

## Danielle Fitzpatrick

---

**From:** Alison Guth  
**Sent:** Tuesday, November 29, 2005 3:04 PM  
**To:** 'Jeff\_Duncan@NPS.gov'; 'Keith\_Ganz\_Sarto@hotmail.com'; 'gjobsis@americanrivers.org'; 'cheetahtrk@yahoo.com'; 'Bkawasi@sc.rr.com'; 'flyhotair@greenwood.net'; 'lmichalec@aol.com'; 'tufford@sc.edu'; 'truple@sc.rr.com'; 'royparker38@earthlink.net'; 'marshallb@dnr.sc.gov'; 'bill\_hulslander@nps.gov'; 'bseibels@riverbanks.org'; 'Norm@sc.rr.com'; 'millerca@dhec.sc.gov'; 'Stonecypher@isteamconsulting.com'; 'jbutler@scana.com'; 'kakustafik@columbiasc.net'; 'cfdwaxson@columbiasc.net'; 'guyjones@sc.rr.com'; 'Amanda Hill'; 'Gina Kirkland'; 'Hal Beard'; 'Elymay2@aol.com'; 'mark\_a\_cantrell@fws.gov'; 'Prescott.Brownell@NOAA.gov'; 'Tony Bebbler'; 'dchristie@infoave.net'; 'bellsteve9339@bellsouth.net'; 'RESKKEENER@PBTCOMM.Net'; 'rkidder@pbtcomm.net'; 'tbrooks@newberrycounty.net'; 'Lucky8Lady@aol.com'; 'network@scpronet.com'; 'eschnepel@sc.rr.com'; 'malcolml@mailbox.sc.edu'; 'PatrickM@scccl.org'; 'pgaines@scprt.com'; 'ipitts@scprt.com'; 'mdavis@scprt.com'; 'leachs@dnr.sc.gov'; 'lbarber@sc.rr.com'; 'johned44@earthlink.net'; 'rjernigan@scfbins.com'; 'dlandis1@sc.rr.com'; 'billeast@sc.rr.com'; 'mdmurr@sc.rr.com'; 'tyle6544@bellsouth.net'; 'wwending@sc.rr.com'; 'samnancydrake@aol.com'; 'rlavisky@alltel.net'; 'joyyalicki@aol.com'; 'bull@sc.rr.com'; 'syalicki@carolinacareplan.com'; 'suzrhodes@juno.com'; 'kayakduke@bellsouth.net'; 'miriam@lakemurraycountry.com'; 'bill25@sc.rr.com'; 'skfox@bellsouth.net'; 'pricedc@dhec.sc.gov'; 'dobrasko@scdah.state.sc.us'; 'bgreen@trcsolutions.com'; 'Wenonahh@www.ccppcrafts.com'; 'djones@scprt.com'; 'judgec@dnr.sc.gov'; 'leader@sc.edu'; 'long@scdah.state.sc.us'; 'snorris@trcsolutions.com'; 'sandrar@www.ccppcrafts.com'; 'robinsonj@icrc.net'; 'r1shealy@aol.com'; 'jwells@icrc.net'; 'parkin@parkinhunter.com'; 'arsbhs@bellsouth.net'; 'BadrB@dnr.sc.gov'; 'ahler@dnr.sc.gov'; 'mzajac@icrc.net'; 'long@scdah.state.sc.us'; 'sandrar@ccppcrafts.com'; 'wenonahh@ccppcrafts.com'; 'crafton@usit.net'; 'karen@lakemurraycountry.com'; 'Stowc@gwm.sc.edu'; 'ediebold@riverbanks.org'; 'mark\_Leao@fws.gov'; 'tflach@thestate.com'; 'mwaddell@esri.sc.edu'; 'PageC@dnr.sc.gov'; 'MikeDuffy@sc.rr.com'; 'camlittlejohn@yahoo.com'; 'wildlife@sc.rr.com'; 'Bigbillcutler@aol.com'; 'dianlog8@aol.com'; 'rscott@lex-co.com'; 'BertFloyd@sc.rr.com'; 'JCharlesFloyd@sc.rr.com'; 'rbickley@lex-co.com'; 'tpowers@newberrycounty.net'; 'millerca@dhec.sc.gov'; 'McKellarH@sc.dnr.gov'; 'k.westbury@saludacounty.sc.gov'; 'ccompton@lex-co.com'; 'vinsont@dnr.sc.gov'  
**Subject:** December 7th RSVP

Hello Folks,

As many of you may already know, there is a joint Water Quality and Fish and Wildlife RCG on December 7th (next Wednesday). The purpose of this meeting will primarily be educational, with presentations from Gina Kirkland and Andy Miller from DHEC, as well as Jim Ruane, noted water quality expert with Reservoir Environmental Management. A review of the Site-Specific DO Standard will be given by members of the Kleinschmidt Team as well (an agenda is located at <http://www.saludahydroreliscense.com/rcgroups.htm>). We encourage you to come even if you are in another RCG, and bring a interested college/coworker/friend as well. This meeting will likely last all day and begins at 9:00am at the Saluda Shoals Park Environmental Center. If you would like to attend this meeting it is very important that you let me know by December 1st, along with any individuals that are coming with you. Thanks so much and hope to see you there. ~ Alison

Alison Guth  
Licensing Coordinator  
Kleinschmidt Associates  
101 Trade Zone Drive  
Suite 21A  
West Columbia, SC 29170  
P: (803) 822-3177  
F: (803) 822-3183

## Kacie Jensen

---

**From:** Malcolm Leaphart [malcolml@mailbox.sc.edu]  
**Sent:** Monday, November 07, 2005 2:43 PM  
**To:** Alison Guth  
**Cc:** dengff@aol.com  
**Subject:** Re: WQ RCG Agenda

Please add Donald Eng to the meeting attendance list for Trout Unlimited for the Nov 9 Water Quality RCG. His email is dengff@aol.com and phone number is 781-3312.

I may can attend, at least part of the morning, so that there could be two of us, but probably will not be able to be there at all. Don will be the TU representative when I not there (ie, another 'tag team'). Please keep us both in the loop with correspondence before and afterwards. I have already forwarded him the agenda received today. Thanks.

Quoting Alison Guth <Alison.Guth@KleinschmidtUSA.com>:

> Good Afternoon All:  
>  
> Attached to this email is the agenda for the Water Quality Resource  
> Conservation Group. If you know that you will not be able to attend  
> Wednesday's meeting, please let me know by tomorrow morning, if at all  
> possible. This will allow me enough time to make any adjustments with  
> the catering service. Thanks so much, and hope to see you all there.  
>  
> Alison  
>  
> <<Water Quality RCG Agenda.pdf>>  
> Alison Guth  
> Licensing Coordinator  
> Kleinschmidt Associates  
> 101 Trade Zone Drive  
> Suite 21A  
> West Columbia, SC 29170  
> P: (803) 822-3177  
> F: (803) 822-3183  
>  
>  
>

**Kacie Jensen**

---

**From:** John Davis [johned44@earthlink.net]  
**Sent:** Monday, September 19, 2005 8:39 PM  
**To:** Alison Guth  
**Cc:** bbull; Cam Littlejohn  
**Subject:** RE: Please Post MSC Comments

Alison,

Thanks so much for your prompt action and response to my earlier email. Is it too early to request that Midlands Striper Club be added to those individuals and organizations dealing with water quality and fisheries issues? We are interested in serving on any committees that may be formed to discuss these two issues, particularly as they deal with dissolved oxygen levels in the lake and river below it and possible entrainment of fish. Two other MSC members have been appointed by our club to represent and keep the membership informed in this area. Though I assume they will contact you via email, my fellows are Reed Bull and Cam Littlejohn. I have included a copy of this email to them so that you may have their email addresses.

Also, have any guidelines or procedural outlines been discussed? If so, an attachment of same would help bring us up to speed.

Thanks in advance for assisting in getting us pointed toward the proper committees where our club's interests and our specific knowledge may be most useful. We look forward to becoming more informed and to being a constructive part of the process.

Sincerely,

John

PS While I will be out-of-state for the upcoming meetings this Thursday, one or both of the above MSC members will be present.

----- Original Message -----

**From:** [Alison Guth](#)  
**To:** [johned44@earthlink.net](mailto:johned44@earthlink.net)  
**Sent:** 9/19/2005 12:23:00 PM  
**Subject:** RE: Please Post MSC Comments

[Mr. Davis](#),

I apologize for the oversight, I will post your comment letter today. I will also forward your email to Bill Argentieri at SCE&G to make sure that they have a copy for their records as well. We look forward to working with you through this process and please do not hesitate to email me if you have any more comments or concerns.

Sincerely,  
[Alison](#)

-----Original Message-----

**From:** John Davis [mailto:johned44@earthlink.net]  
**Sent:** Monday, September 19, 2005 11:57 AM  
**To:** Alison.Guth@KleinschmidtUSA.com  
**Subject:** Please Post MSC Comments

Dear Ms. Guth:

Upon checking the stakeholder comments page, I did not see Midlands Striper Club listed. We sent the attached letter via email at 4:23PM on the afternoon of August 15, 2005, stating our position on water quality in Lake Murray. Our intent in doing so was to officially register as a stakeholder in the upcoming Saluda Hydro Relicensing Process.

Please add our name and comments to the stakeholders comment page as soon as possible. We will be participating in the upcoming process and look forward to meeting and working with others,

including SCE&G and your organization.  
We thank you for your assistance.  
Sincerely,  
John E. Davis, VP, MSC

--- John Davis  
--- [johned44@earthlink.net](mailto:johned44@earthlink.net)  
--- EarthLink: The #1 provider of the Real Internet.

**Kacie Jensen**

---

**From:** Alison Guth  
**Sent:** Monday, September 19, 2005 12:23 PM  
**To:** 'johnd44@earthlink.net'  
**Subject:** RE: Please Post MSC Comments

Mr. Davis,

I apologize for the oversight, I will post your comment letter today. I will also forward your email to Bill Argentieri at SCE&G to make sure that they have a copy for their records as well. We look forward to working with you through this process and please do not hesitate to email me if you have any more comments or concerns.

Sincerely,  
Alison

-----Original Message-----

**From:** John Davis [mailto:johnd44@earthlink.net]  
**Sent:** Monday, September 19, 2005 11:57 AM  
**To:** Alison.Guth@KleinschmidtUSA.com  
**Subject:** Please Post MSC Comments

Dear Ms. Guth:

Upon checking the stakeholder comments page, I did not see Midlands Striper Club listed. We sent the attached letter via email at 4:23PM on the afternoon of August 15, 2005, stating our position on water quality in Lake Murray. Our intent in doing so was to officially register as a stakeholder in the upcoming Saluda Hydro Relicensing Process.

Please add our name and comments to the stakeholders comment page as soon as possible. We will be participating in the upcoming process and look forward to meeting and working with others, including SCE&G and your organization.

We thank you for your assistance.

Sincerely,

John E. Davis, VP, MSC

--- John Davis

--- [johnd44@earthlink.net](mailto:johnd44@earthlink.net)

--- EarthLink: The #1 provider of the Real Internet.

## Kacie Jensen

---

**From:** Tom Stonecypher [Stonecypher@iStreamConsulting.com]  
**Sent:** Monday, August 22, 2005 12:53 PM  
**To:** Alison Guth  
**Cc:** Bill Marshall  
**Subject:** Request for participation on Saluda Hydro Relicensure Resource Conservation Committee

Hello, Alison,

I would like to sign up to participate on the Water Quality group that's being organized as part of the SCE&G Saluda Hyrdo relicensure program. Here's my contact information:

Tom Stonecypher  
1402 Mohawk Drive  
West Columbia, South Carolina, 29169-6201  
Telephone: 803-794-9054  
Email: [Stonecypher@istreamconsulting.com](mailto:Stonecypher@istreamconsulting.com)  
Organization: Lower Saluda Scenic River Advisory Council

thanks,

Tom

## Kacie Jensen

---

**From:** Hal Beard [BeardH@dnr.sc.gov]  
**Sent:** Wednesday, May 04, 2005 3:50 PM  
**To:** Alison Guth  
**Subject:** RE: clarification

Allison,

Just a short note of clarification in the minutes:

Discussions turned to the lower Saluda River fishery. Hal noted that comparatively speaking, the size and abundance of fish caught during recent sampling efforts has decreased. However, he continued to note that it was not fair to say that the populations were decimated, decreased numbers could be due to anglers and factors other than water quality. **As I recall, this discussion centered around the river's trout population and my comments regarding the relative size and numbers of fish collected referenced last year's sampling and specifically to trout, not fish in general. If this is not what the record reflects, I apologize for an inaccurate statement. Thanks!**

-----Original Message-----

**From:** Alison Guth [mailto:Alison.Guth@KleinschmidtUSA.com]

**Sent:** Wednesday, May 04, 2005 3:12 PM

**To:** Alan Stuart; Gina Kirkland; Prescott.Brownell@noaa.gov; Hal Beard; 'bargentieri@SCANA.com'; 'ssummer@scana.com'; 'msummer@scana.com'; 'MAHAN, RANDOLPH R'; 'rammarell@scana.com'; 'bjmcmamus@jonesday.com'; Dick Christie; 'teppink@SCANA.com'; 'rrcollins@n-h-i.org'; 'gerritj@sccl.org'; 'cdwood@USGS.gov'

**Subject:**

Good Afternoon Folks,

I Hope everyone is doing well. Attached to this email is a draft copy of the notes taken during the meeting held March 21st regarding the Preliminary Annual Report on Water Quality and Aeration Operations, as well as the Saluda Hydro Operation Guidelines. These are for your review, please let me know if they accurately reflect what you remember from the meeting. Please return comments and questions to me in track changes by May 18th if possible so that I may finalize the document. Thanks again for your interest and involvement in regards to this issue.

Alison Guth

Licensing Coordinator

*Kleinschmidt Associates*

*101 Trade Zone Drive*

*Suite 21A*

*West Columbia, SC 29170*

*P: (803) 822-3177*

*F: (803) 822-3183*

<<Water Quality Operation Report Meeting Notes 3-21-05 (Draft;ACG; 050305).doc>>

**Kacie Jensen**

---

**From:** ARGENTIERI, WILLIAM R [BARGENTIERI@scana.com]  
**Sent:** Tuesday, December 12, 2006 11:04 AM  
**To:** Jennifer Summerlin; Tom Brooks; Alan Stuart; Amanda Hill; Andy Miller; Daniel Tufford; Gerrit Jobsis (American Rivers); Gina Kirkland; Jim Glover; Jim Ruane ; turnerle@dhec.sc.gov; RMAHAN@scana.com; rbull@davisfloyd.com; Richard Kidder; Ron Ahle; Roy Parker; Shane Boring  
**Subject:** Water Quality TWC - Operation of Unit 5 During High DO Season

To all,

I was asked to look into the possibility of using Saluda Unit 5 to meet our minimum flows during certain times of the high DO season. After discussing this option with the company dispatchers and plant personnel, it was determined that there are no apparent restrictions from the dispatchers or plant perspective of using Unit 5 on a continuous basis for several weeks or months. Prior to recommending this as an option, we will have to conduct some tests to determine the flow (cfs) that could be maintained by Unit 5. We could discuss this in more detail and decide on a course of action at our next Water Quality TWC meeting.

[William R. Argentieri](#)  
South Carolina Electric & Gas Company  
111 Research Drive  
Columbia, SC 29203

Phone - (803) 217-9162  
Fax - (803) 933-7849  
Cell - (803) 331-0179



## Kacie Jensen

---

**From:** ARGENTIERI, WILLIAM R [BARGENTIERI@scana.com]

**Sent:** Thursday, September 28, 2006 3:23 PM

**To:** Alison Guth; Winward point Yacht Club ; Aaron Small; Alan Axson; Alan Stuart; Amanda Hill; Andy Miller; Bertina Floyd; Bill Brebner ; Bill East; BGreen@smeinc.com; Bill Hulslander; Bill Marshall; Bill Mathias; Bob Olsen; bseibels@yahoo.com; STUTTS, BRANDON G; Bret Hoffman; Brett Bursey; TRUMP, BETH W; Bud Badr; Buddy Baker ; Charlene Coleman; Charles Floyd; Charlie Compton; Charlie Rentz; Chris Judge; Chris Page; Daniel Tufford; Dave Anderson; Dave Landis; David Allen; HANCOCK, DAVID E; David Jones; David Price; Dick Christie; Don Tyler; Donald Eng; Ed Diebold; duncane@mrd.dnr.state.sc.us; Ed Fetner; Edward Schnepel; aregaf@dnr.sc.gov; George Duke; Gerrit Jobsis (American Rivers); Gina Kirkland; Guy Jones; Hal Beard; Hank McKellar; ipitts@scprt.com; Jeff Duncan; Jennifer O'Rourke; Jennifer Price ; Jennifer Summerlin; Jerry Wise; DEVEREAUX, JAMES; Jim Glover; Jim Goller; Jim Ruane ; BUTLER, JO A; Joe Logan; Joel Huggins ; John and Rob Altenberg; johnd44@bellsouth.net; jsfrick@mindspring.com; Jon Leader; Joy Downs; Karen Kustafik; Keith Ganz-Sarto; Ken Styer ; Ken Uschelbec; Kenneth Fox; Kim Westbury; Kristina Massey; turnerle@dhec.sc.gov; Lee Barber; Linda Lester ; Malcolm Leaphart; Marianne Zajac; Mary Kelly; Michael Murrell; Mike Duffy; Mike Sloan; SUMMER, MICHAEL C; Mike Waddell; Miriam Atria; Norm Nicholson; Norman Ferris; Parkin Hunter; Patricia Wendling; Patrick Moore; Phil Hamby ; Prescott Brownell; Randal Shealy; RMAHAN@scana.com; AMMARELL, RAYMOND R; Rebekah Dobrasko; rbull@davisfloyd.com; Rhett Bickley; Richard Kidder; Richard Mikell; SKEENER@sc.rr.com; Robert Lavisky; Roger Hovis ; Ron Ahle; Ronald Scott; Roy Parker; Russell Jernigan; YANITY, ROBERT; Sam Drake; Sandra Reinhardt; Sean Norris; Shane Boring; Skeet Mills ; Stanley Yalicki; Steve Bell; SUMMER, STEPHEN E; Suzanne Rhodes; tpowers@newberrycounty.net; Theresa Thom; Tim Vinson; BOWLES, THOMAS M; EPPINK, THOMAS G; Tom Ruple; Tom Stonecypher; BOOZER, THOMAS C; Tony Bebbber; Valerie Marcil; HOFFMAN, VAN B; balesw@dnr.sc.gov; Wenonah Haire; Mike Schimpff; FITTS, MARY R; LANDRETH, JAMES M

**Subject:** Saluda Hydro Flow Releases and Potential Low DO

To all Saluda Hydro Relicensing RCG and TWC Members:

Please be advised that turbine venting testing scheduled for the week of September 24, 2006 will continue on Friday, September 29. My previous email noted that this testing would be completed today, September 28. However, due to a few problems we will continue testing tomorrow.

\*\*\*Please note that during these tests, the Saluda Hydro units will be operated in several combinations and at various loads, with vents closed and open, in order to evaluate the effect on downstream DO of the hub baffles which were installed last year.

**These tests are likely to produce short duration impacts on DO in the lower Saluda River for some distance downstream of the plant (essentially zero at times, in particular in the upper reaches of the river).**

SCE&G is conducting these tests to gather information which will be used when dispatching the Saluda Hydro units during low DO periods.

William R. Argentieri  
South Carolina Electric & Gas Company

111 Research Drive  
Columbia, SC 29203

Phone - (803) 217-9162  
Fax - (803) 933-7849  
Cell - (803) 331-0179

**Danielle Fitzpatrick**

---

**From:** Shane Boring**Sent:** Thursday, April 27, 2006 12:42 PM**To:** Steve Summer; Amanda Hill; BARGENTIERI@scana.com; Gerrit Jobsis (American Rivers); Jennifer Price ; Jim Glover; RMAHAN@scana.com; Ron Ahle; Shane Boring; Tom Stonecypher; Alan Stuart; Alison Guth; Andy Miller; Bill Hulslander; Bill Marshall; Brett Bursey; Cam Littlejohn; Charlene Coleman; Charles Floyd; Craig Stow; Daniel Tufford; Dick Christie; Don Tyler; Donald Eng; Ed Diebold; George Duke; Gina Kirkland; Hank McKellar; Jeff Duncan; Jennifer O'Rourke; Jim Ruane ; John Davis (johnd44@bellsouth.net); Joy Downs; Karen Kustafik; Keith Ganz-Sarto; Kim Westbury; Larry Turner (turnerle@dhec.sc.gov); Malcolm Leaphart; Mark Leao; Mike Sloan; Norman Ferris; Patrick Moore; Prescott Brownell; Ralph Crafton; Reed Bull (rbull@davisfloyd.com); Richard Kidder; Robert Keener (SKEENER@sc.rr.com); Roy Parker; Steve Bell; Suzanne Rhodes; Tom Bowles (tbowles@scana.com)**Subject:** Saluda Hydro: freshwater mussel/DO reference information

All:

As discussed in recent meeting of the Fish and Wildlife and Water Quality RCGs and TWCs, Gerrit Jobsis has provided information regarding impacts of dissolved oxygen on freshwater mussels. This information is attached for your review and reference. Thanks and have a good weekend.

C. Shane Boring  
Environmental Scientist  
Kleinschmidt Associates  
101 Trade Zone Dr., Suite-21A  
West Columbia, SC 29170  
Phone: (803)822-3177  
Fax: (803)822-3183

## Kacie Jensen

---

**From:** Daniel Tufford [tufford@sc.edu]  
**Sent:** Sunday, April 30, 2006 5:12 PM  
**To:** Alan Stuart  
**Cc:** 'C. Andy Miller '; 'jimruane@comcast.net '; Alison Guth; 'wharden@mindspring.com '  
**Subject:** RE: May 3rd meeting

I am still interested in reviewing the technical documentation on the parameterization, calibration, verification, and any testing that has been done with the W2 model. We were unable to conclude the discussion on this topic by e-mail so I want to address it when we are talking together.

Regards,  
Daniel L. Tufford, Ph.D.  
Research Assistant Professor  
University of South Carolina  
Department of Biological Sciences  
Sumwalt 209F (office)  
701 Sumter Street, Room 401 (mail)  
Columbia, SC 29208  
e-mail: tufford@sc.edu  
web: <http://www.biol.sc.edu/~tufford>  
Ph: 803.777.3292 Fx: 803.777.3292

Quoting Alan Stuart <Alan.Stuart@KleinschmidtUSA.com>:

> Yes, the office is located at the Foreign Trade Zone (FTZ) complex  
> which faces Hwy 302 right at the intersection with Airport Blvd. If  
> coming from I-26, proceed through the traffic light at Airport Blvd.  
> Go to the entrance to FTZ off of 302, take the first left and  
> Kleinschmidt's office is at the end of the complex.  
>  
> -----Original Message-----  
> From: C. Andy Miller  
> To: jimruane@comcast.net; tufford@sc.edu  
> Cc: Alan.Stuart@KleinschmidtUSA.com; Alison.Guth@KleinschmidtUSA.com;  
> wharden@mindspring.com  
> Sent: 4/28/06 5:04 PM  
> Subject: Re: May 3rd meeting  
>  
> The Kleinschmidt offices are good with me as well, and I hope for  
> Wayne Harden too. Is the office located in West Columbia per the  
> phone book?  
>  
> AM  
>  
> >>> "Jim Ruane" <jimruane@comcast.net> 4/28/2006 4:41 PM >>>  
>  
> Either place is fine with me, too....but since there are no time  
> constraints at the KA office, maybe we should go for that location.  
>  
> Thanks, Jim  
>  
> Richard J. Ruane, Reservoir Environmental Mgt., Inc.  
> 900 Vine Street Suite 5  
> Chattanooga, TN 37403  
> 423-265-5820; cell: 423-605-5820; Fax: 423-266-5217; jim@chatt.net  
>  
> ----- Original Message -----  
> From: "Dan Tufford" <tufford@sc.edu>  
> To: "C. Andy Miller" <MILLERCA@dhec.sc.gov>

> Cc: <jimruane@comcast.net>; <Alan.Stuart@KleinschmidtUSA.com>;  
> <Alison.Guth@KleinschmidtUSA.com>; <wharden@mindspring.com>  
> Sent: Friday, April 28, 2006 3:11 PM  
> Subject: Re: May 3rd meeting  
>  
>  
> > Either place is fine with me. Dan  
> >  
> > C. Andy Miller wrote:  
> >  
> > > Alan,  
> > >  
> > > Thanks for the offer of lunches! I'm ok with any location that  
> > suits  
> > > the group. My hope was however that four hours would be plenty if  
> > > we wanted to be disciplined with a more limited agenda. That  
> > > being  
> > said  
> > > and considering Jim's long journey we may want to maximize his  
> > > availability. I don't know where the Kleinschmidt offices are  
> > however.  
> > > The offer for DHEC offices still stands but would anyone have an  
> > > objection to the Kleinschmidt office?  
> > >  
> > > AM  
> > >  
> > > Andy Miller  
> > > Watershed Manager-Saluda/Santee  
> > > SCDHEC  
> > > Bureau of Water  
> > > (803)-898-4031  
> > >  
> > > www.scdhec.gov/water/shed/home.html  
> <<http://www.scdhec.gov/water/shed/home.html>>  
> > > < <http://www.scdhec.gov/water/shed/home.html>  
> <<http://www.scdhec.gov/water/shed/home.html>> >  
> > > millerca@dhec.sc.gov <mailto:millerca@dhec.sc.gov  
> <<mailto:millerca@dhec.sc.gov>> >  
> > >  
> > >  
> > > >>> Alan Stuart <Alan.Stuart@KleinschmidtUSA.com> 4/28/2006 12:37  
> PM  
> >>>  
> > > Alison will you please take care of lunches for this meeting. It  
> > would  
> > seem  
> > > McAlister's or Village Gourment might be a good option.  
> > >  
> > > If the group believes this meeting will extend beyond 1:30,I will  
> > propose to  
> > > meet at our Kleinschmidt office. We have enough space to  
> > > accomdate everyone.  
> > >  
> > > Alan  
> > >  
> > > -----Original Message-----  
> > > From: C. Andy Miller  
> > > To: jimruane@comcast.net; tufford@sc.edu  
> > > Cc: Alan.Stuart@KleinschmidtUSA.com;  
> > > Alison.Guth@KleinschmidtUSA.com;  
> > > wharden@mindspring.com  
> > > Sent: 4/28/06 10:07 AM  
> > > Subject: Re: RE: May 3rd meeting  
> > >  
> > > >  
> > > > Folks,  
> > > >

> > > I'm able to retain the room here to 1:30 PM. Jim we appreciate your  
> > > willingness to discuss these issues in detail. We can work  
> through  
> > > lunch and order in sandwiches or plan on bringing a lunch and  
> having it  
> > > indoors or out to our covered area. If we do need additional time  
> we  
> > > might be able to move to another conference room since we are a  
> fairly  
> > > small group. So, if this arraignment is acceptable to all please  
> > > respond. I'll send back a draft agenda and building directions.  
> > > If there are other items ya'll think we can discuss at the end  
> > > I'll  
> adjust  
> > > accordingly.  
> > >  
> > >  
> > > A  
> > >  
> > > Andy Miller  
> > > Watershed Manager-Saluda/Santee  
> > > SCDHEC  
> > > Bureau of Water  
> > > (803)-898-4031  
> > >  
> > > [www.scdhec.gov/water/shed/home.html](http://www.scdhec.gov/water/shed/home.html)  
> <<http://www.scdhec.gov/water/shed/home.html>>  
> > > < <http://www.scdhec.gov/water/shed/home.html>  
> <<http://www.scdhec.gov/water/shed/home.html>> >  
> > > < <http://www.scdhec.gov/water/shed/home.html>  
> <<http://www.scdhec.gov/water/shed/home.html>> >  
> > > millerca@dhec.sc.gov <mailto:millerca@dhec.sc.gov  
> <mailto:millerca@dhec.sc.gov> >  
> > >  
> > > M  
> > > >>> "Jim Ruane" <jimruane@comcast.net> 4/28/2006 8:24 AM >>>  
> > >  
> > > Hi Andy and others  
> > >  
> > > Meeting at DHEC is fine with me, but we should consider allowing  
> more  
> > > time  
> > > for discussion, either thru lunch or after. We have a lot to  
> > > cover,  
> and  
> > > there are a range of approaches to address the issues on your  
> agenda.  
> > > Each  
> > > of these approaches will have pros and cons, and it would be  
> > > helpful  
> > > to  
> > > identify these.  
> > >  
> > > Thanks, Jim  
> > >  
> > > Richard J. Ruane, Reservoir Environmental Mgt., Inc.  
> > > 900 Vine Street Suite 5  
> > > Chattanooga, TN 37403  
> > > 423-265-5820; cell: 423-605-5820; Fax: 423-266-5217;  
> > > jim@chatt.net  
> > >  
> > > ----- Original Message -----  
> > > From: "Alan Stuart" <Alan.Stuart@KleinschmidtUSA.com>  
> > > To: "'Daniel Tufford '" <tufford@sc.edu>; "'C. Andy Miller '"  
> > > <MILLERCA@dhec.sc.gov>  
> > > Cc: <jimruane@comcast.net>; "Alan Stuart"  
> > > <Alan.Stuart@KleinschmidtUSA.com>;

> > > "Alison Guth" <Alison.Guth@KleinschmidtUSA.com>;  
> > > <wharden@mindspring.com>  
> > > Sent: Wednesday, April 26, 2006 6:58 PM  
> > > Subject: RE: RE: May 3rd meeting  
> > >  
> > >  
> > > > Gentlemen,  
> > > >  
> > > > Andy if the offer still stands go ahead and have it at DHEC's  
> offices.  
> > > Dan  
> > > > was correct in our conversation. However, I thought the  
> > > meeting  
> I  
> was  
> > > > originally planning to attend was at the training center and in  
> later  
> > > > discussions with Shane he alerted me they are meeting at  
> > > Carolina Research > Park. This location is closer to DHEC's  
> > > offices. Dan, Thank you  
> for  
> > > trying.  
> > > >  
> > > > Thanks,  
> > > > Alan  
> > > >  
> > > > -----Original Message-----  
> > > > From: Daniel Tufford  
> > > > To: C. Andy Miller  
> > > > Cc: jimruane@comcast.net; Alan.Stuart@KleinschmidtUSA.com; >  
> > > Alison.Guth@KleinschmidtUSA.com; wharden@mindspring.com > Sent:  
> > > 4/26/06 6:47 PM > Subject: Re: RE: May 3rd meeting  
> > > >  
> > > > I spoke with Alan today at the L&LM RCG meeting and expressed my  
> > > belief  
> > > > that it  
> > > > is very important that he be there with us. He indicated he would  
> do  
> > > so  
> > > > and  
> > > > that it would be easier for him if we can meet at the training  
> center,  
> > > > where  
> > > > another RCG meeting will be going on that day that he needs to  
> > > be  
> > > part  
> > > > of as  
> > > > well. He said he would check on availability of one of the  
> smaller  
> > > > rooms.  
> > > > Unfortunately I had to leave the RCG meeting before lunch so I  
> > > do  
> not  
> > > > know the  
> > > > outcome of that. He did not rule out meeting with us at SCDHEC,  
> but  
> > > has  
> > > > a  
> > > > strong preference for something closer to his other meeting. >  
> > > > I hope you were able to get a room at the training center, Alan.  
> > > >  
> > > > Regards,  
> > > > Daniel L. Tufford, Ph.D.  
> > > > Research Assistant Professor  
> > > > University of South Carolina  
> > > > Department of Biological Sciences  
> > > > Sumwalt 209F (office)

> > > > 701 Sumter Street, Room 401 (mail)  
> > > > Columbia, SC 29208  
> > > > e-mail: tufford@sc.edu  
> > > > web: http://www.biol.sc.edu/~tufford  
> <http://www.biol.sc.edu/~tufford>  
> < http://www.biol.sc.edu/~tufford <http://www.biol.sc.edu/~tufford> >  
> > >  
> > > > Ph: 803.777.3292 Fx: 803.777.3292  
> > > >  
> > > >  
> > > > Quoting "C. Andy Miller" <MILLERCA@dhec.sc.gov>:  
> > > >  
> > > > > Jim and others,  
> > > > >  
> > > > > For the May 3rd meeting, I had offered to hold it here at  
> DHEC's  
> > > Bull  
> > > > Street  
> > > > > Office. 9:30 to 12:00. If this is an agreeable location for  
> you  
> all  
> > > > please  
> > > > > respond to this e-mail ccing the others and I'll send some  
> > > directions > to our  
> > > > > building. If another location is preferable please offer a  
> > > suggestion  
> > > > to the  
> > > > > group.  
> > > > >  
> > > > > Thanks,  
> > > > > AM  
> > > > >  
> > > > > Andy Miller  
> > > > > Watershed Manager-Saluda/Santee  
> > > > > SCDHEC  
> > > > > Bureau of Water  
> > > > > (803)-898-4031  
> > > > >  
> > > > > www.scdhec.gov/water/shed/home.html  
> <http://www.scdhec.gov/water/shed/home.html>  
> > > < http://www.scdhec.gov/water/shed/home.html  
> <http://www.scdhec.gov/water/shed/home.html> >  
> > > < http://www.scdhec.gov/water/shed/home.html  
> <http://www.scdhec.gov/water/shed/home.html> >  
> > > > > millerca@dhec.sc.gov  
> > > > >  
> > > > >  
> > > > > >>> <jimruane@comcast.net> 4/25/2006 8:18 PM >>>  
> > > > >  
> > > > > Hey folks  
> > > > >  
> > > > > I will be there on May 3. I think in one of our previous  
> emails,  
> we  
> > > > worked  
> > > > > out a time and place, but I am working at home and do not  
> > > have  
> those  
> > > > emails.  
> > > > > I'll check them in the morning at the office, but I am  
> > > flexible  
> re:  
> > > > the time  
> > > > > on May 3 if we need to change either the time or the place.  
> > > > > > Thanks, Jim  
> > > > >



> > > > ----- Original message -----  
> > > > From: Alan Stuart <Alan.Stuart@KleinschmidtUSA.com>  
> > > > I see no harm in a meeting to discuss in general terms those  
> items  
> > > > Andy  
> > > > identified in his email . These issues appear more related  
> > > to DHEC's > > position as the regulatory entity of what may be  
> > > potentially available  
> > > > or  
> > > > required as part of the TMDL process. I believe the subject  
> matter  
> > > > Andy has  
> > > > identified could be discussed within or outside of the  
> relicensing  
> > > > process  
> > > > and without commitment by any of the parties.  
> > > >  
> > > > Jim, I think if you can work it in your schedule meeting  
> > > face  
> > > to  
> > > face  
> > > > with  
> > > > Andy and Dan would prove more beneficial than a long  
> > > conference call. > >  
> > > > I have asked Alison to attend the meeting to facilitate minutes  
> > > > preparation.  
> > > >  
> > > >  
> > > > Alan  
> > > >  
> > > >  
> > > > Alan W. Stuart  
> > > >  
> > > > Senior Licensing Coordinator  
> > > > Kleinschmidt Energy and Water Resources  
> > > > 101 Trade Zone Drive Suite 21A  
> > > > West Columbia, SC 29170  
> > > >  
> > > > Phone 803.822.3177  
> > > > Cell 803.640.8765  
> > > >  
> > > > -----Original Message-----  
> > > > From: C. Andy Miller [mailto:MILLERCA@dhec.sc.gov]  
> <mailto:MILLERCA@dhec.sc.gov>  
> > > <mailto:MILLERCA@dhec.sc.gov> <mailto:MILLERCA@dhec.sc.gov>> > >  
> > > > Sent: Monday, April 24, 2006 5:18 PM > > To:  
> > > jimruane@comcast.net; tufford@sc.edu > > Cc:  
> > > Alan.Stuart@KleinschmidtUSA.com;  
> > > Alison.Guth@KleinschmidtUSA.com  
> > > > Subject: May 3rd meeting  
> > > >  
> > > >  
> > > > Folks,  
> > > >  
> > > > I'd like to express the desire that we still meet on May 3rd  
> > > as > planned to > > discuss the issue of a TMDL on lake Murray.  
> > > Even if we have  
> > > reached  
> > > > something of an impasse on the release of technical details  
> > > of  
> > > the  
> > > > current  
> > > > modeling effort we should still be able to discuss: > >  
> > > > -The need for a TMDL on Lake Murray focusing on the Western  
> > > side of  
> > > > the  
> > > > > impoundment

> > > > -Sufficiency of the W2 as component of the TMDL  
> > > > -Is the current W2 a potential component (in principle) or  
> would we  
> > > > need a  
> > > > new one focusing on the Western end?  
> > > > -What other models would be needed to supplement the in lake  
> > > processes > > model?  
> > > > -What kind of extra monitoring would be needed?  
> > > > -What other data would be needed?  
> > > >  
> > > > If Jim is not already going to be in Columbia that day I would  
> > > suggest  
> > > > a  
> > > > conference call.  
> > > > I think we owe it to the larger Water Quality RCG to have had  
> > > further  
> > > > discussion on the issue we were charged to address in order to  
> have  
> > > a  
> > > > report  
> > > > at the May 23rd meeting. Please respond with your thoughts  
> > > and  
> a  
> > > > decision on  
> > > > the meeting.  
> > > >  
> > > > Thanks,  
> > > > AM  
> > > >  
> > > > Andy Miller  
> > > > Watershed Manager-Saluda/Santee  
> > > > SCDHEC  
> > > > Bureau of Water  
> > > > (803)-898-4031  
> > > >  
> > > > [www.scdhec.gov/water/shed/home.html](http://www.scdhec.gov/water/shed/home.html)  
> <<http://www.scdhec.gov/water/shed/home.html>>  
> > > < <http://www.scdhec.gov/water/shed/home.html> >  
> > > < <http://www.scdhec.gov/water/shed/home.html> >  
> <<http://www.scdhec.gov/water/shed/home.html>> >  
> > > > millerca@dhec.sc.gov  
> >  
>  
>  
>  
>  
>

**Kacie Jensen**

---

**From:** C. Andy Miller [MILLERCA@dhec.sc.gov]  
**Sent:** Monday, April 24, 2006 5:18 PM  
**To:** jimruane@comcast.net; tufford@sc.edu  
**Cc:** Alan Stuart; Alison Guth  
**Subject:** May 3rd meeting

Folks,

I'd like to express the desire that we still meet on May 3rd as planned to discuss the issue of a TMDL on lake Murray. Even if we have reached something of an impasse on the release of technical details of the current modeling effort we should still be able to discuss:

- The need for a TMDL on Lake Murray focusing on the Western side of the impoundment
- Sufficiency of the W2 as component of the TMDL
- Is the current W2 a potential component (in principle) or would we need a new one focusing on the Western end?
- What other models would be needed to supplement the in lake processes model?
- What kind of extra monitoring would be needed?
- What other data would be needed?

If Jim is not already going to be in Columbia that day I would suggest a conference call.

I think we owe it to the larger Water Quality RCG to have had further discussion on the issue we were charged to address in order to have a report at the May 23rd meeting. Please respond with your thoughts and a decision on the meeting.

Thanks,  
AM

Andy Miller  
Watershed Manager-Saluda/Santee  
SCDHEC  
Bureau of Water  
(803)-898-4031

[www.scdhec.gov/water/shed/home.html](http://www.scdhec.gov/water/shed/home.html)

[millerca@dhec.sc.gov](mailto:millerca@dhec.sc.gov)

**Kacie Jensen**

---

**From:** C. Andy Miller [MILLERCA@dhec.sc.gov]  
**Sent:** Thursday, April 20, 2006 5:27 PM  
**To:** jimruane@comcast.net; tufford@sc.edu  
**Cc:** Alan Stuart; Alison Guth  
**Subject:** Re: Agreement for releasing W2 report

Folks,

I guess its somewhat clear that part of this problem in reaching an agreement here, at least as it relates to our May third meeting, is what information is contained in the "draft w2 model report". My understanding is that it detailed the general approach, and describes the various boundary conditions and assumptions used. We are not talking about the release of input files, electronic data and other such information that could be used to actually attempt to duplicate the process are we? I guess Jim can answer that. If the former is the case, I can't see how this report could compromise the investment in the model. At any rate, the question is, do we need this report in order to have a discussion on whether or not this modeling effort can potentially be used as a component of a future TMDL? If the answer is no, I think we should dispense with the negotiation on the disclaimer and discuss the TMDL issue in more general terms on May 3rd.

AM

Andy Miller  
Watershed Manager-Saluda/Santee  
SCDHEC  
Bureau of Water  
(803)-898-4031

[www.scdhec.gov/water/shed/home.html](http://www.scdhec.gov/water/shed/home.html)  
[millerca@dhec.sc.gov](mailto:millerca@dhec.sc.gov)

>>> Dan Tufford <tufford@sc.edu> 4/20/2006 4:14:08 PM >>>

Jim Ruane wrote:

> Hi Dan  
>  
> please see my responses below  
>  
> Thanks, Jim  
>  
> Richard J. Ruane, Reservoir Environmental Mgt., Inc.  
> 900 Vine Street Suite 5  
> Chattanooga, TN 37403  
> 423-265-5820; cell: 423-605-5820; Fax: 423-266-5217; jim@chatt.net

> ----- Original Message -----  
> From: "Dan Tufford" <tufford@sc.edu>  
> To: "Jim Ruane" <jimruane@comcast.net>  
> Cc: <Alison.Guth@KleinschmidtUSA.com>;  
> <Alan.Stuart@KleinschmidtUSA.com>;  
> "C. Andy Miller" <MILLERCA@dhec.sc.gov>  
> Sent: Thursday, April 20, 2006 10:04 AM  
> Subject: Re: Agreement for releasing W2 report

>> Hello Jim,

>>

>> Not sure where to begin. I am puzzled by the magnitude and scope of the  
>> document. At the TWC meeting Andy and I are the only ones who expressed  
>> an interest in seeing the draft report. So where all this language comes  
>> from about stakeholders and the various parts that collectively amount  
>> to a model tutorial I have no clue.

>

>

> as I mentioned at the meeting, we would modify an existing agreement that we  
> have used before, and I also briefly gave the main reasons for the agreement  
> (essentially as stated in my email to you on April 18). We plan on using  
> this agreement for the foreseeable future, possibly through out the  
> relicensing process, for most all stakeholders, subject to them being  
> approved by SCE&G for getting the model or information regarding the  
> calibration of the model, especially before the upgraded model is  
> calibrated.

>

>

>

>>We requested the report for one purpose only, to facilitate a discussion  
>>of watershed scale water quality studies that can be done using TMDL  
>>protocols. I think it is fair to assume that SCDHEC and I know what  
>>modeling is. I will be glad to provide a copy of my CV if you are  
>>concerned about this point, which I encourage you to take me up on  
>>because your comfort with it is crucial to our going forward with a  
>>sense of peer collaboration. I will also state for the third time that  
>>advance access to this report is essential to ensure a productive and  
>>useful meeting on May 3, at least for me it is. The first time I said it  
>>was in the TWC meeting; the second time was in one of my e-mails to this  
>>group a couple of weeks ago.

>

>

> We want to avoid revising the agreement for each person/organization that  
> wants to review the modeling work, so some parts may not be important to  
> you, but they are to us. Our tendency for any revisions in the future will  
> be to add to the agreement rather than delete items from it. In case I have  
> not mentioned this before, DHEC signed a similar negotiated agreement for  
> our modeling on the Catawba-Wateree reservoirs. It's not intended to  
> question your qualifications, but it is intended to state up front that such  
> qualifications and effort are needed for those interested in reviewing and  
> commenting on the model.

>

> re: your 3rd comment about getting advanced access to the report, we simply  
> think it is more important to have the agreement first. The first time we  
> received specific comments from you was this last Thursday Apr 13.

As I said in the e-mail (see above), the first time I said it was during  
the TWC meeting.

>>So the fact that all the other irrelevant language is in there leaves me  
>>to think that from your and Alan's perspective this document has a  
>>different purpose than was stated in the TWC meeting, which I repeated  
>>above. Investment protection has a pretty dull ring to it in this context.

>

>

> We don't have a different purpose, but the agreement does have a lot more  
> detail....I mentioned that it would at the Mar 24 mtg.

>

> I don't know that I understand your comment about the "dull ring," but it  
> appears to be a statement that I would disagree with. As I mentioned in my  
> email, investment protection and an orderly relicensing process is very

> important to us. SCE&G, KA, and I all work in a very competitive world, and  
> it's important to KA and me to provide high quality work in a cost-effective  
> manner as well as comply with the schedule and orderly process...and all  
> this is not dull to us.

>  
>  
>

>>A second point goes more to the core of the issue. At two places in the  
>>document you state (this is not verbatim) that REMI is the only entity  
>>who will possess the W2 model and be able to run simulations. However,  
>>you indicated agreement in the TWC meeting to an approach to this  
>>watershed scale study in which the W2 model could be placed within a  
>>larger modeling framework. This was during the part of the discussion in  
>>which I was making the point that cost and time can be reduced by  
>>leveraging existing W2 work, yours and the Lake Greenwood work. So now  
>>you seem to be changing your position by placing the restriction that  
>>only you can run the LM W2 model. This constrains the discussion on May  
>>3, which is the point I was making in my first e-mail response to this  
>>agreement a couple of weeks ago (which I just noticed is at the bottom  
>>of this e-mail chain).

>  
>

> We have not changed our position. Our position has long been determined,  
> especially for the duration of the relicensing process. From our  
> perspective, it's possible to place our modeling (i.e., calibrating and  
> running the W2 model) within the larger modeling framework. We often do  
> modeling this way and think models are better calibrated and applied in this  
> manner. We also think this approach is more cost-effective, especially if  
> the same level of quality is to be achieved for various water bodies. So it  
> was my intention to enter into discussions with you and DHEC from this  
> perspective.

OK, sounds like a good approach.

>>In my view this is an unreasonable prior constraint and I also believe  
>>it violates the protocols for TMDL development, which is a primary  
>>objective.

>  
>

> I am not aware of any protocols for TMDL development that would preclude  
> using our modeling approach. However, as was discussed at the meeting there  
> are likely to be complications and conflicts that would develop due to the 2



- > processes (i.e., FERC relicensing and TMDLs) being different, i.e.,
- > involving different stakeholders and schedules. Also, our level of modeling
- > for SCE&G for relicensing will be at the "policy and planning level" that
- > may not be sufficient for TMDL development, i.e., the currently planned
- > model for relicensing if it were to be used for TMDLs might require
- > additional upgrades beyond those approved at the TWC meeting on March 24.
- > We believe our "policy and planning level" will be satisfactory for the
- > immediate needs for relicensing and that most of these needs will arise over
- > this next 1-2 years, and continuing as needed until the license is obtained.
- > I don't know DHEC's TMDL development schedule, but I suspect it would be
- > more like 4 to 6 years from now before a TMDL is developed, possibly after
- > the time that SCE&G receives a new license.

The point I made both in the meeting and in my revision to the notes of the meeting is that what we need to focus on is a watershed-scale study that uses tools and protocols appropriate for a TMDL analysis. Looking at and talking about the TMDL itself unnecessarily confuses the important issues involved.

- >
- >>I can understand how you and Alan might call this issue
- >>investment protection. But to me that is tantamount to stating that
- >>there is already a contractual agreement in place that relates to WQ
- >>modeling for the relicensing process. So before I seriously consider
- >>this constraint what I need from you and Alan is full disclosure of what
- >>agreements are already in place. My sole interest in this is maximizing
- >>the value and return to SCE&G and the larger community of the
- >>relicensing process. I do not have time to participate in a lengthy
- >>discussion if the "conclusion" has already been vetted by lawyers and
- >>signed by REMI and KA.

>  
>

- > The "investment protection" is for SCE&G, not Alan and me. They have
- > already invested in the current model, and they requested at the March 24
- > TWC meeting that we proceed with upgrading the model and complete this
- work
- > in July. This decision to upgrade the model and the agreement we sent to
- > you and Andy for releasing the draft report are the only agreements I am
- > aware of regarding lake modeling.

>  
>

- >>These issues are the reasons for the changes to the document that I

>>recommended in my previous contribution to this discussion. Nothing in  
>>your response addressed them, in fact your comments exacerbated my  
>  
> concerns.

>  
>>I will close this e-mail by saying that I think we should consider if it  
>>might be more expedient to continue this discussion by conference call.  
>>I am now very concerned that we might not get it resolved with enough  
>>time prior to the May 3 meeting if we continue these slow but useful  
>>e-mail exchanges.

>  
>  
> The issues involved appear to be too complex to address in a conference  
> call, and I suspect we would not resolve much unless we invested several  
> hours of time. Please consider my above points and let us know what you  
> think. Until we get these issues resolved, most of any discussion/meeting  
> time will continue to be spent on resolving these issues. Regarding  
> technical aspects of the modeling, I suspect you have enough information in  
> the ppt file posted on the web site to have meaningful discussions at the  
> meeting on May 3. The figures and tables in the ppt file essentially cover  
> most all that is in the report. In addition you would probably get more  
> information from examining the model using AGPM which I could show  
during  
> the meeting...especially for any planning purposes.

I have looked at the ppt file, of course, and it is the same thing that was shown at the joint meeting late last year minus the animations. What I have said several times (including at least 3 times in the TWC meeting alone) is that I am interested in seeing the details of model parameterization (selection, testing, etc), calibration, and verification. I am very interested in the reconciliation process you refer to in the agreement. As you know this is standard information and practice for modeling work; nothing extraordinary about the request. You told me during the TWC meeting that this information is in the report (or at least you implied that it is); that is why I have been asking for it. Now you seem to be saying that the report does not contain that information. If I understand that point correctly, then yes, it is not essential that I see the report before the meeting. However, I repeat my request to see the information listed above before the meeting. Exactly what do I need to ask for to get it?

> Due to the amount of time we have spent just going over the agreement (it's

> been 3 weeks for a 3.5 page document and we are still not finished), I am  
> now very reluctant to release our draft report on the current model. We  
> need to move on to upgrading the model and then revising the current report  
> to incorporate these upgrades. At that time, we could release only one  
> report (i.e., instead of one draft report now and then another draft report  
> a few months from now) and then deal with the review process. I don't think  
> it would be fruitful to go through a review process for a draft model report  
> that we know is going to be revised in only a few months. I am concerned  
> that your review of the current draft report would take too much time and  
> prevent us from meeting the July schedule. Besides, I don't think you need  
> the draft report to accomplish objectives for developing future modeling  
> approaches or commenting on our current model.

Once again, my request to review the report is so I can understand what you did to parameterize and test the model. We explicitly stated and agreed during the TWC meeting that this was not something that should hold up further work on your part. It is informational for me to help me think and talk about the model in the context of a TMDL analysis. So I do not know what you are getting at by turning that around with your comments above. And again, if the report does not contain the information I am asking for (see my prior comment) then I do not need to see it. But I do need to see the information I asked for.

Jim, I appreciate your thorough and quick responses to the points I raised. It now sounds to me like we are quite close on this, although if the report does not contain the information I am asking for, then I am left empty-handed and need to find out what to do next. If the information simply has not been written-up yet, please just say so. I can decide how to adjust based on that and would rather solve that problem than spin my wheels on this. This discussion has been interesting and I have learned a lot, but if the information is not in the report then ultimately this is a side-bar issue and not main track.

Regards,  
Dan

>  
>>Regards,  
>>Daniel L. Tufford, Ph.D.  
>>Research Assistant Professor  
>>University of South Carolina  
>>Department of Biological Sciences

>>Sumwalt 209A (office)  
>>701 Sumter Street, Room 401 (mail)  
>>Columbia, SC 29208  
>>e-mail: tufford@sc.edu  
>>web: <http://www.biol.sc.edu/~tufford>  
>>Ph: 803.777.3292 Fx: 803.777.3292

>>

>>Jim Ruane wrote:

>>

>>

>>>Hi Dan

>>>

>>>Alan and I gave a lot of consideration to your deletions to the  
>>>agreement, but we decided that we cannot accept them.

>>>

>>>A main reason for the agreement is to protect SCE&G's investment in the  
>>>current model as well as the upgraded model for the duration of the  
>>>relicensing process. I hope you can understand that they need to  
>>>maintain to the extent practical an orderly process during relicensing.  
>>>Therefore, an agreement that covers only the review of the draft report  
>>>on the current model is not acceptable.

>>>

>>>Basically, your deletions omit SCE&G's concerns regarding their  
>>>investment in the model; the needs of SCE&G, KA, and REMI for an  
>>>orderly process for relicensing; background information on the  
>>>calibration process; and understandings about the SCE&G modeling process  
>>>during relicensing. Also, we are confident that the W2 model is most  
>>>appropriate for the Lake Murray application. We request that these  
>>>items be included in any agreement accepted by SCE&G.

>>>

>>>We fail to see how your agreeing to these items limits future endeavors  
>>>for TMDL modeling. If you think there is specific wording that does  
>>>limit future modeling, please identify these items and we will consider  
>>>appropriate rewording.

>>>

>>>As was stated at the TWC meeting on March 24, SCE&G hopes water quality  
>>>in the lake will improve and hopes its modeling efforts during  
>>>relicensing will continue to be helpful to others in achieving these  
>>>improvements. But their main focus remains to be an orderly process for  
>>>relicensing and protecting their investment in modeling.

>>>

>>>Thanks, Jim

>>>  
>>>Richard J. Ruane, Reservoir Environmental Mgt., Inc.  
>>>900 Vine Street Suite 5  
>>>Chattanooga, TN 37403  
>>>423-265-5820; cell: 423-605-5820; Fax: 423-266-5217; jim@chatt.net  
>>><<mailto:jim@chatt.net>>

>>>  
>>> ----- Original Message -----  
>>> From: C. Andy Miller <<mailto:MILLERCA@dhec.sc.gov>>  
>>> To: jimruane@comcast.net <<mailto:jimruane@comcast.net>> ;  
>>> tufford@sc.edu <<mailto:tufford@sc.edu>>  
>>> Cc: Alan.Stuart@KleinschmidtUSA.com  
>>> <<mailto:Alan.Stuart@KleinschmidtUSA.com>> ;  
>>> Alison.Guth@KleinschmidtUSA.com  
>>> <<mailto:Alison.Guth@KleinschmidtUSA.com>>  
>>> Sent: Thursday, April 13, 2006 5:26 PM  
>>> Subject: Re: W2 meeting

>>>  
>>> I think we're ok with Dan's language. Our FOI folks had me insert a  
>>> change from notifying SCEG of FOI requests from 48 hours to 3  
>>> business days. How would that be? I've attached the change.

>>>  
>>> As for the May 3rd meeting. We've got 9:30 for the time. How about  
>>> location? I'm happy to host here. Plenty of parking and central  
>>> location I think. If that's a problem DHEC folks can go where

>  
> needed.

>  
>>> AM  
>>>  
>>> Andy Miller  
>>> Watershed Manager-Saluda/Santee  
>>> SCDHEC  
>>> Bureau of Water  
>>> (803)-898-4031  
>>>  
>>> [www.scdhec.gov/water/shed/home.html](http://www.scdhec.gov/water/shed/home.html)  
>>> <<http://www.scdhec.gov/water/shed/home.html>>  
>>> millerca@dhec.sc.gov <<mailto:millerca@dhec.sc.gov>>

>>>  
>>>  
>>>

>>> >>> Dan Tufford <tufford@sc.edu <<mailto:tufford@sc.edu>>>  
4/13/2006  
>>> 9:03 AM >>>  
>>> I made a couple of small changes to the agreement so it reflects my  
>>> understanding of the purpose for our receiving this material.  
>>>  
>>> Regards,  
>>> Dan  
>>>  
>>> jimruane@comcast.net wrote:  
>>>  
>>> > Hi Dan  
>>> >  
>>> > I am out all this week, except I may make it back to the office  
>>> >  
>>> > on  
>>> >  
>>> > Friday afternoon. I am leading a training session all this week,  
>>> so I  
>>> > am covered up day and night etc.  
>>> >  
>>> > Thanks, Jim  
>>> >  
>>> >  
>>> > ----- Original message -----  
>>> > From: Dan Tufford <tufford@sc.edu>  
>>> >  
>>> > > Any time May 3 is fine with me. Andy, what is the earliest  
>>> you can  
>>> > > begin? We should plan on 4-5 hours.  
>>> > >  
>>> > > Jim, I'd like to talk with you about the agreement. I am  
>>> driving  
>>> > to a  
>>> > > conference this afternoon. Can I call this evening or  
>>> >  
>>> > sometime  
>>> >  
>>> > tomorrow?  
>>> > > Let me know a good time.  
>>> > >  
>>> > > Dan

>>> > >  
>>> > > Jim Ruane wrote:  
>>> > >  
>>> > > Hey guys  
>>> > >  
>>> > > May 3 sounds good...the earlier in the day, the better  
>>> since I  
>>> > will need  
>>> > > to return to Chatt. after the meeting. If we meet in the  
>>> > afternoon and  
>>> > > I drive over to Columbia in the morning, there's a  
>  
> likely  
>  
>>> > chance that I  
>>> > > could be a little late depending on traffic etc.  
>>> > >  
>>> > > Thanks, Jim  
>>> > > > Richard J. Ruane, Reservoir Environmental Mgt., Inc.  
>>> > > 900 Vine Street Suite 5  
>>> > > Chattanooga, TN 37403  
>>> > > 423-265-5820; cell: 423-605-5820; Fax: 423-266-5217;  
>>> jim@chatt.net  
>>> > >  
>>> > >  
>>> > > ----- Original Message -----  
>>> > > From: C. Andy Miller  
>>> > > To: jimruane@comcast.net ;  
>>> > > tufford@sc.edu  
>>> > > Cc: Alan.Stuart@KleinschmidtUSA.com  
>>> > > ;  
>>> > > Alison.Guth@KleinschmidtUSA.com  
>>> > >  
>>> > > Sent: Thursday, April 06, 2006 5:48 PM  
>>> > > Subject: Re: W2 meeting  
>>> > >  
>>> > > I think our preference would be May 3rd. Late morning or  
>>> early  
>>> > > afternoon would be best. Whats the best time for others?  
>>> > > AM  
>>> > > !  
>>> > > Andy Miller

>>> > > Watershed Manager-Saluda/Santee  
 >>> > > SCDHEC  
 >>> > > Bureau of Water  
 >>> > > (803)-898-4031  
 >>> > >  
 >>> > > [www.scdhec.gov/water/shed/home.html](http://www.scdhec.gov/water/shed/home.html)  
 >>> <<http://www.scdhec.gov/water/shed/home.html>>  
 >>> > >  
 >>> > > millerca@dhec.sc.gov  
 >>> > >  
 >>> > >  
 >>> > >  
 >>> > >>> Dan Tufford > 4/5/2006  
 >>> > > 7:47 AM >>>  
 >>> > > I have a committment from 8:00 to about 9:30 on May 4.  
 >>> Other than  
 >>> > > that I  
 >>> > > have no current conflicts during May 2-5.  
 >>> > >  
 >>> > > In response to your earlier question about how long, I  
 >>> think we  
 >>> > should  
 >>> > > plan on 4-5 hours (+/-). Our end product needs to be a  
 >>> fairly  
 >>> > complete  
 >>> > > proposal for how to procede from here within the context  
 >>> of the  
 >>> > > discussion at the TWC meeting.  
 >>> > >  
 >>> > > I'll be glad to put up a "straw man" agenda for us to  
 >>> kick a!  
 >>> > round  
 >>> > > unless  
 >>> > > someone else would rather do it.  
 >>> > >  
 >>> > > Dan  
 >>> > >  
 >>> > > Jim Ruane wrote:  
 >>> > >> hey guys (and gal)  
 >>> > >>  
 >>> > >>> I can't meet on the 28th, but I am open the next week  
 >>> except for



>>> > > Monday,  
>>> > > > i.e., May 2-5  
>>> > > >  
>>> > > > Thanks, Jim  
>>> > > >  
>>> > > > Richard J. Ruane, Reservoir Environmental Mgt., Inc.  
>>> > > > 900 Vine Street Suite 5  
>>> > > > Chattanooga, TN 37403  
>>> > > > 423-265-5820; cell: 423-605-5820; Fax: 423-266-5217;  
>>> > jim@chatt.net  
>>> > > >  
>>> > > >  
>>> > > > ----- Original Message -----  
>>> > > > From: C. Andy Miller  
>>> > > > To: Alison.Guth@KleinschmidtUSA.com  
>>> > > > ; tufford@sc.edu  
>>> > > >  
>>> > > > Cc: jimruane@comcast.net ;  
>>> > > > Alan.Stuart@KleinschmidtUSA.com  
>>> > > >  
>>> > > > Sent: Tuesday, April 04, 2006 4:37 PM  
>>> > > > Subject: Re: W2 agreement  
>>> > > >  
>>> > > > Folks,  
>>> > > >  
>>> > > > Unfortunately I will be unable to attend on the 26th.  
>>> I don't  
>>> > > > recall who was limited by which alternate dates, but I  
>>> could  
>>> > > > still  
>>> > > > be available on the 28th of that week and any day the  
>>> first  
>>> > > > week of  
>>> > > > May at this point. Are any of these options for  
>  
> others?  
>  
>>> > > >  
>>> > > > I think I'm in agreement with Dan on the scope of this  
>>> > > > protocol for  
>>> > > > review. It seems to go beyond the scope of the April  
>>> meeting

>>> > >> as I  
>>> > >>> understood it. While I don't see anything unreasonable  
>>> about the  
>>> > >>> elements ! in the protocol, my thoughts were that the  
>>> meeting  
>>> > >> would be  
>>> > >>> strictly for discussing the existing modeling for its  
>>> > >> potential use  
>>> > >>> in a future TMDL effort for the impaired areas of the  
>>> lake. For  
>>> > >>> this purpose we (DHEC) had need only of the general  
>>> approach and  
>>> > >>> inputs of the current model with some understanding of  
>>> what  
>>> > >>> refinements were contemplated. We could then discuss  
>>> what other  
>>> > >>> work might be needed for a TMDL if indeed this current  
>>> model was  
>>> > >>> deemed appropriate as a TMDL component. While I've  
>>> arranged  
>>> > >> to have  
>>> > >>> one of our modeling folks to attend the meeting, we  
>  
> aren't  
>  
>>> > >> prepared  
>>> > >>> for a full technical review of this model, and feel no  
>>> > particular  
>>> > >>> need to devote extensive staff time for such a review  
>>> at the  
>>> > >> present  
>>> > > &g! t; > time.  
>>> > >>> As we discussed, I've sent the draft use protocol to  
>>> our FOI and  
>>> > >>> legal departments to see if we could potentially sign  
>  
> the  
>  
>>> > >> protocol  
>>> > >>> or some other version and still maintain the  
>>> confidentiality and  
>>> > >>> oversight SCAG would like. I would expect an answer

>>> some time in  
 >>> > >> this week.  
 >>> > >>  
 >>> > >> AM  
 >>> > >>  
 >>> > >> Andy Miller  
 >>> > >> Watershed Manager-Saluda/Santee  
 >>> > >> SCDHEC  
 >>> > >> Bureau of Water  
 >>> > >> (803)-898-4031  
 >>> > >>  
 >>> > >> [www.scdhec.gov/water/shed/home.html](http://www.scdhec.gov/water/shed/home.html)  
 >>> <<http://www.scdhec.gov/water/shed/home.html>>  
 >>> > >>  
 >>> > >>  
 >>> > >> millerca@dhec.sc.gov  
 >>> > >>  
 >>> > >>  
 >>> > >> >>> Dan Tufford 4/3/2006 1:17 PM >>>  
 >>> > >> Hello All,  
 >>> > &g! t; > >  
 >>> > >> Thanks for sending the agreement, unfortunately it is  
 >>> > > unsatisfactory in  
 >>> > >> its current form. The first paragraph states that the  
 >>> > > protocol is only  
 >>> > >> for the temporary model review, but the rest of the  
 >>> text goes  
 >>> > > well  
 >>> > >> beyond that scope. We need to reword it so the  
 >>> provisions of the  
 >>> > >> protocol cover only issues that are of concern at this  
 >>> stage.  
 >>> > >>  
 >>> > >> During the TWC meeting there were two concerns raised  
 >>> about  
 >>> > > releasing  
 >>> > >> the report: 1) confidentiality and 2) that discussions  
 >>> about the  
 >>> > >> technical aspects of the model would include the  
 >>> developers. The  
 >>> > >> agreement as it is written covers many more issues and  
 >>> will,

>>> > > > in fact,  
 >>> > > > constrain the very discussion it is intended to  
 >>> facilitate.  
 >>> > > >  
 >>> > > > If there is a sound reason for me to accept that  
 >  
 > the  
 >  
 >>> > > > disclaimer in the  
 >>> > > > first paragraph is sufficient let me know what it is.  
 >>> For now  
 >>> > > > I believe  
 >>> > > > the text should only cover what we talked about during  
 >  
 > the  
 >  
 >>> > > > meeting, in  
 >>> > > > whatever detail is needed to protect REMI and SCE&G. I  
 >>> will  
 >>> > > > be glad to  
 >>> > > > discuss my concerns in more detail if necessary.  
 >>> > > >  
 >>> > > > The model meeting with Ruane, Miller, an SCDHEC  
 >>> modeler, and  
 >>> > > > me still  
 >>> > > > needs to be firmed up. The two possible dates we  
 >>> agreed to in  
 >>> > > > the TWC  
 >>> > > > meeting were April 25 and 26. I may have a conflict on  
 >>> April  
 >>> > > > 25 so if  
 >>> > > > April 26 is still OK for others can we make that our  
 >>> definite  
 >>> > > > date?  
 >>> > > >  
 >>> > > > Getting the model documentation well in advance of  
 >  
 > that  
 >  
 >>> > > > meeting is  
 >>> > > > essential for! the meeting to be productive.  
 >>> > > >

>>> > >>> Regards,  
 >>> > >>> Daniel L. Tufford, Ph.D.  
 >>> > >>> Research Assistant Professor  
 >>> > >>> University of South Carolina  
 >>> > >>> Department of Biological Sciences  
 >>> > >>> Sumwalt 209A (office)  
 >>> > >>> 701 Sumter Street, Room 401 (mail)  
 >>> > >>> Columbia, SC 29208  
 >>> > >>> e-mail: [tufford@sc.edu](mailto:tufford@sc.edu)  
 >>> > >>> web: <http://www.biol.sc.edu/~tufford>  
 >>> > >>> Ph: 803.777.3292 Fx: 803.777.3292  
 >>> > >>>  
 >>> > >>>  
 >>> > >>> Alison Guth wrote:  
 >>> > >>>  
 >>> > >>>> Andy and Dan  
 >>> > >>>>  
 >>> > >>>> I have attached a copy of Jim Ruane's agreement for  
 >>> the W2  
 >>> > >> Model.  
 >>> > >>>> Please sign and send back to me. Thanks, Alison  
 >>> > >>>>  
 >>> > >>>> <>  
 >>> > &gt; >>>  
 >>> > >>>> Alison Guth  
 >>> > > &gt; > Licensing Coordinator  
 >>> > >>>> Kleinschmidt Associates  
 >>> > >>>> 101 Trade Zone Drive  
 >>> > >>>> Suite 21A  
 >>> > >>>> West Columbia, SC 29170  
 >>> > >>>> P: (803) 822-3177  
 >>> > >>>> F: (803) 822-3183  
 >>> > >  
 >>> > > --  
 >>> > > Daniel L. Tufford, Ph.D.  
 >>> > > Research Assistant Professor  
 >>> > > University of South Carolina  
 >>> > > Department of Biological Sciences  
 >>> > > Sumwalt 209A (office)  
 >>> > > 701 Sumter Street, Room 401 (mail)  
 >>> > > Columbia, SC 29208  
 >>> > > e-mail: [tufford@sc.edu](mailto:tufford@sc.edu)

>>> > > web: <http://www.biol.sc.edu/~tufford>  
>>> > > Ph: 803.777.3292 Fx: 803.777.3292  
>>  
>>--  
>>  
>  
>  
>  
>

--  
Daniel L. Tufford, Ph.D.  
Research Assistant Professor  
University of South Carolina  
Department of Biological Sciences  
Sumwalt 209A (office)  
701 Sumter Street, Room 401 (mail)  
Columbia, SC 29208  
e-mail: [tufford@sc.edu](mailto:tufford@sc.edu)  
web: <http://www.biol.sc.edu/~tufford>  
Ph: 803.777.3292 Fx: 803.777.3292

## Kacie Jensen

---

**From:** Jennifer Summerlin  
**Sent:** Tuesday, April 11, 2006 12:51 PM  
**To:** 'royparker38@earthlink.net'  
**Cc:** Shane Boring  
**Subject:** Saluda Relicensing

Hello Roy,  
Shane Boring asked me to review action items that were discussed in previous Water Quality RCG meeting notes. You mentioned that you could provide information on Lake Murray Water Quality Monitoring Plan. We recently found a copy of your study plan in the Lake~Link Newsletter. I was wondering if Kleinschmidt could scan a copy of the study plan from the Newsletter to send out to all Water Quality RCG members? I have attached a copy of the study plan that we would like to send out. Thanks for your continued interest in the Saluda relicensing process.



LMA WQ study  
plan.pdf (304 KB)...

Jennifer Summerlin  
Scientist Technician  
Kleinschmidt Associates  
101 Trade Zone Dr., Suite-21A  
West Columbia, SC 29170  
Phone: (803)822-3177  
Fax: (803)822-3183

## Kacie Jensen

---

**From:** Shane Boring  
**Sent:** Wednesday, April 05, 2006 8:52 AM  
**To:** Tom Stonecypher; Alan Stuart; Alison Guth; Amanda Hill; Andy Miller; BARGENTIERI@scana.com; Bill Hulslander; Bill Marshall; Brett Bursey; Cam Littlejohn; Charlene Coleman; Charles Floyd; Craig Stow; Daniel Tufford; Dick Christie; Don Tyler; Donald Eng; Ed Diebold; George Duke; Gerrit Jobsis (American Rivers); Gina Kirkland; Hank McKellar; Jeff Duncan; Jennifer O'Rourke; Jim Glover; Jim Ruane ; John Davis (johned44@bellsouth.net); Joy Downs; Karen Kustafik; Keith Ganz-Sarto; Kim Westbury; Larry Turner (turnerle@dhec.sc.gov); Malcolm Leaphart; Mark Leao; Mike Sloan; Norman Ferris; Patrick Moore; Prescott Brownell; Ralph Crafton; Reed Bull (rbull@davisfloyd.com); Richard Kidder; Robert Keener (SKEENER@sc.rr.com); Ron Ahle; Roy Parker; Shane Boring; Steve Bell; Steve Summer; Suzanne Rhodes; Tom Bowles (tbowles@scana.com)  
**Subject:** Saluda / Congaree Temperature Study

Hello folks:

Just an update to let you know that the Tidbit temperature sensors have been deployed at all sampling locations; most sensors began collecting data the weeks of March 20th. Thanks.

Shane

C. Shane Boring  
Environmental Scientist  
Kleinschmidt Associates  
101 Trade Zone Dr., Suite-21A  
West Columbia, SC 29170  
Phone: (803)822-3177  
Fax: (803)822-3183



## Kacie Jensen

---

**From:** Dan Tufford [tufford@sc.edu]  
**Sent:** Monday, April 03, 2006 1:17 PM  
**To:** Alison Guth  
**Cc:** 'Andy Miller'; Alan Stuart; 'Jim Ruane'  
**Subject:** Re: W2 agreement

Hello All,

Thanks for sending the agreement, unfortunately it is unsatisfactory in its current form. The first paragraph states that the protocol is only for the temporary model review, but the rest of the text goes well beyond that scope. We need to reword it so the provisions of the protocol cover only issues that are of concern at this stage.

During the TWC meeting there were two concerns raised about releasing the report: 1) confidentiality and 2) that discussions about the technical aspects of the model would include the developers. The agreement as it is written covers many more issues and will, in fact, constrain the very discussion it is intended to facilitate.

If there is a sound reason for me to accept that the disclaimer in the first paragraph is sufficient let me know what it is. For now I believe the text should only cover what we talked about during the meeting, in whatever detail is needed to protect REMI and SCE&G. I will be glad to discuss my concerns in more detail if necessary.

The model meeting with Ruane, Miller, an SCDHEC modeler, and me still needs to be firmed up. The two possible dates we agreed to in the TWC meeting were April 25 and 26. I may have a conflict on April 25 so if April 26 is still OK for others can we make that our definite date?

Getting the model documentation well in advance of that meeting is essential for the meeting to be productive.

Regards,  
Daniel L. Tufford, Ph.D.  
Research Assistant Professor  
University of South Carolina  
Department of Biological Sciences  
Sumwalt 209A (office)  
701 Sumter Street, Room 401 (mail)  
Columbia, SC 29208  
e-mail: tufford@sc.edu  
web: <http://www.biol.sc.edu/~tufford>  
Ph: 803.777.3292 Fx: 803.777.3292

Alison Guth wrote:

> Andy and Dan  
>  
> I have attached a copy of Jim Ruane's agreement for the W2 Model.  
> Please sign and send back to me. Thanks, Alison  
>  
> <<tech reviews of models--agreement.pdf>>  
>  
> Alison Guth  
> Licensing Coordinator  
> Kleinschmidt Associates  
> 101 Trade Zone Drive  
> Suite 21A  
> West Columbia, SC 29170

> P: (803) 822-3177  
> F: (803) 822-3183

## Kacie Jensen

---

**From:** Reed Bull [rbull@davisfloyd.com]  
**Sent:** Monday, March 06, 2006 11:24 AM  
**To:** Shane Boring  
**Cc:** Alison Guth  
**Subject:** Saluda Temperture Study

Shane, In reviewing your proposed plan, I think it would be good to have another station on the Broad at Harbison Forest. This is below Cedar Creek which is a substantial drainage area. You have the Saluda and Congaree covered well, but I think the distance from the USGS gage is about 15 miles and a mid length station would be helpful This is a comment from an Engineering standpoint. Thanks, REED BULL

## Kacie Jensen

---

**Subject:** FW: Saluda Hydro Relicense -Downstream Temperature Impact Study  
**Location:** via conference call

**Start:** Mon 3/6/2006 2:00 PM  
**End:** Mon 3/6/2006 3:00 PM  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

-----Original Appointment-----

**From:** Shane Boring  
**Sent:** Wednesday, March 01, 2006 4:23 PM  
**To:** Shane Boring; Alan Stuart; 'millerca@dhec.sc.gov'; 'tufford@sc.edu'; 'gjobsis@americanrivers.org'; 'KIRKLAGL@dhec.sc.gov'; 'ahler@dnr.sc.gov'; 'royparker38@earthlink.net'; 'Amanda\_Hill@fws.gov'; 'tbowles@scana.com'; 'bbull@sc.rr.com'; 'Jim Ruane'; 'rkidder@pbtcomm.net'  
**Subject:** Saluda Hydro Relicense -Downstream Temperature Impact Study  
**When:** Monday, March 06, 2006 2:00 PM-3:00 PM (GMT-05:00) Eastern Time (US & Canada).  
**Where:** via conference call

Hello folks:

Just a reminder of our conference call scheduled for Monday, March 6 at 2:00 PM to discuss the temperature studies in the LSR and Congaree. To access the conference bridge dial 800-504-8071, then enter the access code of 2179162 followed by the # sign.

C. Shane Boring  
Environmental Scientist  
Kleinschmidt Associates  
101 Trade Zone Dr., Suite-21A  
West Columbia, SC 29170  
Phone: (803)822-3177  
Fax: (803)822-3183

## Kacie Jensen

---

**Subject:** Final Water Quality RCG Meeting Date  
**Location:** Lake Murray Training Center

**Start:** Tue 2/21/2006 9:00 AM  
**End:** Tue 2/21/2006 3:00 PM  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

**Required Attendees:** Alan Stuart; Alison Guth; millerca@dhec.sc.gov; bill\_hulslander@nps.gov; marshallb@dnr.sc.gov; network@scpronet.com; camlittlejohn@yahoo.com; cheetahtrk@yahoo.com; cstow@sc.edu; tufford@sc.edu; dchristie@infoave.net; tyle6544@bellsouth.net; ediebold@riverbanks.org; kayakduke@bellsouth.net; gjobsis@americanrivers.org; KIRKLAGL@dhec.sc.gov; Jeff\_Duncan@NPS.gov; johned44@earthlink.net; Elymay2@aol.com; kakustafik@columbiasc.net; Keith\_Ganz\_Sarto@hotmail.com; MalcolmI@mailbox.sc.edu; Lucky8Lady@aol.com; Norm@sc.rr.com; PatrickM@scccl.org; crafton@usit.net; bbull@sc.rr.com; rkidder@pbtcomm.net; RESKKEENER@PBTCOMM.Net; ahler@dnr.sc.gov; royparker38@earthlink.net; Shane Boring; bellsteve9339@bellsouth.net; ssummer@scana.com; suzrhodes@juno.com; Stonecypher@isteamconsulting.com; mark\_Leao@fws.gov; Prescott.Brownell@noaa.gov; Amanda\_Hill@fws.gov; dengff@aol.com; JCharlesFloyd@sc.rr.com; k.westbury@saludacounty.sc.gov; McKellarH@dnr.sc.gov; bargentieri@scana.com; rbull@davisfloyd.com; MAHAN, RANDOLPH R; teppink@SCANA.com

Hello Water Quality Group,

The verdict is in, the final Water Quality RCG Meeting Date has been scheduled for February 21st at **9:00** am at the Lake Murray Training Center. Thanks to all of you for your responses to the proposed date change and for your flexibility. Please let me know if you are attending by Feb. 15th so that I can get the lunches ordered. Hope to see all of you soon.  
Alison

**Danielle Fitzpatrick**

---

**From:** Alan Stuart  
**Sent:** Friday, February 10, 2006 1:14 PM  
**To:** 'PatrickM@scccl.org'; 'Amanda Hill (Amanda\_Hill@fws.gov)'; 'Dick Christie (dchristie@infoave.net)'; 'Hal Beard'; 'Prescott Brownell (Prescott.Brownell@noaa.gov)'; 'Gerrit Jobsis'; 'Gina Kirkland'; 'Richard Roos-Collins'; 'Julie Gantenbein'  
**Cc:** BARGENTIERI@scana.com; 'Mike Summer'; 'Tom Eppink'; 'Steve Summer'; RMAHAN@scana.com; 'BOWLES, THOMAS M'; 'BJMcManus@jonesday.com'; Alison Guth; 'Jim Ruane'  
**Subject:** 2006 Meeting to discuss Operation of Saluda Hydro and effects on dissolved oxygen in the Lower Saluda River

Good afternoon all,

It's again that time of the year that we must convene our annual meeting to review operation of Saluda Hydro and the potential effects on dissolved oxygen levels in the Lower Saluda River. As you may or may not recall, the terms of the settlement agreement require SCE&G to meet with the South Carolina Coastal Conservation League, American Rivers and resource agencies before March 31st of each year. Additionally, an operations plan for 2006 must be developed and submitted by June 30th. Since we are rapidly approaching these due dates, we would like to meet with all of you from 9:00 - 2:00 on March 23, 2006. The location of this years meeting will be at SCE&G's office at Carolina Research Park in Columbia. If are not familiar with this location please let me know and I'll forward specific directions to you.

We are currently preparing the operational report for 2005 and should have this out for your review very shortly. Additionally, we plan to send you prior to the meeting the reports on a) the gage relocation study and b) turbine aeration study both of which were conducted in 2005.

If you know of anyone from your department or organization that was not included on the distribution of this email but feel should be present at the meeting please just let me know.

Lunch will be provided so please let me know if you do or do not plan to attend so we may order food accordingly. Due to limited space we will likely be ordering boxed lunches from McAlister's deli, Village Gourmet deli or a similar type establishment. If anyone has special dietary concerns or needs please let me know and we'll do whatever we can do to accommodate those needs.

If you have questions or need more information please do not hesitate to give me a call. I look forward to seeing you all.

Have a great weekend.

regards,

Alan

\*\*\*\*\*  
*Alan W. Stuart*

*Senior Licensing Coordinator*

**KLEINSCHMIDT**

*Energy & Water Resource Consultants*

**101 Trade Zone Drive Suite 21**

**West Columbia, SC 29170**

**phone: (803) 822-3177**

**Cellular: (803) 640-8765**

**fax: (803) 822-3183**

[www.kleinschmidtusa.com](http://www.kleinschmidtusa.com)

## Kacie Jensen

---

**From:** Alison Guth  
**Sent:** Tuesday, January 31, 2006 11:51 AM  
**To:** Alan Stuart; Alison Guth; 'millerca@dhec.sc.gov'; 'bill\_hulslander@nps.gov'; 'marshallb@dnr.sc.gov'; 'network@scpronet.com'; 'camlittlejohn@yahoo.com'; 'cheetahtrk@yahoo.com'; 'cstow@sc.edu'; 'tufford@sc.edu'; 'dchristie@infoave.net'; 'tyle6544@bellsouth.net'; 'ediebold@riverbanks.org'; 'kayakduke@bellsouth.net'; 'gjobsis@americanrivers.org'; 'KIRKLAGL@dhec.sc.gov'; 'Jeff\_Duncan@NPS.gov'; 'johnd44@earthlink.net'; 'Elymay2@aol.com'; 'kakustafik@columbiasc.net'; 'Keith\_Ganz\_Sarto@hotmail.com'; 'Malcolml@mailbox.sc.edu'; 'Lucky8Lady@aol.com'; 'Norm@sc.rr.com'; 'PatrickM@scccl.org'; 'crafton@usit.net'; 'bull@sc.rr.com'; 'rkidder@pbtcomm.net'; 'RESKKEENER@PBTCOMM.Net'; 'ahler@dnr.sc.gov'; 'royparker38@earthlink.net'; Shane Boring; 'bellsteve9339@bellsouth.net'; 'ssummer@scana.com'; 'suzrhodes@juno.com'; 'Stonecypher@istreamconsulting.com'; 'mark\_Leao@fws.gov'; 'Prescott.Brownell@noaa.gov'; 'Amanda\_Hill@fws.gov'; 'dengff@aol.com'; 'JCharlesFloyd@sc.rr.com'; 'k.westbury@saludacounty.sc.gov'; 'McKellarH@dnr.sc.gov'; BARGENTIERI@scana.com; RMAHAN@scana.com; 'teppink@SCANA.com'  
**Subject:** Tomorrow

Hello Water Quality RCG...

Just a reminder that your Water Quality RCG meeting originally scheduled for tomorrow (Feb 1st) has been postponed. The tentative date for this meeting as of now is February 21st. Thank you and I will let you know of the final date in the next day or so when all of the votes are in. Thanks, Alison

Alison Guth  
Licensing Coordinator  
*Kleinschmidt Associates*  
101 Trade Zone Drive  
Suite 21A  
West Columbia, SC 29170  
P: (803) 822-3177  
F: (803) 822-3183



## Kacie Jensen

---

**From:** Prescott Brownell [Prescott.Brownell@noaa.gov]  
**Sent:** Monday, January 23, 2006 11:14 AM  
**To:** Alison Guth  
**Cc:** Alan Stuart; 'millerca@dhec.sc.gov'; 'bill\_hulslander@nps.gov'; 'marshallb@dnr.sc.gov'; 'network@scpronet.com'; 'camlittlejohn@yahoo.com'; 'cheetahtrk@yahoo.com'; 'cstow@sc.edu'; 'tufford@sc.edu'; 'dchristie@infoave.net'; 'tyle6544@bellsouth.net'; 'ediebold@riverbanks.org'; 'kayakduke@bellsouth.net'; 'gjobsis@americanrivers.org'; 'KIRKLAGL@dhec.sc.gov'; 'Jeff\_Duncan@NPS.gov'; 'johnd44@earthlink.net'; 'Elymay2@aol.com'; 'kakustafik@columbiasc.net'; 'Keith\_Ganz\_Sarto@hotmail.com'; 'Malcolml@mailbox.sc.edu'; 'Lucky8Lady@aol.com'; 'Norm@sc.rr.com'; 'PatrickM@sccl.org'; 'crafton@usit.net'; 'bbull@sc.rr.com'; 'rkidder@pbtcomm.net'; 'RESKKEENER@PBTCOMM.Net'; 'ahler@dnr.sc.gov'; 'royparker38@earthlink.net'; Shane Boring; 'bellsteve9339@bellsouth.net'; 'ssummer@scana.com'; 'suzrhodes@juno.com'; 'Stonecypher@isteamconsulting.com'; 'mark\_Leao@fws.gov'; 'Amanda\_Hill@fws.gov'; 'dengff@aol.com'; 'JCharlesFloyd@sc.rr.com'; 'k.westbury@saludacounty.sc.gov'; 'McKellarH@sc.dnr.gov'; RMAHAN@scana.com  
**Subject:** Re: Water Quality RCG



prescott.brownell.v  
cf (415 B)

Hello Alison and Team

NOAA Fisheries will not be represented at the Wednesday Water Quality Meeting. I will be present for the Thursday Fish and Wildlife Resources RCG meeting.

regards  
P. Brownell

Alison Guth wrote:

> When: Wednesday, February 01, 2006 9:00 AM-3:00 PM (GMT-05:00) Eastern  
> Time (US & Canada).  
> Where: Lake Murray Training Center  
>  
> \*\*\*\*\*  
>  
> Good Afternoon,  
>  
> Our next Water Quality RCG meeting will occur on Wednesday, February  
> 1st at\* 9:00 am\* at the Lake Murray Training Center.\* \* Please let me  
> know if you will be in attendance so that I may order the correct  
> number of lunches. Thanks and have a good weekend. Alison  
>

## Kacie Jensen

---

**Subject:** Water Quality RCG  
**Location:** Lake Murray Training Center

**Start:** Wed 2/1/2006 9:00 AM  
**End:** Wed 2/1/2006 3:00 PM  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

**Required Attendees:** Alison Guth; Alan Stuart; Alison Guth; millerca@dhec.sc.gov; bill\_hulslander@nps.gov; marshallb@dnr.sc.gov; network@scpronet.com; camlittlejohn@yahoo.com; cheetahtk@yahoo.com; cstow@sc.edu; tufford@sc.edu; dchristie@infoave.net; tyle6544@bellsouth.net; ediebold@riverbanks.org; kayakduke@bellsouth.net; gjobsis@americanrivers.org; KIRKLAGL@dhec.sc.gov; Jeff\_Duncan@NPS.gov; johned44@earthlink.net; Elymay2@aol.com; kakustafik@columbiasc.net; Keith\_Ganz\_Sarto@hotmail.com; MalcolmI@mailbox.sc.edu; Lucky8Lady@aol.com; Norm@sc.rr.com; PatrickM@scccl.org; crafton@usit.net; bbull@sc.rr.com; rkidder@pbtcomm.net; RESKKEENER@PBTCOMM.Net; ahler@dnr.sc.gov; royparker38@earthlink.net; Shane Boring; bellsteve9339@bellsouth.net; ssummer@scana.com; suzrhodes@juno.com; Stonecypher@isteamconsulting.com; mark\_Leao@fws.gov; Prescott.Brownell@noaa.gov; Amanda\_Hill@fws.gov; dengff@aol.com; JCharlesFloyd@sc.rr.com; k.westbury@saludacounty.sc.gov; McKellarH@sc.dnr.gov; mahan@scana.com

Good Afternoon,

Our next Water Quality RCG meeting will occur on Wednesday, February 1st at **9:00 am** at the Lake Murray Training Center. Please let me know if you will be in attendance so that I may order the correct number of lunches. Thanks and have a good weekend. Alison

**Kacie Jensen**

---

**From:** Ed Diebold [ediebold@riverbanks.org]  
**Sent:** Friday, January 06, 2006 2:07 PM  
**To:** Alison Guth  
**Cc:** Alan Stuart; millerca@dhec.sc.gov; bill\_hulslander@nps.gov; marshallb@dnr.sc.gov; network@scpronet.com; camlittlejohn@yahoo.com; cheetahtk@yahoo.com; cstow@sc.edu; tufford@sc.edu; dchristie@infoave.net; tyle6544@bellsouth.net; kayakduke@bellsouth.net; gjobsis@americanrivers.org; KIRKLAGL@dhec.sc.gov; Jeff\_Duncan@NPS.gov; johned44@earthlink.net; Elymay2@aol.com; kakustafik@columbiasc.net; Keith\_Ganz\_Sarto@hotmail.com; Malcolml@mailbox.sc.edu; Lucky8Lady@aol.com; Norm@sc.rr.com; PatrickM@scccl.org; crafton@usit.net; bbull@sc.rr.com; rkidder@pbtcomm.net; RESKKEENER@PBTCOMM.Net; ahler@dnr.sc.gov; royparker38@earthlink.net; Shane Boring; bellsteve9339@bellsouth.net; ssummer@scana.com; suzrhodes@juno.com; Stonecypher@istreamconsulting.com; mark\_Leao@fws.gov; Prescott.Brownell@noaa.gov; Amanda\_Hill@fws.gov; dengff@aol.com; JCharlesFloyd@sc.rr.com; k.westbury@saludacounty.sc.gov; McKellarH@sc.dnr.gov  
**Subject:** RE: Draft WQ Mission Statement

Hi Alison,

Here are my suggestions.

Ed

Ed Diebold, Director of Animal Collections  
Riverbanks Zoo & Botanical Garden  
P.O. Box 1060  
Columbia, SC 29202-1060  
Phone: 803-779-8717, extension 1135  
FAX: 803-253-6381  
E-mail: [ediebold@riverbanks.org](mailto:ediebold@riverbanks.org)

-----Original Message-----

**From:** Alison Guth [mailto:Alison.Guth@KleinschmidtUSA.com]  
**Sent:** Thursday, January 05, 2006 4:59 PM  
**To:** Alan Stuart; Alison Guth; 'millerca@dhec.sc.gov'; 'bill\_hulslander@nps.gov'; 'marshallb@dnr.sc.gov'; 'network@scpronet.com'; 'camlittlejohn@yahoo.com'; 'cheetahtk@yahoo.com'; 'cstow@sc.edu'; 'tufford@sc.edu'; 'dchristie@infoave.net'; 'tyle6544@bellsouth.net'; Ed Diebold; 'kayakduke@bellsouth.net'; 'gjobsis@americanrivers.org'; 'KIRKLAGL@dhec.sc.gov'; 'Jeff\_Duncan@NPS.gov'; 'johned44@earthlink.net'; 'Elymay2@aol.com'; 'kakustafik@columbiasc.net'; 'Keith\_Ganz\_Sarto@hotmail.com'; 'Malcolml@mailbox.sc.edu'; 'Lucky8Lady@aol.com'; 'Norm@sc.rr.com'; 'PatrickM@scccl.org'; 'crafton@usit.net'; 'bbull@sc.rr.com'; 'rkidder@pbtcomm.net'; 'RESKKEENER@PBTCOMM.Net'; 'ahler@dnr.sc.gov'; 'royparker38@earthlink.net'; Shane Boring; 'bellsteve9339@bellsouth.net'; 'ssummer@scana.com'; 'suzrhodes@juno.com'; 'Stonecypher@istreamconsulting.com'; 'mark\_Leao@fws.gov'; 'Prescott.Brownell@noaa.gov'; 'Amanda\_Hill@fws.gov'; 'dengff@aol.com'; 'JCharlesFloyd@sc.rr.com'; 'k.westbury@saludacounty.sc.gov'; 'McKellarH@sc.dnr.gov'  
**Subject:** Draft WQ Mission Statement

Hello all,

Attached to this email is a draft of the Water Quality Mission Statement. For finalization purposes,

please let me know of any comments that you may have by January 19th. Thanks so much for you participation in this process! ~ Alison

<<Water Quality Mission Statement - draft Version.doc>>

Alison Guth  
Licensing Coordinator  
*Kleinschmidt Associates*  
101 Trade Zone Drive  
Suite 21A  
West Columbia, SC 29170  
P: (803) 822-3177  
F: (803) 822-3183

## Kacie Jensen

---

**From:** Patrick Moore [PatrickM@scccl.org]  
**Sent:** Friday, January 06, 2006 4:24 PM  
**To:** Ed Diebold; Alison Guth  
**Cc:** Alan Stuart; millerca@dhec.sc.gov; bill\_hulslander@nps.gov; marshallb@dnr.sc.gov; network@scpronet.com; camlittlejohn@yahoo.com; cheetahtk@yahoo.com; cstow@sc.edu; tufford@sc.edu; dchristie@infoave.net; tyle6544@bellsouth.net; kayakduke@bellsouth.net; gjobsis@americanrivers.org; KIRKLAGL@dhec.sc.gov; Jeff\_Duncan@NPS.gov; johned44@earthlink.net; Elymay2@aol.com; kakustafik@columbiasc.net; Keith\_Ganz\_Sarto@hotmail.com; Malcolml@mailbox.sc.edu; Lucky8Lady@aol.com; Norm@sc.rr.com; crafton@usit.net; bbull@sc.rr.com; rkidder@pbtcomm.net; RESKKEENER@PBTCOMM.Net; ahler@dnr.sc.gov; royparker38@earthlink.net; Shane Boring; bellsteve9339@bellsouth.net; ssummer@scana.com; suzrhodes@juno.com; Stonecypher@istreamconsulting.com; mark\_Leao@fws.gov; Prescott.Brownell@noaa.gov; Amanda\_Hill@fws.gov; dengff@aol.com; JCharlesFloyd@sc.rr.com; k.westbury@saludacounty.sc.gov; McKellarH@sc.dnr.gov  
**Subject:** RE: Draft WQ Mission Statement

Alison,  
The Coastal Conservation League supports these changes  
Thanks  
Patrick

-----Original Message-----

From: Ed Diebold [mailto:ediebold@riverbanks.org]  
Sent: Fri 1/6/2006 2:07 PM  
To: Alison Guth  
Cc: Alan Stuart; millerca@dhec.sc.gov; bill\_hulslander@nps.gov; marshallb@dnr.sc.gov; network@scpronet.com; camlittlejohn@yahoo.com; cheetahtk@yahoo.com; cstow@sc.edu; tufford@sc.edu; dchristie@infoave.net; tyle6544@bellsouth.net; kayakduke@bellsouth.net; gjobsis@americanrivers.org; KIRKLAGL@dhec.sc.gov; Jeff\_Duncan@NPS.gov; johned44@earthlink.net; Elymay2@aol.com; kakustafik@columbiasc.net; Keith\_Ganz\_Sarto@hotmail.com; Malcolml@mailbox.sc.edu; Lucky8Lady@aol.com; Norm@sc.rr.com; Patrick Moore; crafton@usit.net; bbull@sc.rr.com; rkidder@pbtcomm.net; RESKKEENER@PBTCOMM.Net; ahler@dnr.sc.gov; royparker38@earthlink.net; Shane Boring; bellsteve9339@bellsouth.net; ssummer@scana.com; suzrhodes@juno.com; Stonecypher@istreamconsulting.com; mark\_Leao@fws.gov; Prescott.Brownell@noaa.gov; Amanda\_Hill@fws.gov; dengff@aol.com; JCharlesFloyd@sc.rr.com; k.westbury@saludacounty.sc.gov; McKellarH@sc.dnr.gov  
Subject: RE: Draft WQ Mission Statement

Hi Alison,

Here are my suggestions.

Ed

Ed Diebold, Director of Animal Collections  
Riverbanks Zoo & Botanical Garden  
P.O. Box 1060  
Columbia, SC 29202-1060  
Phone: 803-779-8717, extension 1135  
FAX: 803-253-6381  
E-mail: ediebold@riverbanks.org

-----Original Message-----

From: Alison Guth [mailto:Alison.Guth@KleinschmidtUSA.com]  
Sent: Thursday, January 05, 2006 4:59 PM  
To: Alan Stuart; Alison Guth; 'millerca@dhec.sc.gov'; 'bill\_hulslander@nps.gov'; 'marshallb@dnr.sc.gov'; 'network@scpronet.com';

'camlittlejohn@yahoo.com'; 'cheetahtrk@yahoo.com'; 'cstow@sc.edu'; 'tufford@sc.edu';  
'dchristie@infoave.net'; 'tyle6544@bellsouth.net'; Ed Diebold; 'kayakduke@bellsouth.net';  
'gjobsis@americanrivers.org'; 'KIRKLAGL@dhec.sc.gov'; 'Jeff\_Duncan@NPS.gov'; 'johned44  
@earthlink.net'; 'Elymay2@aol.com'; 'kakustafik@columbiasc.net';  
'Keith\_Ganz\_Sarto@hotmail.com'; 'Malcolml@mailbox.sc.edu'; 'Lucky8Lady@aol.com';  
'Norm@sc.rr.com'; 'PatrickM@scccl.org'; 'crafton@usit.net'; 'bbull@sc.rr.com';  
'rkidder@pbtcomm.net'; 'RESKKEENER@PBTComm.Net'; 'ahler@dnr.sc.gov'; 'royparker38  
@earthlink.net'; Shane Boring; 'bellsteve9339@bellsouth.net'; 'ssummer@scana.com';  
'suzrhodes@juno.com'; 'Stonecypher@isteamconsulting.com'; 'mark\_Leao@fws.gov';  
'Prescott.Brownell@noaa.gov'; 'Amanda\_Hill@fws.gov'; 'dengff@aol.com';  
'JCharlesFloyd@sc.rr.com'; 'k.westbury@saludacounty.sc.gov'; 'McKellarH@sc.dnr.gov'  
Subject: Draft WQ Mission Statement

Hello all,

Attached to this email is a draft of the Water Quality Mission Statement. For finalization purposes, please let me know of any comments that you may have by January 19th. Thanks so much for your participation in this process! ~ Alison

<<Water Quality Mission Statement - draft Version.doc>>

Alison Guth  
Licensing Coordinator  
Kleinschmidt Associates  
101 Trade Zone Drive  
Suite 21A  
West Columbia, SC 29170  
P: (803) 822-3177  
F: (803) 822-3183

## Kacie Jensen

---

**Subject:** Water Quality TWC  
**Location:** Lake Murray Training Center  
  
**Start:** Tue 8/7/2007 9:30 AM  
**End:** Tue 8/7/2007 2:00 PM  
**Show Time As:** Tentative  
  
**Recurrence:** (none)  
  
**Meeting Status:** Not yet responded  
  
**Required Attendees:** Water Quality TWC

Hello All,

Just a reminder that we have a Water Quality TWC meeting next Tuesday, August 7th. As you may recall from the previous meeting, Jim and Andy have been working on the next steps to the temperature analysis/fishery habitat analysis for Lake Murray (see May 22nd meeting notes). Please RSVP to me by this Friday. Thanks, Alison

## Kacie Jensen

---

**Subject:** Water Quality TWC  
**Location:** Lake Murray Training Center  
  
**Start:** Tue 8/7/2007 9:30 AM  
**End:** Tue 8/7/2007 2:00 PM  
**Show Time As:** Tentative  
  
**Recurrence:** (none)  
  
**Meeting Status:** Not yet responded  
  
**Required Attendees:** Water Quality TWC

Hello All,

Just a reminder that we have a Water Quality TWC meeting next Tuesday, August 7th. As you may recall from the previous meeting, Jim and Andy have been working on the next steps to the temperature analysis/fishery habitat analysis for Lake Murray (see May 22nd meeting notes). Please RSVP to me by this Friday. Thanks, Alison



## Kacie Jensen

---

**Subject:** Updated: Safety RCG Meeting  
**Location:** Lake Murray Training Center

**Start:** Tue 7/31/2007 9:30 AM  
**End:** Tue 7/31/2007 1:00 PM  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

**Required Attendees:** Safety RCG; Alan Stuart; Dave Anderson; 'ARGENTIERI, WILLIAM R'; 'MAHAN, RANDOLPH R'; 'BOOZER, THOMAS C'; 'Kustafik, Karen'; 'Bill Marshall'; Bret Hoffman; Leah Wingard

Safety RCG Members,

Just a reminder that we will be having a Safety Meeting next Tuesday, July 31, 9:30 AM at the Lake Murray Training Center. As you may recall from my previous email (attached below), Col. Alvin Taylor (deputy director of the Law Enforcement Division) will be joining us to discuss the shoal marker program. Please RSVP by Friday to receive gate access and lunch. Thanks, Alison

*Previous email:*

*Safety RCG Members,*

*As you recall, at our last meeting, we talked about sending a letter to the South Carolina Department of Natural Resources to clarify some questions we had regarding the hazard marking program on Lake Murray. In this meeting, we decided that resolution of the issue would be decided on between SCE&G and the SCDNR, but we still had some questions for the DNR. Ultimately, Dave thought it would be best to invite Col. Alvin Taylor (deputy director of the Law Enforcement Division) to present some information on the shoal marking program and answer any questions we may have for him. Dave attached the previous meeting notes to the invitation, so Col. Taylor should have a good idea about the issues we have been discussing (the letter sent to Col. Taylor is attached).*

*Col. Taylor has agreed to meet with us on July 31, 2007 at the Lake Murray Training Center at 9:30. We will dedicate the entire meeting to the shoal marker program; if we get done before lunch, we will adjourn immediately after lunch.*

*Please RSVP to me if you are planning on attending.*



Letter of Inquiry to  
SCDNR (20...

**Kacie Jensen**

---

**From:** Dan Tufford [tufford@sc.edu]  
**Sent:** Thursday, June 07, 2007 3:54 PM  
**To:** Alison Guth; 'Andy Sawyer'; tbowles@scana.com; Alan Stuart; 'Amanda Hill'; 'Amy Bennett'; 'Andy Miller'; BARGENTIERI@scana.com; 'Gerrit Jobsis (American Rivers)'; 'Gina Kirkland'; Jennifer Summerlin; 'Jim Glover'; 'Jim Ruane'; turnerle@dhec.sc.gov; 'Malcolm Leaphart'; RMAHAN@scana.com; rbull@davisfloyd.com; 'Richard Kidder'; 'Roger Hall'; 'Ron Ahle'; 'Roy Parker'; Shane Boring  
**Subject:** RE: Draft Water Quality Notes

Hello Alison,

I asked for the various animations based on the WQ model to be made available on the web site. There was brief discussion about the best way to accomplish it. No decision was reached during the meeting but I was told this will be done.

Regards,  
Daniel L. Tufford, Ph.D.  
University of South Carolina  
Department of Biological Sciences  
209A Sumwalt (office)  
701 Sumter St, Room 401 (mail)  
Columbia, SC 29208  
Ph. 803-777-3292, Fx: 803-777-3292  
e-mail: tufford@sc.edu  
web: <http://www.biol.sc.edu/~tufford>

---

**From:** Alison Guth [mailto:Alison.Guth@KleinschmidtUSA.com]  
**Sent:** Monday, June 04, 2007 4:02 PM  
**To:** Andy Sawyer; tbowles@scana.com; Alan Stuart; Alison Guth; Amanda Hill; Amy Bennett; Andy Miller; Bill Argentieri; Daniel Tufford; Gerrit Jobsis (American Rivers); Gina Kirkland; Jennifer Summerlin; Jim Glover; Jim Ruane; turnerle@dhec.sc.gov; Malcolm Leaphart; Randy Mahan; rbull@davisfloyd.com; Richard Kidder; Roger Hall; Ron Ahle; Roy Parker; Shane Boring  
**Subject:** Draft Water Quality Notes

Hello All,

Attached are the draft meeting notes from the May 22nd Water Quality TWC meeting. Please have any changes or additions back to me by June 18th. Thanks! Alison

<<2007-5-22 draft Meeting Minutes - WQ TWC.doc>>

**Alison Guth**  
**Licensing Coordinator**  
**Kleinschmidt Associates**  
**101 Trade Zone Drive**  
**Suite 21A**  
**West Columbia, SC 29170**  
**P: (803) 822-3177**

## Kacie Jensen

---

**From:** Alison Guth  
**Sent:** Tuesday, May 15, 2007 11:02 AM  
**To:** Alison Guth; 'Tom Bowles (tbowles@scana.com)'; Alan Stuart; 'Amanda Hill'; 'Amy Bennett'; 'Andy Miller'; 'Bill Argentieri'; 'Daniel Tufford'; 'Gerrit Jobsis (American Rivers)'; 'Gina Kirkland'; Jennifer Summerlin; 'Jim Glover'; 'Jim Ruane'; 'Larry Turner (turnerle@dhec.sc.gov)'; 'Malcolm Leaphart'; 'Randy Mahan'; 'Reed Bull (rbull@davisfloyd.com)'; 'Richard Kidder'; 'Roger Hall'; 'Ron Ahle'; 'Roy Parker'; Shane Boring  
**Subject:** Water Quality TWC Conference call

Hello All,

Just a reminder that we have a Water Quality TWC Conference call next Tuesday, May 22. *I need to know who will be meeting at the Carolina Research Park for the call, and who will be calling in from their own offices, as there are limited lines set up for call-in's.* Please let me know by Thursday, so that we can make other arrangements, if need be. As you may recall, there was a request at the last meeting that those of us located in Columbia meet at one location for the call, however Jim Ruane and Andy Sawyer will be joining by conference call only. As mentioned above, we will be meeting at the SCE&G offices at Carolina Research Park at 9:50, as our call will commence at 10:00. If you have any questions please feel free to email me. Directions are attached below. Thanks, Alison



Carolina Research  
Park - Direc...

-----Original Message-----

**From:** Alison Guth  
**Sent:** Friday, April 13, 2007 1:49 PM  
**To:** Tom Bowles (tbowles@scana.com); Alan Stuart; Alison Guth; Amanda Hill; Amy Bennett; Andy Miller; Bill Argentieri; Daniel Tufford; Gerrit Jobsis (American Rivers); Gina Kirkland; Jennifer Summerlin; Jim Glover; Jim Ruane; Larry Turner (turnerle@dhec.sc.gov); Malcolm Leaphart; Randy Mahan; Reed Bull (rbull@davisfloyd.com); Richard Kidder; Roger Hall; Ron Ahle; Roy Parker; Shane Boring  
**Subject:** WQ Conference Call Reschedule

Hello All,

We originally had a conference call scheduled for Tuesday, May 1st for our Water Quality TWC meeting. However, Jim is still in the processes of getting some of the flow data that he needs finalized. We would like to postpone this conference call to later in the month of May. I am suggesting that we meet by conference call on either:

Friday, May 18th

Tuesday, May 22nd

Or Wednesday, May 23

Please respond back with which dates best fit in your schedule by next Wednesday and I will send out a final date.

Thanks so much, Alison

**Alison Guth**  
**Licensing Coordinator**  
**Kleinschmidt Associates**  
**101 Trade Zone Drive**  
**Suite 21A**  
**West Columbia, SC 29170**  
**P: (803) 822-3177**  
**F: (803) 822-3183**

SCE&G

111 Research Drive  
Columbia, SC 29203

#### **From Columbia Airport**

- Head WEST on I-26 (towards Spartanburg)
- Take I-20 East (towards Florence) Exit 107
- Take Exit 73, I-77 (Charlotte)
- Take Parklane Road exit
- Make a left at the stoplight, onto Parklane Road
- Cross the RR tracks and cross the intersection (Farrow Road and Parklane Road) into Carolina Research Park
- At the stop sign, make a left
- Make the next right
- The second building on the right is the SCE&G office.

#### **From Charlotte**

- Head South on I-77 (towards Columbia)
- Take Exit 19, Research Industrial Park and bear right onto Farrow Rd.
- Take the first right, which leads into the Research Industrial Park.
- At the stop sign, make a left
- Make the next right
- The second building on the right is the SCE&G office.

#### **From Downtown Columbia**

- Take Bull Street to I-277
- Take Parklane Road exit
- Make a left at the stoplight, onto Parklane Road
- Cross the RR tracks and cross the intersection (Farrow Road and Parklane Road)
- This takes you into Carolina Research Park
- At the stop sign, make a left
- Make the next right
- The second building on the right is the SCE&G office.

#### **Directions from Charleston**

- Take I-26 West to I-77 North
- I-77 to Farrow Road Exit, Bear right
- At the stoplight, turn right (into Carolina Research Park)
- At the stop sign, turn left
- Take the next right
- Second building on the right

## Kacie Jensen

---

**Subject:** Water Quality TWC Conference call  
**Location:** Carolina Research Park

**Start:** Tue 5/22/2007 10:00 AM  
**End:** Tue 5/22/2007 1:00 PM  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

**Required Attendees:** Tom Bowles (tbowles@scana.com); Alan Stuart; Amanda Hill; Amy Bennett; Andy Miller; Bill Argentieri; Daniel Tufford; Gerrit Jobsis (American Rivers); Gina Kirkland; Jennifer Summerlin; Jim Glover; Jim Ruane ; Larry Turner (turnerle@dhec.sc.gov); Malcolm Leaphart; Randy Mahan; Reed Bull (rbull@davisfloyd.com); Richard Kidder; Roger Hall; Ron Ahle; Roy Parker; Shane Boring

Hello All,

Thank you for all your responses to my earlier email requesting a new date for the Water Quality TWC Conference call. It appears that **Tuesday, May 22** is the date that best fits into everyone's schedules. Jim Ruane and Andy Sawyer will be calling in by telephone, however, there was a request at the last meeting that those of us located in Columbia meet at one location for the call. We will be meeting at the **SCE&G offices at Carolina Research Park at 9:50, as our call will commence at 10:00**. If you have any questions please feel free to email me. Also, Please RSVP by May 16th. Thanks, Alison

-----Original Message-----

**From:** Alison Guth  
**Sent:** Friday, April 13, 2007 1:49 PM  
**To:** Tom Bowles (tbowles@scana.com); Alan Stuart; Alison Guth; Amanda Hill; Amy Bennett; Andy Miller; Bill Argentieri; Daniel Tufford; Gerrit Jobsis (American Rivers); Gina Kirkland; Jennifer Summerlin; Jim Glover; Jim Ruane ; Larry Turner (turnerle@dhec.sc.gov); Malcolm Leaphart; Randy Mahan; Reed Bull (rbull@davisfloyd.com); Richard Kidder; Roger Hall; Ron Ahle; Roy Parker; Shane Boring  
**Subject:** WQ Conference Call Reschedule

Hello All,

We originally had a conference call scheduled for Tuesday, May 1st for our Water Quality TWC meeting. However, Jim is still in the processes of getting some of the flow data that he needs finalized. We would like to postpone this conference call to later in the month of May. I am suggesting that we meet by conference call on either:

Friday, May 18th  
Tuesday, May 22nd

Or Wednesday, May 23

Please respond back with which dates best fit in your schedule by next Wednesday and I will send out a final date.

Thanks so much, Alison

**Alison Guth**  
**Licensing Coordinator**  
**Kleinschmidt Associates**  
**101 Trade Zone Drive**  
**Suite 21A**  
**West Columbia, SC 29170**  
**P: (803) 822-3177**  
**F: (803) 822-3183**

## Kacie Jensen

---

**From:** Alison Guth  
**Sent:** Friday, April 13, 2007 1:49 PM  
**To:** Tom Bowles (tbowles@scana.com); Alan Stuart; Alison Guth; Amanda Hill; Amy Bennett; Andy Miller; Bill Argentieri; Daniel Tufford; Gerrit Jobsis (American Rivers); Gina Kirkland; Jennifer Summerlin; Jim Glover; Jim Ruane ; Larry Turner (turnerle@dhec.sc.gov); Malcolm Leaphart; Randy Mahan; Reed Bull (rbull@davisfloyd.com); Richard Kidder; Roger Hall; Ron Ahle; Roy Parker; Shane Boring  
**Subject:** WQ Conference Call Reschedule

Hello All,

We originally had a conference call scheduled for Tuesday, May 1st for our Water Quality TWC meeting. However, Jim is still in the processes of getting some of the flow data that he needs finalized. We would like to postpone this conference call to later in the month of May. I am suggesting that we meet by conference call on either:

Friday, May 18th

Tuesday, May 22nd

Or Wednesday, May 23

Please respond back with which dates best fit in your schedule by next Wednesday and I will send out a final date.

Thanks so much, Alison

**Alison Guth**

**Licensing Coordinator**

**Kleinschmidt Associates**

**101 Trade Zone Drive**

**Suite 21A**

**West Columbia, SC 29170**

**P: (803) 822-3177**

**F: (803) 822-3183**

## Kacie Jensen

---

**Subject:** Water Quality TWC  
**Location:** Lake Murray Training Center

**Start:** Mon 3/26/2007 9:30 AM  
**End:** Mon 3/26/2007 2:00 PM  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

**Required Attendees:** Charles Floyd; Water Quality TWC; Wayne Beam

Hello All,

After much discussion, the final meeting date chosen for the next Water Quality TWC is March 26th. We will be sending out a meeting agenda closer to the day of the meeting. However, I wanted to send out this reminder early so that everyone will be able to mark it on their calendars. Hope to see all of you there! Alison

**Kacie Jensen**

---

**From:** Jayschab@aol.com  
**Sent:** Tuesday, January 30, 2007 11:25 AM  
**To:** Alison Guth  
**Subject:** Water Level Data for Lake Murray

Hi Alison,

Thanks for the web site info on how to get water level info for Lake Murray.

I intend to make a graph of the data for the Lake Murray Association. Weekly dates.

I was able to get data from 1-1-2000 up to 9-30-2005, but had trouble from then on.

Can you give me some more help.

Thanks.

Jay Schabacker  
808-7339

**Jay Schabacker**  
**jayschab@aol.com**



**Kacie Jensen**

---

**From:** Jayschab@aol.com  
**Sent:** Friday, January 19, 2007 5:08 PM  
**To:** Alison Guth  
**Subject:** Lake Murray Lake Levels History

Is there a way you could direct me to records or a web site that lists the lake levels at various days? That is - - a history over the last few years?

Thanks for any help you can provide.

Jay Schabacker  
Lake Murray Association, Director