

**MEETING NOTES**

**ALABAMA POWER COMPANY  
MARTIN RELICENSING**

**BETTY CAROL GRAHAM CENTER  
MARCH 11, 2009**

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**ATTENDEES:**

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<b>Name</b>	<b>Organization</b>	<b>Name</b>	<b>Organization</b>
Jim Crew	Alabama Power	Rob Southwick	Southwick Associates
Kelly Schaeffer	Kleinschmidt	Dave Anderson	Kleinschmidt
Billy Edge	Alabama Power	Walter Ramey	Alabama Power
Tom Lamberth	Lake Martin Resource Association (LMRA)	Nick Nichols	Alabama Department of Conservation and Natural Resources (ADCNR)
Charles Borden	LMRA	Chris Greene	ADCNR
Larry Tuggle	LMRA	Jim Lochamy	Alabama Power
Steve Forehand	LMRA	Henry Mealing	Kleinschmidt
Jesse Cunningham	Lake Martin HOBO	Dave Heinzen	Lake Martin HOBO
Dick Bronson	Lake Watch	Charles Stover	Alabama Power
John Glasier	Lake Watch	Eric Reutebach	Auburn University

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**ACTION ITEMS:**

- Continue with socioeconomic study and associated tasks necessary to complete the study
- Alabama Water Watch/Auburn Univ. to provide cost estimate for collection and processing of additional nutrient samples during 2009.

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*These notes summarize the major discussion items and are not intended to be a transcript or analysis of the meeting.*

Dave Anderson explained that the purpose of the meeting was to allow the stakeholder groups to meet with Rob Southwick, whose company (Southwick Associates) has been selected to perform Study 12 (g) - Effects of Increasing Duration of Summer Pool and Level of Winter Pool on Recreation Use and Selected Economic Indicators at Lake Martin, Alabama (socioeconomic study).

Jim Crew then provided a brief synopsis of the FERC relicensing process for Martin and how Alabama Power had arrived at the need to conduct a socioeconomic study in response to stakeholder comments on previous versions of the study plans.

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Rob Southwick then gave a brief overview of Southwick Associate's proposal to complete the study and reviewed the three components of the survey - the recreational user survey, the property owner survey, and the business model.

The group then discussed the methods of the recreational user survey. Several stakeholders wondered how the study would be able to completely estimate expenditures via questionnaires. Rob explained how the sampling would work and how sampling is used to estimate population level variables. The group also discussed how the proposed sampling plan will include recreation use from shoreline residences since people within 10 feet of the shoreline are eligible to be sampled.

The group then discussed the property owners' survey and data available on property owners. LMRA representatives told the group about a study they are conducting on regional economics. LMHOBO members talked about some data they had collected from local tax offices on the number of properties surrounding the lake. The group also discussed the availability of homestead exemption information and how it may help determining full time versus part time residents.

Meeting participants talked about the business model and the types and availability of data from the counties around Lake Martin. Rob explained how the business model will work. The group decided the scope of work that Southwick is conducting will provide valuable information on recreation and economic effects of a possible rule curve change.

After the discussion on the socioeconomic study was finished, several meeting participants left as the conversation turned to the water quality study and possible collection of nutrient data on Lake Martin.

Nutrient Sampling on Lake Martin – 2009

Lake Watch of Lake Martin proposed the following sampling plan for 2009. Using standard methods, sample 13 sampling sites on Lake Martin once a month from April through October (7 samples). Lake Watch of Lake Martin will support the collection of this data with boats, sample collection, and transport to Alabama Water Watch/Auburn University for processing.

Water Quality parameters to be collected are:

Chlorophyll-a	alkalinity	hardness
total phosphorus (TP)	turbidity	conductivity
total nitrogen (TN)	water temp	pH
soluble reactive phosphorous (SRP)	dissolved oxygen	
total suspended solids (TSS)	Secchi disk visibility	

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Table 1 and Figure 1 describe and depict the location of the 16 sampling stations to be sampled during 2009.

Table 1. Location of 16 sampling stations on Lake Martin.

<b>TWP</b>	<b>ADEM</b>	<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>
1	.	BIG KOWALIGA CREEK @ CEDAR POINT	32.79167	-85.99250
2	.	LITTLE KOWALIGA CREEK @ NERO'S POINT	32.73833	-86.01194
3	.	BIG KOWALIGA CREEK @ CASTAWAY ISLAND	32.72000	-85.93917
7	.	BLUE CREEK @ STILLWATERS MARINA	32.73465	-85.82030
10	10	SANDY CREEK 1 MILE UPSTREAM OF MAINSTREAM	32.80415	85.85423
11	.	SANDY CREEK @ SMITH LANDING	32.79250	-85.81750
12	9	MANOY CREEK EMBAYMENT	32.83389	-85.84140
14	.	MAINSTREAM @ BAY PINE ISLAND	32.83917	-85.89000
15	.	DENNIS CREEK EMBAYMENT	32.86112	-85.89643
17	.	ELKAHATCHEE CREEK BELOW ABBOTT HIGHWAY BRIDGE	32.87122	-85.91787
18	8	ELKHATACHEE CR. ½ MILE BELOW SUGAR CR. CONFLUENCE	32.87806	-85.94360
19	.	MAINSTREAM @ HIGHWAY 280 BRIDGE	32.90022	-85.88747
20	7	COLEY CREEK EMBAYMENT (ADEM SITE 7-slightly moved)	32.92760	-85.88000
21	1	TALLAPOOSA RIVER MARTIN DAM FOREBAY	32.68647	-85.91070
22	2	TALLAPOOSA RIVER UPSTREAM OF BLUE CREEK	32.73437	-85.88740
25	5	TALLAPOOSA RIVER UPSTREAM OF COLEY CREEK	32.93361	-85.86690

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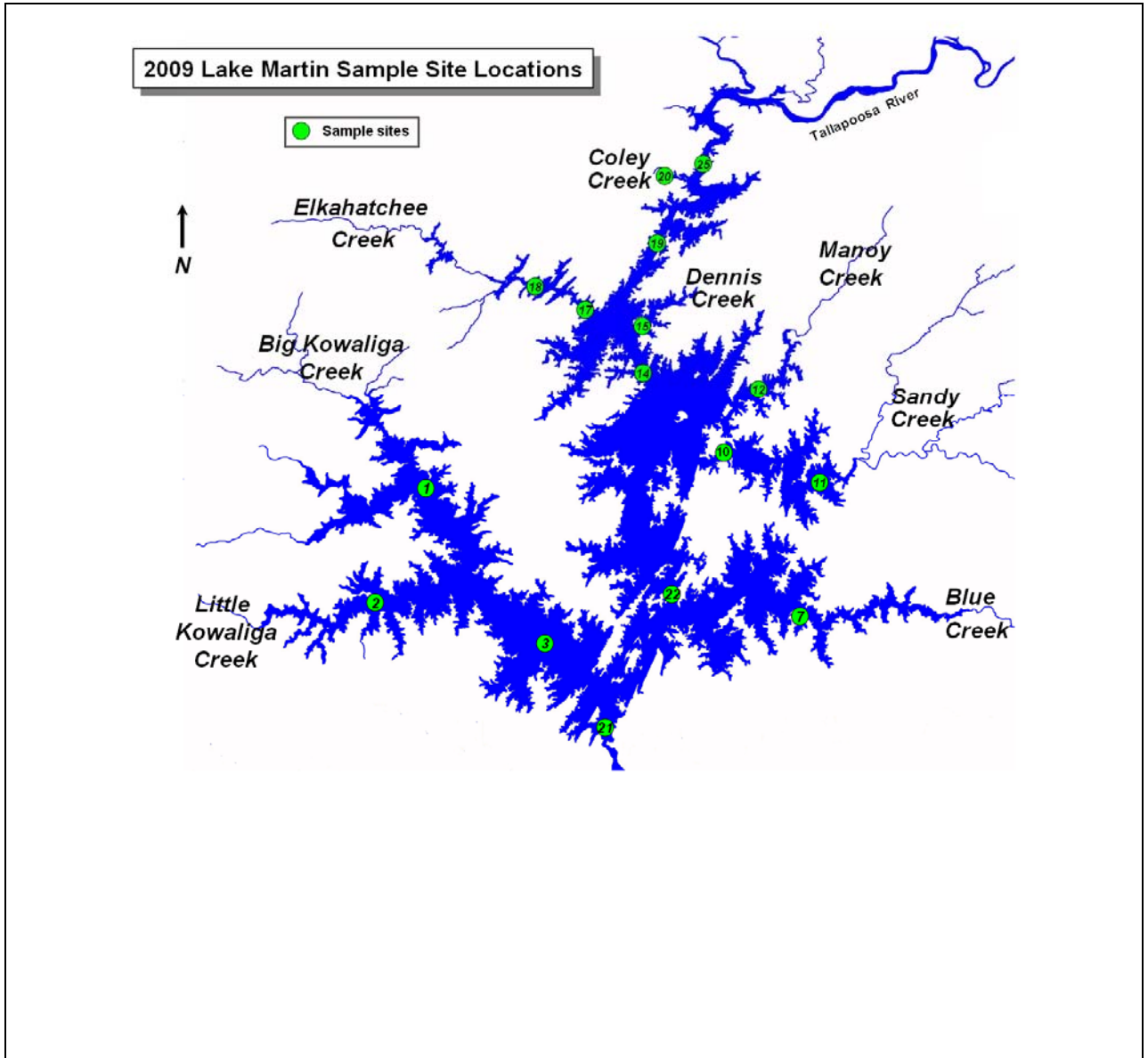


Figure 1. Water quality sampling locations on Lake Martin during the growing season (April-October) 2009.

The group discussed this proposed sampling plan and the group agreed to get a specific quote for the cost of the study. Estimates for the study were approximately \$40,000. If the final cost estimate for the study is in this range, Alabama Power would be agreeable to fund the additional sampling during 2009.

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End of meeting.