

*Stephen and Mary Jane Dix
2 Coult Lane
Old Lyme, CT 06371
(860) 391-2040*

August 21, 2013

Bonnie,

My earlier e-mail responded to news that OCB and OLS are proceeding with sewer designs and the fact that I feel that the associations need to wait for the W&C study to ensure that they move forward with the lowest cost solution. The currently proposed solution of going to New London hurts everyone. The town cannot afford to lose the economy of scale that I feel is essential to the success of local treatment. I still feel very strongly about this issue as operating costs are not very sensitive to flow or population. The fixed cost/year of operation makes it very important that we provide sufficient economy of scale to pay for the operation of a local treatment system. At the very least, Kurt should ask W&C to give the Board the estimated cost for operation with and without these two associations. Given that many are seasonal cottages, the units should be presented in dollar per year per equivalent dwelling unit. This allows people like Demetri's, with a building with 6? units, to understand the cost of larger scale units.

I applaud your first response to seek to meet with the beach community officials given the two engineering reports that clearly show that Fuss and O'Neal's financial analysis is unrealistically low. David quoted figures on expansion or upgrade costs for other towns. They need to understand what each cottage will be paying for this in their annual rates along with the upgrades needed to the transmission lines and lift stations. Forget the large numbers, as they cannot be understood. Everything needs to be in unit cost per year. I would further suggest that you invite DEEP officials to this meeting so that everyone understands what is on the table here and can answer any questions such as how they came up with Point of Woods paying a \$200 a year capital cost. Given this understanding, then you can compare apples to apples and can determine if a local solution is much less expensive.

There is another issue that I addressed briefly at the meeting that has taken me a few days of reflection before I could really speak out further on it. LAI presented hydraulic modeling data on four sites at their interview. Their hydraulic experts looked at the town situation using soil data and found one more potential site beyond those proposed in the original plan. They unwisely accelerated this analysis in recognition of DEEP's deadlines and wanting to make sure this work was done very quickly to avoid the above-mentioned situation. Kurt is absolutely right that these other sites must be evaluated and that the local capacity should be defined using multiple sites.

From what was said at this meeting, I have to question if W&C is the best firm to do this work given how long it has taken to date and the results thus far. I'm familiar with LAI's track record, as they focus primarily on soil-based solutions, which rarely include any type of discharge. They know national engineering practice in this regard and could be very effective in showing DEEP how sites are evaluated and how successful projects operate. AS DEEP experience in this regard is very limited and they are extremely risk averse, this could be an asset. Working from a national perspective to support "new" designs could therefore be much easier to get approved. The difference could be an expansion of the hydraulic potential of the proposed sites and might not require use of other sites, given this experience.

I appreciate your attention to these matters and I hope the obstacles that have manifested do not become insurmountable barriers.

Stephen Dix

Steve,

Bonnie Reemsnyder forwarded to the WPCA your communications to her regarding the town's current study. This matter comes under the charter of the WPCA and the members welcome your comments however we ask that you communicate directly with the WPCA in the future to ensure that the entire commission is cognizant of issues that may help with future assessments. To ensure openness and transparency, all correspondences received by the WPCA is entered into the minutes and reviewed by the members.

On behalf of the WPCA I want you to know that we share your disappointment that as we conducted the study, the two beaches moved forward, unfortunately with the DEEP's cooperation. Nevertheless we continued our process and are looking at the information with and without those associations participating in a local solution so I am not sure why you thought otherwise. Understand it is the WPCA and this administrations policy not to interfere with the ultimate decisions of these associations.

The estimated cost was always going to be presented as you indicated in regard to each unit as well as in total and we are confident that Woodard & Curran will present a comprehensive final report on a timely basis. We are in full support of their timetables. I also do not know what gave you the idea Woodard & Curran favored a regional option involving New London. Their findings and comments thus far have been to the contrary. Please also note the DEEP has been to a number of our meetings and we have met with them in Hartford.

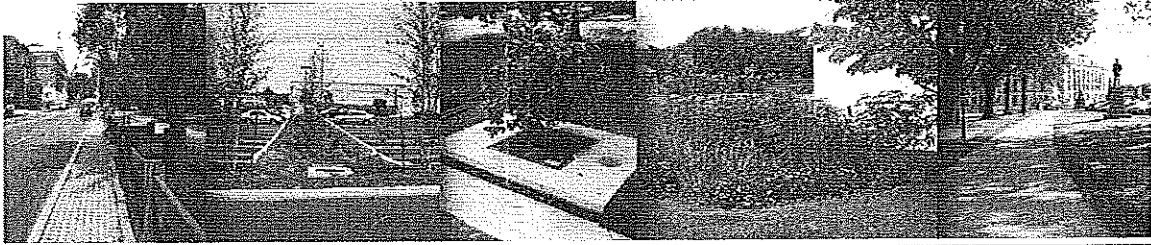
The land indicated in the Lombardo study as well as other parcels were reviewed and any properties not being included at this juncture were found to be either not feasible for use or unavailable. While the WPCA/Task Force appreciated the Lombardo efforts and information, we have moved on and feel quite comfortable Woodard & Curran can address our current and future requirements. For example, W & C's detailed study of the Cherrystones parcel revealed that the use of that land was far overestimated in the original study and now we have accurate capacity information.

Much of what you stated in your letter of August 21 is contrary to the minutes of our meetings and the discussions at both our meetings and information sessions. I also wonder why, when you were given the opportunity to mention these things at our August 15th Public Comment, you did not. I suggest you may get a more expedited response if you direct your correspondence to the WPCA or our Sanitarian Sonia Marino as requested. You can email the WPCA through our clerk at cfrank@virtualltownhall.net or directly to me at kjzrmb@msn.com.

Kurt J Zemba

Kurt J Zemba
Old Lyme WPCA Chairman

cc: WPCA
File: Correspondence



Connecticut Green Infrastructure Symposium
Thursday, September 19, 2013 9:00 am - 3:30 pm
Courtyard by Marriott — Cromwell

Program

9:00 am	Welcome and Opening Remarks	Daniel C. Esty , Commissioner, Connecticut Department of Energy and Environmental Protection (DEEP)
9:10 am	Why Embrace Green Infrastructure (GI) and Low Impact Development (LID)?	Betsey Wingfield , Chief, DEEP Bureau of Water Protection and Land Reuse (WPLR)
9:30 am	Overcoming the Top 3 Barriers to GI/LID Implementation	Michael Dietz , UConn/NEMO Program: Long-term Life Span of Practices James Houle , University of New Hampshire Stormwater Center: Performance in Winter Conditions Jay Drew , Green Capitals Project, Hartford: Operation and Maintenance Issues
10:15 am	Break	
10:30 am	Laying a Municipal Foundation for GI/LID	Leah Schmalz , Save the Sound: Green Infrastructure Feasibility Scan, Bridgeport and New Haven
11:00 am	Municipal Panel: Realizing GI/LID Opportunities, Benefits, and Incentives	Moderator: Rob Hust , Assistant Director, DEEP WPLR Planning and Standards Division Panel: Kim Barbieri , Land Use Office, City of Torrington Martin Connor , Department of Land Use, Town of Goshen Hiram Peck , Planning and Land Use Department, Town of Simsbury Linda Farmer , Planning and Community Development, Town of Tolland Jim Michel , Department of Public Works, Town of Greenwich
12:00 pm	Lunch	
1:00 pm	Costs of LID vs. Conventional Infrastructure Development	Jonathan Ford , Morris Beacon Design
1:15 pm	Overcoming Obstacles and Creating Opportunities	Caroline Vary , Jonathan Rose Companies, Metro Green, Stamford: Urban Redevelopment Challenges Robert Scully , CT Department of Public Health: Onsite Wastewater Considerations Rich Miller , Director, UConn Office of Environmental Policy: GI/LID Implementation Efforts
2:00 pm	Private Sector Perspectives on Overcoming Barriers	Ken Hrica , Hrica Associates Matthew Jones , Hazen and Sawyer
2:30 pm	Break	
2:45 pm	Closing Session: Help Us Help You—Flesh-out municipal financial and technical assistance needs	Moderator: Mary-beth Hart , Senior Coastal Planner, DEEP WPLR Office of Long Island Sound Programs

Register Now!

Kurt J Zemba RMB

From: Dave Prickett [dprickett@woodardcurran.com]
Sent: Tuesday, September 10, 2013 9:11 AM
To: Kurt J Zemba RMB (kjzrmb@msn.com)
Subject: Updated Preliminary/Draft Costs
Attachments: Visio-2013.09.10_Updated Preliminary Cost Summary.pdf

Hi Kurt,

AS you know this project is quickly evolving, and we're developing a cost range for each alternative. However, when we tabulate the mid-range cost for both alternatives, the net annual costs are very similar. Attached is an updated graphic and cost table. I'd consider this a working draft, wince we'll be refining the details throughout the day. But this should help set the tone for the meeting this evening.

Thanks,
Dave

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9/10/2013

Kurt J Zemba RMB

From: David Prickett [dprickett@woodardcurran.com]
Sent: Monday, September 09, 2013 9:22 AM
To: Kurt J Zemba RMB
Subject: RE: Old Lyme project status

Hi Kurt,

We met with East Lyme and Waterford on Friday. Here's a brief summary...

East Lyme – Don Iannicelli and I met with Brad Kargl (Water & Sewer) and Paul Formica (First Selectmen). We gave them an overview of our task (local versus regional) for the Old Lyme beach communities (as a whole). They gave us a copy of the 2007 F&O capacity analysis report. They are concerned about too much flow coming from Old Lyme, given their old pump stations. East Lyme does not want to re-open their intermunicipal agreement (IMA) with New London and Waterford. East Lyme is still very much in a sewer growth mode, and may have future flows in excess of its 1.5 mgd allotment. We then toured all four common pump stations, and I believe they have major capital needs in the next few years, together with serious capacity concerns. Our updated costs will reflect our assumptions based on what we heard and observed. ✓

Waterford – We met with Tali Soto (Chief Engineer) and Jim Bartelli (Asst. Director). We provided them with a project overview. They too are concerned about receiving more than one or two beach neighborhoods from Old Lyme. They only have one common pump station, and it's robust and recently updated, but they're still concerned. They are done with their sewer growth mode and have used most of their 3.0 mgd allotment. They also reiterated strong opposition to any IMA changes. They provided us with a copy of their Facilities Plan and the force main plans from their Pump Station to the New London WPCF.

Overall – We heard from both communities that New London has the most to gain from the regional alternative. They want to sell part of their 5.5 mgd allotment to upstream communities. Since the Waterford Pump Station discharges directly to the New London WPCF, the regional plan doesn't impact their collection system infrastructure at all. Their win is that if they sell capacity, their share of future capital needs will be reduced. We are meeting with New London today, and will confirm some of the few remaining variables on the regional alternative. Once we check these boxes, it will be down to reuse options for the local alternative and whether additional sub-surface disposal sites (in addition to Cherrystone) are needed for the local alternative.

I'll have more later today...

Thanks,
 Dave

From: Kurt J Zemba RMB [mailto:kjzrmb@msn.com]
Sent: Wednesday, September 04, 2013 9:39 PM
To: David Prickett
Cc: 'Bonnie Reemsnyder'; 'Sonia Marino'
Subject: RE: Old Lyme project status

This is a good report Dave, and our position is to do it right, the timetable is less of a concern with the status of the two beaches OLS and OCB moving forward right now. We are not inclined in the least to move to any solution involving New London based on what we heard so far and expect your findings to identify further empirical evidence to confirm that inclination. Bonnie has meetings scheduled next week to address the lack of support, cooperation and the mixed messages we were getting from DEEP. I suspect a better level of cooperation going forward as she gently rocks the boat. Your meetings with those towns are important to all and we can always schedule additional meetings to add facts as you gather the information. Do not let Carlos push it.

However I do need a private abbreviated summary- a few pages as best you can to be sent to Bonnie by the weekend and cc me for her to use in her meetings with our legislators and with possible people from the Governors office. It should be in more simple summary terms and will not be entered into our minutes as it is only a draft of the summary and not the actual product in the WPCA's opinion but it can be helpful to Bonnie in Monday meetings. Thanks for all

9/10/2013

the effort

Kurt J. Zemba

From: David Prickett [<mailto:dprickett@woodardcurran.com>]
Sent: Wednesday, September 04, 2013 2:00 PM
To: Kurt J Zemba RMB (kjzrmb@msn.com)
Subject: FW: Old Lyme project status

Hi Kurt,

I spoke with Carlos a couple of times since he sent the email below. I told him that we are first trying to fill all of the boxes for capital cost variables, prior to the WPCA meeting on 9/10, before refining the broad cost ranges. I told him the emphasis is on the downstream sewers related to the regional alternative, and that we have meetings with East Lyme, Waterford and New London before our meeting on 9/10. Carlos said that there is a 2007 down-stream capacity study by F&O (we're getting a copy tomorrow). I said that he is welcome to attend the meeting on 9/10, and he said that he may do so. I said I would respond with firm deliverable dates after I confirm the schedule with WPCA on the 10th. He said okay, and we agreed to try to set up a meeting for the last week in September to review data, observations, preliminary conclusions, etc... I said that we'll soon need preliminary feedback on conceptual reuse alternatives in order for us to assess how technologies "new" to Connecticut might be received by CT-DEEP. They are very focused on Cherrystone, but I reminded Carlos that Cherrystone can be a key part of the local alternative, but it is not the only local disposal alternative, just the first one that was studied in detail. I reiterated that reuse alternatives are real and need to be considered. I'm a week behind on the Preliminary Summary Report, due in large part to the timing of the meetings with the downstream communities. It's all about having credible, defensible and objective details and costs now... I'll provide another update early next week in advance of the WPCA meeting. Let me know if anything comes up on your end.

Thanks,
 Dave

From: Esguerra, Carlos [<mailto:Carlos.Esguerra@ct.gov>]
Sent: Thursday, August 29, 2013 10:09 AM
To: David Prickett
Cc: Jay Sheehan; 'breemsnyder@oldlyme-ct.gov'; 'kjzrmb@msn.com'; Greci, Dennis; Hart, Michael
Subject: Old Lyme project status

Hi Dave,

In checking the project timeline, I was wondering when DEEP can expect to receive for an initial review and comment, your evaluation of the site conditions and capacities. Given the proposed project milestones, we would like to have sufficient opportunity to conduct a preliminary review and offer technical comments on the overall viability of implementing proposed alternatives and possible reuse and treatment alternatives before final opinions on cost and technical feasibility are developed. As you may agree, one of the main deciding factors for establishing the overall economic and technical feasibility of this project will rely in part on the hydraulic capacity of the Cherrystones site, the number of homes that could be serviced and applicable regulations.

Please let me know when would you expect to have this information available, we can coordinate a meeting with you and the town to discuss in more detail some of the alternatives and the overall acceptability of any recommended alternatives. Thanks.

Best Regards,

Carlos A. Esguerra

9/10/2013