

Child, Ralph

From: voorhees.mark@epamail.epa.gov
Sent: Friday, October 28, 2005 9:15 PM
To: Sellars, Fred
Cc: Child, Ralph; shawn.konary@mirant.com; Alden, Leslie G.; Cooper, Charlie; williamson.tim@epamail.epa.gov; webster.david@epamail.epa.gov; papadpoulos.george@epamail.epa.gov; fein.ronald@epamail.epa.gov; nagle.john@epamail.epa.gov; voorhees.mark@epamail.epa.gov
Subject: RE: Charles River Basin Eutrophication TMDL Modeling effort.
Attachments: 2004compressed.xls

Dear Fred -

Thanks for your reply. I drafted an email with EPA's 2004 Charles Data last Monday and thought I sent it. Apparently I did not hit the send button and I apologize for the delay. I have been out of the office since Monday. Please find the 2004 data attached. Not all of the 2005 data are in yet and I'm checking on the availability of what we have for release. I'll be in touch.

I expect that the modeling report and the 1st interim TMDL report will be distributed on CD by the second week of November. As a Heads up - we plan on giving between 4 and 5 weeks of review time for submitting comments on the draft reports. This means we will be expecting comments on the reports approximately one week after the December Meeting. To gain an understanding of the modeling effort and the algorithms being used for the Charles TMDL project please refer to the EFDC model documentation and users manual. These documents have been previously provided to TRC.

If after evaluating the TMDL Model or other possible models, Mirant decides to pursue modeling the diffuser, EPA is willing to meet with Mirant to discuss the modeling approach, protocols, and expectations. Should Mirant decide to use the EFDC model that has been developed by EPA's contractors, EPA will also be prepared to discuss providing some limited technical guidance for using the model.

With respect to EPA participating in any meetings with Mirant to discuss the diffuser as it relates to the ongoing permitting process, I cannot commit EPA to participating in such meetings. Requests for any meetings concerning any aspect of the permitting process including consideration of the diffuser should be made to David Webster or Tim Williamson.

Thanks for your patience.

Mark

-----"Sellars, Fred" <FSellars@TRCSOLUTIONS.com> wrote: -----

To: Mark Voorhees/R1/USEPA/US@EPA
 From: "Sellars, Fred" <FSellars@TRCSOLUTIONS.com>
 Date: 10/27/2005 03:52PM
 cc: "Child, Ralph" <RChild@mintz.com>, shawn.konary@mirant.com, "Alden, Leslie G." <leslie.alden@mirant.com>, "Cooper, Charlie" <CCooper@TRCSOLUTIONS.com>
 Subject: RE: Charles River Basin Eutrophication TMDL Modeling effort.

Mark,

Thanks for getting back to me. I look forward to receiving the 2004 data and as much of the 2005 data as soon as possible. With respect to the TMDL model, Mirant is still very interested in assessing the feasibility of adapting the TMDL model to simulate the diffuser. Of course, we need to understand fully the model and its algorithms to determine the feasibility of its adaptation for this use. When do you anticipate distribution of the

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draft report and accompanying CDs?

We certainly understand that the focus of the upcoming meeting is on the TMDL study itself, and after we have had an opportunity to review the report and CDs, we would look forward to scheduling a separate meeting with you to discuss next steps with regard to modeling the diffuser. In that regard, I hope that you have had an opportunity to review the 2005 sampling data we recently submitted. We feel that these data further underscore the ecological benefits that would result from operation of the diffuser, and hope that this information, in concert with a modeling analysis using an adaptation of the TMDL model, if feasible, will be taken into account prior to issuance of the final NPDES permit for Kendall Station.

Thanks again for your assistance. I look forward to the upcoming review of the TMDL model.

Fred

Frederick M. Sellars

Senior Vice President

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From: voorhees.mark@epamail.epa.gov [mailto:voorhees.mark@epamail.epa.gov]

Sent: Friday, October 21, 2005 5:53 PM

To: Sellars, Fred

Cc: rchild@mintz.com; williamson.tim@epamail.epa.gov; fein.ronald@epamail.epa.gov;
voorhees.mark@epamail.epa.gov

Subject: RE: Charles River Basin Eutrophication TMDL Modeling effort.

Dear Fred -

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I can send you the 2004 data on Monday and will have to check on the availability of the 2005 data. Some of the results are probably still at the lab. I will let you know the status on Monday. We have not done any extra sampling to support the TMDL over and above what will be included in the data that I'll be sending you.

Is Mirant still interested in adapting the TMDL model for the diffuser analysis? Please be aware that the modeling report and the upcoming meeting to present the results of the model is focused on conditions for the TMDL study and will not address the diffuser. For the meeting we will be limiting the discussions to the TMDL model. As modeling for allocation scenarios has not been done we will not be discussing permitting issues at this meeting. If Mirant is interested in adapting the TMDL model or using another model for the diffuser analysis, EPA will be available to discuss diffuser modeling needs with Mirant separately.

Thanks,

Mark

-----"Sellars, Fred" <FSellars@TRCSOLUTIONS.com> wrote: -----

To: Mark Voorhees/R1/USEPA/US@EPA
From: "Sellars, Fred" <FSellars@TRCSOLUTIONS.com>
Date: 10/21/2005 11:08AM
cc: rchild@mintz.com
Subject: RE: Charles River Basin Eutrophication TMDL Modeling effort.

Mark,

I am pleased to hear that the draft modeling report and first interim TMDL report for the Charles River Basin eutrophication TMDL project is nearing completion. I know you have spent considerable time and effort in this important undertaking, and I look forward to participating in the review process.

Both to prepare in advance for the most meaningful input into that process, as well as to further the Kendall Station NPDES permit proceedings, as I indicated in my voice mail message this morning, I am requesting a copy of the Clean Charles 2005 Water Quality Report - Core Sampling Program data for 2004 and 2005. The latest version on the EPA web page is for 2003, published in November 2004. That suggests that the 2004 data should be available, but that the 2005 data may still be under review. I understand that in the past we were able to obtain the data still in review prior to publication, with the understanding, of course, that the data were still in draft form. Given the importance of these data in finalizing the Kendall NPDES permit as well as for use in evaluating the model and TMDL report, I hope you will be able to accommodate this request.

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Also, I would like to request any additional field data that were obtained from special studies in the Charles River in support of the TMDL (e.g., algae species measurements, etc.).

Could you please let me know as soon as possible when you think you might be able to provide the requested information as well as your sense for when the modeling presentation meeting will be scheduled?

Thanks again for your assistance. I look forward to the upcoming presentation on the modeling effort.

As always, please do not hesitate to contact me with any questions regarding this request.

Fred

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Lowell , Massachusetts 01852
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-----Original Message-----

From: voorhees.mark@epamail.epa.gov
[<mailto:voorhees.mark@epamail.epa.gov>]
Sent: Monday, October 17, 2005 3:59 PM
To: steven.chapra@tufts.edu; kwagner@ensr.com; Wright@EGR.URI.EDU; numeric@comcast.net; LBLAKE@neiwpc.org; Kevin.Brand@state.ma.us; Todd.Callaghan@state.ma.us; paul.dipietro@state.ma.us; aeleria@crwa.org; faber.tom@epamail.epa.gov; john.hamrick@tetrattech-ffx.com; elaine.hartman@state.ma.us; ferdi@coe.neu.edu; Russell.Isaac@state.ma.us; shawn.konary@mirant.com; andrew.parker@tetrattech-ffx.com; npickering@crwa.org; schofieldam@bwcs.org; Sellars, Fred; gerald.szal@state.ma.us; David.Taylor@mwra.state.ma.us; voorhees.mark@epamail.epa.gov; walshrogalski.william@epamail.epa.gov
Subject: Charles River Basin Eutrophication TMDL Modeling effort.

Dear Group:

The time has come for us to make plans to distribute the draft modeling report and 1st interim TMDL report for the Charles River Basin eurtrophication TMDL project. As you may recall, the modeling effort to simulate algal dynamics in the Basin began in late 2002. The modeling report will present the development of the model and the results of the calibration process. The interim TMDL report represents the first sections of what will eventually become the TMDL report and includes a discussion on water quality, the impairments and pollutants of concern.

Also, in the near future, CRWA will be contacting you to schedule a meeting for presenting the modeling effort.

The purpose of this email is to let you know that the reports will soon be available for your review and that we plan on distirbuting the reports on CDs in order to save production time and possibly paper. Distributing the reports on CDs will be quicker and will allow more time

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For you to review the reports prior to the meeting. Please let me know if the CD presents a problem for you.

Please take a look at the following table to ensure that we have your correct contact information.

Thanks and don't hesitate to contact me at 617 918-1537

Mark

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