



Water Supply District of Acton

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ACTON, MASSACHUSETTS 01720

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Board of Water Commissioners

Meeting Agenda

Monday, August 13, 2018 @ 7:30 PM

- **Comments from Citizens**
- **Approve minutes of July 16th meeting**

OLD BUSINESS:

- Follow-up on request from Green Acton for participation in the 1,4-Dioxane forum planned for Thursday, 10/25
- Update and discussion of Water Resources workshop scheduled for Saturday, 9/22

NEW BUSINESS:

Any agenda item(s) which did not come to the attention of the Board of Water Commissioners 48 hours prior to this meeting and were not reasonably anticipated

EXECUTIVE SESSION-- To consider the purchase, exchange, lease or value of real property

 DRAFT

A. Comments from Citizens

B. Approve Minutes of June 18th Meeting

C. New Business:

1. Common Ground Development Corp for Request for Waiver of Fees to Connection to the District's System for the "Residences at Kelly's Corner" Senior Housing.
2. Request from Green Acton for Commissioner's Participation in 1,4-Dioxane Forum.

D. Old Business:

1. Update on Conditions at 104 Powdermill Road (Balco Property) Related to Land Lease with the District.

Present at Tonight's Meeting:

Commissioners: Ronald Parenti (Chair), Stephen Stuntz, Erika Amir-Lin
District Manager: Chris Allen
District Treasurer: Mary Jo Bates
District Counsel: Mary Bassett
Commissioners Secretary: Lynn Protasowicki
Finance Committee: Charles Bradley
WLMAC: Barry Rosen
Green Acton: Lucy Kirshner

The Board of Water Commissioners meeting was called to order at 7:30 PM on Monday, July 16, 2018 at the Acton Water District office by Mr. Parenti.

A. Comments from Citizens

Mr. Rosen would like to know who on the Board will be attending the water resources strategic meeting on September 22nd workshop. Confirmed attending are Ms. Amir-Lin and Mr. Parenti; Mr. Allen and Mr. Stuntz are a tentative yes. This meeting is to help the Town of Acton design its water study. The Town of Acton is paying for a professional facilitator. The Board of Selectmen. Town of Acton is hosting this public forum.

B. Approve Minutes of June 18th Meeting

Mr. Stuntz motioned to approve the minutes of June 18, 2018. Ms. Amir-Lin seconded the motion and it was unanimously approved.

C. New Business

1. Common Ground Development Corp for Request for Waiver of Fees to Connection to the District's System for the "Residences at Kelly's Corner" Senior Housing.

This item is no longer necessary on this evening's agenda. There was a misunderstanding on the developer's side who thought that the fees were going to cost approximately \$1 million. but Mr. Allen spoke with the developer and clarified that the actual cost is closer to \$100K. The developer then cancelled his request for a waiver.

2. Request from Green Acton for Commissioner's Participation in 1,4-Dioxane Forum.

Ms. Kirshner stated that Green Acton Water Committee wants to hold various public sessions to discuss different water topics. They would like to start with the topic of 1,4-dioxane and want to have experts in this topic present to the public. They would like three guest speakers to talk about the hydrogeology; the health concerns; the clean-up process; and then have questions/answers from public. Mr. Allen suggested that Matt Mostoller, AWD Environmental Manager, would be a good person to speak; he is extremely knowledgeable on this contaminant, and has been tracking it for a decade. He's also previously conducted technical presentations on 1,4-Dioxane in the past for various water works organizations. Ms. Kirshner mentioned that this session will be held in the evening sometime in October in Room 204.

Other New Business:

1. Drought Task Force – Mr. Allen mentioned that the task force met on July 12th and continues to urge water conservation - we are in a drought watch in our area of the state. Demand has been relatively minimal, and very manageable for the District.
2. Mr. Parenti mentioned that a friend attended the West Acton discussion about expansion of the sewer district into West Acton. Mr. Parenti was told by his friend that Tuttle Road folks turned down sewerage a few years back. During the course of this process, they were under the impression based on information provided that septic systems were polluting the water supply. This assumption is still being used in these discussions. Mr. Parenti suggested that the District may want to get involved in these discussions. Mr. Allen mentioned that the District is providing comments to the Acton Selectmen: where they are planning to put sewer lines on Tuttle Road: future well site: less septic less contamination. Woodward & Curran does contract operations for wastewater for the Town and they did the study for sewerage in this area.

D. Old Business

1. Update on Conditions at 104 Powdermill Road (Baldco Property) Related to Land Lease with the District.

Mr. Allen provided an update to the Commissioners on the conditions at 104 Powdermill Road related to the land lease with the District. Currently the District has a land lease with Baldco Property who owns the radio tower which broadcasts Money Matters Radio. The owner of Baldco, Susan Armstrong, had a land survey done. Based on the aerial view of the impacted parcels, it shows that Mr. Tom Dexter of DH Loam has encroached into Zone I property which is owned by Ms. Armstrong. The District will continue to work with her to resolve this zoning issue. The current lease has been renewed for one year, and will not be renewed long-term until the issue is appropriately addressed.

On July 10th, Mr. Allen, Counselor Bassett and Mr. Mostoller met with Susan Armstrong on her property to review the results of the land survey. Counselor Bassett stated that the District does not own the property so we don't have any standing to take legal action against Mr. Dexter. The District is trying to encourage Ms. Armstrong to do the right thing. Since this is a zoning issue, the Town of Acton should be taking action. Mr. Dexter is conducting business on property where he shouldn't. He could not get a special permit and could not get one on her property because it's on Zone I and Zone II Groundwater Protection District land. She has to enforce her rights. Counselor Bassett suggests that the Commissioners consider giving her another one-year land lease to allow her more time to resolve the issue.

Other Old Business:

1. Micro Grid Study Meeting: The consultant, Margaret Campbell, is guiding the District through the study that is funded by a state grant through the MA Clean Energy Center (MA CEC). Of the three parties involved, the Town of Acton is on board with participation in the study (Paul Campbell Town Engineer will represent the town). But, the consultant has not heard back from the owners of the Stop & Shop plaza, the third participant.

Mr. Parenti moved to adjourn the meeting at 8:50 PM and it was unanimously approved.

WRAC Workshop Proposed Schedule:

8:30-9:00	Coffee
9:00-10:00	General Session
10:00-11:30	Breakout Session #1
11:30-12:30	Lunch
12:30-2:00	Breakout Session #2
2:00-2:15	Break
2:15-2:45	Citizens' Report
2:45-3:30	Group Reports
3:30-4:00	Conclusions & Summary
4:00	End (possible overtime could happen)


WRAC Workshop Proposed Scenarios & Breakout Groups:

Scenario #1: The rate of water consumption in Acton begins to exceed the amount permitted by the Water Management act.

First Session

Selectman: Janet
 AWD: Matt
 WRAC: John Cipar (WLMAC)
 Conservation committee member
 Planning Board Member
 Fire Department

Second Session

Selectman: Joan
 AWD: Chris
 WRAC: Barry
 Director of Planning
 Land use (Selby)

Scenario #2: Contamination enters a well field and renders it not useful for foreseeable future.

First Session

Selectman: Jon
 AWD: Erika
 WRAC: Ron B.
 Director of Health
 Fin Com member

Second Session

Selectman: Katie
 AWD: Ron P.
 WRAC: Lucy
 Conservation Comm member
 Natural Resources
 Board of Health member

Scenario #3: A large organization wants to construct a number of buildings in Acton

"technical district."

First Session

Selectman: Katie
 AWD: Steve
 WRAC: Barry
 Natural Resources
 Director of Planning

Second Session

Selectman: Peter
 AWD: Erika
 WRAC: Bob
 Planning Board Member
 ZBA member

Scenario #4: Stow approaches Acton to seek a mutually beneficial water supply

First Session

Selectman: Peter
AWD: Ron P.
WRAC: Lucy
Town manager
Land Use (Selby)

Second Session

Selectman: Jon
AWD: Steve
WRAC: Ron B.
Fire Department
Director of Public Works

Scenario #5: Town needs to site another waste water treatment discharge site to accommodate disposal for failing septic systems.

First Session

Selectman: Joan
AWD: Chris
WRAC: Bob
Board of Health member
Director of Public Works
ZBA member

Second Session

Selectman: Janet
AWD: Matt
WRAC: John Cipar (WLMAC)
Director of Health
Fin Com member
Town manager

1,4-Dioxane Forum

Chris Allen

From: Matt Mostoller
Sent: Wednesday, July 25, 2018 4:02 PM
To: Kastens, Kim
Cc: Water (core); Chris Allen
Subject: RE: educational panel discussion on 1,4-dioxane

Hi Kim,

Yes, let's set up a time to talk things over and see how to proceed.

Friday would work best for me, would you and Lucy be available by 11? We can meet at my office or somewhere else in Town, it's up to you.

-Matt

Matthew Mostoller
Environmental Compliance Manager
Water Supply District of Acton

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

From: Kastens, Kim [<mailto:kastens@ideo.columbia.edu>]
Sent: Tuesday, July 24, 2018 8:43 AM
To: Matt Mostoller <Matt@actonwater.com>
Cc: Water (core) <water-core@greenacton.org>
Subject: educational panel discussion on 1,4-dioxane

Hi Matt,

Welcome back; hope you had a good vacation.

Green Acton is planning a public educational panel discussion on 1,4-dioxane in groundwater and drinking water. This will be in October, following the WRAC Water Workshop in September.

The format we have in mind is 3 panelists, each making a short presentation, followed by extensive Q&A. I will be the moderator. The three types of expertise planned are hydrology, toxicology, and environmental engineering. Mark Smith of MassDEP has agreed to join us for human health/ toxicology. Acton resident Dan Groher of the Army Corps of Engineers will be the environmental engineering panelist.

For the hydrologist, we invited Erika Amir-Lin. But she deferred to you.

The group planning the event are open to the idea of having you as a panelist--but also frankly concerned about conflicts of interest that could undermine the credibility and effectiveness of the event.

Would you be interested in considering participating in such a panel? If so, could you meet with Lucy Kirshner and me to talk about what the goals of the event are, what the hydrology talk would cover, and how to minimize conflicts of

interest? Lucy and I would be available to meet with you any time on Thursday this week, or any time after 10:30 on Friday. (Carolyn Kiely is the 3rd member of the water-core group, but she is out of town.)

(One other consideration might be scheduling: The dates under consideration for the panel are Wed Oct 10, Wed Oct 23, and Th. Oct 24.)

Thanks for considering this request,
Kim



VIA E-MAIL

P.N. 117-3008104
August 13, 2018

Mr. Chris Allen
District Manager
Water Supply District of Acton
693 Massachusetts Avenue, PO Box 953
Acton, Massachusetts

RE: 1,4-Dioxane Sampling Results Q2, W. R. Grace Superfund Site, Acton, Massachusetts

Dear Mr. Allen:

The quarterly groundwater sampling round for 1,4-dioxane was completed on July 19, 2018. The laboratory data sheets for the 1,4-dioxane analyses are attached to this letter. The following table summarizes the Q1 1,4-dioxane results.

Location	1,4-Dioxane
Assabet 1A	0.32
Assabet 2A	<0.20
Christofferson	NA
Lawsbrook	0.12J
Scribner	0.21 (0.21 duplicate)

Concentrations in µg/L: J – Estimated Value. NA=Well was off-line at time of sampling

If you have any questions regarding this information, please call me at (978) 952-0121 or Thor Helgason at (781) 642-8775.

Sincerely,

Edward Dolan
Project Manager

cc: Lydia Duff, W. R. Grace
Christopher Smith, EPA
Jennifer McWeeney, MassDEP
Jack Guswa, JG Environmental
Thor Helgason, demaximis, inc.
Paul Bucens, W. R. Grace
Matt Mostoller, AWD
Seth Jaffe, Foley Hoag

Client Sample Results

Client: Tetra Tech GEO
Project/Site: WR Grace Acton

TestAmerica Job ID: 480-139269-1

Client Sample ID: SCRIBNER

Date Collected: 07/19/18 11:55

Date Received: 07/20/18 01:15

Lab Sample ID: 480-139269-4

Matrix: Water

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.21		0.20	0.069	ug/L		07/26/18 13:30	07/26/18 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	95		46 - 130	07/26/18 13:30	07/26/18 21:03	1

Client Sample ID: SCRIBNER-DUP

Date Collected: 07/19/18 12:00

Date Received: 07/20/18 01:15

Lab Sample ID: 480-139269-5

Matrix: Water

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.21		0.20	0.069	ug/L		07/23/18 11:20	07/25/18 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	63		46 - 130	07/23/18 11:20	07/25/18 17:08	1

Client Sample ID: ASSABET-1A

Date Collected: 07/19/18 11:05

Date Received: 07/20/18 01:15

Lab Sample ID: 480-139269-6

Matrix: Water

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.32		0.20	0.069	ug/L		07/23/18 11:20	07/25/18 17:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	71		46 - 130	07/23/18 11:20	07/25/18 17:23	1

Client Sample ID: ASSABET-2A

Date Collected: 07/19/18 11:10

Date Received: 07/20/18 01:15

Lab Sample ID: 480-139269-7

Matrix: Water

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.069	ug/L		07/23/18 11:20	07/26/18 09:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	68		46 - 130	07/23/18 11:20	07/26/18 09:25	1

Client Sample ID: LAWSBROOK

Date Collected: 07/19/18 12:10

Date Received: 07/20/18 01:15

Lab Sample ID: 480-139269-8

Matrix: Water

Method: 522 - 1,4 Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.12	J	0.20	0.069	ug/L		07/23/18 11:20	07/25/18 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8 (Surr)	67		46 - 130	07/23/18 11:20	07/25/18 17:51	1

TestAmerica Buffalo