

**MEETING NOTES**

**ALABAMA POWER COMPANY  
MARTIN RELICENSING  
MIG 2**

**BETTY CAROL GRAHAM TECHNOLOGY CENTER  
MARCH 30, 2010**

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**ATTENDEES:**

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<b>Name</b>	<b>Organization</b>
<b><u>MIG 2</u></b>	
Jim Crew	Alabama Power
Nick Nichols	ADCNR-WFF
Joe Addison	ADCNR-WFF
Mark Tuggle	Alabama Power
Chris Greene	ADCNR- WFF
John Glasier	Lake Watch
Dick Bronson	Lake Watch
Jesse Cunningham	Lake Martin HOBO
Carey Mulligan	Lake Martin HOBO
David Winsor	Lake Martin HOBO
Sinem Gokgoz-Kilic	Alabama Power
Judy Takats	WWF
Matt Rice	American River
Chad Shaw	CEWSA
Bob Morris	CEWSA
Lynn Sisk	ADEM
Fred Leslie	ADEM
Pam McDaniel	Alabama Power
Ericha Nix	ADCNR
George Zorn	Lake Watch
Katie Cole	Lake Magazine
Mike Kensler	Auburn University
Angie Anderegg	Alabama Power
Henry Mealing	Kleinschmidt
Amanda Fleming	Kleinschmidt
Shane Boring	Kleinschmidt
Marshall Griffin	Alabama Power
Larry Tuggle	LMRA
Alan Peeples	Alabama Power
Brandon Phillips	Alabama Power

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**ACTION ITEMS:**

- Alabama Power will email erosion and sedimentation maps from the presentation to MIG 2 members
- Alabama Power will include an explanation of the gaps in continuous tailrace data presented in Study Plan 8 - Lake Martin Baseline Water Quality Report.

**MEETING NOTES:**

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

Jim Crew began the meeting with an overview of the Federal Energy Regulatory Commission (FERC) Integrated Licensing Process (ILP), reminding the group that Alabama Power must file the Martin license application in June of 2011. He encouraged those in attendance to give comments and ask questions on the reports and information distributed so far. Then Henry Mealing presented the goals of the day's meetings-briefly review the study results reported to date, discuss MIG member comments and questions, and discuss any suggested revisions.

**MIG 2 Water Quality and Quantity**

**Study Plan 11 Water Quantity, Water Use, and Water Withdrawals**

***Draft Water Quantity, Water Use, and Water Withdrawal Report***

- Alan Peebles presented the Draft version of Study Plan 11 and offered to answer questions.
- Bob Morris (CEWSA) asked how Alabama Power developed their water storage pricing. Alan explained that the storage value charge is based on the costs associated with impounding the required volume of water. The storage is actually leased and the charges are based on usage during the June through October critical storage period.
- John Glasier (Lake Watch) asked about future water demand predictions. Alan explained that these estimates are from the Alabama Office of Water Resources (OWR).
- Several stakeholders mentioned two possible reservoirs projects proposed on the Tallapoosa River. These projects would have to be approved as part of the Corp of Engineers Manual Update.
- Matt Rice (American Rivers) stated that his understanding is that OWR has begun recommending conservation measures to municipalities as part of permitted withdrawals. Alan stated that new Alabama Power permits for municipalities would include conservation measures recommended by the OWR.

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**Study Plan 9 Location of Regulated Discharges on Lake Martin**

***Final Location of Regulated Discharges on Lake Martin CD***

- Angie Anderegg (Alabama Power) reviewed the Final Report CD.
- Brandon Phillips (Alabama Power – GIS) was also available to assist stakeholders with any problems they might have installing and navigating ArcReader.

**Study Plan 10 Erosion and Sedimentation**

***Erosion and Sedimentation Progress Reports and Maps***

- Three handouts were distributed: Martin Erosion Survey table, Sites Likely to Experience Increase in Sedimentation table, and Thurlow Development Streambank Erosion Monitoring Report CD.
- Pam McDaniel (Alabama Power) was present to answer any questions on the information. She plans to have another draft out to the MIG 2 by the end of April 2010. Pam explained that she had used topography, location in relation to the main channel, land use, the shape of the erosion area, and the soil type to determine the cause of erosion
- Matt Rice (American Rivers) asked about the additional erosion sites downstream of Thurlow Dam. Alabama Power was originally trying to separate study plan 10 (reservoir only) and study plan 12b (downstream). However, FERC merged the scope of the two studies for baseline and Alabama Power will include erosion sites downstream of Thurlow Dam in the analysis for study plan 10.
- The Lake Martin Home Owners and Boat Owners (HOBO) group stated that it appeared each erosion site faced west and maybe the cause of erosion was predominant westerly winds. Pam noted that the erosion sites occurred predominantly on the main channels, which does suggest boat activity is the cause.
- Several stakeholders mentioned that some lakes have laws that restrict speeds in certain areas. Henry suggested that stakeholders could suggest those to the MIG 4 as part of the shoreline management plan.
- There are 19 sedimentation sites under review and 20 nuisance aquatic vegetation sites.
- Stakeholders asked Henry to define nuisance species. Henry said Alabama Power defined it according to the state laws. ADCNR has regulations that identify specific species as nuisance vegetation. These can be viewed at the following link.  
(<http://www.outdooralabama.com/education/generalinfo/ans/what.cfm>).
- Stakeholders also asked how Alabama Power deals with non-compliance with regards to erosion and sedimentation prevention practices. Illegal activities adjacent to the reservoir or within the project boundary that are causing sedimentation on the reservoir are documented and reported to the Alabama Department of Environmental Management (ADEM).

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**Study Plan 8 Baseline Water Quality**

***Draft Baseline Water Quality Report***

- Matt Rice (American Rivers) asked about DO results during periods of non-generation and how to determine those levels based on the information in the water quality report. Alabama Power is responsible for DO levels during generation and reported those in the Report. Angie Anderegg noted that DO levels should be fairly high in the Martin Tailrace during most of the year – both generation and non-generation.
- Judy Takats (WWF) thanked Alabama Power for presenting the information in an excel spreadsheet and inquired about the apparent gaps in data. Angie explained that the gaps are associated with both non-generation periods and periods when the water quality monitor failed quality control parameters.

***Nutrient Collections and Expected Date of Report***

- Dick Bronson (Lake Watch) asked if the nutrient data would be available to present at the Tallapoosa Watershed Conference on May 25. Henry stated that it may be available for presentation if Wendy Seesock gets a draft of the report to Alabama Power prior to the conference and they distribute it to the MIG 2 stakeholders and FERC– at that point it is public domain information.

**Water Quality Expert Panel**

- Alabama Power proposes to conduct an “Expert Panel” evaluation to help determine the effects of a potential rule curve change on water quality. They propose to use a Delphi technique and would like stakeholder input in selecting panel members and in developing a list of questions to answer.

**Additional Discussion**

- Stakeholders asked how the report results from all of the studies will be used in making decisions for the Martin license proposal. Henry stated that the report results should help stakeholders and Alabama Power reach a decision regarding their recommendations for the proposed licensing proposal for the Martin project. FERC will also use the study results in their review of relicensing recommendations.

Jim concluded the meeting by thanking everyone for their input and reminding stakeholders there will be many more MIG meetings in 2010 and 2011.

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**Martin Project Relicensing  
MIG 2  
1:30 – 4:30 PM  
(Lunch provided at 12:30 PM)**

**Meeting Purpose:** To review study plan progress to date and receive stakeholder comments on study reports.

12:30 PM	Lunch
1:30 PM	Study Plan 11: review Draft Water Use, Water Quantity, and Water Withdrawal
2:15 PM	Study Plan 9: review Final Report - Location of Permitted Discharges on Lake Martin CD
3:00 PM	Study Plan 10: review Erosion and Sedimentation Progress Report
3:45 PM	Study Plan 8: review Draft Baseline Water Quality Report
4:30 PM	Adjourn