly cooperating group meeting in July 2017.

APPENDIX O

PROJECT NAME & LOCATION:

Albeni Falls Dam/Pend Oreille Lake, ID

The Albeni Falls Dam and Pend Oreille Lake Project (Albeni Falls Project or AFD) is a federal hydroelectric and local flood control facility constructed in the early 1950s in Bonner County, Idaho. The Seattle District, U.S. Army Corps of Engineers (Corps) operates and maintains the Albeni Falls Project for the multiple authorized purposes of power generation, navigation, recreation, flood control, and fish and wildlife conservation. The Project provides over 1.1 million acre-feet of useable storage for 15 downstream federal and non-federal hydroelectric projects. The reservoir includes all of Pend Oreille Lake and 25 miles of the Pend Oreille River between the dam and the lake. The pool elevation usually varies from a low range of 2,051-2,055 feet to a maintained high of 2,062.5 feet above mean sea level (msl), referenced to National Geodetic Vertical Datum (NGVD) 1929. The Albeni Falls Project consists of 99,439 total acres. Corps fee title real estate comprises 23 percent; the rest is less-than-fee estate, such as flowage easement estates or licenses from lands in private, U.S. Forest Service, or state or local government ownership.

The AFD Cultural Resources Cooperating group is comprised of Seattle District Corps of Engineers, BPA, Idaho Panhandle National Forest, the Kalispel Tribe of Indians, Kootenai Tribe of Idaho, Coeur d'Alene Tribe, and the Confederated Salish and Kootenai Tribe of the Flathead Indian Reservation. The cooperating group met four times in FY 17 with a workshop in conjunction with the spring meeting to explore how to look at archaeological sites within Corps easements on private property.

FY 17 ACCOMPLISHMENTS (completed and in progress):

1) INVENTORY

Archaeology/Historic Structures: During FY 17 a total of 25 sites were revisited and monitored. Updated sites forms were produced for sites 10BR575 and 10BR471.

TCPs/HPRCs/ITs: Site forms were updated for sites 10BR575 and 10BR471, which are a part of the larger Carey Creek cultural landscape and located within the bank stabilization planning effort.

2) EVALUATION

Archaeology/Historic Structures: None

TCPs/HPRCSTs: Site 10BR575 was evaluated to determine if it retained eligibility for the National Register in order to proceed with the bank stabilization planning project. Site 1BR575 was determined eligible under both Criterion A and D. In addition, site 10BR575 is a part of the much larger Carey Creek cultural landscape, which contains a number of archaeological sites and has been continually utilized for camas gathering. In addition, the Carey Creek alluvial fan was one of the two northern end points of the trail system that connected the Pend Oreille and Coeur d'Alene sub-basins via the Hoodoo Creek channel.

3) TREATMENT/MITIGATION

Site Monitoring: Monitoring continued at Bear Paw Rock during the summer recreation season. During the monitoring period Bear Paw Rock experienced vandalism by an unknown member of the public.

Site Protection/Stabilization: For FY 17, a bank stabilization project was planned for site 10BR575. Site 10BR575 is currently being eroded. As part of the project planning process, the site was determined eligible for the National Register, and a bank stabilization project was designed to mitigate ongoing adverse effects caused by erosion due to wave action. Construction is anticipated to occur in FY 19.

Public Education: The Kalispel Tribe conducted a total of 10 public outreach events during FY 17.

Other Types of Treatment/Mitigation: None

4) CURATION (additions or changes in collections status)

AFD collection is being temporarily curated at AMEC Foster Wheeler in Bothell, Washington. The current collection contains 78 boxes of artifacts, 14 boxes of associated documents, 5 boxes of photographic material, and 24 oversized items.

5) ISSUES

Between the July 4th weekend and July 13th, vandalism was reported at Bear Paw Rock, a Traditional Cultural Property. Vandalism consisted of unknown person(s) placing a

residue on the rock which highlighted the bear paws on the rock face. A sample of the residue was collected and sent for analysis. The cooperating group is in the process of discussing additional monitoring efforts during the recreation season.

6) PHOTOS



Figure O-1. Overview of the bank at 10BR575 looking east. Photograph taken from top of bank.



Figure O-2. Deflated earth oven at site 10BR575. Carey Creek is in background.



Figure O-3. Resistivity survey line at site 10BR471 within the Carey Creek cultural landscape.

APPENDIX P

PROJECT NAME & LOCATION:

Libby Dam/Lake Koocanusa, MT

FY 17 ACCOMPLISHMENTS (completed and in progress):

1) INVENTORY

Archaeology/Historic Structures: During FY 17, 80 acres were surveyed on Corps land, consisting of a narrow strip of land that borders Highway 37 for 2.2 miles and includes the roadway and right-of-way in Township 36 North, Range 28 West, Sections 11, 14, 15, and 22. During this survey, one new archaeological site was identified. Site 24LN2302 consists of a small concentration of metal cans and smaller amounts of other domestic debris including a small amount of glass. The site was recommended as not eligible for the NRHP. Of the 1,906 acres of Corps land, 1,519 acres have been surveyed as of FY 17, with 387 acres remaining.

TCPs/HPRCSTs: No inventory conducted.

2) EVALUATION

Archaeology/Historic Structures: In 2017, the Kootenai National Forest (KNF) selected 51 sites in the Middle Kootenai River Archaeological District (24LN1824) for evaluation and condition assessment monitoring. Of the 51 sites visited, KNF recommended that 33 are eligible to the NRHP; nine sites originally assessed as eligible still retain integrity, twelve sites are buried under sediment, five sites lack integrity and depth, one site was mitigated, four sites are individually eligible but non-contributing to the archaeological district, and two site numbers were combined into one site and will be evaluated in 2018.

TCPs/HPRCSTs: No evaluation conducted.

3) TREATMENT/MITIGATION

Site Monitoring: See monitoring above (Section 2, Evaluation).

Site Protection/Stabilization: In FY 17, approximately 1,350 linear feet of the Kootenai River bank was stabilized in order to prevent further erosion of the streambank protecting

the Blackwell Flats archaeological site (24LN1018). Archaeological site 24LN1018 was originally recorded by the Corps as part of the proposed but never completed Libby Additional Units Reregulation Dam (LAURD). In 2007, the site was determined eligible for the National Register of Historic Places under Criterion D as a contributing element to the Libby-Jennings Archaeological District. Construction for the stabilization project began in March of 2017, and was completed in July of 2017.

Public Education: N/A

Other Types of Treatment/Mitigation: N/A

4) CURATION (additions or changes in collections status)

Curation of artifacts recovered from sites at the Libby Project continued at the Salish-Kootenai College.

5) ISSUES

N/A

6) PHOTOS



Figure P-1. Site 24LN2302, view to the south.



Figure P-2. Blackwell Flats (24LN1018) bankline stabilization project, April 2017.

APPENDIX Q

PROJECT NAME & LOCATION:

Grand Coulee Dam/Lake Roosevelt, Grant, Lincoln, Okanogan, and Stevens Counties, WA

FY 17 ACCOMPLISHMENTS (completed and in progress):

1) INVENTORY

Archaeology/Historic Structures: Completion of the inventory of accessible acreage within the APE has remained a critical task at Lake Roosevelt for the past several years. Both the Spokane Tribe of Indians (STI) Preservation Program and Confederated Tribes of the Colville Reservation (CCT) History/Archaeology Program have contributed the bulk of the surveyed acres under contract to BPA and Reclamation during the past years. CCT History/Archaeology Program staff surveyed 3,500 acres of Mainstem APE, and STI Preservation Program added inventory of another 2,834 acres along the Spokane Arm APE. Lands surveyed included both on and off-reservation lands (federal and tribal jurisdiction only). This brings the total of surveyed APE acreage as of 2017 to 37,999 acres. The Lead Agencies estimate that survey of accessible acres (not submerged, not dangerously steep, and with obtainable access/permission) will be completed by the end of FY 2018. The survey of 6,334 acres during 2017 resulted in documentation of 66 new sites. The majority of new sites identified during the recent surveys are historic period artifacts and features although new precontact sites, artifacts, and features are still being identified in both the Spokane Arm and Mainstem of the APE.

The Lead Agencies are currently working on a survey planning document to help guide the completion of survey of accessible acreage of the APE and to set in motion a plan for maintenance and future actions. It is the intention of the Lead Agencies to keep inventory of the APE up-to-date and meeting modern standards. The draft plan is expected in early 2018, and should be available to help guide future work-planning efforts for both Lake Roosevelt Cooperating Groups.

TCPs/HPRCSTs: Both Tribal programs provide the Federal Agencies with TCP forms each year for the Mainstem and Spokane Arm of Lake Roosevelt. The forms and reports are best representative of the evaluation stage as there is no regular yearly inventory for new properties (see Section 2, Evaluation).

The STI Preservation Program began a project to document and evaluate Spokane Arm pictographs in 2017. Work included scaled drawings and capture of high resolution

digital images of the panels. During the process, severe cracking was noted at one panel indicating increased potential of irreversible damage. At the request of the STI, the Lead Agencies began a process to contract a conservator to conduct a condition assessment and recommend options for treatment of the panel. This assessment will take place in 2018.

2) EVALUATION

Archaeology/Historic Structures: The total number of sites for the Grand Coulee Project/Lake Roosevelt APE is now 1,041 documented archaeological and historical sites. Of these, 210 have been determined eligible for listing in the National Register of Historic Places (NRHP) by the Federal Agencies. Eight are not eligible, and as of 2017 there are 823 sites with eligibility that remains unevaluated. A number of Determinations of Eligibility (DOEs) for districts, as well as for single sites, are in process with both cooperating groups. The larger districts include the Whitestone and Lakes districts on the Mainstem and the Cayuse Mountain Archaeological District and West End TCP District on the Spokane Arm. These districts contain several dozens of sites, and once completed will constitute a large percentage of evaluations for Lake Roosevelt. The STI Preservation Program and CCT History/Archaeology Program also continue to work on producing single DOEs with a focus on sites that will likely need future data recovery or stabilization. Currently there are 25 individual site DOEs, three districts, and one Multiple Property Determination completed at Lake Roosevelt.

Part of the 2017 evaluation work at the Grand Coulee Project included archaeological testing at a Mainstem site. The site was re-visited during inventory efforts in 2016, and found to have an ancient component that had not been identified at the first recording. Testing by CCT History/Archaeology Program along with additional input from local geoarcheologists indicates that the site contains a number of Cascade-like bifaces present on deflated ancient terraces, and therefore likely dates to at least 8,000 years before present. Analysis is underway, and additional areas of the site have been identified for further testing.

The two Lake Roosevelt Cooperating Groups have agreed upon a draft final Historic Resources Management Plan (HPMP) for the Grand Coulee Project. The HPMP now needs to be accepted by the Lead Agency officials. Once accepted it can be enacted through a Project Specific Programmatic Agreement.

Reclamation continues the process to nominate Grand Coulee Dam for listing in the NRHP. The Reclamation historian at Grand Coulee Power Office has been tasked with producing a second draft of the nomination form, and is currently working on the text and consulting with WA DAHP regarding the district boundary and periods of significance of the dam. A final draft is anticipated in 2018.

TCPs/HPRCSITs: Both the CCT History/Archaeology Program and the STI Preservation Program provided the Lead Agencies with TCP survey and evaluation reports in 2017. The STI Preservation Program provided a report with cultural contexts, primary and secondary ethnographic research, new oral history interviews, examination of previous STI oral history transcripts, and TCP forms for five TCPs on the Spokane Arm. The CCT History/Archaeology Program continued their survey and evaluation process as well, providing the Lead Agencies with 10 TCP forms that document and evaluate the significance of single properties along the Mainstem.

3) TREATMENT/MITIGATION

Site Monitoring: Monitoring of burial sites and archaeological sites at Lake Roosevelt remains a priority for both Mainstem and Spokane Arm Cooperating Groups. Sites were revisited during specific monitoring events and during inventory work during 2017. In both cases the tribal programs updated site forms to include the current site conditions.

In 2017 the CCT History/Archaeology Program monitored site condition at four archaeological sites and 15 burial sites under contract to Reclamation and BPA. The number of monitored sites was reduced from previous years due to an emergency data recovery project conducted at one site that affected the time scheduled for normal monitoring activities. The CCT History/Archaeology Program also revisited 24 previously recorded sites during annual inventory work, and updated the forms for each of the sites. Physical changes resulting from erosion and other reservoir-related effects were noted at all of the sites revisited. Burial site inspections, conducted at 15 sites, identified actively eroding burials at two locations.

The STI Preservation Program conducted monitoring at 37 archaeological sites and 10 burial sites under contract to Reclamation and BPA. This monitoring of site conditions documented changes to 35 archaeological sites. No eroding burials were encountered during 2017 site inspections on the Spokane Arm. In addition to the monitoring, the STI Preservation Program also conducted a small testing project at one site that is scheduled to be stabilized in 2019 to determine if construction ground disturbance would impact intact materials.

Erosion and vandalism impacts continue to adversely affect Lake Roosevelt sites, and monitoring is currently the most effective way to track the changes/impacts on a yearly basis and to report suspicious activities to the land management agencies (Tribal or National Park Service). Monitoring also helps identify immediate needs for emergency data recovery before it is lost to reservoir erosion. The CCT History/Archaeology Program conducted one emergency recovery of an eroding archaeological feature on the Mainstem, and the STI Preservation Program conducted one recovery at a site with a single, rapidly eroding feature during 2017.

In addition to site monitoring, testing, and the emergency recovery, the STI Preservation Program also completed a test case study of the use of Historic Human Remains Detection (HHRD) dogs at Spokane Arm sites during 2017. The STI subcontracted with the Institute for Canine Forensics, and two dogs and handlers visited three burial sites with staff from STI and Reclamation. This endeavor appeared promising with dogs alerting on both recently removed (known) burials and also alerting to surrounding areas that are likely intact features. This method may be a very effective way to monitor site conditions at both known and suspected burial sites in the future.

Site Protection/Stabilization: Reclamation completed the construction of site protection at Eden Harbor during the spring of 2017. With construction monitoring assistance from the CCT History/Archeology Program, the Agencies funded the construction of approximately 250 feet of pavement, a curb, and a water diversion channel to protect an important rock art panel from ongoing erosion. Documented impacts to the panel have been those caused by vehicles throwing rocks and dirt from a gravel road above the panel and those due to water flowing down the steep ditch into the reservoir. The need for this project was first identified in 1979 and active Mainstem Cooperating Group discussions began in 2013. The Cooperating Group is excited to have this project completed and the panel protected from the noted effects.

Reclamation staff, with input from the Cooperating Groups, continue to plan for two large upcoming stabilization projects. The Cayuse Cove project on the Spokane Arm and the Marble Project on the Mainstem will be constructed over the next three to six years depending upon funding (see Section 5, Issues below). Cayuse Cove is currently 100% designed, and the permitting process including NEPA compliance is nearly complete. The project should go to Reclamation Contracting during the first quarter of 2018. The Marble Project is currently being designed to 60%, and Reclamation engineers are examining staging area and constructability issues with the project. The basic design has been agreed to by the cooperating agencies.

Public Education: Both tribal programs, under contract to Reclamation and BPA, presented on numerous topics at professional conferences and public events during 2017. The CCT History/Archaeology Program provided two presentations on FCRPS Lake Roosevelt Mainstem projects at the Northwestern Archaeology Conference (NWAC) in Spokane including a presentation on the Mainstem stabilization design collaboration process and another on the use of creative mitigation as an option to protect Tribal TCPs. Additionally, program staff participated in Indigenous People's Day presentations at local schools. The STI Preservation Program presented Spokane Arm information to a variety of public groups during the year including Maple Wood Gardens Retirement Home, Pasadena Christian Academy, Mary Walker High School, and Spokane Community College, as well as through a large display at the Spokane Interstate Fair. STI Preservation Program member Christopher M. Casserino published an article on research

partially funded by the Program involving analysis of cobble net weights on the Spokane Arm of Lake Roosevelt. This article was published in the *Journal of Northwest Anthropology* 51(2): 230-238.

Other Types of Treatment/Mitigation: Both the Spokane Arm and Mainstem Cooperating Groups continue to plan for and conduct creative treatments for reservoir operations and management effects. In 2017 the CCT History/Archaeology Program continued work on the Pia Mission Rehabilitation Project, renovating and preserving the cook shack near the church and cemetery. The STI Preservation Program continued progress toward the update of their game processing center as treatment for the loss of informational integrity at an ancient game processing center at Sand Creek along the Spokane Arm. These creative treatment projects are increasingly successful, and many more are being planned for upcoming years.

ARPA patrols remain an important component of site protection and treatment at Lake Roosevelt. Both tribes provided the Lead Agencies with ARPA patrol support during 2017 through a combined total of 88 person days of patrols. Six damage assessments (looting, driving in drawdown, etc.) were provided for the Spokane Arm. Another damage assessment operation is known (but not included in Annual Report tables) on the Spokane Arm, and is being handled under NPS management outside the FCRPS program. Most notably, CCT History/Archaeology Program staff conducting ARPA patrols and site condition monitoring activities during the 2017 spring drawdown were able to provide NPS Rangers with evidence that led to the apprehension of a suspected long-term looter in the Northport area of the Mainstem.

4) CURATION (additions or changes in collections status)

The only change in curation status from 2016 to 2017 was the addition of the field collections from testing, inventory, and monitoring projects at the Grand Coulee Project/Lake Roosevelt APE. The CCT History/Archaeology Program and the STI Preservation Program both added to the archaeological collections stored at each of their respective curation facilities during the year. Curation costs expended by the FCRPS remained stable as a result.

The CCT History/Archaeology Program also worked to improve the archival information and actively conserve two important collections of artifacts and documents already in their collections during 2017. The collections are the Collier, Hudson, and Ford collection (archaeological recoveries that occurred just prior to the inundation of the Columbia River by Lake Roosevelt and Grand Coulee Dam) and the Kettle Falls Collection (recovered during the late 1960s when Lake Roosevelt was drawn down to construct the Third Power Plant at Grand Coulee). The CCT History/Archaeology Program conducted work on these two collections to improve the digital resources for

each collection as well as conducting other archival updates and conservation work. The STI Preservation Program undertook a similar curatorial project to update the archival digital database for archaeological sites within the area of the Spokane Arm designated River District 10.

5) ISSUES

From the perspective of the Cooperating Groups there are three issues most detrimental to Program success. First is the ongoing erosion along Lake Roosevelt, especially during the spring drawdown. Increased spring and late winter moisture the past few years have resulted in several landslides and mass washout events both above and in the drawdown on both the Mainstem and Spokane Arm. This erosion directly affects sites when it actively erodes features and indirectly affects sites where landslides change stream flows or change recreational use. Second, unintentional recreational damage to archaeological sites and TCPs and the looting of sites are ongoing issues. Increased patrol presence to reduce these impacts is regularly requested by both the CCT and STI. Finally, stabilization of large sites impacted by reservoir operations often requires expenditure of a great portion of annual funding which impacts the Lead Agencies' ability to implement treatments at other sites. Treatments are being constrained by funding, scheduling of project constructions to drawdown events, and boat launch use restrictions imposed by NPS; all of which result in an inability to quickly stabilize sites. With a flat annual budget, the Agencies are trying to phase larger projects into multi-year constructions and still accommodate other ongoing program needs. Recently, with the inclusion of staging area restrictions imposed by NPS, the larger stabilizations are in jeopardy of becoming infeasible if additional funding in a single year is not made available to the agencies.

6) PHOTOS



Figure Q-1. Massive erosional cutting during 2017 spring drawdown at an archaeological site on the Lake Roosevelt Mainstem.



Figure Q-2. CCT History/Archaeology Program staff inspecting a site on the Mainstem of Lake Roosevelt during the 2017 spring drawdown.



Figure Q-3. CCT History/Archaeology Program staff check site conditions during the spring drawdown north of Kettle Falls.



Figure Q-4. CCT History/Archaeology Program staff perform site testing at an ancient site along Lake Roosevelt.



Figure Q-5. CCT History/Archaeology Program staff traverse the typical steep stair-stepped erosion lines along Lake Roosevelt Mainstem during the spring 2017 drawdown.



Figure Q-6. A Cascade-type biface blends with the pebbles and cobbles on the surface of an ancient site at Lake Roosevelt.



Figure Q-7. The final inspection at the completed Eden Harbor Pictograph stabilization.



Figure Q-8. Institute for Canine Forensics, STI Preservation Program, and Reclamation staff conduct Historic Human Remains Detection Dog analysis on a Spokane Arm site.



Figure Q-9. Side-notched point on the surface of a Spokane Arm site.



Figure Q-10. STI Preservation Program's large interactive display at the 2017 Spokane Interstate Fair.



Figure Q-11. STI Preservation Program staff assess whether a recent landslide event has caused damage to archaeological resources during 2017 monitoring efforts.



Figure Q-12. STI Preservation Program staff conducting drawdown investigations during spring of 2017.

APPENDIX R

PROJECT NAME & LOCATION:

Hungry Horse Dam and Reservoir, Flathead County, MT

FY 17 ACCOMPLISHMENTS (completed and in progress):

1) INVENTORY

Archaeology/Historic Structures: Fiscal year 2017 was the final year of a four year inventory effort at Hungry Horse Reservoir. Six priority areas (Areas 1-6), as defined by the Hungry Horse Cooperating Group, were completed in 2014 and 2015; and efforts in 2016 and 2017 completed the remaining accessible acreage that was not included in the original priority areas (Areas A-H). With the completion of 3,248 acres of inventory in 2017, the current total acreage surveyed at the Hungry Horse Project is now at 25,672 of 36,582 total accessible acres. The remaining 11,225 acres within the APE have been reviewed in the field, and found to be too steep or otherwise dangerous to survey. The total number of sites now included in the APE at the Hungry Horse project stands at 31, with the addition of two new sites from the 2017 fieldwork. Ethnotech LLC, under contract to BPA and Reclamation, conducted all survey with the exception of the 2014 contract work.

TCPs/HPRCs/ITs: A Multiple Property Determination (MPD) document covering the indigenous trail network around the Hungry Horse Project remains in process. The draft MPD is presently circulating through the Confederated Salish and Kootenai Tribes' two culture committees for additional comments. Completion of the document remains a priority as it will document a wide range of important TCPs surrounding and crossing the Hungry Horse Project.

2) EVALUATION

Archaeology/Historic Structures: Evaluation of TCPs and archaeological sites at the Hungry Horse project is contingent upon completion of the Indigenous Trails MPD. Without that document the contextual evidence to support site eligibility is scant. The Hungry Horse Cooperating Group (HHCg) recently discussed moving forward with individual archaeological site Determinations of Eligibility (DOEs). It is very likely, however, that the precontact archaeological sites (most of which lack depositional integrity) would not meet eligibility requirements without the cultural and geographic contexts that will be provided in the Indigenous Trails MPD. The majority of historic

sites recently identified at Hungry Horse include a variety of features and artifacts associated with the logging effort conducted just prior to dam construction. Historical Research Associates was contracted to produce a logging history of the Hungry Horse Project to generate a context to evaluate historic sites for the National Register. The logging study is scheduled to be completed in FY 18.

A National Register of Historic Places nomination for Hungry Horse Dam is planned, but staff time at Reclamation has been focused on a major modernization project scheduled to begin in 2018.

TCPs/HPRCSTs: Please refer to the above discussion of the Indigenous Trails MPD.

3) TREATMENT/MITIGATION

Site Monitoring: Ethnotech worked with the USFS Flathead National Forest Heritage Program Manager to conduct site monitoring at 12 sites during 2017. Physical changes were noted at one of the sites during spring and fall monitoring visits. Generally, physical changes in sites do not occur from season to season or year to year at Hungry Horse Reservoir. In fact, the same projectile points and other easily identifiable artifacts are often observed with each respective site visit. Ethnotech noted only one site with changes due to reservoir related effects during the 2017 fieldwork.

Site Protection/Stabilization: No site protections or stabilizations have been undertaken at the Hungry Horse Project.

Public Education: Public Education efforts for the Hungry Horse Project were not scheduled for 2017. The Hungry Horse Cooperating Group has been working with the Montana Preservation Institute to plan a summer 2018 Preservation Roadshow fieldtrip around the Hungry Horse Project. The fieldtrip will highlight the history of the indigenous people, the USFS, and Hungry Horse Dam.

Other Types of Treatment/Mitigation: No other types of treatment or mitigation projects are currently planned; however, the Historic Properties Management Plan for Hungry Horse Project has been updated. Once the Lead Agency officials accept the final draft, the HPMP will be final and can be officially enacted through a Project Specific Programmatic Agreement.

Reports of ARPA violations do not occur with frequency at Hungry Horse. There were no reports of site vandalism or other disturbance to Hungry Horse Project sites in 2017.

4) CURATION (additions or changes in collections status)

There were no changes to the curation status of items from the Hungry Horse Project in 2017. A box of misplaced field notes critical to the understanding of 1990's archaeological work was recently uncovered in storage at the CSKT offices. The field note books are currently being reviewed and archived by the CSKT THPO staff.

5) ISSUES

As stated above, the Lead Agencies are eager to finalize the Indigenous Trails MPD and the Hungry Horse Project Logging History. Once these documents are complete, the task of determining the eligibility of the 31 sites identified/revisited during the recent inventory work can be completed. This will initiate the process to treat and mitigate any adverse effects to National Register eligible cultural resources at Hungry Horse Reservoir.

6) PHOTOS



Figure R-1. A stemmed point specimen that is observed regularly at a Hungry Horse Project site



Figure R-2. Crew from Ethnotech working on the 2017 inventory of the Hungry Horse APE.



Figure R-3. GPS data collection by an Ethnotech employee at a Hungry Horse Project site.



Figure R-4. Ethnotech employees collecting site monitoring data during 2017 fieldwork session.



Figure R-5. A gorgeous spring day of inventory along Hungry Horse Reservoir featuring Ethnotech hard at work.

APPENDIX S

Newly Recorded Cultural Resources Identified, Evaluated, or Listed on the National Register by State in FY 2017

Table S- 1. Newly Recorded Archaeological Sites and Historic Structures by State⁸

Reference Number	Project	State
45LI00884	Grand Coulee	WA
45LI00885	Grand Coulee	WA
45LI00886	Grand Coulee	WA
45LI00887	Grand Coulee	WA
45LI00888	Grand Coulee	WA
45LI00889	Grand Coulee	WA
45LI00890	Grand Coulee	WA
45ST01205	Grand Coulee	WA
45ST01206	Grand Coulee	WA
45ST01207	Grand Coulee	WA
45ST01208	Grand Coulee	WA
45ST01209	Grand Coulee	WA
45ST01210	Grand Coulee	WA
45ST01211	Grand Coulee	WA
GC-LR-2017-01	Grand Coulee	WA
WW-LR-2017-01	Grand Coulee	WA
WW-LR-2017-02	Grand Coulee	WA

⁸ Newly recorded sites at Bonneville, The Dalles, and John Day are in draft format, and site numbers will be included in the FY 18 report.

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Reference Number	Project	State
WW-LR-2017-03	Grand Coulee	WA
WW-LR-2017-04	Grand Coulee	WA
WW-LR-2017-05	Grand Coulee	WA
WW-LR-2017-06	Grand Coulee	WA
WW-LR-2017-07	Grand Coulee	WA
WW-LR-2017-08	Grand Coulee	WA
WW-LR-2017-09	Grand Coulee	WA
WW-LR-2017-10	Grand Coulee	WA
WW-LR-2017-11	Grand Coulee	WA
WW-LR-2017-12	Grand Coulee	WA
WW-LR-2017-13	Grand Coulee	WA
WW-LR-2017-14	Grand Coulee	WA
WW-LR-2017-15	Grand Coulee	WA
WW-LR-2017-16	Grand Coulee	WA
WW-LR-2017-18	Grand Coulee	WA
WW-LR-2017-19	Grand Coulee	WA
WW-LR-2017-20	Grand Coulee	WA
WW-LR-2017-21	Grand Coulee	WA
WW-LR-2017-22	Grand Coulee	WA
WW-LR-2017-23	Grand Coulee	WA
WW-LR-2017-24	Grand Coulee	WA
WW-LR-2017-25	Grand Coulee	WA
WW-LR-2017-26	Grand Coulee	WA

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Reference Number	Project	State
WW-LR-2017-27	Grand Coulee	WA
XF-LR-2017-01	Grand Coulee	WA
XF-LR-2017-02	Grand Coulee	WA
XF-LR-2017-04	Grand Coulee	WA
XF-LR-2017-05	Grand Coulee	WA
XF-LR-2017-06	Grand Coulee	WA
XF-LR-2017-07	Grand Coulee	WA
XF-LR-2017-08	Grand Coulee	WA
XF-LR-2017-09	Grand Coulee	WA
XF-LR-2017-13	Grand Coulee	WA
XF-LR-2017-14	Grand Coulee	WA
XF-LR-2017-15	Grand Coulee	WA
XF-LR-2017-16	Grand Coulee	WA
XF-LR-2017-17	Grand Coulee	WA
XF-LR-2017-18	Grand Coulee	WA
XF-LR-2017-19	Grand Coulee	WA
XF-LR-2017-20	Grand Coulee	WA
XF-LR-2017-21	Grand Coulee	WA
XF-LR-2017-22	Grand Coulee	WA
XF-LR-2017-23	Grand Coulee	WA
XF-LR-2017-24	Grand Coulee	WA
XF-LR-2017-25	Grand Coulee	WA
XF-LR-2017-26	Grand Coulee	WA

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Reference Number	Project	State
XF-LR-2017-27	Grand Coulee	WA
XF-LR-2017-28	Grand Coulee	WA
XF-LR-2017-30	Grand Coulee	WA
45GA562	Little Goose	WA
45GA563	Little Goose	WA
45GA564	Little Goose	WA
45GA470	Lower Granite	WA
45DO1226	Chief Joseph ⁹	WA
45DO1227	Chief Joseph	WA
45DO1228	Chief Joseph	WA
45DO1229	Chief Joseph	WA
45DO1230	Chief Joseph	WA
45DO1231	Chief Joseph	WA
24FH1357	Hungry Horse	MT
24FH1358	Hungry Horse	MT
24LN2302	Libby	MT

⁹ Newly recorded sites within the Chief Joseph APE were recorded with non-FCRPS funds.

FY 2017 Annual Report Under the FCRPS Systemwide Programmatic Agreement for the Management of Historic Properties – March 31, 2018

Table S-2. Properties Determined Eligible by State

Reference Number	Project	State
45FR487	Lower Monumental	WA
45FR493	Lower Monumental	WA
45FR495	Lower Monumental	WA
45GA026	Little Goose	WA
10NP109	Lower Granite	ID
10NP110	Lower Granite	ID
10NP131	Lower Granite	ID
45BR575	Albeni Falls	ID
35UM493	McNary	OR

Table S-3. Properties Determined Not Eligible by State

Reference Number	Project	State
45FR468	Ice Harbor	WA
45FR470	Ice Harbor	WA
45GA562	Little Goose	WA
45GA563	Little Goose	WA
45GA564	Little Goose	WA
45WW117	Ice Harbor	WA
45AS470	Lower Granite	WA
35UM492	McNary	OR
35UM494	McNary	OR
10NP147 (historic component only)	Lower Granite	ID
15nww08-01 (Tammany Outbuilding)	Lower Granite	ID

Table S-4. Properties Newly Listed on the National Register of Historic Places

Property Name	Reference Number	Project	State
NONE			