



Recreation Resources / Aesthetics Technical Working Group Workshop

Date:

Time:

Location:

Directions

Parking:

Discussion Topic:

Draft Agenda

Attendees

Final 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
Recreation and Aesthetics Technical Work Group Meeting
August 9, 2004**

draft Agenda

Meeting Location: SMUD's Customer Service Center, Timberline 1 & 2
Time: 9:00 am – 4:00 pm

The purpose of this meeting is for SMUD to consult with the Eldorado National Forest on the below items related to additional needs for report adequacy of the Demand, Visitor Use and Impact and Supply technical reports. All interested participants are welcome to attend. The numbers listed below correspond with the specific additional need item as developed by the Recreation TWG at the July 28 and 29, 2004, meeting.

9:00 am

Demand

6. The demographic info that was collected in the visitor survey effort should be included in the report - length of stay, frequency of visits, number in group, etc., discuss more with ENF.
8. Consult with ENF on who else should be interviewed.
12. Use estimates will be explained in the text. Off-line discussions need to occur with ENF to modify use estimates (i.e., develop a range).
14. Include the reporting of the turn-away days (as analyzed in consultation with the ENF).


Visitor Use and Impact




4. Use estimates will be explained in the text. Off-line discussions need to occur with ENF to modify use estimates (i.e., develop a range).
9. Inconsistencies in tables will be discussed off-line with ENF.
11. Activities data to be analyze and presented using alternative, more rigorous statistical methods (e.g., p 48 4.4-16) to be discussed off-line with ENF.

Recreation Supply

No discussion items were listed for Supply. However, item 6 is the ENF to provide edits in track changes mode for paragraph 2, page 14, concerning the Rubicon OHV Trail; mileage for ski trails in Crystal Basin; and for section 4.2, most changes will come in first three pages.

UARP Hydro Relicensing**Recreation Resources Technical Working Group**

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

Recreation and Aesthetics TWG Meeting Summary

August 9, 2004

A subgroup of the Recreational Resources and Aesthetics Technical Working Group (TWG) met on August 9, 2004. The participants were:

- Kelly Bricker, Devine Tarbell and Associates (SMUD Consultant)
- Joe Davis, SMUD
- Carol Efir, The Louis Berger Group (SMUD Consultant)
- Gale Higgins, SMUD
- Lester Lubetkin, Eldorado National Forest
- Jeff Marsolais, Eldorado National Forest

The subgroup met to address specific additional need items for technical report adequacy developed by the Recreation TWG on July 28 and 29, 2004, which required additional consultation with the ENF. The subgroup agreed on the following:

Supply Technical Report

1. Transmission line roads

Maps: Show powerline corridors. Show project access roads in one color. Adjust scale, take off reference to administrative use. Include 3rd map (lower UARP area). Shade the powerline corridor to help it stand out.

Text: recognize use, ID existing types of problems that exist, reference finding from the other studies that inform this – sources of sediment study.

2. Reservoir level graphs

For all reservoirs excluding Robbs Forebay and Camino Reservoir, graph 1975 to 2001 daily elevation data, showing each year from left to right on the x axis, elevations on y axis. Include horizontal lines for: boat ramp useable elevation line for all paved ramps (including Yellowjacket Boat Launch), and full pool line. Show water year type in a bar across the top of the graph. Attachment A describes additional detail for the desired graphs, which was developed by Dudley McFadden, SMUD, based on his conversation with Lester Lubetkin, ENF, during the August 10, 2004, Recreation TWG meeting.

Demand Technical Report

1. Others who should be interviewed

Include information from additional businesses who supply visitors with gear, etc. to more traditional and base level gear, e.g., Fisherman's Warehouse, Wild Sports. Also RV suppliers such as Dan Gamel RV.

Include information from regional providers such as State Parks (Folsom Lake), EID Sly Park, Lake Tahoe providers (Tahoe Basin staff), City of South Lake Tahoe.

2. Demographic information

Use unweighted data set and present demographic information by reservoir (pull-out the group interview data when presenting group size).

Reflect on NVUM ethnic data for the Crystal Basin (include statement clarifying that the intent of this data was to be a subset of larger ENF survey effort). ENF will pursue acquiring the NVUM data set collected at the developed sites in the Crystal Basin. Reflect on EID survey demographic data, draft license application, Appendix L (south of highway 50). Qualify the limitations of these data.

3. Presentation of turn-away data

Use turn-away information from 2004 RIM data from concessionaire (June and July). Add section on turn-away days, characterize typical use patterns, heaviest on weekends and holidays, present in three categories facility-by-facility: weekday, non-holiday weekend, and holiday weekends. Reference also that interviews with hosts support this.

Visitor Use and Impact Technical Report

1. Analysis of activities data

Add new section on results of activities data. Show activities by facility/resource area, including all listed activities (primary-tertiary) show activities by reservoir, show activities by similar facilities (West Point and Camino Cove campgrounds). Put this section in the Demand Study Report as well.

2. For tables such as 4-13 and 4-14, show the entire scale; and include info to reflect range of responses.

3. Use estimates. Approach to utilize compartmentalized use estimates to provide a broader representation of Crystal Basin use was approved. Compartments and data sources include:

Reservoirs:

a. Shoreline dispersed use around the four primary Project reservoirs – use ENF 2002 dispersed data. Data Source: **ENF to provide data.**

b. UARP Fee Campgrounds that are operated by concessionaire. Data Source: (RIM data used in preparing the original reports) – fairly reliable and acceptable to use (as is) in the revised reports.

c. UARP Non-fee Campgrounds. Data Source: less reliable, however acceptable to use (as is) in the revised reports.

d. UARP Day Use facilities (Boat Launch and Picnic). Data Source: revise this estimate to include range 1.0 –1.5 times the figures provided in the original reports.

e. Shoulder season use for UARP developed facilities – develop an estimate of use based on use counts by ENF 1996 & 1997. Data Source: **ENF to provide and explain the figures and calculations.**

f. Reservoir surface. Data Source: it is acceptable to use an estimate based on SMUD 2002-03 counts but describe limitations of these use counts that are provided in the reports.

g. Three private camps. Data Source: the 13,500 use estimate included in the original reports is acceptable to use in the revised reports.

Other:

h. Rubicon OHV trail: current known estimate is 35,000 to 70,000 visitors, however El Dorado County has collected more recent data. Data Source: **ENF to provide latest estimates.**

i. Zone 3 area use. Data Source: incorporate 2004 dispersed use counts for this segment of the use estimate from SMUD's Zone 3 survey effort.

j. Dispersed camping (not Zone 3) generally within ¼ mile from shoreline. Data Source: review both 2002 ENF dispersed data and 2002 dispersed use data collected by SMUD.

k. Winter use. Data Source: estimates are acceptable to use in the revised reports.

l. Loon Lake Chalet. Data Source: Spring, summer and fall use estimate from permits (for table 4.2-1). **ENF to provided this information.**

m. Huts. Data Source: Use estimates for the 3 huts, including Loon Chalet, by season. **ENF to provided this information.**

n. Wrights Lake area and other ENF campgrounds in the Crystal Basin (e.g., Silver Creek Campground) – no need to include use estimates for these facilities in the revised reports. Data Source: none.

o. Canyonlands: Data Source: reports will be revised to have use estimates in the Canyonlands broken out by reservoir based on the existing use estimates. Provide information in the reports

on the time of day when observations were made. Also include 2004 vehicle counts for Slab Creek Reservoir.

p. High Country. Data Source: develop a use estimate for the High Country based on the 2004 dispersed use counts from SMUD's Zone 3 survey effort.

q. Interpretation and Education sites. Data Source: **ENF to provide use estimates.**

Attachment A

Reservoir elevation fluctuation tables to be added:

For each reservoir (excluding Robbs Forebay and Camino Reservoir), provide a water surface elevation plot:

- This consists of the end-of-day elevation values over the period of record, as far back as data are readily available. The scale will be set to bracket the range of values (different for each reservoir).
- Data points are connected with lines, the points are not shown.
- Purpose is to provide all daily data on one sheet, with little interpretation.
- Zoom in on the horizontal scale to show just the period of record (e.g. 1991-2000).

Also, for Union Valley, Loon Lake, and Ice House, provide this plot for each:

- Plot daily values for the water year (October–September)
- Show the 5%, 50%, 95% exceedance elevations and the average elevation.
- Show elevations that are critical for the various paved boat ramp(s).

Also, for Rubicon, Buck Island, Junction, Gerle Creek, Brush Creek, and Slab Creek, provide this plot for each:

- Show a year with the most variability (highest variance in the data) and a year with the least variability (lowest variance): the daily values plotted against the water year October–September).
- Show the monthly 5% and 95% exceedance elevations
- Show the lower usable end of the paved boat ramp