



**Bonneville Power Administration  
Bureau of Reclamation  
U.S. Army Corps of Engineers**



## **FISCAL YEAR 2012 ANNUAL REPORT**

**Under the Systemwide Programmatic Agreement for Management of  
Historic Properties Affected by Multipurpose Operations of Fourteen  
Projects of the Federal Columbia River Power System for Compliance  
with Section 106 of the National Historic Preservation Act**

**March 31, 2013**





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## **ABBREVIATIONS**

**ACHP** – Advisory Council on Historic Preservation  
**AFD** – Albeni Falls Dam  
**APE** – Area of Potential Effects  
**ARPA** – Archaeological Resources Protection Act  
**ARRA** – American Recovery and Reinvestment Act  
**BPA** – Bonneville Power Administration  
**CCT** – Colville Confederated Tribes (colloquial name for the Confederated Tribes of the Colville Reservation)  
**CCT – HAD** – Colville Confederated Tribes History/Archeology Department  
**CJD** – Chief Joseph Dam  
**Corps** – U.S. Army Corps of Engineers  
**CRSC** - Cultural Resource Subcommittee of the Joint Operating Committee (representatives from BPA, Corps, and Reclamation)  
**CSKT** – Confederated Salish and Kootenai Tribes of the Flathead Reservation  
**CTUIR** – Confederated Tribes of the Umatilla Reservation  
**CTWSRO** – Confederated Tribes of the Warm Springs Reservation of Oregon  
**FCRPS** – Federal Columbia River Power System  
**FEIS** – Final Environmental Impact Statement  
**FNF** – Flathead National Forest  
**FY** – Fiscal Year  
**GIS** – Geographic Information Systems  
**HPMP** - Historic Property Management Plan  
**HPRCSIT** – Historic Property of Religious and Cultural Significance to Indian Tribes  
**ID** – Idaho  
**IDIQ** – Indefinite Delivery Indefinite Quantity contract  
**IDU PA** – Intertie Development and Use Programmatic Agreement  
**ISU** – Idaho State University  
**KNF** – Kootenai National Forest  
**LiDAR** – Light Detection and Ranging  
**LJAD** - Libby-Jennings Archeological District  
**LR** – Lake Roosevelt  
**MKRAD** - Middle Kootenai River Archeological District  
**msl** – mean sea level  
**MT** – Montana

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- NAGPRA** – Native American Graves Protection and Repatriation Act (in this document, referring to Section 3 of this act)
- Nez Perce** – Nez Perce Tribe
- NHPA** – National Historic Preservation Act (in this document, referring to Section 106 of this act)
- NPS** – National Park Service
- OMBIL** – Operations and Maintenance Business Link (Corps of Engineers)
- OR** – Oregon
- PA** – Programmatic Agreement
- Program** – FCRPS Cultural Resource Program
- Project** – FCRPS project, including the dam and associated reservoir
- PSPA** – Project-Specific Programmatic Agreement
- Reclamation** – Bureau of Reclamation
- SHPO** – State Historic Preservation Officer
- REMIS** – Real Estate Management Information System (Corps of Engineers)
- RM** – River Mile
- SOR** – System Operations Review
- STI** – Spokane Tribe of Indians
- Systemwide PA** – FCRPS Cultural Resource Program Systemwide Programmatic Agreement for the management of historic properties
- TCP** – Traditional Cultural Property
- THPO** – Tribal Historic Preservation Officer
- UI** – University of Idaho
- USFS** – U.S. Forest Service
- WA** – Washington
- Yakama Nation** – Confederated Tribes and Bands of the Yakama Nation

## EXECUTIVE SUMMARY

This Fiscal Year 2012 (FY2012) Annual Report for the Federal Columbia River Power System (FCRPS) Cultural Resource Program summarizes actions by the Bonneville Power Administration (BPA), the Bureau of Reclamation (Reclamation), and the U.S. Army Corps of Engineers (Corps) to comply with the National Historic Preservation Act, other pertinent cultural resource management laws, and to meet the terms of 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* (Systemwide PA). The reporting period begins October 1, 2011, and ends September 30, 2012, for most accomplishments.

The jointly funded program expended \$5,294,888 in FY2012. This figure includes Corps expenditures totaling \$3,261,000, Reclamation expenditures of \$1,913,748 and systemwide expenses of \$120,140. Additionally, BPA expended \$573,392 of non-joint funds for staff salaries, travel, supplies, and training.

In FY2012, BPA and Reclamation coordinated with Cooperating Groups to define the Area of Potential Effect (APE) for the Hungry Horse Project. Discussions continued regarding definition of the APE for the Mainstem of the Grand Coulee Project. The APEs for the 12 Corps Projects were defined in previous years. Some of these APEs may be revisited in the future as real estate data are refined and the indirect effects of project operations are better understood. An additional 7,312 acres were newly surveyed systemwide during FY2012, bringing the total inventory of accessible lands at the 14 FCRPS Projects to 107,021 acres, or 53 percent of accessible APE acres. Inventory plans and schedules were developed for all 12 Corps Projects to address data gaps within the APE. In FY2012, 14 new sites were documented, bringing the total number of recorded sites to 3,714 sites across the system. Of these sites, 12 were identified through FCRPS-funded work (6 at Grand Coulee and 6 at Little Goose Projects), and 2 (at Lower Granite Project) were located with non-FCRPS funds.

The consultation process for National Register eligibility determinations has been completed for 890 (24 percent) sites across the system. Eligibility determinations were completed for 72 sites in FY2012, all but 2 using joint funds. Site monitoring to assess condition and aid compliance with the Archaeological Resources Protection Act (ARPA) and the Native American Graves Protection and Repatriation Act (NAGPRA) was performed at 360 sites in FY2012, using FCRPS funds. Resolution of adverse effects in FY2012 included distribution of educational materials such as brochures, posters, and DVDs; public presentations for cultural resources awareness; implementation of several shoreline stabilization and erosion control projects; planning for future mitigation and treatment projects; installation of cultural resource protection signs; and continuation of monitoring patrols. Curation of collections recovered from all 14 FCRPS Projects also continued in FY2012.

Many management activities conducted in FY2012 were performed to fulfill commitments and requirements in the Systemwide PA. Two subcommittees composed of Agency representatives, state, and tribal staffs continued discussions on a draft a Systemwide Research Design and met to develop processes and standards for identifying, documenting, and evaluating Historic Properties of Religious and Cultural Significance to Indian Tribes (HPRCSITs) and Traditional Cultural Properties (TCPs). Three Historic Property Management Plans were updated, and work continued on the development of one Project-specific Programmatic Agreement. In FY2012, 39 final reports were completed documenting inventory, evaluation, and resolution of

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adverse effects. Routine activities listed in Attachment 6 of the Systemwide PA that do not require Section 106 consultation were used 46 times at 8 Projects in FY2012.



## **1.0 PURPOSE AND INTRODUCTION**

This is the Fiscal Year 2012 (FY2012) Annual Report as directed by 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* (Systemwide PA) (BPA, Reclamation, Corps 2009). This report summarizes actions by the Bonneville Power Administration (BPA), the Bureau of Reclamation (Reclamation), and the U.S. Army Corps of Engineers (Corps), hereafter collectively referred to as the “Agencies,” to comply with the National Historic Preservation Act (NHPA), other pertinent cultural resource management laws, and to meet the terms of the Systemwide PA at the 14 Federal Columbia River Power System (FCRPS) dams and reservoirs (Projects). The reporting period begins October 1, 2011, and ends September 30, 2012, for most accomplishments.

Information about the history of the FCRPS Cultural Resource Program (Program) and previous compliance accomplishments is summarized in FY2009, FY2010, and FY2011 Annual Reports ([http://efw.bpa.gov/FCRPS\\_Cultural\\_Resources/ProgramDocuments.aspx](http://efw.bpa.gov/FCRPS_Cultural_Resources/ProgramDocuments.aspx)) (BPA, Reclamation, Corps 2010, 2011, 2012) and will not be repeated here. Corrections to information presented in previous Annual Reports are described in this report, where appropriate.

Appendixes A – S of this report contain supplemental information used to prepare this report. Appendix B lists terms commonly used in the FCRPS Cultural Resource Program and their accompanying definitions. Appendixes F - S describe the status of compliance work at individual Projects, provide explanations for how data was compiled for this report, and include descriptions of ongoing activities that will be completed in future fiscal years.

## **2.0 FCRPS CULTURAL RESOURCE PROGRAM COMPLIANCE WITH SECTION 106 NATIONAL HISTORIC PRESERVATION ACT**

(October 1, 2011, through September 30, 2012)

The following section summarizes Program accomplishments for compliance with NHPA in FY2012. Program accomplishments are organized by the procedural step in the NHPA Section 106 process that they fulfill. Reporting categories correspond to those described in the NHPA implementing regulations at 36 Code of Federal Regulations (CFR) Part 800.

Only work *completed* in FY2012 and/or final deliverables *received* in FY2012 for work conducted in prior years is summarized in the body and tables of this report. More detailed information about Program accomplishments at each Project, including work in progress, draft documents, and contract deliverables, is provided in appendixes F - S.

## **2.1 Section 106 NHPA Compliance – Archeological and Historic Sites, and Standing Historic Structures**

This part of the FY2012 Annual Report summarizes compliance work conducted under Section 106 of the NHPA that addresses prehistoric and historic archeological and standing historic structures.

## **2.2 Determination of the Project-Specific Portion of the Area of Potential Effects**

Prior to the beginning of FY2012, the Project-Specific portion of the Area of Potential Effects (APE) had been determined at 12 FCRPS Projects. Some of these Project APE descriptions pertain to direct effects only to historic properties and specifically indicate that indirect and cumulative effects may need to be addressed later as more information is available. APEs for Hungry Horse and the Mainstem portion of the Grand Coulee Projects were planned for finalization in FY2012. Completed APEs have been mapped and are described in Historic Properties Management Plans (HPMP) listed in appendix D for many of the projects. The criteria defining each Project-Specific portion of the APE are discussed in the appropriate Project appendix of this report and/or Project HPMP and will be updated during scheduled HPMP revisions as needed.

In FY2012, Reclamation and BPA staffs worked with the Hungry Horse Cooperating Group and finalized the APE for this Reclamation-administered Project. Discussions regarding the APE for the Mainstem portion of the Grand Coulee Project continued in FY2012, but the APE was not finalized by the end of the fiscal year as planned. Reclamation and BPA staffs will continue discussions on this APE during FY2013. Table 1, *Total Project and Area of Potential Effect Acres in FY2012*, shows updated Project and APE acreage figures for each FCRPS Project. Many acreage figures differ from those reported in the FY2011 Annual Report because more accurate and reliable Geographic Information System (GIS), LiDAR, and Agency real estate records were available. Acreage figures may also vary from year to year due to excession, transfer, and/or purchase of Federal property.

For Projects administered by the Corps, *Total Project Acres* reported in FY2012 are derived from Operations and Maintenance Business Information Link (OMBIL) reports and Real Estate Management Information System (REMIS) records. Reclamation figures are calculated with GIS data from the Grand Coulee Power Office. The Corps administers 411,282 acres (including lands held in fee and easements) at 12 FCRPS Projects. Reclamation administers 147,928 acres at two FCRPS Projects, for a combined total of 559,210 acres that are administered by the Federal Government as part of the FCRPS. This is 20,414 acres more Project acres than was reported in FY2011. This number changed in FY2012 because the APE for the Hungry Horse Project was redefined, and the acreage increased by 20,414 acres. Corps, Seattle District, calculation is derived from updated GIS and real estate data for Albeni Falls, Chief Joseph, and Libby Projects.

The *Total APE Acres* in FY2012 are 578,864 with some areas still being determined. The basis for APE acreage calculations differs for each Project and is explained in Project appendixes F - S. Changes in APE acreages between FY2011 and FY2012 result from completion of the APE definition process at the Hungry Horse Project and corrected real estate data for Chief Joseph, Albeni Falls, and Libby Corps-administered Projects. APE figures for the Grand Coulee Project will be updated in FY2013 as the APE for this Project is revised. The APE for Hungry Horse Project was redefined in FY2012, increasing the APE area to 42,675 acres.

**TABLE 1. Total Project and Area of Potential Effect Acres in FY2012**

<b>Project</b>	<b>Total Project Acres<sup>1</sup></b>	<b>APE Acres</b>	<b>APE Acres Ordinarily Accessible for Survey</b>	<b>APE Mapped</b>
Bonneville	20,429	43,877	19,361	Yes
The Dalles	15,479	27,075	16,414	Yes
John Day	85,256	125,099	64,156	Yes
<b>District Total</b>	<b>121,164</b>	<b>196,051</b>	<b>99,931</b>	
McNary	28,328	68,755	13,409	Yes
Ice Harbor	7,919	20,846	6,463	Yes
Lower Monumental	12,317	27,219	10,413	Yes
Little Goose	11,600	27,191	6,018	Yes
Lower Granite	12,960	32,575	9,183	Yes
Dworshak	46,040	78,470	29,300	Yes
<b>District Total</b>	<b>119,164</b>	<b>255,056</b>	<b>74,786</b>	
Chief Joseph	17,648	16,008 <sup>2</sup>	11,554	Yes
Albeni Falls	99,439	16,489	16,489	Yes - 2051' Contour to outer boundary of Real Estate take
Libby	53,867	52,585 <sup>2</sup>	NA	Yes
<b>District Total</b>	<b>170,954</b>	<b>85,082</b>	<b>28,043</b>	
<b>Corps Totals</b>	<b>411,282</b>	<b>536,189</b>	<b>202,760</b>	
Grand Coulee	105,253	In Progress	In Progress	Partial - Spokane Arm Complete
Hungry Horse	42,675 <sup>3</sup>	42,675	In Progress	Yes
<b>Reclamation Totals</b>	<b>147,928</b>	<b>42,675</b>	<b>0</b>	
<b>SYSTEM TOTALS</b>	<b>559,210</b>	<b>578,864</b>	<b>202,760</b>	

*APE Acres Ordinarily Accessible for Survey* represents the approximate area that can be accessed for inventory purposes. Factors defining this area differ for each Project (see appropriate Project appendix for details and appendix B for a definition of this reporting category). In FY2011, this figure totaled 156,362. In FY2012, the total increased by 46,398 acres to 202,760. This increase results from completion of work at Bonneville, The Dalles, and John Day, as well as additional map analysis and refinement of GIS data at all Corps-administered Projects.

<sup>1</sup> Total project acres include all fee lands, easements and water surfaces. For Corps Projects, Seattle District and Portland District, quantity is derived from OMBIL reports. For Walla Walla District, acreage is derived from REMIS. For Reclamation Projects, quantity is derived from GIS data at the Grand Coulee Power Office.

<sup>2</sup> APE acreage is extracted from real estate maps and excludes pre-dam original water surface area. It is calculated in GIS. When conservation pool polygons become available, the APE acreage will be recalculated to exclude that area.

<sup>3</sup> APE was redefined in FY2012. The amount of Accessible Survey Acreage will be determined at a later date. For Hungry Horse, APE acreage equals Project acreage.

### **2.3 Identification of Historic Properties (Inventory)**

The identification of Historic Properties is reported as *Acres Inventoried for Archeological Sites and Standing Historic Structures as of FY2012* (Table 2), and as *Archeological Sites and Historic Structures Documented in FY2012* (Table 3).

Table 2, *Acres Inventoried for Archeological Sites and Historic Structures as of FY2012*, shows that 7,312 acres were newly surveyed (see total under *Acres Surveyed with FCRPS Program Funds in FY2012 (new survey)* in FY2012, bringing the total Project acres surveyed to 107,021 for the system. All new survey occurred at the McNary, Little Goose, Libby, and Grand Coulee Projects. A total of 100 acres were resurveyed at the Hungry Horse Project in FY2012 (see *Acres Resurveyed with FCRPS Program Funds in FY2012*).

As of the end of FY2012, an estimated 19 percent (107,021 acres) of FCRPS total Project lands have been inventoried for archeological sites and historic structures, a decrease from 115,162 acres in FY2011. The Chief Joseph and Albeni Falls cumulative surveyed area has been changed to reflect betterment of GIS data for both the APE definition and areas within the APE actually surveyed. Previous figures were based on incomplete or provisional data and the totals can be expected to change as GIS data are refined. Project acreage at Hungry Horse increased due to development of the APE in FY2012. The number of *APE Acres Ordinarily Accessible for Survey* differs from the *Total APE Acres* in that it accounts for areas continuously inundated, or not accessible because of slope or other factors. *APE Acres Ordinarily Accessible for Survey* has been calculated for 11 Projects (see Table 1), and acreage is expected to vary from year to year as more data regarding field conditions and accessibility is acquired. Currently, 53 percent of APE acres ordinarily accessible for survey have been surveyed.

Table 3 shows the number of archeological and historic sites and standing historic structures documented in FY2012. Fourteen new sites were documented in FY2012, bringing the total number of known archeological and historic sites across the system to 3,714. Twelve new sites were documented with FCRPS Cultural Resource Program funds, and two were documented with other funding sources.

**TABLE 2. Acres Inventoried for Archeological Sites and Standing Historic Structures as of FY2012**

Project	Total Project Acres <sup>4</sup>	APE Acres Ordinarily Accessible for Survey	Cumulative Total APE Acres Surveyed for Archeological Sites & Standing Historic Structures as of FY2011 <sup>5</sup>	Acres Surveyed with FCRPS Program Funds in FY2012 (new survey)	Acres Resurveyed with FCRPS Program Funds in FY2012	Total Project Acres Surveyed as of FY2012 (cumulative)
Bonneville	20,429	19,361	2,885	0	0	2,885
The Dalles	15,479	16,414	6,775	0	0	6,775
John Day	85,256	64,156	22,030	0	0	22,030
<b>District Total</b>	<b>121,164</b>	<b>99,931</b>	<b>31,690</b>	<b>0</b>	<b>0</b>	<b>31,690</b>
McNary	28,328	13,409	5,362	3,000	0	8,362
Ice Harbor	7,919	6,463	6,974	0	0	6,974
Lower Monumental	12,317	10,413	8,828	0	0	8,828
Little Goose	11,600	6,018	1,962	1,176	0	3,138
Lower Granite	12,960	9,183	2,805	0	0	2,805
Dworshak	46,040	29,300	4,508	In Progress	0	4,508
<b>District Total</b>	<b>119,164</b>	<b>74,786</b>	<b>30,439</b>	<b>4,176</b>	<b>0</b>	<b>34,615</b>
Chief Joseph	17,648	11,554	11,070	0	0	7,575 <sup>6</sup>
Albeni Falls	99,439	16,489	17,723	0	0	5,565 <sup>6</sup>
Libby	53,867	In Progress	9,766	736	0	10,502
<b>District Total</b>	<b>170,954</b>	<b>28,043</b>	<b>38,559</b>	<b>736</b>	<b>0</b>	<b>23,642</b>
<b>Corps Totals</b>	<b>411,282</b>	<b>202,760</b>	<b>100,688</b>	<b>4,912</b>	<b>0</b>	<b>89,947</b>
Grand Coulee	105,253	In Progress	8,051	2,400 <sup>7</sup>	0	10,451
Hungry Horse	42,675	In Progress	6,523	0	100	6,623
<b>Reclamation Totals</b>	<b>147,928</b>	<b>In Progress</b>	<b>14,574</b>	<b>2,400</b>	<b>100</b>	<b>17,074</b>
<b>SYSTEM TOTALS</b>	<b>559,210</b>	<b>202,760</b>	<b>115,262</b>	<b>7,312</b>	<b>100</b>	<b>107,021</b>

<sup>4</sup> Total Project Acres includes all fee lands, easements, and water surfaces. For Corps Projects, quantity is derived from OMBIL reports. For Reclamation Projects, quantity is derived from GIS data at the Grand Coulee Power Office.

<sup>5</sup> Number is cumulative and includes FCRPS-funded work and work performed with other funding sources.

<sup>6</sup> The Chief Joseph and Albeni Falls cumulative surveyed area has been changed to reflect betterment of GIS data for both the APE definition and areas within the APE actually surveyed. Previous figures were based on incomplete or provisional data. Totals can be expected to change as GIS data are refined.

<sup>7</sup> Spokane Tribe surveyed 2,000 acres, NPS surveyed 400 acres.

**TABLE 3. Archeological Sites and Historic Structures Documented in FY2012**

<b>Project</b>	<b>Total Number of Sites Documented as of FY2011 (cumulative)</b>	<b>Number of New Sites Documented with FCRPS Program Funds in FY2012</b>	<b>Number of New Sites Documented with non-FCRPS Program Funds in FY2012</b>	<b>Total Number of Sites at Project as of FY2012 (cumulative)</b>
Bonneville	44	0	0	44
The Dalles	90	0	0	90
John Day	275	0	0	275
<b>District Total</b>	<b>409</b>	<b>0</b>	<b>0</b>	<b>409</b>
McNary	306	0	0	306
Ice Harbor	69	0	0	69
Lower Monumental	207	0	0	207
Little Goose	93	6	0	99
Lower Granite	159	0	2	161
Dworshak	523	0	0	523
<b>District Total</b>	<b>1,357</b>	<b>6</b>	<b>2</b>	<b>1,365</b>
Chief Joseph	392	0	0	392
Albeni Falls	419	0	0	419
Libby	489	0	0	489
<b>District Total</b>	<b>1,300</b>	<b>0</b>	<b>0</b>	<b>1,300</b>
<b>Corps Totals</b>	<b>3,066</b>	<b>6</b>	<b>2</b>	<b>3,074</b>
Grand Coulee	613	6	0	619
Hungry Horse	21	0	0	21
<b>Reclamation Totals</b>	<b>634</b>	<b>6</b>	<b>0</b>	<b>640</b>
<b>SYSTEM TOTALS</b>	<b>3,700</b>	<b>12</b>	<b>2</b>	<b>3,714</b>

## 2.4 Evaluation of Historic Significance

Tables 4 and 5 show the status of evaluation of properties for National Register significance as of the end of FY2012. Table 6 is a summary of work completed in FY2012 to support National Register eligibility determinations.

Table 4, *Determinations of Eligibility Completed for Individual Sites in FY2012*, presents the status of individual National Register determinations as of the end of FY2012. National Register eligibility determinations have been completed for 890 documented sites, which is 24 percent of the recorded sites across the system. In FY2012, consensus determinations for National Register eligibility were completed for 72 sites. Of these sites, 53 were evaluated as eligible and 19 as not eligible for the National Register. All determinations but two were made with FCRPS Cultural Resource Program funds.<sup>8</sup> Systemwide, the total number of eligible sites at the end of FY2012 was 637, which is an increase of 53 sites from FY2011. Systemwide, the total number of sites evaluated as not eligible or non-contributing in FY2012 is 253. In FY2012, 18 sites were evaluated as not eligible or non-contributing using FCRPS funds. One site was evaluated as not eligible or non-contributing using non-FCRPS funds.

No new individual properties, Districts, or Multiple Properties that occur on Project lands were added to the National Register of Historic Places in FY2012, nor were there any new National Historic Landmark designations. Table 5, *Individual, District, and Multiple Property Listings in FY2012*, shows the status of National Register and National Historic Landmark listings across the FCRPS as of the end of FY2012. To date, 41 individual historic properties and 12 Districts are listed on the National Register. No Multiple Property listings occur within the system.

Bonneville Dam, administered by the Corps, Portland District, and Marmes Rockshelter at the Corps, Walla Walla District, Lower Monumental Project are the only National Historic Landmarks in the FCRPS.

*FY2012 FCRPS Funded Work Supporting Determinations of Eligibility* is summarized in Table 6. This table shows that test excavations to support National Register eligibility determinations under criterion “d” (information potential – see 36 CFR Part 60.4) have been conducted at 505 sites as of the end of FY2012. Site testing was performed on 11 sites in FY2012, with FCRPS funding used for 6 sites and non-FCRPS funding for 5 sites. FCRPS funding supported background research for determinations of eligibility at 67 sites, and 82 ethnographic studies were performed with FCRPS funds in FY2012.

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<sup>8</sup> *FCRPS Program Funds* refers to “joint funds”, or the combined rate payer funds generated by BPA and matching congressionally appropriated funds from the Corps and Reclamation that are dedicated to the FCRPS Cultural Resource Program. Some work conducted with *Non-FCRPS funding sources* (work performed with only congressionally appropriated funds) is reported either because it supports NHPA Section 106 compliance for an authorized Project purpose that is not addressed by the FCRPS Cultural Resource Program, or because it can aid in demonstrating FCRPS Cultural Resource Program compliance with Section 106 of NHPA.

**TABLE 4. Determinations of Eligibility Completed for Individual Sites in FY2012**

Project	Determinations for: Sites Eligible (individually, or contributing to a District or Multiple Property Listing) <sup>9</sup>				Determinations for: Sites Not Eligible (individually, or those w/in a District/Multiple Property Listing that are non-contributing)				Total No. of Sites for which Determination of Eligibility Needs to be Completed		Total Number of Sites at Project as of FY2012 (cumulative)
	FCRPS Funded FY2012	Non-FCRPS Funded FY2012	Total No. (Cumulative) <sup>10</sup>		FCRPS Funded FY2012	Non-FCRPS Funded FY2012	Total No. (Cumulative) <sup>10</sup>		FY2011	FY2012	FY2012
			FY2011	FY2012			FY2011	FY2012			
Bonneville	0	0	9	9	0	0	0	0	32	32	44
The Dalles	0	0	19	19	0	0	0	0	70	70	90
John Day	0	0	3	3	0	0	0	0	253	267	275
<b>District Total</b>	<b>0</b>	<b>0</b>	<b>31</b>	<b>31</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>355</b>	<b>369</b>	<b>409</b>
McNary	12	1	78	91	0	0	5	5	223	210	306
Ice Harbor	0	0	12	12	0	0	0	0	55	55	69
Lower Monumental	35	0	22	57	0	0	0	0	185	150	207
Little Goose	0	0	2	2	0	0	0	0	91	91	99
Lower Granite	0	0	6	6	0	1	0	1	156	152	161
Dworshak	0	0	10	10	18	0	0	18	523	505	523
<b>District Total</b>	<b>47</b>	<b>1</b>	<b>130</b>	<b>178</b>	<b>18</b>	<b>1</b>	<b>5</b>	<b>24</b>	<b>1,233</b>	<b>1,163</b>	<b>1,365</b>
Chief Joseph	1	0	174	175	0	0	29	29	189	189	392
Albeni Falls <sup>11</sup>	0	0	33	33	0	0	20	20	366	366	419
Libby Dam <sup>12</sup>	0	0	181	181	0	0	172	172	136	136	489
<b>District Total</b>	<b>1</b>	<b>0</b>	<b>388</b>	<b>389</b>	<b>0</b>	<b>0</b>	<b>221</b>	<b>221</b>	<b>691</b>	<b>691</b>	<b>1,300</b>
<b>Corps Total</b>	<b>48</b>	<b>1</b>	<b>549</b>	<b>598</b>	<b>18</b>	<b>1</b>	<b>226</b>	<b>245</b>	<b>2,279</b>	<b>2,223</b>	<b>3,074</b>

<sup>9</sup> Includes "formal" and "consensus" determinations. See 36 CFR 63.2., 36 CFR 800.4, and National Register Bulletin Guidelines for Evaluating and Registering Archeological Properties 2000 (Little et al 2000).

<sup>10</sup> Cumulative number of sites (FCRPS and non-FCRPS funded work).

<sup>11</sup> Upper Pend Oreille River Archaeological District Determination of Eligibility was concurred upon during the reporting period.

<sup>12</sup> Data includes sites evaluated as eligible under criterion D for their ability to contribute to the LJAD and MKRAD archeological districts. Recent and current efforts to evaluate the eligibility of sites under criteria A-C have yet to be tabulated.



**TABLE 4. Determinations of Eligibility Completed for Individual Sites in FY2012**

Project	Determinations For: Sites Eligible (individually, or contributing to a District or Multiple Property Listing) <sup>9</sup>				Determinations For: Sites Not Eligible (individually, or those w/in a District/Multiple Property Listing that are non-contributing)				Total No. of Sites for which Determination of Eligibility Needs to be Completed		Total Number of Sites at Project as of FY2012 (cumulative)
	FCRPS Funded FY2012	Non-FCRPS Funded FY2012	Total No. (Cumulative) <sup>10</sup>		FCRPS Funded FY2012	Non-FCRPS Funded FY2012	Total No. (Cumulative) <sup>10</sup>		FY2011	FY2012	FY2012
			FY2011	FY2012			FY2011	FY2012			
Grand Coulee	4	0	35	39	0	0	8	8	573	572	619
Hungry Horse	0	0	0	0	0	0	0	0	21	21	21
<b>Reclamation Totals</b>	<b>4</b>	<b>0</b>	<b>35</b>	<b>39</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>8</b>	<b>594</b>	<b>593</b>	<b>640</b>
<b>SYSTEM TOTALS</b>	<b>52</b>	<b>1</b>	<b>584</b>	<b>637</b>	<b>18</b>	<b>1</b>	<b>234</b>	<b>253</b>	<b>2,873</b>	<b>2,816</b>	<b>3,714</b>

**TABLE 5. Individual, District, and Multiple Property Listings in FY2012<sup>13</sup>**

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	
	FY2011	FY2012	FY2011	FY2012	FY2011	FY2012	FY2011	FY2012
Bonneville	11	11	1	1	0	0	1	1
The Dalles	1	1	1	1	0	0	0	0
John Day	3	3	1	1	0	0	0	0
<b>District Total</b>	<b>15</b>	<b>15</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>
McNary	2	2	3	3	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	1	1	1	1	0	0	0	0
Dworshak	0	0	0	0	0	0	0	0
<b>District Total</b>	<b>4</b>	<b>4</b>	<b>6</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>
Chief Joseph	3	3	0	0	0	0	0	0
Albeni Falls	0	0	0	0	0	0	0	0
Libby Dam	0	0	2	2	0	0	0	0
<b>District Total</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Corps Totals</b>	<b>22</b>	<b>22</b>	<b>11</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>
Grand Coulee	19	19	1	1	0	0	0	0
Hungry Horse	0	0	0	0	0	0	0	0
<b>Reclamation Totals</b>	<b>19</b>	<b>19</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SYSTEM TOTALS</b>	<b>41</b>	<b>41</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>

<sup>13</sup> All numbers in this table are cumulative (the result of FCRPS and other funding sources). Any individual, District, or Multiple Property listings accomplished with FCRPS funding in FY2012 are described in the Project Appendixes.

**TABLE 6. FY2012 FCRPS Funded Work Supporting Determinations of Eligibility**

Project	Sites Tested in FY2012 - FCRPS Funded	Sites Tested in FY2012- Non- FCRPS Funded	Total No. Sites Tested (cumulative)		No. Sites for which Background Research was Conducted in FY2012	No. of Ethnographic Studies Conducted in FY2012 (includes oral history interviews, translation, & transcription)	Other
			FY2011 <sup>14</sup>	FY2012 <sup>14</sup>			
Bonneville	0	0	8	8	1	0	0
The Dalles	0	0	13	13	9	1	0
John Day	0	0	28	28	0	2	0
<b>District Total</b>	<b>0</b>	<b>0</b>	<b>49</b>	<b>49</b>	<b>10</b>	<b>3</b>	<b>0</b>
McNary	0	5	39	44	2	0	0
Ice Harbor	0	0	7	7	0	0	0
Lower Monumental	0	0	28	28	28	3	0
Little Goose	6	0	0	6	17	0	0
Lower Granite	0	0	0	0	4	0	0
Dworshak	0	0	12	12	0	0	0
<b>District Total</b>	<b>6</b>	<b>5</b>	<b>86</b>	<b>97</b>	<b>51</b>	<b>3</b>	<b>0</b>
Chief Joseph	0	0	210	210	0	1	0
Albeni Falls	0	0	57	57	0	0	0
Libby	0	0	N/A	N/A	0	0	0
<b>District Total</b>	<b>0</b>	<b>0</b>	<b>267</b>	<b>267</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>Corps Totals</b>	<b>6</b>	<b>5</b>	<b>402</b>	<b>413</b>	<b>61</b>	<b>7</b>	<b>0</b>
Grand Coulee	0	0	75	75	6	75	0
Hungry Horse	0	0	17	17	0	0	0
<b>Reclamation Totals</b>	<b>0</b>	<b>0</b>	<b>92</b>	<b>92</b>	<b>6</b>	<b>75</b>	<b>0</b>
<b>SYSTEM TOTALS</b>	<b>6</b>	<b>5</b>	<b>494</b>	<b>505</b>	<b>67</b>	<b>82</b>	<b>0</b>

<sup>14</sup> Figures are cumulative and represent all testing performed at archeological and historic sites as of FY2012.

## 2.5 Assessment of Effects

Assessment of effects is accomplished through annual site monitoring programs and generally occurs at all 14 FCRPS Projects. Annual monitoring programs focus on assessment of changes in site condition through time, but may also contribute to the identification of previously unrecorded sites exposed through erosion, may assist National Register evaluation, and may serve as preparation for and implementation of bank stabilization projects. Where engineered designs have been implemented, monitoring may be used to gauge the effectiveness of stabilization.

In FY2012, site monitoring occurred at 12 of the 14 FCRPS Projects (Table 7). Site monitoring was accomplished with Program funding at 360 sites, and at an additional 1 site with other funding sources for a total of 361 sites that were monitored in FY2012. Site documentation updates were completed at 166 previously recorded sites as a result of this work.

## 2.6 Resolution of Adverse Effects

Resolution of adverse effects took many forms in FY2012, including planning for and implementation of bank stabilization; creation and distribution of public awareness brochures, posters, and DVDs; installation of cultural resource protection signs; Archaeological Resource Protection Act (ARPA) patrols; and curation. Accomplishments for each Federal management unit are summarized below. A more detailed explanation of these activities can be found in specific Project appendixes.

**Corps, Portland District:** Distribution of public information brochures continued at Corps Visitor Centers at Bonneville and The Dalles Dams in FY2012. [REDACTED] was stabilized in October 2011. In preparation for stabilization and erosion control, the site was monitored in FY2012. The Warm Springs Tribe developed a site monitoring plan for [REDACTED] with FY2012 funds. The Roosevelt Petroglyphs were cleaned and placed on public display at Columbia Hills State Park, formerly known as Horsethief State Park, Washington.

**Corps, Walla Walla District:** The Confederated Tribes and Bands of the Yakama Nation completed their public awareness program for McNary Project and the four Snake River Projects in FY2012. Archeological sites were monitored at the McNary Project and three of the Snake River Projects; civil surveys were conducted at three sites in preparation for bank stabilization in FY2013. Signs were installed to deter vandalism at [REDACTED]. A contract to initiate stabilization construction at the [REDACTED] site (Lower Granite Project) was awarded in late FY2012.

**Corps, Seattle District:** At the Chief Joseph and Albeni Falls Projects, no new stabilizations or other treatments to address adverse effects were implemented in FY2012. Planning and design for bank stabilization at [REDACTED], Chief Joseph Project, was completed in FY2012. Oral histories for the Chief Joseph Tribal Fishery project continued. Construction materials were purchased for stabilization of the [REDACTED] site [REDACTED], Albeni Falls Project.

At the Libby Project, 18 sites were monitored; the [REDACTED] management plan was completed; stabilization design was completed for the Alexander Creek project; and public awareness radio announcements were funded for protection of cultural resources. Sites were also monitored in FY2012 at Chief Joseph Project (18 sites) and Albeni Falls Project (14 sites).

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**Reclamation Projects:** At the Grand Coulee Project, 100 sites were monitored in FY2012 by the Colville Confederated Tribes, the Spokane Tribe of Indians, and the National Park Service. At the Hungry Horse Project, nine sites were monitored by the Flathead National Forest.

**TABLE 7. Sites Monitored in FY2012<sup>15</sup>**

<b>Project</b>	<b>No. Previously Documented Sites Monitored in FY2012 w/ FCRPS Funds</b>	<b>No. Previously Documented Sites Monitored in FY2012 w/ Non-FCRPS Funds</b>	<b>Total No. Previously Documented Sites Monitored in FY2012</b>	<b>Total Number of Site Documentation Updates in FY2012</b>
Bonneville	18	0	18	18
The Dalles	22	0	22	22
John Day	31	0	31	31
<b>District Total</b>	<b>71</b>	<b>0</b>	<b>71</b>	<b>71</b>
McNary	56	0	56	0
Ice Harbor	18	0	18	0
Lower Monumental	25	0	25	0
Little Goose	31	0	31	0
Lower Granite	0	0	0	0
Dworshak	0	0	0	0
<b>District Total</b>	<b>130</b>	<b>0</b>	<b>130</b>	<b>0</b>
Chief Joseph	18	0	18	18
Albeni Falls	14	1	15	0
Libby	18	0	18	0
<b>District Total</b>	<b>50</b>	<b>1</b>	<b>51</b>	<b>18</b>
<b>Corps Totals</b>	<b>251</b>	<b>1</b>	<b>252</b>	<b>89</b>
Grand Coulee	100	0	100	68
Hungry Horse	9	0	9	9
<b>Reclamation Totals</b>	<b>109</b>	<b>0</b>	<b>109</b>	<b>77</b>
<b>SYSTEM TOTALS</b>	<b>360</b>	<b>1</b>	<b>361</b>	<b>166</b>

<sup>15</sup> Non-FCRPS funded monitoring is not tracked at all Projects, but is reported where data is available.

## 2.7 Curation

Curation of collections from all 14 FCRPS Projects continued in FY2012. As of the end of FY2012, the FCRPS Cultural Resource Program curates 7,736 cubic feet of cultural materials and 927 linear feet of supporting documentation (Table 8). No additional materials were curated in FY2012. The total cost to the Program for curation in FY2012 is \$206,877, a decrease of \$36,063 from FY2011. An FY2012 curation update for each Federal management unit follows.

***Corps Portland District:*** Curation costs for Bonneville were reduced by \$3,955 from FY2011 due to the Burke Museum curation contract ending; therefore, the FY2012 curation cost of \$3,956 for Bonneville reflects a partial year of cost. FY2012 curation costs for John Day were \$13,000, an increase of \$394.

***Corps Walla Walla District:*** The Corps Walla Walla District curates all FCRPS collections with Washington State University (WSU) as a single unit. At the close of FY2012, the total size of collections curated was 3,380 cubic feet of artifacts and 343 linear feet of records. Storage costs increased by \$610 in FY2012 to \$49,435.

***Corps Seattle District:*** Storage costs for FY2012 increased by \$4,369 in FY2012 to \$109,713. Funds were used to curate 2,304 cubic feet of artifacts and 248 linear feet of associated records. This is a decrease of 49 cubic feet of artifacts and 7 linear feet of associated records due to re-assessment of the collections associated with the Libby Project. No new collections were added to the curated materials during FY2012.

***Reclamation:*** FCRPS funds in the amount of \$30,773 supported curation at the Grand Coulee Project in FY2012. Funding pays for curation of 1,133 cubic feet of artifacts, and 247 linear feet of field notes, photographs, maps, and other records collected as part of Program compliance. This is a decrease of \$36,373 from FY2011 and an increase of 648 cubic feet of artifacts. The increased collection size is due to artifacts collected during monitoring.

Approximately 1 cubic foot of material from the Hungry Horse Project is curated with the Confederated Salish and Kootenai Tribe. In FY2012, the cost of curating these items was reduced to zero from an FY2011 cost of \$1,108.

**TABLE 8. Collections Curated with FCRPS Funds in FY2012**

Project	Artifacts (cu. ft.)	Records (linear ft.)	Repositories w/ Curation Agreements	Temporary Curation Facilities or Facilities w/ no Curation Agreement	Collections Treated in FY2012	FY2011 Curation Costs	FY2012 Curation Costs	Newly Curated Collections in FY2012
Bonneville	625	89	Burke Museum, Seattle, WA; Yakama Museum, Toppenish, WA	Collections from all Portland District Projects curated at Univ. of OR, at no charge	0	\$7,911 <sup>16</sup>	\$3,956 <sup>17</sup>	0
The Dalles	Not available	Not available		Collections from all Portland District Projects curated at Univ. of OR, at no charge	0	0	0	0
John Day	293	0	Tamastslıkt Cultural Institute, Pendleton, OR	Collections from all Portland District Projects curated at Univ. of OR, at no charge	0	\$12,606	\$13,000	0
<b>District Total</b>	<b>918</b>	<b>89</b>			<b>0</b>	<b>\$20,517</b>	<b>\$16,956</b>	<b>0</b>
Little Goose, Lower Granite, Lower Monumental, Ice Harbor, McNary <sup>18</sup>	3,222	325	Washington State University, Pullman, WA		0	\$48,425	\$49,435	0
Dworshak	158	18		Univ of ID	0	0	0	0
<b>District Total</b>	<b>3,380</b>	<b>343</b>			<b>0</b>	<b>\$48,825</b>	<b>\$49,435</b>	<b>0</b>

<sup>16</sup> Cost is for 2 years of curation: FY2010 and FY2011.

<sup>17</sup> Burke Museum contract ended, so this is for a partial year.

<sup>18</sup> Collections from McNary, Ice Harbor, Lower Monumental, Lower Granite, and Little Goose administered by the Corps Walla Walla District are curated as a single collection at Washington State University.

**TABLE 8. Collections Curated with FCRPS Funds in FY2012**

<b>Project</b>	<b>Artifacts (cu. ft.)</b>	<b>Records (linear ft.)</b>	<b>Repositories w/ Curation Agreements</b>	<b>Temporary Curation Facilities or Facilities w/ no Curation Agreement</b>	<b>Collections Treated in FY2012</b>	<b>FY2011 Curation Costs</b>	<b>FY2012 Curation Costs</b>	<b>Newly Curated Collections in FY2012</b>
Chief Joseph	1,902	182	Colville Confederated Tribes Curation Facility, Nespelem, WA		0	\$41,832	\$44,280	0
Albeni Falls	60	0	N/A	Eastern WA Univ.; AHS; NIRAC; NW Arch. Assoc.; Kalispel Tribe	0	0	0	0
Libby	342	66	Salish Kootenai College Curation Facility		0	\$63,512	\$65,433	0
<b>District Total</b>	<b>2,304</b>	<b>248</b>			<b>0</b>	<b>\$105,344</b>	<b>\$109,713</b>	<b>0</b>
<b>Corps Totals</b>	<b>6,602</b>	<b>680</b>			<b>0</b>	<b>\$174,686</b>	<b>\$176,104</b>	<b>0</b>



**TABLE 8. Collections Curated with FCRPS Funds in FY2012**

Project	Artifacts (cu. ft.)	Records (linear ft.)	Repositories w/ Curation Agreements	Temporary Curation Facilities or Facilities w/ no Curation Agreement	Collections Treated in FY2012	FY2011 Curation Costs	FY2012 Curation Costs	Newly Curated Collections in FY2012
Grand Coulee	1,133	247	Spokane Tribe of Indians Curation Facility, Wellpinit, WA <sup>19</sup> ; Colville Confederated Tribes Curation Facility, Nespelem, WA		Archive artifacts collected during monitoring, processing archival paperwork and photos, collection/location database	\$67,146	30,773	Artifacts collected during monitoring
Hungry Horse	1	Unknown	Confederated Salish and Kootenai Tribal Curation Facility			\$1,108	\$0	0
<b>Reclamation Totals<sup>20</sup></b>	<b>1,134</b>	<b>247</b>				<b>\$68,254</b>	<b>\$30,773</b>	Artifacts collected during monitoring
<b>SYSTEM TOTALS</b>	<b>7,736</b>	<b>927</b>			<b>0</b>	<b>\$242,940</b>	<b>\$206,877</b>	<b>0</b>

<sup>19</sup> Reclamation does not currently have a curation agreement with the STI, but one is under development.

<sup>20</sup> Reclamation costs include facility charges for curation and facility upgrades, as well as charges for work performed by Agency staffs in support of curation. Project Appendixes provide a more detailed description of charges.

### **3.0 FCRPS CULTURAL RESOURCE PROGRAM ACTIONS CONTRIBUTING TO COMPLIANCE WITH OTHER LAWS**

(October 1, 2011, through September 30, 2012)

The FCRPS Program addresses compliance with Section 106 of NHPA for the undertaking. However, because reservoir operations cause erosion that can expose cultural materials or human remains, some actions implemented in association with the Section 106 Program also contribute to Agency requirements under the ARPA and Section 3 of the Native American Graves Protection and Repatriation Act (NAGPRA). For example, cultural resources condition monitoring for the purposes of Section 106 compliance may also serve to detect vandalism.

To address exposure of cultural materials resulting from operations and maintenance activities associated with Project operations, the Agencies implement monitoring or “patrols.” Patrolling that contributed to ARPA and NAGPRA objectives was performed at six FCRPS Projects in FY2012. Patrol days numbered 614 across the FCRPS and are divided between Bonneville, The Dalles, John Day, Chief Joseph, Albeni Falls, and Grand Coulee Projects (Table 9). Systemwide, nine sites were assessed for damage in FY2012. No ARPA violations were issued in FY2012. (Table 9).

There were six inadvertent discoveries under NAGPRA due to Project operations at McNary (one) and Grand Coulee (five) in FY2012 (Table 10).

### **4.0 OTHER MANAGEMENT ACTIVITIES**

#### **4.1 FCRPS Systemwide PA Compliance**

##### ***4.1.1 FY2012 Contract Deliverables and Final Reports***

Projects for which final deliverables, including reports on NHPA compliance activities, were received in FY2012 include Bonneville, The Dalles, John Day, McNary, Little Goose, Ice Harbor, Chief Joseph, Libby, Albeni Falls, Grand Coulee, and Hungry Horse. In addition, two deliverables addressing district wide topics were received by the Corps, Walla Walla District. All FY2012 final reports were completed with FCRPS Program funding and are listed in appendix E.

A total of 39 final reports were received in FY2012. Reports characterize NHPA Section 106 work associated with identification of historic properties, National Register eligibility evaluation, and resolution of adverse effects.<sup>21</sup> Several of the reports addressed more than one compliance category, primarily inventory and evaluation. Also, some reports contain information on TCPs and HPRCSITs, which are identified in the TCP column of appendix E. Draft reports and deliverables, raw data, contractor progress and annual reports, DVDs, brochures, and other products generated with FCRPS Cultural Resource Program funding in FY2012 are described in the Project appendixes to this annual report.

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<sup>21</sup> Appendix E contains a list of all final reports delivered in FY2012. Work described in these reports may have been conducted during previous reporting years.

**TABLE 9. FY2012 Activities at FCRPS Dams and Reservoirs that Contributed to  
ARPA Compliance**

<b>Project</b>	<b>Damage Assessments</b>	<b>ARPA Violations Issued</b>	<b>ARPA Prosecutions</b>	<b>ARPA Convictions</b>	<b>Total No. Patrol Days in FY2012 (FCRPS funded only)</b>
Bonneville	0	0	0	0	86
The Dalles	0	0	0	0	86
John Day	1	0	0	0	88
<b>District Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>260</b>
McNary	0	0	0	0	0
Ice Harbor	0	0	0	0	0
Lower Monumental	0	0	0	0	0
Little Goose	0	0	0	0	0
Lower Granite	0	0	0	0	0
Dworshak	0	0	0	0	0
<b>District Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Chief Joseph	0	0	0	0	15
Albeni Falls	0	0	0	0	24
Libby	0	0	0	0	0
<b>District Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39</b>
<b>Corps Totals</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>299</b>
Grand Coulee	8	0	0	0	315
Hungry Horse	0	0	0	0	0
<b>Reclamation Total</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>315</b>
<b>SYSTEM TOTAL</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>614</b>

**TABLE 10. NAGPRA Section 3 Actions in FY2012 - Inadvertent Discoveries  
 Associated with Project Operations**

<b>Project</b>	<b>No. of Discoveries</b>	<b>Site Designation or Location</b>
Bonneville	0	NA
The Dalles	0	NA
John Day	0	NA
<b>District Total</b>	<b>0</b>	
McNary	1	Columbia Point
Ice Harbor	0	NA
Lower Monumental	0	NA
Little Goose	0	NA
Lower Granite	0	NA
Dworshak	0	NA
<b>District Total</b>	<b>1</b>	
Chief Joseph	0	NA
Albeni Falls	0	NA
Libby	0	NA
<b>District Total</b>	<b>0</b>	<b>NA</b>
<b>Corps Totals</b>	<b>1</b>	
Grand Coulee	5	
Hungry Horse	0	NA
<b>Reclamation Totals</b>	<b>5</b>	<b>NA</b>
<b>SYSTEM TOTAL</b>	<b>6</b>	<b>NA</b>

#### **4.1.2 *Reviews Performed Under Attachment 6 of the Systemwide PA***

Table 11 shows the number of times each FCRPS Project exercised use of Attachment 6 of the Systemwide PA for management of historic properties. Attachment 6 lists 20 routine activities supporting operation and maintenance of the FCRPS that have little or no potential to cause effects on historic properties, providing conditions specified in the Systemwide PA are met. The number of times activities listed in Attachment 6 were performed across the FCRPS totals 46 in FY2012. They were performed at eight of the FCRPS Projects.

#### **4.1.3 *Historic Property Management Plan/Project-Specific PA Review and Revision***

In FY2010, the Agencies drafted a schedule for updating Project HPMPs and creating Project-Specific Programmatic Agreements (PSPAs). Changes to the schedule occurred in FY2011 and FY2012 in response to shifting priorities and changes in funding. The Systemwide PA requires the agencies to draft or revise two of these documents annually. Final HPMPs exist for 12 of the 14 Projects. During FY2012, updated versions of the existing John Day, Ice Harbor and Libby HPMPs were initiated, and a new HPMP was initiated for the Grand Coulee Project. It is currently taking longer than 1 fiscal year to complete updates of existing HPMPs.

A schedule was drafted in FY2010 for developing PSPAs that implement the terms of HPMPs and to address conditions and protocols specific to each Project was also drafted in FY2010. Currently, four PSPAs have been drafted, but none have been finalized. The HPMP/PSPA revision and development schedule is shown in Table 12. A list of existing HPMPs for FCRPS Projects is in appendix D of this report.

**TABLE 11. 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	1	0	0	0	0	0	0	0	0	0	0	1
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	0	0	0	1	0	0	0	1
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	2	0	0	0	1	0	0	1	1	0	0	5
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	2	0	1	0	0	0	0	0	0	0	1	0	0	4

**TABLE 11. 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
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	1	0	0	0	0	0	0	0	0	1	0	0	2
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	1	0	0	0	0	1	0	1	1	0	0	4
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 National Register in consultation with the SHPO/THPO, and where there are no other properties in the immediate vicinity.	0	0	2	0	0	0	0	0	1	0	1	0	0	0	4
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 an historic property, or where the property has been determined “not eligible” for the National Register in consultation with the SHPO/THPO.	0	1	0	1	0	0	0	0	0	0	1	0	0	0	3

**TABLE 11. 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
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	1	0	0	0	1
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	1	0	0	0	1
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	6	0	0	0	0	0	0	0	0	1	0	0	0	7
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 an historic property, or where the property has been determined “not eligible” for the National Register 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	1	0	0	0	1



**TABLE 11. 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
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 in age or have been determined “not eligible” in consultation with the SHPO/THPO, where they are not within or part of an 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	1	0	0	0	0	0	0	0	0	0	1	
16	Small bore (less than 6 inch diameter) drilling within areas previously surveyed and outside of known property areas.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

**TABLE 11. 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
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 CFR. part 67), and will be reversible.	0	0	0	3	0	0	0	0	0	1	0	0	0	0	4
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	1	1	0	0	0	0	1	0	0	0	0	3
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	1	0	0	0	0	0	0	0	0	1	0	0	0	2

**TABLE 11. Routine Activities Under the FCRPS Systemwide PA that Do Not Require Section 106 Consultation**

<b>Activity No.</b>	<b>Activity Description</b>	<b>Bonneville</b>	<b>The Dalles</b>	<b>John Day</b>	<b>McNary</b>	<b>Ice Harbor</b>	<b>Lower Monumental</b>	<b>Little Goose</b>	<b>Lower Granite</b>	<b>Dworshak</b>	<b>Chief Joseph</b>	<b>Albeni Falls</b>	<b>Libby</b>	<b>Grand Coulee</b>	<b>Hungry Horse</b>	<b>TOTALS</b>
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	1	0	0	0	0	0	0	0	0	1	0	0	0	2
<b>TOTALS</b>		<b>0</b>	<b>11</b>	<b>3</b>	<b>11</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>12</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>46</b>

**TABLE 12. Schedule for Revision of Project Historic Property Management Plans and Development of Project-Specific Programmatic Agreements**

Proposed Revision Date/Schedule	HPMP	Date of Current HPMP	PSPA
<b>FY2010</b>	<i>Ice Harbor</i>	2000	Libby Chief Joseph Albeni Falls
<b>FY2011</b>	<i>Little Goose</i>	2000	Hungry Horse
<b>FY2012</b>	John Day	2002	
	Little Goose	2000	
	Ice Harbor	2000	
	Libby	2008	
<b>FY2013</b>	<i>Lower Monumental</i>	2000	
	Grand Coulee	ND <sup>22</sup>	
	McNary	2000	
	Albeni Falls	2008	
<b>FY2014</b>	<i>Lower Monumental</i>	2000	
	Hungry Horse	2006	
	Chief Joseph	2009	
<b>FY2015</b>	Dworshak	2001	
	Bonneville	2006	
<b>FY2016</b>	The Dalles	2005	
	Dworshak	2001	

\* *Italicized* (HPMP under revision)

**4.1.4 Identification of Standards and Processes for Section 106 Compliance for Historic Properties of Religious and Cultural Significance to Indian Tribes (Systemwide PA Stipulation V)**

Stipulation V of the Systemwide PA commits the Agencies to define minimum standards and processes for the identification, documentation, and evaluation of HPRCSITs. In FY2012, one meeting of the FCRPS TCP Subcommittee was held on July 26, 2012, to discuss documentation requirements and management of HPRCSITs and TCPs. Participants included Agency staffs, Tribal staffs, and State and Tribal Historic Preservation Office (SHPO and THPO) staffs. The TCP Subcommittee also developed a new TCP inventory form designed to facilitate the information collection process. This form was tested on several FCRPS contracts during FY2012.

<sup>22</sup> No final HPMP has been completed to date for Grand Coulee. A draft plan exists, and was reviewed for conformance with the Systemwide PA content requirements.

#### **4.1.5 *Systemwide Research Design***

Stipulation VII of the Systemwide PA requires Agencies to prepare a draft Systemwide Research Design by October 6, 2011. In FY2012, comments were received on the initial draft of the Systemwide Research Design during February 2012. Representative from the Corps, BPA, and Reclamation reviewed comments and developed a draft schedule for addressing comments and re-writing the Systemwide Research Design in FY2013-2014.

#### **4.1.6 *FCRPS Cultural Resource Program Systemwide Conference***

The Systemwide PA (Stipulation IX.I) requires the Agencies to hold a systemwide meeting no less than every 2 years. The meeting or conference serves as a forum for reporting accomplishments, sharing information, and discussing common issues. Conference planning activities occurred from January through September 2012 and culminated in a conference being held October 23-25, 2012, at Northern Quest Casino in Spokane, Washington. Since this conference was held in FY2013, it will be discussed in more detail in the FY2013 Annual Report. The next conference or systemwide meeting is planned for October 2014.

#### **4.1.7 *New Systemwide PA Signatories.***

There were no new signatories to the Systemwide PA in FY2012.

### **4.2 *Other Program Management Activities***

#### **4.2.1 *Long-Term Program Planning***

Long-term FCRPS Program goals were first defined by the agencies in 2009 to justify annual funding and to ensure a consistent path toward compliance. Each year, Agency staffs develop short-term goals and measures to help meet those long-term program goals. In FY2012, short-term goals were to: (1) finalize APEs for Grand Coulee Mainstem and Hungry Horse Projects; (2) develop inventory plans for all Corps Projects to address data gaps within the APE; (3) plan to conduct some inventory at all 14 Projects; (4) evaluate two to three sites per Corps Project annually and evaluate two sites per Reclamation Project annually; (5) plan for one mitigation/treatment per Project and implement one mitigation/treatment annually; and (6) develop questions for a customer satisfaction survey.

#### **4.2.2 *Other Meetings and Coordination***

The FCRPS Cultural Resource Program is highly collaborative, necessitating many meetings between Program participants to discuss technical issues and prioritize work. The 8 Cooperating Groups that make Program contributions met approximately 32 times in FY2012. These meetings consisted of business meetings, conference calls, workshops, and field visits. Agency staffs also held four Cultural Resource Subcommittee (CRSC) meetings. In addition, the three Agency Program Managers met regularly with the FCRPS Joint Operating Committee to report on the status of Program accomplishments, and met with agency executives to discuss policy issues affecting Program implementation. The Systemwide Research Design Subcommittee met on an as-needed basis to discuss comments received on the first draft of the research design. The TCP Subcommittee met in July of 2012 to continue discussions on the FCRPS TCP inventory form, proposed revisions to National Park Service Bulletin #38, confidentiality of data, and TCP boundary issues.

## 5.0 FY2012 PROGRAM EXPENDITURES AND OBLIGATED FUNDS

Accounting practices differ for BPA, the Corps, and Reclamation, making characterization of annual Program expenditures difficult. Table 13 shows FY2012 obligated and expended Program funds for Corps and Reclamation administered Projects. Only obligations and expenditures against FCRPS Cultural Resource Program joint funding appear in Table 13. Also, systemwide expenses are managed by BPA and consist of funds that benefit systemwide efforts such as records maintenance, GIS database, conference planning, and tribal travel and Elder grants. Reclamation and BPA staff time and travel are charged to a different funding source (not to the joint funding Program). BPA program administration costs are shown in Table 14.

**TABLE 13. FCRPS Cultural Resource Program Expenditures in FY2012**

Agency	FY2012 Obligated Funds	FY2012 Expenditures	Invoices Against Previous Year Contracts Paid in FY2012	Cumulative Program Expenditures to Date (FY1999 - FY2012)
Corps of Engineers	\$4,283,000	\$3,261,000		\$32,536,000
Bureau of Reclamation	\$3,060,189	\$1,913,748	\$226,825	\$28,551,135
System-wide Expenses	\$ 135,165	\$ 120,140		\$ 851,804
<b>TOTALS</b>	<b>\$7,478,354</b>	<b>\$5,294,888</b>	<b>\$226,825</b>	<b>\$61,938,939</b>

Table 13 shows that combined jointly funded Program expenditures in FY2012 total \$5,294,888. As of September 30, 2012, Corps obligated funds were \$4,283,000, and expenditures were \$3,261,000. Reclamation actual expenditures in FY2012 were \$1,913,748. The total amount expended to the Program between September 1999 and September 2012 is \$61,938,939. In addition to providing its proportional share to the FCRPS Cultural Resources Program, Reclamation also spent \$954,761 in Congressionally-appropriated funds on construction of the 45FE1 Stabilization Project. Corps and Reclamation obligations and expenditures shown are attributable to individual Project operating costs. System-wide expenses cannot be attributed to individual Projects.

Table 14 shows costs for BPA staff participation in the Program. These costs are not charged to FCRPS Program joint funds. BPA staff salaries, travel, supplies/training expenses total \$573,392 in FY2012. Corps and Reclamation staff participation are included in the total obligations and expenditures listed in Table 13.

**TABLE 14. Supporting BPA Staff Participation in FY2012**

Agency	Salaries	Travel	Supplies/ Training	Total
BPA Program Administration	\$526,328	\$41,907	\$5,157	\$573,392

## **6.0 FY2013 DIRECTION AND INITIATIVES**

Routine NHPA Section 106 compliance activities will continue in FY2013. The consultation process will continue in order to finalize the APE for the Mainstem of Grand Coulee. Corps APEs will continue to be refined as real estate data are updated and more field work is conducted to verify lands directly and indirectly affected by Project operations.

Currently, inventory for archeological and historic sites and standing historic structures has occurred on approximately 53 percent of Project lands that are accessible for inventory. Inventory status and future inventory needs were reassessed in FY2012, and a prioritized survey plan was developed for each of the 12 Corps Projects. Based on long-term Program goals, the target date for completion of archeological and historic site inventory within the Project APEs is the end of FY2017. The end of FY2018 is the target date for completion of TCP/HPRCSIT inventories on Project lands.

In FY2013, Cooperating Groups will continue to develop plans for treating/mitigating impacts to the top 10 high priority sites at each Project. Work needed to complete DOEs for these sites will be conducted, and stabilization planning will take place, where appropriate.

Monitoring will continue to serve as a mechanism to gauge the impacts of project operations on known historic properties and potentially eligible sites. Monitoring also serves to detect and deter vandalism, as well as to locate previously unrecorded features and artifacts. Future annual reports may assess monitoring from a systemwide perspective in order to gauge the effectiveness of Project monitoring programs.

Distribution of public information materials such as brochures and posters will continue in FY2013. Additionally, each Cooperating Group will develop one mitigation or treatment plan and implement one mitigation or treatment at each of the 14 Projects annually. This includes alternative or creative forms of mitigation/treatment. Curation of existing and new collections will also continue.

Also continuing in FY2013 is HPRCSIT/TCP Subcommittee work and work on the draft Systemwide Research Design. At the end of calendar year 2012, comments had been received on the first draft of the Systemwide Research Design, and agency staff developed a completion schedule. The next step in development of the draft Systemwide Research Design will be to address comments provided by FCRPS Program reviewers, request comments from selected members of the academic community, and re-organize and re-focus the document with assistance from a professional editor. Proposed completion date for the next draft is spring 2014. The FCRPS TCP Subcommittee will continue to meet in FY2013 to discuss National Park Service Bulletin 38 revisions and discuss challenges associated with identification, evaluation, and treatment of TCPs and HPRCSITs in the Columbia River basin.

## 7.0 REFERENCES CITED

Bonneville Power Administration, Bureau of Reclamation, and U.S. Army Corps of Engineers. 2010. *First Annual Report Under 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 (2009).*” Manuscript on file at Bonneville Power Administration, Portland, Oregon.

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Little, Barbara, Erika Seibert Martin, Jan Townsend, John Sprinkle, Jr., and John Knoerl. 2000. *Guidelines for Evaluating and Registering Archeological Properties.* National Register Bulletin 36. U.S. Department of the Interior, National Park Service, Washington, D.C.

The National Historic Preservation Act of 1966 (as amended).



## **APPENDIXES**

- APPENDIX A:** Contributors
- APPENDIX B:** Definitions
- APPENDIX C:** FCRPS Program Cooperating Groups and Participants
- APPENDIX D:** Historic Property Management Plans and Project-Specific Programmatic Agreements
- APPENDIX E:** FY2012 Deliverables
- APPENDIX F:** Bonneville Lock and Dam Additional Narrative Information
- APPENDIX G:** The Dalles Lock and Dam and Lake Celilo Project Additional Narrative Information
- APPENDIX H:** John Day Lock and Dam and Lake Umatilla Project Additional Narrative Information
- APPENDIX I:** McNary Lock and Dam and Lake Wallula Project Additional Narrative Information
- APPENDIX J:** Ice Harbor Lock and Dam and Lake Sacajawea Project Additional Narrative Information
- APPENDIX K:** Lower Monumental Lock and Dam and Lake West Project Additional Narrative Information
- APPENDIX L:** Little Goose Lock and Dam and Lake Bryant Project Additional Narrative Information
- APPENDIX M:** Lower Granite Lock and Dam and Lower Granite Lake Project Additional Narrative Information
- APPENDIX N:** Dworshak Dam and Reservoir Project Additional Narrative Information
- APPENDIX O:** Chief Joseph Dam and Rufus Woods Lake Project Additional Narrative Information
- APPENDIX P:** Albeni Falls Dam and Pend Orielle Lake Project Additional Narrative Information
- APPENDIX Q:** Libby Dam and Lake Koocanusa Project Additional Narrative Information
- APPENDIX R:** Grand Coulee Dam and Lake Roosevelt Additional Narrative Information
- APPENDIX S:** Hungry Horse Dam and Reservoir

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## APPENDIX A

### Contributors

#### **Bonneville Power Administration:**

Shelby Day	Bonneville Power Administration, Wana Pa Koot Koot, Albeni Falls, and Chief Joseph Project Manager
Kristen Martine	Bonneville Power Administration, Federal Columbia River Power System (FCRPS) Cultural Resource Program Manager
Katherine Pollock	Bonneville Power Administration, FCRPS Cultural Resource Project Manager, Grand Coulee and Hungry Horse Project Manager
Eric Petersen	Bonneville Power Administration, Payos Kuus Cuukwe and Libby Project Manager
Susan Tracey	Bonneville Power Administration, Administrative Assistant
Melanie Wadsworth	Bonneville Power Administration, Geographic Information System (GIS) Analyst

#### **Bureau of Reclamation:**

Michael Flowers	Bureau of Reclamation, Grand Coulee Power Office, Grand Coulee and Hungry Horse Project Manager
Sean Hess	Bureau of Reclamation, Pacific Northwest Regional Office, Regional Archeologist, FCRPS Cultural Resources Program Manager

#### **U.S. Army Corps of Engineers:**

Gail Celmer	U.S. Army Corps of Engineers, Northwestern Division, Regional Archeologist, FCRPS Cultural Resources Program Manager
Elizabeth Ellis	U.S. Army Corps of Engineers, Seattle District, Libby Dam Project Manager
Amy Holmes	U.S. Army Corps of Engineers, Portland District, Wana Pa Koot Koot Project Manager
Alice Roberts	U.S. Army Corps of Engineers, Walla Walla District Office, Payos Kuus Cuukwe Project Manager
Lawr Salo	U.S. Army Corps of Engineers, Seattle District Office, Albeni Falls and Chief Joseph Dam Project Manager

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## APPENDIX B

### Definitions

**Acres Resurveyed with FCRPS Program Funds in current fiscal year** – Includes acres inventoried for archeological sites and historic structures in current 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 (BPA, Corps, or 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 appendixes.

**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 PA 2009:39, 36 CFR 800.16(d)).

**Background Research** – Archival research that may include review of reports, site forms, historic maps, photographs, periodical articles, transcriptions, or other documentation.

**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 evaluated as contributing to a National Register District.

**Curation** – Managing and preserving a collection according to professional museum and archival practices 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** – Study of culture.

**FCRPS Funded** – Combined BPA rate-payer 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

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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 National Register criteria (Systemwide PA 2009:40-41, 36 CFR 800.16(I)(1)).

**Historic Properties of Religious and Cultural Significance to Indian Tribes (HPRCSIT)** – One kind of Traditional Cultural Property. 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 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 National Register.” 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 never go below during 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 thematic 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 [NPS]).

**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 National Register described in 36 CFR 60.4.

**National Register of Historic Places** – 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 National Register using criteria defined in 36 CFR 60.4 (Systemwide PA 2009:41).

**Non-Contributing** – A site evaluated as non-contributing to a National Register District.

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**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 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 cultural 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.) were updated in the current fiscal year.

**Total Project Acres (Fee and Easement Lands)** – All Corps/Reclamation controlled fee and easement 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 archeological sites, historic sites, and historic structures. Includes only new survey.

**Traditional Cultural Property (TCP)** – A property that may be “eligible for inclusion in the National Register 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).

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## APPENDIX C

### FCRPS Program Cooperating Groups and Participants

#### **Wana Pa Koot Koot Cooperating Group**

Bonneville, The Dalles, and the John Day Projects

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

#### **Payos Kuus Cuukwe Cooperating Group**

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

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

#### **Chief Joseph Cooperating Group**

Chief Joseph Dam

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

#### **Lake Roosevelt Spokane Arm Cooperating Group**

Grand Coulee Dam

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

**Lake Roosevelt Mainstem Cooperating Group**

Grand Coulee Dam

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

**Albeni Falls Cooperating Group**

Albeni Falls Dam

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

**Libby Cooperating Group**

Libby Dam

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

**Hungry Horse Cooperating Group**

Hungry Horse Dam

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

## APPENDIX D

### Historic Property Management Plans

- 2000 McNary Reservoir Cultural Resources Management Plan, The Confederated Tribes of the Colville Reservation. U.S. Army Corps of Engineers (USACE), Walla Walla District, Contract # DACW-68-99-M-3157.
- 2000 Lower Snake River Reach Cultural Resources Management Plan. The Confederated Tribes of the Colville Reservation. USACE Walla Walla District, Contract # DACW68-98-P-0136. (Includes Ice Harbor, Lower Monumental, Little Goose, and Lower Granite Dam Projects)
- 2001 Dworshak Reservoir Cultural Resources Management Plan. Nez Perce Tribe Cultural Resource Program. U.S. Army Corps of Engineer, Walla Walla District, Contract # DACW68-00-P-0077.
- 2002 *Miimá Taymú: A Historic Properties Management Plan for the John Day Reservoir*. Two Volumes. Cultural Resources Protection Program, Confederated Tribes of the Umatilla Indian Reservation, Mission, Oregon. Prepared for the U.S. Army Corps of Engineers, Portland District.
- 2005 Historic Properties Management Plan for The Dalles Lock and Dam Project. Two volumes. Department of Cultural Resources, Confederated Tribes of the Warm Springs Reservation of Oregon, Warm Springs, Oregon. Prepared for Wana-pa Koot Koot Cooperating Group, U.S. Army Corps of Engineers, Portland District, and Bonneville Power Administration.
- 2006 *Historic Properties Management Plan for The Bonneville Lock and Dam Project*. Two volumes. Department of Cultural Resources, Confederated Tribes of the Warm Springs Reservation of Oregon, Warm Springs, Oregon. Prepared for Wana-pa Koot Koot Cooperating Group, U.S. Army Corps of Engineers, Portland District, and Bonneville Power Administration.
- 2006 Hungry Horse Historic Properties Management Plan. Confederated Salish and Kootenai Tribes, Bonneville Power Administration, Bureau of Reclamation, and the Flathead National Forest. On file at the Bonneville Power Administration. Portland, Oregon.
- 2006 Libby Dam/Lake Koocanusa Historic Properties Management Plan: Volume 1 - Cultural Resources Management Overview; Volume II - Technical Information. U.S. Army Corps of Engineers, Seattle District.
- 2008 Historic Properties Management Plan, Albeni Falls Dam and Pend Oreille Lake Project. U.S. Army Corps of Engineers, Seattle District. 2012, Appendix T, Inventory Plan for Insufficiently Documented or Uninventoried Areas in the APE.
- 2009 Historic Properties Management Plan, Chief Joseph Dam and Rufus Woods Lake Project. U.S. Army Corps of Engineers, Seattle District. 2012, Appendix T, Inventory Plan for Insufficiently Documented or Uninventoried Areas in the APE.

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**APPENDIX E**  
**FY2012 Final Deliverables**

<b>Project</b>	<b>Document Author</b>	<b>Document Date</b>	<b>Document Title</b>	<b>Identification</b>	<b>Evaluation</b>	<b>Treatment</b>	<b>Other</b>	<b>TCP</b>
<b>Bonneville</b>			No final contract report deliverables received in FY2012					
<b>The Dalles</b>	All-Ways Excavating USA, LLC	2012	<i>Pathway Extension for Roosevelt Petroglyphs at Horsethief State Park Completed</i>	N	N	Y	Y	N
	Shellenberger, J., G. Kiona, and N. Oliver	2012	<i>Celilo Falls Oral History Final Report, by Jon Shellenberger, Gregg Kiona, and Noah Oliver, June 2012</i>	Y	N	N	N	Y
<b>John Day</b>	Steinmetz, Shawn	2012	<i>Celilo Area Oral History Project Progress Report</i>	Y	N	N	N	Y
	Shellenberger, J., G. Kiona, and N. Oliver	2012	<i>Traditional Cultural Property Documentation-John Day Project</i>	Y	N	N	N	Y
	Steinmetz, Shawn	2012	<i>2005-2006 Cultural Resource Monitoring of Sites along the John Day Reservoir</i>	N	N	Y	N	N
	Smith, Deanie	2012	<i>Literature Review for Historic Properties within the John Day Lock and Dam Project</i>	Y	N	N	N	Y

<b>Project</b>	<b>Document Author</b>	<b>Document Date</b>	<b>Document Title</b>	<b>Identification</b>	<b>Evaluation</b>	<b>Treatment</b>	<b>Other</b>	<b>TCP</b>
<b>Walla Walla District-Wide</b>	Dickson, Catherine	2011	<i>Confederated Tribes of the Umatilla Indian Reservation (CTUIR) Public Awareness Products - Brochure, Poster, and PowerPoint</i>	N	N	Y	N	N
	Coyote, Arrow	2011	<i>Confederated Tribes of the Colville Reservation Traditional Cultural Properties Public Awareness Plan</i>	N	N	Y	N	N
<b>McNary</b>	Red Elk, Wenix	2011	<i>Inventory of Unsurveyed Lands within the McNary Project Area, Umatilla County, Oregon, Benton, Franklin, and Walla Walla Counties, Washington</i>	Y	N	N	N	Y
<b>McNary and Little Goose</b>	Shellenberger, John, Greg Kiona, Noah Oliver, and Dave Woody	2011	<i>Traditional Cultural Property and Archaeological Monitoring at McNary and Little Goose Projects</i>	N	N	Y	N	Y
<b>McNary and Ice Harbor</b>	Solimano, Paul	2012	<i>Federal Columbia River Power System Monitoring Program at McNary and Ice Harbor Projects, Benton, Franklin, Columbia, and Walla Walla Counties, Washington and Umatilla County, Oregon</i>	N	N	Y	N	N
<b>Little Goose</b>	Shellenberger, John, Greg Kiona, and Noah Oliver	2011	<i>Traditional Cultural Property and Archaeological Inventory for Little Goose Dam</i>	Y	Y	N	Y	Y
	Coyote, Arrow	2011	<i>Cultural Resource Inventory of Rice, Hastings, and Tucker Bars along the Snake River, Garfield County, Washington</i>	Y	Y	N	N	Y

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<b>Project</b>	<b>Document Author</b>	<b>Document Date</b>	<b>Document Title</b>	<b>Identification</b>	<b>Evaluation</b>	<b>Treatment</b>	<b>Other</b>	<b>TCP</b>
<b>Chief Joseph</b>	Salo, Lawr	2011	<i>Chief Joseph Dam and Rufus Woods Lake Project Historic Properties Management, Historic Properties Effects of Issuance of Permission Letters for Installation and Maintenance of an Irrigation System in Tracts G612, H801, and 102E</i>	<b>Y</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>
<b>Chief Joseph Dam and Rufus Woods Lake</b>	U.S. Army Corps of Engineers, Seattle District	September 2012	<i>Historic Properties Management Plan, Chief Joseph Dam and Rufus Woods Lake Project, Appendix T, Inventory Plan for Insufficiently Documented or Uninventoried Areas in the APE</i>	<b>N</b>	<b>N</b>	<b>N</b>	<b>Y</b>	<b>N</b>
<b>Albeni Falls Dam and Pend Oreille Lake</b>	Willis, S.C.	August 2012	<i>Archaeological Investigations at Site 10BR14, Hornby Creek Wildlife Management Area, Bonner County, Idaho</i>	<b>N</b>	<b>Y</b>	<b>N</b>	<b>N</b>	<b>N</b>
<b>Libby Dam/Lake Koocanusa</b>	Timmons, Becky	February 2012	<i>Libby Dam-Lake Koocanusa Cultural Resource Report: Site Inventory, Evaluation, Treatment, and Site Erosion Measurement Related to Reservoir Effects, Lincoln County, Montana</i>	<b>N</b>	<b>N</b>	<b>N</b>	<b>Y</b>	<b>N</b>
	U.S. Army Corps of Engineers, Seattle District	September 2012	<i>Historic Properties Management Plan, Albeni Falls Dam and Pend Oreille Lake Project, Appendix T, Inventory Plan for Insufficiently Documented or Uninventoried Areas in the APE</i>	<b>N</b>	<b>N</b>	<b>N</b>	<b>Y</b>	<b>N</b>

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<b>Project</b>	<b>Document Author</b>	<b>Document Date</b>	<b>Document Title</b>	<b>Identification</b>	<b>Evaluation</b>	<b>Treatment</b>	<b>Other</b>	<b>TCP</b>
<b>Grand Coulee</b>	Casserino, Christopher M.	2012	<i>Grand Coulee Three Oven Site NRHP Registration</i>	N	Y	N	N	N
	Covington, Brenda I.	2012	<i>Results of the 2011 Site Condition Monitoring, Grand Coulee Dam Project Area, Ferry and Stevens Counties Washington</i>	Y	N	N	N	N
	Jones, James and Harrison III, James B.	2012	<i>The Three Oven Site 45LI31 and Mud Flats 45LI374 Phase II Investigation and Determination of Eligibility, Lake Roosevelt Reservoir Archaeology 2011</i>	Y	Y	N	N	
	Matt, John	2011	<i>ARPA Monitoring Report FY2011 For Lake Roosevelt Funded by Bonneville Power Administration and Bureau of Reclamation IGC #49925</i>	N	N	N	Y	N
	Martinez, Brent	2012	<i>Magnetometer Investigations at Barnaby Mission in Ferry County, Washington</i>	Y	N	N	N	N
	Harrison III, James B.	2012	<i>ARPA Patrol and Monitoring Report Field Year 2012: March 22-June 15</i>	N	N	N	Y	N



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<b>Project</b>	<b>Document Author</b>	<b>Document Date</b>	<b>Document Title</b>	<b>Identi- fication</b>	<b>Eval- uation</b>	<b>Treat- ment</b>	<b>Other</b>	<b>TCP</b>
	McCullough, Laura and Ray DePuydt	2011	<i>Final Report on the 2010 Monitoring of Archaeological Sites Lake Roosevelt National Recreation Area, Stevens, Lincoln, and Ferry Counties Washington</i>	Y	N	N	N	N
	Naumann, Aaron J.	2012	<i>Re-assessment and Data Recovery Plan for Site 45ST61 in 2013-14, Stevens County, Washington</i>	Y	Y	Y	N	N
	Casserino, Christopher	2012	<i>NRHP Registration Form for Hidden Beach</i>	N	Y	N	N	N
	Confederated Tribes of the Colville Reservation	2012	<i>Task Order 7c Draft Outline Document CRM Activities</i>	Y	N	N	N	N
	Martinez, Brent	2012	<i>NRHP Registration Form for Barnaby Mission and Cemetery/Little Mission; 45FE40/45FE474 (preferred)</i>	N	Y	N	N	N
	Pouley, John O. and Covington, Brenda L.	2012	<i>Lakes Villages District National Register of Historic Places Determination of Eligibility Stevens and Ferry Counties, Washington 2011-2012</i>	N	Y	N	N	N

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<b>Project</b>	<b>Document Author</b>	<b>Document Date</b>	<b>Document Title</b>	<b>Identi- fication</b>	<b>Eval- uation</b>	<b>Treat- ment</b>	<b>Other</b>	<b>TCP</b>
	Covington, Brenda L.	2012	<i>Results of the 2011 Burial Sites Inspection, Grand Coulee Dam Project Area, Ferry, Grant, Lincoln, and Stevens Counties Washington</i>	Y	Y	N	N	N
	Spokane Tribe of Indians Cultural Resource Preservation	2012	<i>Spokane Tribe of Indians Cultural Preservation Department Collections/Archives Cultural Resource Contract Compliance</i>	N	N	N	Y	N
	Colville Confederated Tribes	2012	<i>2011 Site Condition Monitoring containing Digital Photographs and Database, the Artifact Database and Field Notes</i>	N	N	N	Y	N
	Colville Confederated Tribes	2012	<i>2012 Collection Management Annual Report</i>	N	N	N	Y	N
	Colville Confederated Tribes	2012	<i>2012 Collection Management Ongoing Curation</i>	N	N	N	Y	N
	Casserino, Christopher and Harrison III, James B.	2012	<i>ARPA Patrol and Monitoring Report Field Year 2012: August 15-September 13</i>	N	N	N	Y	N

<b>Project</b>	<b>Document Author</b>	<b>Document Date</b>	<b>Document Title</b>	<b>Identi- fication</b>	<b>Eval- uation</b>	<b>Treat- ment</b>	<b>Other</b>	<b>TCP</b>
	Casserino, Christopher and Harrison III, James B.	2012	<i>ARPA Patrol and Monitoring Report Field Year 2012: July 16-August 15</i>	N	N	N	Y	N
	Casserino, Christopher and Harrison III, James B.	2012	<i>ARPA Patrol and Monitoring Report Field Year 2012: June 15-July 15</i>	N	N	N	Y	N
	Covington, Brenda L.	2012	<i>National Register of Historic Places Registration Form for Redford Canyon; 45FE356/FE399 (preferred)</i>	N	N	N	Y	N
<b>Hungry Horse</b>			No final contract report deliverables received in FY2012					

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**APPENDICES E THROUGH S NOT INCLUDED**

Please contact any of the three Agency Program Managers listed on the FCRPS Cultural Resource Program web site to obtain information from APPENDICES E THROUGH S of this report.