



Cultural Resources Technical Working Group Meeting

Date:

Time:

Location:

Directions

Parking:

Discussion Topic:

Agenda

Attendees

Draft Summary

Handouts, Attachments & Presentations

Directions to SMUD's Customer Service Center

SMUD has two four-story buildings located adjacent to Highway 50 on the north side, between 59th Street exit and 65th Street exit. The Customer Service Center (CSC) is the newer building of the two located at 6301 S Street, and houses the Rubicon Room, Forestview 1,2, & 3, Sequoia 1,2,& 3, Timberline 1,2, & 3, and the HRL Conference Room located on the third floor (Northwest wing). The Headquarters building is located at 6201 S Street, directly west of the CSC. It houses the Headquarters' Customer Center (HCC), the Auditorium and several other conference rooms.

The Field Reporting Facility (aka FRF) is located behind the SMUD Headquarters building: go under the Light Rail overpass, then to the left about 150 yards.

Directions:

Heading East: From downtown Sacramento, head east on Highway 50, exit at **59th Street**. This exit will take you up-and-over Highway 50. Go straight at the first intersection, travel about a half mile. On your left (north) is the SMUD Headquarters building, the next building is the Customer Service Center.

Heading West: From Placerville, take Highway 50 to Sacramento and exit at **65th Street**. Go straight about one block after the first intersection. The Customer Service Center is the four-story building on your right (north).

You should be able to find parking spaces for visitors located in the area between the two buildings. There is also parking available in a parking lot on Folsom Blvd. behind the SMUD complex.

If you need assistance to find the Rubicon Room, Timberline 1,2,& 3, Sequoia 1,2,& 3, Forestview 1,2, & 3, and the Hydro Relicensing's Conference Room located on the third floor of the Northwest wing, see the guard at the lobby desk. The Headquarters Customer Center (HCC) room is located in the Headquarters building opposite the board of directors Auditorium in the first floor. Drive Safely.

Note: *Downloadable maps can be found at hydrorelicensing.smud.org/meetings/meet_loc.htm*

SMUD HEADQUARTERS AND CUSTOMER SERVICE CENTER

Relicensing Parking Lot Locations



**Sacramento Municipal Utility District (SMUD)
Upper American River Project (UARP) Hydro Relicensing Project**

**Cultural Resources
Technical Work Group (TWG) Meeting**

**SMUD Customer Service Center, 6301 "S" Street - Timberline 1/2/3
Sacramento, California**

**October 1, 2004
1:00 p.m. – 4:00 p.m.**

Agenda

| Time | Topic |
|-------------|---|
| 1:00 p.m. | Introductions |
| 1:05 | Review agenda |
| 1:10 | Discussion and approval of revised Archaeological Resources Inventory Report |
| 2:00 | Discuss triage approach for monitoring known sites within the APE |
| 3:00 | Discuss PM&E language for possible consideration at the upcoming October 6 Settlement Negotiation Group |
| 3:55 | Next meeting date and agenda |
| 4:00 | Adjourn |

UARP Hydro Relicensing

Cultural Resources Technical Working Group

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**Upper American River Project (UARP)
Cultural Resources Technical Working Group (TWG)
Meeting Summary**

October 1, 2004; 1:00 p.m. – 4:00 p.m.

**Sacramento Municipal Utility District (SMUD)
Customer Service Center (CSC), Timberline 1/2/3
6301 “S” Street, Sacramento, California**

Summary

The Cultural Resources Technical Working Group (TWG) met on October 1, 2004 at the Sacramento Municipal Utility District (SMUD) Customer Service Center (CSC) in Sacramento, California. Participants in attendance included:

- Denise McLemore, US Forest Service (USFS)
- Krista Deal, USFS
- Lon Maier, SMUD
- Richard Deis, EDAW
- Steve Heipel, EDAW
- Virginia Crespo, El Dorado County

The Cultural Resources TWG met to accomplish the following tasks:

1. Discuss and approve the draft Archaeological Inventory Report
2. Discuss “triage” approach to monitoring known archaeological sites within the APE
3. Discuss PM&E language for consideration by the Settlement Negotiation Group (SNG) for inclusion in the license application
4. Next meeting date/agenda

All agenda items were accomplished. Two additional agenda items were added: meeting summary approval for the April 21, 2004 meeting and a discussion of the Cultural TWG “goals and objectives”.

Discussion topics/questions

During the meeting, the following topics/questions were discussed.

Approval of the April 21, 2004 meeting summary. The meeting summary of April 21 2004 was approved without comment.

Discuss and approve the draft Archaeological Inventory Report. The draft Archaeological Inventory Report has undergone continued revision with the inclusion of the revised background section (“Expanded Cultural Resources Context”). Since the last iteration, EDAW has made a number of changes at the request of USFS:

- Management Summary – A summary paragraph discussing the number of sites within the FERC project boundary was included, and information on the Iowa Hill Pumped Storage Facility was incorporated.
- Introduction – This section of the report was re-written to focus on the inventory efforts within the FERC boundary and at the proposed Iowa Hill Pumped Storage Facility. The additional survey at Pleasant Lake is also noted.
- Archaeological Setting – This section of the report has been replaced with the “expanded background section” distributed for agency review and comment earlier this year.
- Methods – A table depicting reservoir levels at the time of archaeological survey has been incorporated to support the information provided on the survey coverage maps. The inventory methods employed at the proposed Iowa Hill Pumped Storage Facility have been included.
- Results – The discussion in this section of the report was revised to present a tabular summary of sites within the APE, followed by a discussion based on each of the project developments. The results of survey for the Iowa Hill Pumped Storage Facility are included in the final report under the Slab Creek Development. In addition, newly discovered sites FS 05-03-55-631 and -615 are incorporated within the report.

The locations of sites FS 05-03-55-202 and 56-215 relative to the APE were re-assessed and both were confirmed to be outside of the project boundary. Therefore, these two resources were not included in the revised report.

- Summary and Recommendations – A summary of the types and nature of project-related impacts is included in table format.
- Appendices – Appendices were revised and enhanced to include tabs (by development) and title pages. Site documentation is now provided in a separate bound appendix.

USFS had a number of minor comments on the revised draft. It was agreed that the comments would not warrant a subsequent reproduction of the report; distributed reports will be gathered up by SMUD, returned to EDAW, and the appropriate pages be replaced and returned to recipients.

Agreement: With the recommended changes incorporated, the TWG approved the Archaeological Resources Inventory Report. **Action Item:** EDAW will make report changes and provide revised documents to recipients.

Discuss triage approach for monitoring known sites within APE. EDAW provided a discussion of the approach proposed for monitoring sites within the APE. The

purpose of this effort is to address 1) Reaching agreement on sites being affected by project-related activities (e.g., reservoir fluctuation, operations/maintenance activities such as transmission line maintenance, and impacts from recreational uses); 2) Reaching resolution on site evaluations; 3) Deciding on preparation of the Historic Resources Management Plan (HRMP). A handout was distributed that summarized the approach as follows:

- **Introduction**

The management of the 87 known archaeological sites within the Area of Potential Effects (APE) established for the UARP will be implemented through a Historic Properties Management Plan (HRMP). The HRMP will address: 1) the requirements of Section 106 of the National Historic Preservation Act and the regulations implementing Section 106 (36 CFR 800); 2) other federal laws, regulations, and policies relevant to those sites within the APE that are on lands managed by the Eldorado National Forest (ENF); 3) the management principles described in the *Framework for Archaeological Research and Management* (FARM); and 4) the agreed-to goals and objectives of the Cultural Resources Technical Working Group. Managing the known sites within the UARP needs to be implemented in recognition of the responsibilities of SMUD in the operation and maintenance of the hydroelectric facilities.

- **Management Objectives**

The goal of the HRMP will be to provide a legally adequate, adaptive approach to site management that: 1) defines methods to identify current and future project-related impacts to sites that are, or may be, eligible for inclusion in the National Register of Historic Places (NRHP); 2) establishes management options for addressing project-related impacts to these resources; and 3) provides for periodic review and revision of the HRMP to address future, unknown scenarios (e.g., new state or federal laws protecting cultural resources).

Within the context of the FARM, the objective of archaeological site management hinges on the nature and strength of the cultural values of the identified resources, when weighed against the desired condition and use of that resource based on other issues such as public interest. The decision-making process defined in the FARM addresses the need to balance the desire to preserve all archaeological resources against the need to manage public land in consideration of other interests, and establishes a process for making these decisions.

- **Project-Related Impacts**

There are three classes of project-related impacts that must be considered in the HRMP: 1) impacts from the maintenance and operation of the hydroelectric facilities (e.g., shoreline erosion from reservoir fluctuation, impacts from transmission line maintenance); 2) impacts from recreational use of the project area (e.g., campground and trail maintenance, recreational uses resulting in vandalism); and 3) impacts that could occur as a result of future proposed actions (e.g., a new

hydroelectric facility). Each of these potential impact mechanisms must be considered and address in the HRMP.

- **Management Options**

Three basic site management options are under consideration: 1) No Action; 2) Site Monitoring; and 3) Implementation of Site-Specific Treatment. Each of these is further defined below. A diagram illustrating the basic approach to determining the appropriate management option is indicated on the attached page.

- **No Action**

Six of the archaeological sites have been formally evaluated against the criteria for inclusion in the NRHP (36 CFR Part 60.4). Each of those six sites has been determined to be ineligible. No specific management action is proposed at these locations.

- **Site Monitoring**

A tiered program of site monitoring at 3-, 5-, and 10-year intervals is being considered for the HRMP. The monitoring program proposes different frequencies of monitoring based on the nature and magnitude of project-related impacts. For example, at sites where no project-related impacts have been identified (26 of the known 80 unevaluated sites) monitoring at 10-year intervals is deemed sufficient, unless future modifications to the operation or maintenance of the UARP are proposed that could affect those resources. Where project-related impacts to potentially significant site values are determined to be minor (e.g., a historic ditch segment subject to some infilling), monitoring at a 5-year interval is planned. Where the nature and magnitude of project-related impacts to potentially significant site values is deemed moderate (e.g., lithic scatters subjects to reservoir fluctuation without active erosion), a 3-year monitoring interval is proposed. An annual report would be prepared and submitted by SMUD to document the monitoring efforts and the results of the site monitoring program. A standardized form to document the site monitoring efforts will be developed in conjunction with the HRMP.

The HRMP will anticipate that revisions to these monitoring frequencies will be made over time. For example, a site schedule for monitoring on a 5-year basis may be found to be subject to a higher or lower level of anticipated threat. Under this scenario, the management option for this site may be changed to 10-year monitoring, 3-year monitoring, or site-specific treatment such as implementation of the CARIDAP (California Archaeological Resource Identification and Data Acquisition Program). Protocols for how these changes in management for a particular site would be made will be described in the HRMP.

In addition to the standard monitoring program defined above, in a limited number of cases, the nature and magnitude of potential project-related impacts is not currently known. This includes two sites that could not be relocated in recent inventory efforts, and two sites that were recorded from historical documents, rather than field

observations. In those instances, site re-visits are planned to better document the resource and make a specific assessment as to the appropriate management option.

- **Site-Specific Treatment**

In situations where project-related impacts are believed to have a high potential to adversely affect significant site values (e.g., complex prehistoric sites undergoing active shoreline erosion from reservoir fluctuation), a site-specific treatment plan would be developed. This site-specific treatment may include modifying project-related actions that cause the impact (e.g., realigning an access road), conducting a formal evaluation of the site against the NRHP eligibility criteria, installation of protective devices (e.g., closing public access), more intensive monitoring, or data recovery. The need for, and timing of, the development of these site-specific treatment options will be addressed in the HRMP.

- **Review and Update of the HRMP**

In accordance with guidelines established by the Federal Energy Regulatory Commission (FERC), the HRMP will include a periodic review process that will allow for the updating and revision of the HRMP so that the document and the management of the archaeological sites within the UARP remain effective and current.

Agreement: The proposed triage approach to monitoring sites was agreed to by the TWG as being appropriate. **Action Item:** EDAW will develop a table for USFS review that identifies all applicable sites and the criteria used to evaluate project effects in regards to the monitoring triage proposal (by October 27, 2004).

Agreement: A field visit will be made to assess the archaeological sites at Camino Cove on October 27, 2004. Lonn Maier will check to see if Bill Dancing Feather or others can participate.

Cultural Resources Goals and Objectives. During the August 5, 2004 Settlement Negotiations Group (SNG) meeting, the USFS requested that each TWG develop “goals and objectives” to accompany recommendations and “conclusions” that were ultimately to be referred to the SNG. The following resource goal and objectives were proposed to and accepted by the Cultural Resources Technical Working Group (TWG). These were developed taking into consideration federal laws, agency mandates, SMUD’s responsibilities, and the goals of other interested parties. It is recognized that factors beyond SMUD’s control could affect attainment of these objectives and that some or all of the objectives may not be achievable within the PM&E measures.

Cultural Resources Goal. Archaeological sites, areas of traditional and sacred concern to Native Americans, and historical structures associated with the UARP may be eligible for inclusion in the National Register of Historic Places (NRHP). Protect, maintain, or enhance the values of cultural resources eligible for the NRHP within the Area of Potential Effects (APE) for the UARP.

Cultural Resources Objectives: Archaeological Sites. Support the protection and management of NRHP-eligible sites within the APE by adopting and implementing a Historic Properties Management Plan (HPMP) in accordance with Section 106 of the National Historic Preservation Act and consistent with the *Framework for Archaeological Research and Management on the National Forests of the North-Central Sierra Nevada*.

Areas of Traditional and Sacred Concern. Enhance opportunities for the pursuit of traditional Native American plant-gathering activities within the UARP.

Historical Structures. Develop a protocol for the inventory and evaluation of structures within the UARP to assess potential NRHP eligibility over the course of the new license, and incorporate this protocol in the HPMP.

Discuss PM&E language for consideration by the Settlement Negotiation Group (SNG) for inclusion in the license application. Ultimately some language relative to protection, mitigation and enhancement (PM&E) will be developed that will be included in the license application. As agreed during the meeting, this language should contain references to the following:

- Site specific data
- Proposed treatment measures
- Proposed monitoring for the license term
- Needed data recovery efforts
- Proposed site protection efforts
- Any site interpretation needed
- Enhancement opportunities
- Ongoing operations and maintenance of project that may influence site
- Designated cultural resource person at SMUD to coordinate above activities

Action Item: Lonn will send out some draft language for review by the group that encompasses these references.

Other Action Items: 1) EDAW and SMUD will schedule a field trip to Buck Island Reservoir to assess/inventory the island for cultural resources. This is tentatively scheduled for October 20th. 2) Follow-up interviews have been completed for the Ethnography technical report. This document will be issued within 2-3 weeks.

Future meeting dates. None determined

Attachments with this Summary

1. Draft Cultural Resource Goals and Objectives
2. Site Management Decision Process discussion
3. Site Management Decision Process flow chart
4. Summary of Report Revisions

These documents may be found at

<http://eurekasw.sharepoint.bcentral.com/UARP/Cultural%20TWG/Forms/AllItems1.aspx?RootFolder=%2fUARP%2fCultural%20TWG%2fOctober%201%2c%202004%20mtg&View=%7b21FBA9D6%2d94B0%2d4C75%2dA3CF%2d1629382192F8%7d> .

Other Items. None.

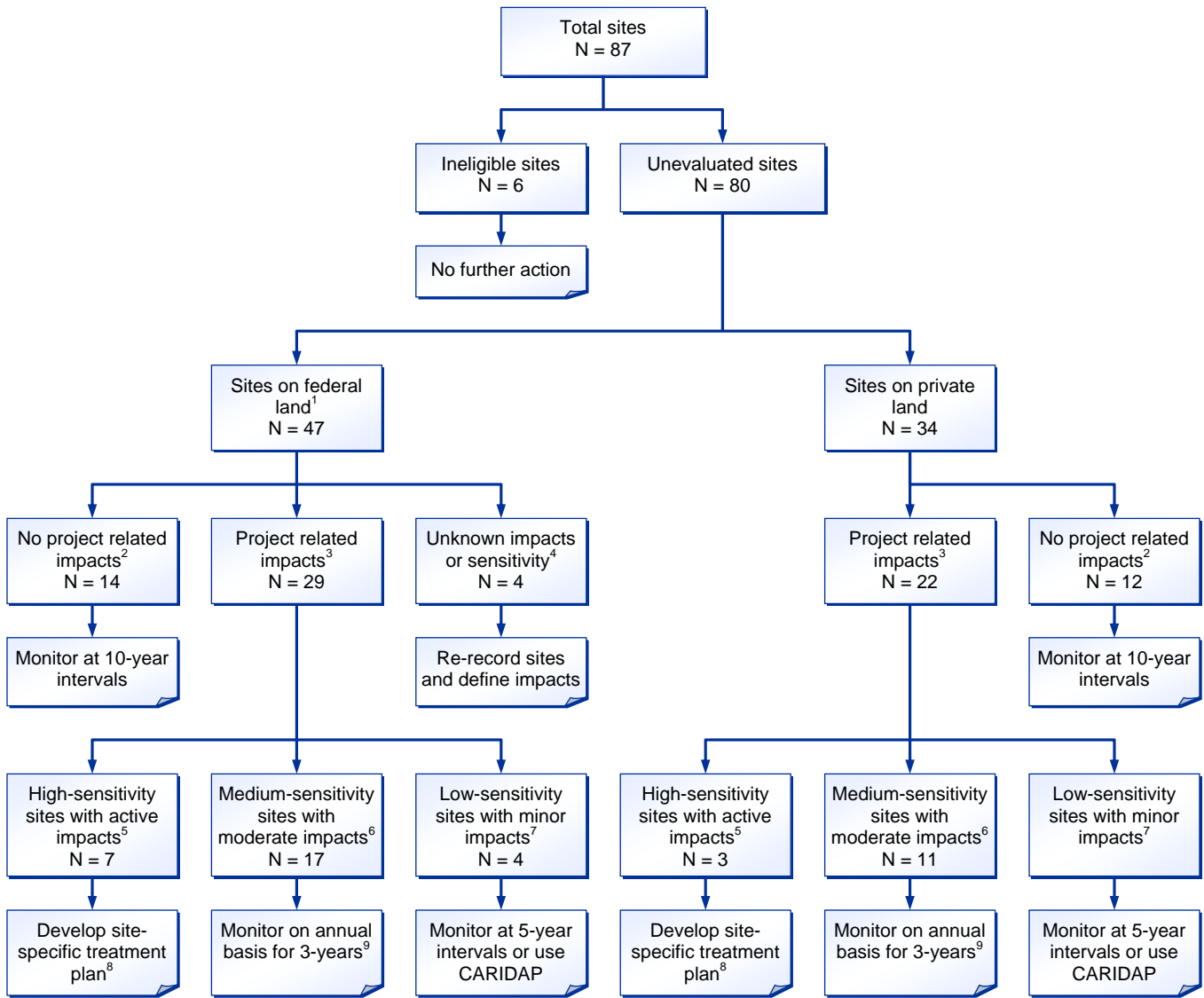
These summaries are not intended to be a transcript of the meeting, but only to serve as a brief synopsis. Please provide any comments you may have regarding these summaries to Imaier@smud.org.

"The Licensee shall, within one year of license issuance, complete a Historic Resources Management Plan (HRMP) in accordance with the guidelines issued by the Commission and the Advisory Council on Historic Preservation and provide a draft of the HRMP to the Forest Service, Indian tribes, and State Historic Preservation Officer (SHPO) for a 30-day review and comment period. This document will address the following:

- Description of project operations and maintenance activities that could influence site values
- Program of site-specific treatment measures such as protection or data recovery
- Program of site monitoring for the license term
- Site interpretation and enhancement opportunities
- Identification of designated cultural resource person at SMUD to implement the HRMP
- Procedures for reviewing and updating the HRMP

Within 30 days of the end of that review and comment period, the Licensee shall file the HRMP, including evidence of consultation, with the Commission and shall implement those resource management measures approved by the Commission."

Site Management Decision Diagram



Footnotes

- ¹ Includes sites that are on both federal land and private property.
- ² Includes sites where no impacts were observed, and those where only impacts are due to natural processes such as sheet erosion.
- ³ Includes sites subject to reservoir fluctuation and/or inundation, and recreation impacts (including OHV use).
- ⁴ Includes two sites recorded from historical documents and two sites not relocated during the recent survey.
- ⁵ Includes complex prehistoric sites (e.g., with lithics, groundstone, BRMs, and likely subsurface deposits) undergoing active impacts such as erosion from reservoir fluctuation.
- ⁶ Includes prehistoric sites such as lithic scatters subject to reservoir fluctuation and/or recreational impacts and historic sites such as named ditches subject to filling or other impacts.
- ⁷ Includes prehistoric sites such as BRMs subject to reservoir fluctuation and ditches, roads, and fences subject to impacts such as recent repairs, paving, and deterioration.
- ⁸ Site-specific treatment plans could include excavation and evaluation, intensive monitoring, installation of active protective devices, etc.
- ⁹ At end of the monitoring program, sites would be recommended for site-specific treatment plan or monitoring at either a 5-year or 10-year interval.

UPPER AMERICAN RIVER PROJECT

FERC Project No. 2101

Archaeological Site Management Decision-Making Process

Introduction

The management of the 87 known archaeological sites within the Area of Potential Effects (APE) established for the UARP will be implemented through a Historic Properties Management Plan (HPMP). The HPMP will address: 1) the requirements of Section 106 of the National Historic Preservation Act and the regulations implementing Section 106 (36 CFR 800); 2) other federal laws, regulations, and policies relevant to those sites within the APE that are on lands managed by the Eldorado National Forest (ENF); 3) the management principles described in the *Framework for Archaeological Research and Management* (FARM); and 4) the agreed-to goals and objectives of the Cultural Resources Technical Working Group. Managing the known sites within the UARP needs to be implemented in recognition of the responsibilities of SMUD in the operation and maintenance of the hydroelectric facilities.

Management Objectives

The goal of the HPMP will be to provide a legally adequate, adaptive approach to site management that: 1) defines methods to identify current and future project-related impacts to sites that are, or may be, eligible for inclusion in the National Register of Historic Places (NRHP); 2) establishes management options for addressing project-related impacts to these resources; and 3) provides for periodic review and revision of the HPMP to address future, unknown scenarios (e.g., new state or federal laws protecting cultural resources).

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Draft

Cultural Resource Goals and Objectives

Cultural Resources Technical Working Group

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Cultural Resources Objectives

Archaeological Sites

Support the protection and management of NRHP-eligible sites within the APE by adopting and implementing a Historic Properties Management Plan (HPMP) in accordance with Section 106 of the National Historic Preservation Act and consistent with the *Framework for Archaeological Research and Management on the National Forests of the North-Central Sierra Nevada*.

Areas of Traditional and Sacred Concern

Enhance opportunities for the pursuit of traditional Native American plant-gathering activities within the UARP.

Historical Structures

Develop a protocol for the inventory and evaluation of structures within the UARP to assess potential NRHP eligibility over the course of the new license, and incorporate this protocol in the HPMP.

UPPER AMERICAN RIVER PROJECT (UARP) FERC Project No. 2101

Revisions to the July 2, 2003 Draft Cultural Resources Inventory Report Incorporated in the September 2004 Archaeological Resources Inventory Report

Management Summary – A summary paragraph discussing the number of sites within the FERC project boundary was included, and information on the Iowa Hill Pumped Storage Facility was incorporated.

Introduction – This section of the report was re-written to focus on the inventory efforts within the FERC boundary and at the proposed Iowa Hill Pumped Storage Facility. The additional survey at Pleasants Lake is also noted.

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Appendices – Appendices were revised and enhanced to include tabs (by development) and title pages. Site documentation is now provided in a separate bound appendix.