



WEBVTT

1

00:00:00.000 --> 00:00:02.909

Gerald L Clarke: To assure a correct

2

00:00:04.380 --> 00:00:05.100

Gerald L Clarke: Recording

3

00:00:06.270 --> 00:00:13.769

Gerald L Clarke: Of what is said by not just the committee, but any public attendee, this meeting is now being recorded.

4

00:00:14.969 --> 00:00:18.150

Gerald L Clarke: So just be mindful. The meeting is now recording

5

00:00:19.350 --> 00:00:24.270

Gerald L Clarke: The committee members. If you respond, just in case you're done.

6

00:00:27.060 --> 00:00:29.070

Gerald L Clarke: So far, how's it Greco whom

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00:00:29.370 --> 00:00:30.360

Greg K: I'm here. Can you hear me.

8

00:00:31.020 --> 00:00:31.530

Yes, sir.

9

00:00:34.050 --> 00:00:35.460

Carol Lisbon: How that Justin just said she's

10

00:00:35.460 --> 00:00:36.720

Rein Uritam: Yeah, I'm here.

11

00:00:37.680 --> 00:00:43.020

Gerald L Clarke: Oh, where were you know you are just in case you're attempt Ron Myrick.

12

00:00:43.710 --> 00:00:44.190

President

13



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00:00:45.390 --> 00:00:56.370

Gerald L Clarke: And I'll you note that we have a vacancy with the resignation of Carol sure coach and I'm involved as chair of the planning board.

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00:00:58.290 --> 00:01:04.920

Gerald L Clarke: I'm going to dispense with the review of the minutes of the previous meeting, we can handle that, at the next meeting.

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00:01:06.090 --> 00:01:08.220

Gerald L Clarke: So I'm going to go right into the

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00:01:09.420 --> 00:01:17.640

Gerald L Clarke: Committee's review and any public comments on the hydrology report and the presentation that was made on June 3

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00:01:18.990 --> 00:01:25.620

Gerald L Clarke: As you can see, during the meeting all of this is accessible publicly

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00:01:28.050 --> 00:01:38.130

Gerald L Clarke: That folder at that link contains, not just the report its dependencies its findings in the like if you have not previously been aware of that.

19

00:01:39.150 --> 00:01:45.000

Gerald L Clarke: So I'm Ron, why don't you start, what are your thoughts on the report and the presentation.

20

00:01:48.570 --> 00:02:00.930

ron.myrick: I thought the report was we looked through that several times and I think it was always quite positive. And I think the refinements that occurred over the last three or four months as we incorporate a few additional

21

00:02:01.410 --> 00:02:16.050

ron.myrick: Concepts really made it a very useful and and and strong tool for us to use going forward. So it's a good baseline. Look at the conditions in the town and will provide a useful.

22

00:02:16.800 --> 00:02:17.430

ron.myrick: Can be

23

00:02:19.020 --> 00:02:19.500

ron.myrick: Intact

24

00:02:20.910 --> 00:02:28.230

Gerald L Clarke: Do you have any thoughts on at a summary and of the conclusions in that summary section seven



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25

00:02:28.920 --> 00:02:29.580

Initial

26

00:02:32.130 --> 00:02:37.260

ron.myrick: Not directly. I mean, we've talked about a few of these things. I don't have anything additional and say okay

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00:02:38.730 --> 00:02:40.050

Gerald L Clarke: Justin can European

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00:02:41.220 --> 00:03:05.310

Rein Uritam: Fans on I think know we the report, as you know, basically, is the beginning of the battle five year collection of data on the amount of ground water that we have in town. So, as I understand the report and it has to be used in context, to see if we're

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00:03:06.360 --> 00:03:18.630

Rein Uritam: The amount of rainfall and snowfall etc that we get in various years actually mirrors what the groundwater is showing in the monitoring wells that were dug

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00:03:19.770 --> 00:03:26.160

Rein Uritam: It is possible that we might be sucking up more water from other sources, then

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00:03:28.050 --> 00:03:42.240

Rein Uritam: That are elsewhere. And that's why we put in all those monitoring wells as far as quality of water is concerned, the only substances thing that showed up in the report was solved. Right, like other than magnesium and iron which is

32

00:03:44.130 --> 00:03:45.450

Rein Uritam: Water in over

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00:03:46.890 --> 00:04:00.450

Rein Uritam: The long term, I think is pretty obvious. If anyone's read. I hope everyone who's listening in on this zoom meeting, by the way, Jerry thing. I think this one's going better than the other one. Technically, right.

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00:04:01.530 --> 00:04:05.010

Rein Uritam: Everyone can hear everyone being led in etc etc.

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00:04:06.270 --> 00:04:15.330

Rein Uritam: Yeah, anyway, everyone should read as far as I'm concerned, the Kleinfeld report, you will see recommendations and they pertain to

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00:04:16.110 --> 00:04:25.440

Rein Uritam: Obviously conservation methods as far as people in Dover, whether they're in wells for colonial water or other public water supplies getting

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00:04:26.010 --> 00:04:29.280

Rein Uritam: a handle on how much water they are using

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00:04:30.090 --> 00:04:42.180

Rein Uritam: Which is at least in colonial situation is more than what the state recommends as far as private well owners like myself, we really don't know what our water uses because it's not metered

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00:04:42.630 --> 00:04:52.620

Rein Uritam: And so there's a big outreach and conservation that needs to be done to homeowners of all kinds, whether they're on public water supplies or on private wealth.

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00:04:53.010 --> 00:04:58.920

Rein Uritam: You saw in the recommendations. Again, I'm just repeating what to the record, you really should read the report.

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00:04:59.550 --> 00:05:06.330

Rein Uritam: There's also a regulatory as we know component about this, like, we will no doubt be discussing later on in today's meeting.

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00:05:06.930 --> 00:05:18.780

Rein Uritam: Go getting mass, the EP to better regulate public water suppliers, including colonial. Okay. So yes, I thought the report for the scope of work that was defined in the report.

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00:05:19.170 --> 00:05:26.820

Rein Uritam: did a fine job and I certainly am glad that Ron above the professional in this industry is on our committee.

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00:05:27.330 --> 00:05:36.570

Rein Uritam: And and we're also looking for other people as Jerry just mentioned to join our committee because we had one person who felt that she couldn't

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00:05:37.380 --> 00:05:54.360

Rein Uritam: Continue working on her committee because she's involved in another committee in town. So if anyone's interested in reading the report and pursuing the goals that are recommended in it, please contact Jerry Clark, who is the chairman of our community. Okay, that's a

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00:05:55.410 --> 00:05:56.130

Gerald L Clarke: Thank you.



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00:05:58.320 --> 00:05:58.920

Gerald L Clarke: Grid.

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00:05:59.280 --> 00:06:00.000

Gerald L Clarke: cocoon.

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00:06:00.390 --> 00:06:01.050

It so much

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00:06:02.430 --> 00:06:09.060

Greg K: I don't really have anything to add. I think that we're not going to see anything you know huge until we have like a

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00:06:10.470 --> 00:06:11.700

Greg K: Drought cycle that we go through

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00:06:13.470 --> 00:06:15.690

Gerald L Clarke: With respect to that.

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00:06:17.250 --> 00:06:22.920

Gerald L Clarke: On the next meeting of the Massachusetts water resource commission is coming up.

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00:06:24.120 --> 00:06:36.840

Gerald L Clarke: And I expect to see the hydrology precipitation reports that show that we are in fact entering a pre drought stage, even today, just as

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00:06:38.280 --> 00:06:40.950

Gerald L Clarke: Possible warning as to the summit.

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00:06:42.630 --> 00:07:01.530

Gerald L Clarke: We are currently several inches below average for the were actually four inches below average for the year, which is shocking considering how many substantial individual rainstorms we had, but that's exactly what we talked about two years ago and have continued to present as the

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00:07:02.130 --> 00:07:03.570

Gerald L Clarke: Source of some misconceptions

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00:07:05.640 --> 00:07:06.510

Rein Uritam: I'm sorry.

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00:07:08.940 --> 00:07:10.560

Me. I'll have to mute Justine.

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00:07:11.880 --> 00:07:13.170

Gerald L Clarke: Carol has been Europe.

61

00:07:15.030 --> 00:07:33.450

Carol Lisbon: Thank you. Well, I agree with everything that Ron and Justine has said, I thought, Kirsten did a wonderful job of distilling a very long on data intensive report into a PowerPoint presentation that was meaningful to the public as well.

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00:07:35.040 --> 00:07:46.380

Carol Lisbon: I know that there was there's some there was some discussion that even though it was a good start to data collection that that maybe it wasn't specific enough with recommendations and strategy.

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00:07:47.070 --> 00:07:57.990

Carol Lisbon: I've heard that from an individual, I totally just agree with that. I think that the recommendations are exactly what's appropriate for a study of this ilk.

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00:07:59.130 --> 00:08:10.530

Carol Lisbon: And it's. Anyone been saying that this is the start of a long process. It was presented that way, a town meeting when the town was generous enough to fund \$150,000 to start this

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00:08:10.530 --> 00:08:19.380

Carol Lisbon: Process. So I'm in. I'm incredibly employee credit incredibly pleased with this. And I think the recommendations are

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00:08:20.430 --> 00:08:31.860

Carol Lisbon: broad enough where we can start putting together quite a substantive implementation and strategic as well as tactical plan to address what we can, given the situation.

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00:08:32.970 --> 00:08:33.630

Gerald L Clarke: Thank you.

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00:08:36.360 --> 00:08:40.050

Gerald L Clarke: I don't differ with anything that was said, I know that.

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00:08:41.190 --> 00:08:54.300

Gerald L Clarke: There were actually more than three and a half years of significant effort that went into the resulting report, it is publicly available I call any attendees.

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00:08:54.990 --> 00:09:10.710



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Gerald L Clarke: Attention to the link that is showing here if you cannot find it. Otherwise, you can always write health at Dover ma.org moving on then from that, I would ask for emotion from the committee.

71

00:09:12.060 --> 00:09:25.860

Gerald L Clarke: to authorize the expenditure of monies from the remaining balance of the appropriation in the amount of \$6,900 to undertake.

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00:09:26.940 --> 00:09:38.790

Gerald L Clarke: The next round of measurements and monitoring and drawing of water from the various monitoring wells and that would include the analysis.

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00:09:39.480 --> 00:09:51.090

Gerald L Clarke: As well as the replacement of well number six, which failed and would best be replaced at another location nearby.

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00:09:51.720 --> 00:09:58.710

Gerald L Clarke: Can be in the monitoring wells for those who are not aware of it. We installed 14 and

75

00:09:59.310 --> 00:10:11.670

Gerald L Clarke: over a very short period found one went dry and then subsequently a second one we did replace the first. Now we want to replace the second which is well number six. So I asked for emotion.

76

00:10:12.180 --> 00:10:26.160

Gerald L Clarke: to authorize the expenditure of the remaining balance in the amount of \$6,900 to undertake the next cycle of measurements monitoring and reporting. Do I hear a second

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00:10:26.700 --> 00:10:27.990

Greg K: Second, Greg.

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00:10:30.210 --> 00:10:31.320

Gerald L Clarke: Actually I made the motion.

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00:10:33.990 --> 00:10:38.430

Rein Uritam: And this Jerry point of information. This is out of the hundred and 50,000 that was already

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00:10:38.640 --> 00:10:39.690

Gerald L Clarke: This is correct.

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00:10:39.720 --> 00:10:42.810

Gerald L Clarke: We have unexpected balance. Sure.

82



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00:10:43.710 --> 00:10:48.030

Carol Lisbon: And Jerry. Does that, does that cover what we making emotion for

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00:10:49.050 --> 00:10:50.430

Gerald L Clarke: It does the

84

00:10:52.020 --> 00:10:55.770

Gerald L Clarke: I will tell you it's been difficult to get a resolution as to the exact amount

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00:10:56.160 --> 00:10:56.640

Carol Lisbon: Yeah yeah yeah

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00:10:57.570 --> 00:11:06.660

Gerald L Clarke: We don't need to go into the accounting. But yes, we, we, the end the Board of Health have the funds without calling on anyone else to pay for this.

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00:11:07.860 --> 00:11:08.910

Carol Lisbon: In this fiscal year.

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00:11:09.330 --> 00:11:12.420

Gerald L Clarke: In this fiscal year, which is of course critical right

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00:11:12.750 --> 00:11:19.950

Carol Lisbon: Very good. So we will if Kleinfeld doesn't get to it in the next 13 days and we will uncover the funds.

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00:11:20.670 --> 00:11:27.780

Gerald L Clarke: Kleinfeld it has indicated that they are absolutely going to complete this this fiscal year.

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00:11:28.170 --> 00:11:29.760

Carol Lisbon: Including the new new well

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00:11:31.080 --> 00:11:38.070

Gerald L Clarke: They believe they will otherwise they will have build us in anticipation and will income for it. Excellent.

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00:11:38.100 --> 00:11:44.040

Gerald L Clarke: Thank you. Actually, I should we let me correct myself. They've actually submitted a proposal which could be

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00:11:47.010 --> 00:11:48.150

Carol Lisbon: Wrong. Okay, thank you.



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00:11:48.720 --> 00:11:50.430

Gerald L Clarke: Any further discussion with the committee.

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00:11:51.150 --> 00:11:52.770

ron.myrick: Here is the proposal available.

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00:11:54.300 --> 00:11:55.710

Gerald L Clarke: I will be glad to.

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00:11:57.690 --> 00:12:04.950

Gerald L Clarke: Actually, I just received it. I will put it in the client folder folder. Unless you want me to email it to you.

99

00:12:05.880 --> 00:12:07.260

ron.myrick: Either way, okay.

100

00:12:10.380 --> 00:12:17.430

Gerald L Clarke: For the Community's benefit. I should say that almost everything we discussed where our documents. These are online and accessible.

101

00:12:18.450 --> 00:12:22.830

Gerald L Clarke: Any further discussion on the emotion to expand these funds for the second round.

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00:12:25.260 --> 00:12:33.780

Gerald L Clarke: Hearing none, could I get a roll call plays since that's what we now under Open Meeting Law in these zoom meetings need to do, just in case your written

103

00:12:34.080 --> 00:12:36.180

Gerald L Clarke: Yes, para Lisbon.

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00:12:36.420 --> 00:12:38.460

Gerald L Clarke: Yes, great Cahoon

105

00:12:38.610 --> 00:12:39.180

Greg K: Yes.

106

00:12:39.690 --> 00:12:41.670

ron.myrick: Ron Myrick. Yes.

107



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00:12:42.090 --> 00:12:47.670

Gerald L Clarke: And share Karen Clark. All in favor, Karen, please. So record.

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00:12:50.220 --> 00:12:50.700

Your issue.

109

00:12:53.670 --> 00:12:56.790

Gerald L Clarke: Well, presumably sheet right. Okay, the second

110

00:12:57.840 --> 00:13:00.270

Gerald L Clarke: Matter that I would like you to consider.

111

00:13:01.320 --> 00:13:03.600

Gerald L Clarke: And this is dependent upon

112

00:13:03.660 --> 00:13:04.770

Gerald L Clarke: The town meeting.

113

00:13:06.210 --> 00:13:07.050

Gerald L Clarke: Results.

114

00:13:08.160 --> 00:13:13.770

Gerald L Clarke: And the determination of fiscal year 21 budgeting.

115

00:13:15.390 --> 00:13:16.650

Gerald L Clarke: I have a proposal.

116

00:13:18.000 --> 00:13:20.520

Gerald L Clarke: Cost of \$7,500

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00:13:21.750 --> 00:13:42.750

Gerald L Clarke: Which actually are funds that already were in the board of Health's fiscal year 21 report. So this is not new money, it would simply be assuming that the town meeting does go forward and approve the budget.

118

00:13:45.090 --> 00:13:56.130

Gerald L Clarke: 70 \$500 for further extended work through the remainder of the year of fiscal 21 additional rounds of additional reports.

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00:13:56.640 --> 00:14:13.320



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Gerald L Clarke: So that it represents over some 30 hours of analysis, time and again, the issue of project administration and monitoring. This is to ensure that in the next year we continue to do what we said we're going to do continue to accumulate data.

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00:14:14.850 --> 00:14:15.090

Gerald L Clarke: So,

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00:14:15.990 --> 00:14:18.690

Carol Lisbon: Many how many collection times. Does that include

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00:14:19.950 --> 00:14:22.740

Gerald L Clarke: We are currently working on the basis of twice a year.

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00:14:26.430 --> 00:14:28.590

Gerald L Clarke: Unless rolling. You feel we should go to quarterly

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00:14:30.660 --> 00:14:35.490

ron.myrick: I think twice per year is fine because the transducers are measuring continuously

125

00:14:36.240 --> 00:14:36.870

So,

126

00:14:38.070 --> 00:14:43.530

ron.myrick: I did have something that I wanted to bring up about periodic monitoring.

127

00:14:43.590 --> 00:14:47.910

Rein Uritam: Hey Sarah on and so meeting I call you back. It's the water committee report.

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00:14:48.150 --> 00:14:49.860

Gerald L Clarke: Which food. Okay.

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00:14:52.170 --> 00:14:52.680

Gerald L Clarke: Go ahead.

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00:14:53.940 --> 00:14:54.330

ron.myrick: Oh,

131

00:14:54.660 --> 00:14:56.370

Rein Uritam: Thank you. Thanks. Bye bye.

132



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00:15:00.570 --> 00:15:02.070

Gerald L Clarke: When she comes back and going to ask

133

00:15:03.360 --> 00:15:03.870

Rein Uritam: Sorry.

134

00:15:04.260 --> 00:15:06.390

Gerald L Clarke: Would you do us a favor. If you're going to take some other

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00:15:06.540 --> 00:15:07.860

Rein Uritam: Yeah muted.

136

00:15:08.250 --> 00:15:08.700

Yeah.

137

00:15:10.230 --> 00:15:10.680

Gerald L Clarke: Go ahead.

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00:15:11.100 --> 00:15:22.890

ron.myrick: Well, I think, I think it's important to have the professional in this case likely client folder or if another professional comes on board that entity, do the the evaluation formally on

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00:15:23.520 --> 00:15:36.840

ron.myrick: every six month basis, but I had a thought that, um, my son's a 15 year old and he's looking for community service hours. So he would be interested if the committee's interested and if the town's interested

140

00:15:37.500 --> 00:15:49.410

ron.myrick: Doing monthly checks, going to the 15 wells and just gauging the level. So we have direct measurements continuously in case there was something that went wrong with one of the transducers. So just

141

00:15:49.500 --> 00:15:51.330

ron.myrick: Just a thought. And something to discuss

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00:15:51.930 --> 00:15:55.320

Gerald L Clarke: WELL, I CAN THE DEPTHS gauge

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00:15:56.850 --> 00:16:06.840

Gerald L Clarke: He could handle it properly trained the difficulty in determining whether the transducers are in operation or not requires

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00:16:08.250 --> 00:16:10.920



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Gerald L Clarke: Certain electronic equipment and software.

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00:16:12.000 --> 00:16:26.250

Gerald L Clarke: I've been with them when it's been done. It's it, you actually are bringing the transducer up and directly connecting it to a notebook computer and downloading the data. So

146

00:16:26.700 --> 00:16:39.240

ron.myrick: Yeah, just that that be touched, or modified, but the probe itself, which I do this for a living. So I could train him. He can lower down collector measurement as a spot check for that month.

147

00:16:39.570 --> 00:16:40.050

Gerald L Clarke: And that was

148

00:16:40.740 --> 00:16:55.080

ron.myrick: The extent of it so monthly checks were what used to be a fairly critical summer. We're already seeing dry periods and it will just be a way to corroborate the electronic data on a monthly basis at least

149

00:16:55.140 --> 00:16:56.040

ron.myrick: So just an idea.

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00:16:56.250 --> 00:16:57.900

ron.myrick: That I'd like to consider.

151

00:16:57.960 --> 00:16:58.500

Gerald L Clarke: It's a

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00:16:58.560 --> 00:17:01.020

Gerald L Clarke: It's a good idea. As long as will

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00:17:01.050 --> 00:17:04.200

Gerald L Clarke: obviously have to talk to you about it.

154

00:17:06.060 --> 00:17:13.590

Gerald L Clarke: The worlds of course unlocked and will have to address with you and your son and client folder.

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00:17:15.930 --> 00:17:20.070

Carol Lisbon: I think, I think the detail details aside to be worked out.

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00:17:21.360 --> 00:17:26.910

Carol Lisbon: That concept that Ron has brought up, I think is a good one. I would hate to see



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157

00:17:28.230 --> 00:17:39.750

Carol Lisbon: You know, five and a half months in that we go into our, our semiannual data collection to find out that we've lost five months worth of data because something broke down.

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00:17:40.890 --> 00:17:42.930

Gerald L Clarke: Oh, I don't think you find that because

159

00:17:44.580 --> 00:17:54.750

Gerald L Clarke: Whoever whether it's one son or someone else. No one's touching the transducer, this would be to measure the depth, what we would find out within a month time is if a well had gone drop

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00:17:55.320 --> 00:17:57.960

Carol Lisbon: Yeah, and which case we don't have any data.

161

00:17:58.230 --> 00:18:16.590

Gerald L Clarke: Which is which would be early warning. Yep, exactly. So Ron. I agree. We'll have to work out the details, but going back again. I have a motion to authorize the expenditure in fiscal 21 out of funds that are either available in the sales budget, even if the town meeting does not

162

00:18:18.540 --> 00:18:27.780

Gerald L Clarke: Alter or if the town meeting does, then it certainly there 70 \$500 to continue this process for the full year fiscal 21

163

00:18:28.200 --> 00:18:39.900

Rein Uritam: We're hearing, excuse me, but not only just the point of clarification, since we have over 60 people listening to this meeting today. Please, though some people have asked me.

164

00:18:40.830 --> 00:18:46.260

Rein Uritam: What really the purpose of this is long term. In other words, they've made an analogy.

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00:18:46.680 --> 00:18:59.910

Rein Uritam: Between our collecting of water at the ground level to what's going on with coronavirus as far as all the testing that's going on. I think we have some idea about testing with coronavirus that the whole thing is to

166

00:19:00.930 --> 00:19:12.540

Rein Uritam: Isolate people who are spreading the virus to other people, but with our water study what is I've been asked explicitly, but we'd like you to share with the rest of the audience today.

167

00:19:13.440 --> 00:19:23.220

Rein Uritam: What is the long term goal of knowing what is going on with our water depth. So these wells that are being monitored.



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168

00:19:24.840 --> 00:19:29.940

Gerald L Clarke: To get into the kogut I turned it over to K in a moment, but separating that up.

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00:19:30.330 --> 00:19:31.050

Rein Uritam: Briefly.

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00:19:31.500 --> 00:19:35.850

Gerald L Clarke: And just looking at the question of why continue to check data.

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00:19:37.650 --> 00:19:53.100

Gerald L Clarke: The concern is, and that was anecdotal evidence over the years as well reported in the Conservation Commission planning board about other bodies as we saw various surface level streams become impeded

172

00:19:53.970 --> 00:20:09.990

Gerald L Clarke: And as we've seen in the Board of Health, as is reported in the hydrology study the loss of wells, the need to frack existing wells or replace wells, there is this concern about the amount of water that is available and how much is being drawn

173

00:20:11.160 --> 00:20:23.700

Gerald L Clarke: The intent of the monitoring is to provide us a ongoing set of data that allows us to understand in comparison to the precipitation that falls.

174

00:20:24.210 --> 00:20:38.730

Gerald L Clarke: How that precipitation and the consumption interact with the amount of water that we find in the monitoring wells, which is the basis for our understanding of the availability of water for drinking purposes.

175

00:20:40.050 --> 00:20:41.310

Gerald L Clarke: It is a baseline.

176

00:20:42.180 --> 00:20:52.290

Rein Uritam: If I want might be some of the specific actions that might be proposed one says data is collected over a long five years.

177

00:20:53.370 --> 00:20:58.620

Gerald L Clarke: We'll get into the mandate because Carol has been made sure that we will cover that topic when we get to the mandate.

178

00:20:59.010 --> 00:21:02.490

Carol Lisbon: All right. May I respond to just a little bit.

179



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00:21:04.920 --> 00:21:12.600

Carol Lisbon: Just to you know you you and you and me in our files right so i i went back earlier this morning.

180

00:21:13.320 --> 00:21:26.280

Carol Lisbon: And found some information back in 2016 2017 area as we were working on all this and I have a document here that I just like to quickly read a paragraph from I'm assuming

181

00:21:26.880 --> 00:21:34.710

Carol Lisbon: Unfortunately, it may be a script that was used, maybe by Jerry or somebody else as we are getting a town approval for this.

182

00:21:35.310 --> 00:21:51.360

Carol Lisbon: But just to give a little bit of history which which will answer some of the questions that you've been you've been asked and I read from a report or request dated April 18 2017 during the discussion involving the

183

00:21:51.360 --> 00:21:54.390

Gerald L Clarke: Attitude Kurt. Kurt. Can you wait one second, and I'll bring that up.

184

00:21:55.500 --> 00:21:56.610

Carol Lisbon: You have it. Is it yours.

185

00:21:58.500 --> 00:21:58.830

Gerald L Clarke: Please.

186

00:21:59.580 --> 00:22:10.740

Carol Lisbon: Okay. During the discussion involving the acquisition of 46 Springdale in the May to November 2014 period, the issue of doors worn a quantity and quality is once against raised

187

00:22:11.970 --> 00:22:19.470

Carol Lisbon: subsequent discussions that the Board of selectmen on March 10 2015. That was me, actually, to create a water study committee.

188

00:22:21.240 --> 00:22:30.660

Carol Lisbon: In summary, without a firm grasp of the current state of the various water supplies to Dover's households and limited understanding of future availability of water.

189

00:22:31.650 --> 00:22:39.810

Carol Lisbon: Not plan for future development or we act to solve the failure of wells, or well systems. And I think those are those are the two

190

00:22:41.310 --> 00:22:49.290



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Carol Lisbon: Goals of spending this money and continue their data collection process is that we are flying blind when it comes to

191

00:22:50.520 --> 00:23:08.730

Carol Lisbon: How do we address wells that that that fail. How do we address future development and and water, and we're certainly living through that right now with colonial and this will help a lot. Without data we have absolutely no basis for any reasonable discussion.

192

00:23:09.960 --> 00:23:12.750

Carol Lisbon: With Powers That Be at the local and state level.

193

00:23:14.100 --> 00:23:15.810

Carol Lisbon: To adjust the water problem in Dover.

194

00:23:16.410 --> 00:23:23.910

Rein Uritam: Yes, and Jerry and Carol. As you can see, Bob South office ask this question, Jerry.

195

00:23:24.480 --> 00:23:28.080

Gerald L Clarke: I'd like to hold off on that because that will get to that, but

196

00:23:28.560 --> 00:23:31.920

Rein Uritam: But it's on topic now for people who may be coming on.

197

00:23:32.220 --> 00:23:34.920

Rein Uritam: Coming into our meeting. I'm not sure everyone's going to

198

00:23:34.920 --> 00:23:40.200

Rein Uritam: Stay to go in a sequential one and a half hour meeting, could you possibly

199

00:23:40.620 --> 00:23:46.170

Gerald L Clarke: I think everyone's waiting for nine o'clock when the Open Meeting Law will allow us to discuss the major topic.

200

00:23:47.850 --> 00:23:51.240

Gerald L Clarke: Can we at least deal with this motion so we can get it off the

201

00:23:52.470 --> 00:23:53.040

Rein Uritam: Vine.

202

00:23:53.550 --> 00:23:55.380

Rein Uritam: Co presented. Yes.



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203

00:23:55.560 --> 00:23:59.340

Gerald L Clarke: Go prove that expenditure again a repeat to

204

00:24:01.350 --> 00:24:01.860

Gerald L Clarke: Last

205

00:24:06.030 --> 00:24:10.440

Gerald L Clarke: Expenditure 70 \$500 in fiscal 21

206

00:24:11.700 --> 00:24:12.360

Rein Uritam: Some

207

00:24:12.840 --> 00:24:13.410

Second,

208

00:24:14.790 --> 00:24:16.500

Gerald L Clarke: Roll Call Carol has been

209

00:24:17.100 --> 00:24:17.610

Carol Lisbon: Yes.

210

00:24:18.390 --> 00:24:21.540

Gerald L Clarke: Just didn't come here again. Greg Cahoon

211

00:24:23.010 --> 00:24:23.550

Greg K: Yes.

212

00:24:23.910 --> 00:24:26.070

ron.myrick: Ron Myrick. Yes.

213

00:24:26.640 --> 00:24:28.050

Gerald L Clarke: Clark. Yes. Okay.

214

00:24:29.430 --> 00:24:32.220

Gerald L Clarke: Robert took off, who is the individual

215

00:24:33.750 --> 00:24:38.520

Gerald L Clarke: Probably misstated. I'll say he's the water operator he handles the Glen ridge.



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216

00:24:39.660 --> 00:24:56.850

Gerald L Clarke: And I believe also the Middlebrook public water supplies, which are supplied water by Natick public water questions. How does a shallow. Well, by the way, this corresponds to all of the whales. Excuse me.

217

00:24:58.650 --> 00:24:59.940

Gerald L Clarke: All of the wells that

218

00:25:01.350 --> 00:25:09.180

Gerald L Clarke: public water supply companies have public water supply companies have shallow wells and they are typically between 25 and 45 feet.

219

00:25:11.130 --> 00:25:18.690

Gerald L Clarke: Oh, hey guys, how does that relate to homeowners wells, which can in fact be

220

00:25:19.740 --> 00:25:36.480

Gerald L Clarke: Up over 1000 feet deep of Ron, do you want to address that the issue of does the water level in the monitoring wells, or in the public water supply wells, which are roughly the same depth relate to deep water driven wells.

221

00:25:37.890 --> 00:25:52.830

ron.myrick: Absolutely. So most deep bedrock wells are collecting water and shallow bedrock depths. So if you have 1000 foot depth. Well, you're probably not getting a whole lot of water 1000 feet, most of it might be coming in.

222

00:25:53.370 --> 00:26:02.610

ron.myrick: Between 50 and 100 feet deep and the fractures decrease as you go deeper. So, but so that well actually acts more as a storage reservoir as you get deeper

223

00:26:03.210 --> 00:26:06.810

ron.myrick: There certainly could be some water contribution deeper, but for the most part.

224

00:26:07.260 --> 00:26:23.970

ron.myrick: you're relying upon more shallow water to infiltrate through soils into the fractures of Iraq to feed the deeper wells. So if the shallow aquifer, the overburden, as we call it above bedrock back aquifer is depleted.

225

00:26:24.750 --> 00:26:36.390

ron.myrick: In the proximity of where your bedrock well is you're not getting that infiltration down to feed your bedrock well so you could certainly have a dry. Well that's 1000 feet deep.

226

00:26:37.830 --> 00:26:49.500

ron.myrick: That's, that's just being starved of water on the surface. So these shallow wells provided an indication if the overall water table, there's a connection between the upper water and the bedrock water.



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227

00:26:50.220 --> 00:27:00.450

ron.myrick: And if there's a starvation of water at the surface in that overburden water, you could see a direct correlation to what's actually making it into your deeper bedrock well

228

00:27:01.230 --> 00:27:08.460

Gerald L Clarke: For the public understand this, you should think of the fact that when you ever driven. Well, the metal casing.

229

00:27:09.720 --> 00:27:27.660

Gerald L Clarke: That is above ground and hopefully it's 18 inches above ground at the wellhead. To the point that it enters the bedrock may only be 30 or 4050 or so feet in length there after there was no metal casing. It's a drill for through the rock.

230

00:27:28.800 --> 00:27:37.500

Gerald L Clarke: And that goes all the way down to however deep that well is and the pump is typically set up at about 20 feet or so above the bottom so you don't pick up gravel.

231

00:27:38.130 --> 00:27:51.870

Gerald L Clarke: It's the pump and that entire column of empty space represents your storage that stack is your stored water over and above what you have in your storage tank in your basement.

232

00:27:54.900 --> 00:27:57.810

Gerald L Clarke: Does that soak up. Does that answer your question.

233

00:28:00.630 --> 00:28:02.400

Gerald L Clarke: I don't know if he's owned or not can tell

234

00:28:04.290 --> 00:28:07.530

Gerald L Clarke: Does anyone else have any question on his question that

235

00:28:09.180 --> 00:28:12.720

Gerald L Clarke: Oh, OK, so moving on.

236

00:28:19.680 --> 00:28:26.130

Gerald L Clarke: So going forward in this next year. These are what we see as our test.

237

00:28:27.960 --> 00:28:30.960

Gerald L Clarke: And it is derivative from the original mandate.

238

00:28:32.100 --> 00:28:38.850



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Gerald L Clarke: That the board of selectmen gave to the Board of Health in the water resource committee. Now some four years ago.

239

00:28:41.190 --> 00:28:47.430

Gerald L Clarke: I won't read all of these, I would point out to the public that there is a Massachusetts

240

00:28:49.200 --> 00:28:51.960

Gerald L Clarke: Standard under the Water Management Act.

241

00:28:53.430 --> 00:29:13.740

Gerald L Clarke: And as promulgated by the water resource commission of the Commonwealth and implemented in the drug management task force that sets a standard of 65 gallons per day per person as the standard daily consumption.

242

00:29:15.060 --> 00:29:25.170

Gerald L Clarke: And the Commonwealth is striving to have municipalities and residents meet that standard or below that amount.

243

00:29:27.630 --> 00:29:33.540

Gerald L Clarke: There are grants that have been issued in the past few years by those state bodies.

244

00:29:34.890 --> 00:29:58.530

Gerald L Clarke: To municipalities predominantly to undertake education or other programs to assist the communities in having residents understand the need to do this and find ways to do this. This is included such as education programs publicity programs offering

245

00:29:59.820 --> 00:30:06.570

Gerald L Clarke: At low or no cost devices such as low flow.

246

00:30:07.590 --> 00:30:27.840

Gerald L Clarke: faucets low flow other devices so as to reduce consumption. It is a major consideration and concern of the Commonwealth. The 2016 drug woke everybody up and has now been said several times today we are currently in a pre drug status.

247

00:30:29.160 --> 00:30:39.090

Gerald L Clarke: So the committee has had the opportunity to read the mandate, I'd ask hobo around Carol has been your thoughts on the different elements of the mandate.

248

00:30:40.230 --> 00:30:50.160

Carol Lisbon: Well, as I said in when you asked us for opening remarks, I think they reflect the the recommendations that were in the report and

249



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00:30:51.570 --> 00:31:03.180

Carol Lisbon: They are ones that are doable. I think that we can make them substantive enough to actually make some real progress in Dover in addressing the issue.

250

00:31:04.320 --> 00:31:11.370

Carol Lisbon: I would say that, I think, on a personal basis. I think that while it's a laudable goal.

251

00:31:12.390 --> 00:31:16.530

Carol Lisbon: Having Dover, get down to the 65 gallons.

252

00:31:18.330 --> 00:31:19.890

Carol Lisbon: Number, I think, is

253

00:31:21.240 --> 00:31:24.390

Carol Lisbon: Is only laudable and probably is not attainable.

254

00:31:25.410 --> 00:31:26.730

Carol Lisbon: For a variety of reasons.

255

00:31:28.290 --> 00:31:36.390

Carol Lisbon: Justin mentioned earlier that one of the problems we have is that when you have two thirds of the town with their private wells that we have no way of measuring

256

00:31:37.200 --> 00:31:47.760

Carol Lisbon: So even if we were committed on an individual basis or household basis to 65 we have no way of knowing how successful. We're going to how successful we are in reaching that goal.

257

00:31:48.900 --> 00:32:02.550

Carol Lisbon: I think the size of the properties and the number of irrigated lawns makes it almost impossible to get to that. And that can be addressed somewhat by an education program.

258

00:32:03.480 --> 00:32:17.040

Carol Lisbon: So that we could possibly reduce the amount of irrigation that's going on in Dover during the summer months. But again, it's voluntary and it's not measurable. So I think those are two hurdles that can have a significant impact on that goal.

259

00:32:18.270 --> 00:32:18.660

Carol Lisbon: That's all.

260

00:32:19.860 --> 00:32:32.760

Gerald L Clarke: They're visible questions. I just want to mention as it was stated in the agenda the item six, a which is the discussion of a public water supply company.



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261

00:32:33.780 --> 00:32:38.490

Gerald L Clarke: That arose after the publishing of the agenda. According to Open Meeting Law.

262

00:32:38.910 --> 00:32:57.750

Gerald L Clarke: And therefore, the earliest time and date that a revised agenda could be published was 9am Monday morning and 48 hours must have left. So, we will take up that matter when we are able to under Open Meeting Law, which will presumably be on or just after 9am this morning.

263

00:33:00.000 --> 00:33:01.380

Gerald L Clarke: Of trusting

264

00:33:02.100 --> 00:33:15.720

Rein Uritam: Um, well, yes. I'm a little more optimistic than Carol about the ability of residents in Dover to achieve the 65 gallons per person per day withdrawal. Why am I so optimistic because already

265

00:33:16.590 --> 00:33:27.900

Rein Uritam: Throughout watersheds and Massachusetts, especially the Ipswich watershed up north where water draw downs for Wells is in a crisis mode, basically.

266

00:33:28.740 --> 00:33:35.370

Rein Uritam: They're already instituting restrictions on people's use of water.

267

00:33:35.670 --> 00:33:47.670

Rein Uritam: What would those restrictions, be they could be, for instance, installation, although I don't know if this is true in Ipswich so you have to put a caveat. Maybe someone from STP can educate us all about this.

268

00:33:48.390 --> 00:33:57.750

Rein Uritam: You could possibly put water meters on private wells. That's one way of frankly getting knowledge about how much myself included.

269

00:33:58.200 --> 00:34:11.700

Rein Uritam: Are using another thing that's going on is irrigation systems, either the prohibition of them or the mandate that irrigation systems for lawns, which are not necessary, at least from a health point of view.

270

00:34:12.510 --> 00:34:29.760

Rein Uritam: Be curtailed modified in some respect. So I think it's eminently possible Carol, with all due respect to you as my Crowley, that we can achieve it. I'm not saying it's going to happen overnight. But first of all, people have to be aware

271

00:34:30.240 --> 00:34:39.450



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Rein Uritam: And I think this is where your campaign Carol makes a lot of sense that people who are especially new to Dover, not like myself.

272

00:34:39.990 --> 00:34:58.830

Rein Uritam: Who grew up in part on a farm in Iowa and always knew that water was a limited resource that people who are new to Dover, who are used to being supplied their water by the NWA quabbin reservoir, which is a much bigger.

273

00:35:00.150 --> 00:35:14.370

Rein Uritam: Supply water than we have in Dover that urban people in my opinion, are going to have to start thinking more like rural people, which is really what Dover is as far as its availability currently

274

00:35:14.760 --> 00:35:25.710

Rein Uritam: Have an adequate supply of water. So I will just agree to disagree about our ability to get to the 65 gallons per person per day other than that.

275

00:35:26.100 --> 00:35:37.620

Rein Uritam: I think Jerry's we've certainly under Jerry's leadership. The committee has been working with going into Boston Jerry primarily occasionally Jerry brings me along

276

00:35:38.040 --> 00:35:53.340

Rein Uritam: To talk to the state about the fact that there are only as most people know, and Jared, correct me if I'm wrong. It's about 60%. Is that right, and Massachusetts residents are on the MW RA Robin supply

277

00:35:54.210 --> 00:35:56.910

Gerald L Clarke: Okay. The to get those numbers over again for the

278

00:35:56.940 --> 00:36:08.280

Gerald L Clarke: County or the MW array is dependent on the call BEEN IN THE WATCH YOU SAID reservoir that service is 65% of the Commonwealth.

279

00:36:08.910 --> 00:36:27.180

Gerald L Clarke: Of them some 25% of the commonwealth of supplied by either municipal water systems, some of which have had serious problems since the drought. Some of those municipal water systems have had to apply to connect to the MW or a fall that reason.

280

00:36:28.260 --> 00:36:30.690

Gerald L Clarke: And that leaves the remaining 10%

281

00:36:33.960 --> 00:36:46.050

Gerald L Clarke: And this does not include those who are on colonial the people in colonial are in that 25% who are some plied water through some type of public water supply system other than the MW era.



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282

00:36:46.500 --> 00:37:01.770

Gerald L Clarke: That leaves 10% of the Commonwealth who are dependent on their own private well and of course the Commonwealth has a difficulty and understanding that that 10% is important because let's face it 10% it's only 680,000 people

283

00:37:03.540 --> 00:37:05.400

17742173033: But anyway, the point is that

284

00:37:05.460 --> 00:37:11.580

Rein Uritam: One of the mandates are discussing our mandate and I think Jerry has been a true leader.

285

00:37:11.850 --> 00:37:25.530

Rein Uritam: In this is connecting the dots between concerns and looked over a small locality of a 6000 approximately people with what's going on in the greater climate, including

286

00:37:26.070 --> 00:37:37.830

Rein Uritam: Water issues scarcity issues. And I know we're going to get to quality issues of colonial later on in the meeting, but the scarcity issue is frankly what started

287

00:37:38.160 --> 00:37:47.610

Rein Uritam: As Jerry alluded to before with the drought of 2016 people like myself and others began to realize we didn't have enough water in our wells.

288

00:37:47.880 --> 00:38:00.270

Rein Uritam: To supply our households adequately and have to read dig wells had to go down deeper this in my opinion is unsustainable. So we've got to figure out a way to either conserve

289

00:38:00.870 --> 00:38:15.090

Rein Uritam: Our use of water and or develop new water supplies. So that's why I'm on this committee and I want to get practical actions. I don't want to just study this thing to death and I want the state to help us.

290

00:38:16.020 --> 00:38:16.830

Gerald L Clarke: Get in regard

291

00:38:16.890 --> 00:38:24.360

Gerald L Clarke: To what the state has done over and above funding education funding some small issues.

292

00:38:24.810 --> 00:38:26.460

17742173033: Of the legislature.

293

00:38:26.730 --> 00:38:28.680



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Gerald L Clarke: has enacted, there is a law.

294

00:38:30.780 --> 00:38:40.410

Gerald L Clarke: That requires that any new irrigation system to be installed or any irrigation system that has to be maintained.

295

00:38:41.430 --> 00:38:42.540

Gerald L Clarke: It must

296

00:38:44.400 --> 00:38:57.180

Gerald L Clarke: Have or be altered to include interrupting devices so that it will not operate when the soil condition does not require the irrigation.

297

00:38:57.630 --> 00:39:06.450

Gerald L Clarke: This is far better than the old fashioned rain gauges. This was a lengthy almost year and a half long discussion in the water resource Commission.

298

00:39:07.170 --> 00:39:25.080

Gerald L Clarke: With irrigation specialist for this law to be enacted the difficulty is that unless an irrigation company pulls a plumbing permit, many of them sometimes don't remember that that's a requirement.

299

00:39:27.480 --> 00:39:34.530

Gerald L Clarke: There's no way to know where those irrigation systems are and there's further marine please take note.

300

00:39:35.040 --> 00:39:49.980

Gerald L Clarke: There's conflict over who is to enforce the requirement of the installation of those devices. The plumbing inspector of Dover has indicated that the law as it stands now puts his boundary point

301

00:39:50.670 --> 00:40:01.590

Gerald L Clarke: At the outside wall of the house. Therefore, he does not see himself responsible for irrigation system. So this is one area. There's another law that was passed.

302

00:40:02.520 --> 00:40:21.150

Gerald L Clarke: That in some circumstances requires new house development to include the installation of downspout cisterns so instead of having the water runoff, it will replenish the groundwater. There are a number of these different things that different legislative acts different

303

00:40:22.170 --> 00:40:27.090

Gerald L Clarke: advisories that have occurred in the last four years, and they are things to be addressed.

304

00:40:30.030 --> 00:40:32.730



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Gerald L Clarke: Greg, you have any comments about the mandate.

305

00:40:37.620 --> 00:40:38.550

Gerald L Clarke: You mute yourself.

306

00:40:39.150 --> 00:40:51.150

Greg K: locally. Um, no. My only comment or thought was, you know, it's already covered in outreach is making sure that people coming to the town or away or the situation.

307

00:40:52.440 --> 00:41:00.030

Greg K: As they're moving in, you know, if they're coming from the city. They may not understand what it means to have a well or to be on colonial

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00:41:01.680 --> 00:41:03.930

Greg K: So they should be aware of those things.

309

00:41:07.170 --> 00:41:08.490

Greg K: septic systems, etc.

310

00:41:11.760 --> 00:41:24.390

Gerald L Clarke: Well, again, a comment for those who are new to go over. If you see a hydrant on the street, please understand that that Hydra was installed specifically for the benefit of the dogs, it serves no other purpose.

311

00:41:29.520 --> 00:41:30.300

Gerald L Clarke: Excuse me there.

312

00:41:30.570 --> 00:41:42.990

Gerald L Clarke: Is one. There is one other purpose and that is if a public water supply needs to be purged. It provides an exit point and I expect you will see that happen over the next week or so.

313

00:41:43.800 --> 00:41:58.140

Rein Uritam: And other words that just to interpret you because sometimes Jerry, you need interpretation, there is not an adequate volume of water as is found in many other towns to provide meaningful.

314

00:41:59.550 --> 00:42:02.880

Rein Uritam: Fire Suppression through those hydrants

315

00:42:05.160 --> 00:42:05.760

Rein Uritam: Thank you very

316

00:42:06.000 --> 00:42:06.990



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Gerald L Clarke: Much sorry for not

317

00:42:07.320 --> 00:42:09.480

Rein Uritam: Have to wait on your interpreter to the

318

00:42:09.480 --> 00:42:13.560

Rein Uritam: Grand common person, such as myself. Okay, cool.

319

00:42:13.590 --> 00:42:16.350

Gerald L Clarke: Pointed out. I have a dry sense of humor. Oh.

320

00:42:17.820 --> 00:42:32.820

Gerald L Clarke: It's just, again, since you mentioned it just to advise folks if another source of water is to be required and you some may remember that the town undertook several major studies with its dowsing was electronic or otherwise to try and find that source.

321

00:42:34.110 --> 00:42:48.240

Gerald L Clarke: The fact of the matter is the town still retains the right to tap into Ellen bank at its own cost and because the town has that access legally available under an active the legislature of 1986

322

00:42:49.290 --> 00:42:59.520

Gerald L Clarke: The town, therefore, is precluded from applying to the M w hy radio. So, any discussion of the MW array does not apply to the term of Dover.

323

00:43:00.150 --> 00:43:12.750

Rein Uritam: And again, because we have an audience of almost 80 people at this point now bank, at least as far as anyone knows has a very large adequate amount of water.

324

00:43:14.280 --> 00:43:16.050

Gerald L Clarke: Now, someone asked a question here.

325

00:43:19.530 --> 00:43:20.160

Gerald L Clarke: Are we

326

00:43:24.360 --> 00:43:32.070

Gerald L Clarke: Yes, again, just to reiterate this question from the resident as to 9am yes they Open Meeting Law.

327

00:43:33.900 --> 00:43:41.430

Gerald L Clarke: limits us to the waiting until 9am which was the posting time for the revised agenda. Two days ago, which

328



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00:43:41.490 --> 00:43:44.160

Rein Uritam: Includes colonial at 9am right

329

00:43:44.400 --> 00:43:45.750

Gerald L Clarke: Correct. That was the revision.

330

00:43:47.610 --> 00:43:48.120

Gerald L Clarke: Of

331

00:43:49.140 --> 00:43:51.450

Gerald L Clarke: Run Europe, any comments on the mandate.

332

00:43:53.730 --> 00:44:02.460

ron.myrick: Yes, I'm Mandy D to continue monitor the town's groundwater resources has a particular interest in my, in my mind,

333

00:44:03.120 --> 00:44:11.550

ron.myrick: Because that's that's really one of the purposes of this is to get data to make decisions to evaluate areas of the town that might be

334

00:44:12.360 --> 00:44:33.210

ron.myrick: Susceptible to drought, more than others, be able to make decisions based on that data and adjust and move forward in a way that the town really controls their destiny and work sometimes being a town that's not all NWA is a challenge as we're seeing with this current issue with colonial

335

00:44:34.560 --> 00:44:44.520

ron.myrick: But it does allow us to make decisions as a community as to how to resolve those issues. So the data is important, whether it's sampling

336

00:44:45.420 --> 00:45:01.200

ron.myrick: Monitoring what what's going on the colonial or mom train what we're seeing in the aquifer around public wells in town and private wells around town. That's the whole purpose of this mandate, so that we can control how we move forward to control our water.

337

00:45:03.480 --> 00:45:05.700

Gerald L Clarke: Department. I just got an inquiry from

338

00:45:07.950 --> 00:45:12.630

Gerald L Clarke: Someone at public health regarding. One of the things that's on our agenda.

339

00:45:14.940 --> 00:45:16.260

Just send that out to him.



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340

00:45:19.140 --> 00:45:21.000

Gerald L Clarke: Okay, we're

341

00:45:22.740 --> 00:45:29.130

Gerald L Clarke: We have 10 minutes for open discussion before we can move legally on to the next topic.

342

00:45:30.930 --> 00:45:37.050

Gerald L Clarke: Is does anyone and you can use your mics. If you're muted. That's your choice.

343

00:45:38.580 --> 00:45:45.360

Gerald L Clarke: You can put in the chat, which may make it difficult to find. But are there any questions at this point.

344

00:45:46.320 --> 00:45:50.610

Carol Lisbon: Eric cherry. Yeah, I just relative to

345

00:45:51.900 --> 00:45:52.980

Carol Lisbon: To one of our mandates.

346

00:45:54.540 --> 00:46:03.810

Carol Lisbon: And anticipating based upon the numbers that you presented on the impending war problem that we have. I just wanted to remind us as a committee.

347

00:46:04.440 --> 00:46:19.950

Carol Lisbon: That we did have these two signs made up. There's one for the drought warning and this is one we did these in 2016 and by the time they were ready the draft was over. So we've never used them and I'm hoping that you know where they are and

348

00:46:20.700 --> 00:46:24.060

Gerald L Clarke: Actually if you'd like. I can bring up the actual color copies

349

00:46:24.480 --> 00:46:30.930

Carol Lisbon: Even better, but I think we need to probably since it's been a while.

350

00:46:32.340 --> 00:46:44.370

Carol Lisbon: To touch base with the highway department McComb we had worked originally to identify various spots and dove for those to be posted. I can't remember how many we have of each but

351

00:46:44.730 --> 00:46:45.270

Carol Lisbon: I think it was



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352

00:46:45.660 --> 00:46:58.890

Carol Lisbon: worthwhile to I think it's probably worthwhile to reconnect with the highway department, make sure we have an implementation plan for these. So when not so much F. But when we need to post them that we're ready to do so.

353

00:47:00.150 --> 00:47:02.370

Gerald L Clarke: repurchase six of each

354

00:47:02.820 --> 00:47:04.140

Gerald L Clarke: I know, create used

355

00:47:04.170 --> 00:47:17.730

Gerald L Clarke: One. So, functionally, we have six and five unless he pulls the overlay off of the one that he gave us with our permission and I do know that that where they are at the town garage. So, fear not.

356

00:47:18.570 --> 00:47:20.580

Carol Lisbon: And do we know exactly where they'd be posted

357

00:47:21.390 --> 00:47:29.040

Gerald L Clarke: We had worked out locations, three and a half years ago that may change now. But yes, we had worked out locations.

358

00:47:29.160 --> 00:47:30.180

Gerald L Clarke: Yes, I just want to make

359

00:47:30.180 --> 00:47:33.390

Carol Lisbon: Sure that the highway department has access to that list.

360

00:47:33.780 --> 00:47:36.810

Gerald L Clarke: Yes. Well, actually it was highway departments list, not ours.

361

00:47:37.470 --> 00:47:40.140

Carol Lisbon: But they need to find something that's two years old, you know,

362

00:47:40.680 --> 00:47:41.100

Gerald L Clarke: Okay.

363

00:47:41.550 --> 00:47:46.740

Gerald L Clarke: We can go pursue that with Bob cozy and given his availability, Craig.



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364

00:47:47.130 --> 00:47:47.910

Carol Lisbon: Wonderful. Thank you.

365

00:47:48.900 --> 00:48:00.870

Rein Uritam: Point of information sharing. Yep. Again, I'm looking at the numbers of people who are attending our meeting today, as opposed to the normal numbers and our meetings in person.

366

00:48:01.830 --> 00:48:16.980

Rein Uritam: What is being done visa be collecting the names of the people who are attending this meeting and getting if they're willing or their contact information so they can keep abreast of everything that's going on in this issue part

367

00:48:17.160 --> 00:48:29.310

Gerald L Clarke: Well unfortunately it's strange, but zoom doesn't actually give me the ability to capture the names for in some cases only the telephone numbers of calling people

368

00:48:30.000 --> 00:48:48.120

Gerald L Clarke: On and even there, there may not even disclose the telephone number. So what I do have is a screen grabs of what the participant list looks like, but it's not exactly the optimal way of keeping track of who's here.

369

00:48:48.210 --> 00:49:01.830

Rein Uritam: Okay, well, I really do think we need to get that information right now before nine o'clock is fast approaching. Yeah. May I suggest since you've done a roll roll call about those of us are on the water committee.

370

00:49:02.190 --> 00:49:13.950

Rein Uritam: And certainly of the almost 80 people that are listening right now. Probably. I only know about 20 of them. So I think it'd be very useful to actually get the people's names.

371

00:49:14.250 --> 00:49:14.490

I

372

00:49:15.780 --> 00:49:23.700

Gerald L Clarke: Mean, let me suggest this rather than calling people up pub unless unless you're having problems finding the chat box.

373

00:49:24.660 --> 00:49:43.290

Gerald L Clarke: There is a chat box where you can enter a question or any comment and you are actually identified when you do that, could you please. Each of you go to the chat function and enter your name and your contact information so that we can capture it that way.

374

00:49:43.650 --> 00:49:45.780



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Gerald L Clarke: And you're in your own rapidly all

375

00:49:45.810 --> 00:49:47.190

Rein Uritam: In your address physical

376

00:49:47.190 --> 00:49:48.000

Rein Uritam: Address just

377

00:49:48.870 --> 00:49:49.650

Rein Uritam: Had a meeting.

378

00:49:49.860 --> 00:49:55.770

Rein Uritam: All of our open meetings that people in person attend, we asked for their physical address and don't

379

00:49:55.830 --> 00:49:59.100

Gerald L Clarke: Know I'm just looking out Allison, I need your last name. Don't forget

380

00:50:00.450 --> 00:50:17.040

Gerald L Clarke: We need your full name and your address. Yes, an email address email address also would be useful if you can't do that. You can send that same information to help HGA LT H at Dover ma dot o RG

381

00:50:20.220 --> 00:50:26.940

Rein Uritam: That's very helpful. And you don't have to give your email or your phone number, but at least give your name and your physical address

382

00:50:27.300 --> 00:50:35.460

Rein Uritam: And just like we have a normal public meetings here in town, and then you will be able to ask your question. If we have your name and your physical address please

383

00:50:35.880 --> 00:50:42.660

Carol Lisbon: I would also note that the new website. The new Dover website that became operational, I think it was a on Monday.

384

00:50:44.010 --> 00:50:52.860

Carol Lisbon: Allows you to go in and set up what they call an account. And if you do that, you can actually go down the list of all the boards and committees.

385

00:50:53.550 --> 00:51:07.710

Carol Lisbon: And check off those that you would like to be automatically to receive automatic emails when they post an agenda or an informational situation. So that would be helpful as well. I suggest you all do that. Okay.

386



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00:51:08.340 --> 00:51:15.630

Gerald L Clarke: I'm going to take up the next couple of minutes before nine o'clock. I'm jumping to Agenda Item six B.

387

00:51:18.030 --> 00:51:35.190

Gerald L Clarke: Which deals with the so called P fast, which is a generic for a vast number of man made chemicals that drew almost like a contagion considerable publicity last year with

388

00:51:36.360 --> 00:51:49.410

Gerald L Clarke: The just public discovery of the chemical in drinking water in numerous locations throughout the country predominantly around airports and places where

389

00:51:50.430 --> 00:52:03.150

Gerald L Clarke: The fire department practice had been done using phone and the like, Oh, I'll let Ron speak to what the heck it is. What I will say is that the state issued a

390

00:52:04.410 --> 00:52:06.660

Gerald L Clarke: Procedure at the big at the very end of

391

00:52:09.000 --> 00:52:11.070

Gerald L Clarke: That calls in a staggered

392

00:52:12.210 --> 00:52:12.960

Gerald L Clarke: List.

393

00:52:14.190 --> 00:52:26.250

Gerald L Clarke: The requirement of public water supply companies to commence testing and reporting it started at the beginning of the year with a major water companies having to do it.

394

00:52:27.030 --> 00:52:47.850

Gerald L Clarke: As of July one. It's my understanding that the smaller companies that would include most of the public water supply companies in Dover would have to report. So those test numbers should start to show up over the next three to four months, Ron, you want to briefly talk about P fast.

395

00:52:50.040 --> 00:52:55.980

ron.myrick: Probably most people have seen the articles in the paper and and heard on the news about P fast that

396

00:52:56.610 --> 00:53:06.570

ron.myrick: It's, it's in products we use every day from the Teflon pans, where we cook our breakfast to waterproof clothes and and and and

397

00:53:07.290 --> 00:53:12.630



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ron.myrick: And also, of course, the foams, that the firefighting suppression systems use

398

00:53:13.320 --> 00:53:21.090

ron.myrick: And it's entered our environment they're they're considered the forever chemicals, because they don't actually break down. So once they enter the environment.

399

00:53:21.540 --> 00:53:26.640

ron.myrick: They stay there and they migrate through water and can enter in public wells and private wells.

400

00:53:27.570 --> 00:53:37.920

ron.myrick: The emergence of this as a contaminant of concern is just in the last few years, because for two reasons. We cannot detect down very low concentrations part per trillion levels.

401

00:53:38.340 --> 00:53:49.920

ron.myrick: Whereas that just wasn't feasible 10 years ago. And there's new data suggesting that a very low concentrations these chemicals can bio accumulate and cause toxicity issues and problems for people

402

00:53:50.460 --> 00:54:03.150

ron.myrick: So through those through that new information. The primary the states are moving forward and coming up with very low standards in Massachusetts. Right now it's 20 parts per trillion

403

00:54:03.840 --> 00:54:10.860

ron.myrick: In in drinking water and I'm working on a site south of the Martha's Vineyard airport. We have 200 wells and we're sampling

404

00:54:11.640 --> 00:54:29.880

ron.myrick: For P fast above that standard and I just just submitted a proposal yesterday for the town of stone, where they have about 100 wells that they're monitoring near their fire department where they know they did some training at least historically, so if

405

00:54:31.050 --> 00:54:31.170

Gerald L Clarke: You

406

00:54:31.560 --> 00:54:37.560

Gerald L Clarke: Want to clarify that. That's where the firefighting state firefighting Academy is that

407

00:54:37.620 --> 00:54:47.280

ron.myrick: Yes, there are. There are two issues. And so, one was at the old fire station. That's the one that has some public wells or private wells impacted near the middle of the town.

408

00:54:47.760 --> 00:54:58.890



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ron.myrick: There was an article in the Globe last October, about the school having some p faster than the well. So this is something that's emerging around the country and the State is now.

409

00:55:00.360 --> 00:55:08.880

ron.myrick: proceeding with requiring testing of public wells and private wells, really, it's a voluntary thing whether you sample for private

410

00:55:09.960 --> 00:55:15.120

ron.myrick: The areas of most concern are in areas of where you have these type of sources.

411

00:55:16.170 --> 00:55:21.240

ron.myrick: I think i think i'll it's nine o'clock, so I know the the topic needs change. So I'll, I'll step have

412

00:55:21.780 --> 00:55:30.540

Gerald L Clarke: Gone just went off, I remind folks that they can find the agenda at the town website.

413

00:55:32.640 --> 00:55:39.840

Gerald L Clarke: point out again that the hydrology study can be found at this online location so

414

00:55:39.870 --> 00:55:41.730

Gerald L Clarke: Accessible publicly to anyone.

415

00:55:41.790 --> 00:55:42.300

Anywhere.

416

00:55:44.910 --> 00:55:46.830

Gerald L Clarke: And there is a new

417

00:55:48.870 --> 00:55:53.490

Gerald L Clarke: link that you may want to take down just focus on it here.

418

00:55:58.170 --> 00:56:04.800

Gerald L Clarke: If you take down that link, you will find a folder online publicly accessible.

419

00:56:06.300 --> 00:56:16.770

Gerald L Clarke: With every document that has been accumulated relating to the Dover water company and its successor company colonial

420

00:56:19.410 --> 00:56:30.810

Gerald L Clarke: So just mentioned that that exists, you'll pardon me, I have so many different documents that are probably going to be displayed. It's I make you may see things flashing across the screen.



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421

00:56:33.180 --> 00:56:36.420

Gerald L Clarke: So the first thing I'd like to bring up

422

00:56:40.470 --> 00:56:49.290

Gerald L Clarke: Is a document that was prepared over this past not within the last 24 hours and even being updated late last night.

423

00:56:50.310 --> 00:56:51.480

Gerald L Clarke: And this morning as well.

424

00:56:53.130 --> 00:56:57.450

Gerald L Clarke: It is a list of frequently asked questions and responses.

425

00:56:59.520 --> 00:57:04.140

Gerald L Clarke: Again, let me bring up focus on the location.

426

00:57:06.060 --> 00:57:09.720

Gerald L Clarke: You can take this down and get your own personal copy, if you want.

427

00:57:19.980 --> 00:57:22.020

Gerald L Clarke: So I'm going to start going through each one

428

00:57:24.630 --> 00:57:27.330

Gerald L Clarke: The question arose, and we had many inquiries.

429

00:57:28.590 --> 00:57:35.550

Gerald L Clarke: Who is affected by the Eco like contamination that has gained publicity in the town.

430

00:57:37.080 --> 00:57:49.050

Gerald L Clarke: The answer is those colonial customers who were provided water through a interlinked system of three locations.

431

00:57:50.070 --> 00:58:01.770

Gerald L Clarke: Those interleague systems are the nollywood Dr. Wells, the Draper st wells and the Francis street wells, they are all interlinked.

432

00:58:02.310 --> 00:58:10.110

Gerald L Clarke: Therefore, any customer service through those wells was affected, who is not affected.

433



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00:58:10.950 --> 00:58:22.050

Gerald L Clarke: Those customers who are in the recurring Trump brick area and service by that set of wells and the separate Springdale farms system.

434

00:58:22.920 --> 00:58:38.880

Gerald L Clarke: Also, anyone who has drawn water in the meadowbrook or Glen ridge are provided through Natick in any one who is provided water from Walpole. There are some residents along Route one on nine County Road. I hope that answers that question.

435

00:58:41.970 --> 00:58:49.470

Gerald L Clarke: What equipment was involved. This I'll have to tell you this, I learned something in the middle of the night.

436

00:58:51.030 --> 00:59:01.260

Gerald L Clarke: Someone raised the question, what, what's the story with the car, the lane. There used to be an old well there. It doesn't exist anymore. And what late last night, I found that

437

00:59:01.800 --> 00:59:12.570

Gerald L Clarke: There had been installed. Now a booster station there. So this is the list of equipment that is in the contamination situation.

438

00:59:14.640 --> 00:59:24.090

Gerald L Clarke: To booster stations, as well as the wells. You'll notice we talked about shallow wells. These are the depths of those wells.

439

00:59:26.580 --> 00:59:28.110

Gerald L Clarke: Any questions from anyone.

440

00:59:29.880 --> 00:59:33.240

Gerald L Clarke: Yes. Is there a mapping of well to read now.

441

00:59:34.530 --> 00:59:51.690

Gerald L Clarke: If a napping wouldn't work because since the three systems are all interlink the, the term fungible applies water entering from any one of the three sources can be assumed to be going anywhere, and not discernibly different from anywhere else and system.

442

00:59:52.890 --> 00:59:54.750

Rein Uritam: Cherry point of information.

443

00:59:54.990 --> 00:59:58.200

Rein Uritam: Yes. When you say booster wells. I assume that

444



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00:59:58.200 --> 00:59:59.910

Gerald L Clarke: No, no, not well booster station.

445

00:59:59.940 --> 01:00:02.940

Rein Uritam: Patients. I don't understand that. Please explain.

446

01:00:03.030 --> 01:00:05.760

Gerald L Clarke: I don't understand when proof pressure

447

01:00:06.840 --> 01:00:11.310

Rein Uritam: And that means what that they would draw more water from

448

01:00:11.340 --> 01:00:21.450

Gerald L Clarke: It as the water as think a fire engine you're pumping you're pulling in water at a certain pressure and you're having a booster pump in the engine that increases the pressure of the output.

449

01:00:21.870 --> 01:00:23.820

Rein Uritam: Here but it's drawing in more water.

450

01:00:24.780 --> 01:00:26.850

Gerald L Clarke: It's drawing the water from the system.

451

01:00:28.020 --> 01:00:28.320

Gerald L Clarke: And

452

01:00:29.190 --> 01:00:31.140

Gerald L Clarke: And Russia rising good

453

01:00:31.200 --> 01:00:31.860

Rein Uritam: Thank you.

454

01:00:32.670 --> 01:00:35.070

Gerald L Clarke: Know I'm just looking at the questions that have come up

455

01:00:36.210 --> 01:00:39.060

Gerald L Clarke: I think that was the only question I see someone asked about

456

01:00:40.380 --> 01:00:49.230

Gerald L Clarke: Can you map. And the answer is no. If you're in any of those three systems three well system you are by definition in the entirety.



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457

01:00:52.170 --> 01:01:00.750

Gerald L Clarke: Okay PR divided this case, do you want to talk to this question of coliform. Oops. Yes, it's on the screen.

458

01:01:04.080 --> 01:01:04.920

Gerald L Clarke: Okay. Peterson.

459

01:01:05.010 --> 01:01:05.370

Yeah.

460

01:01:06.570 --> 01:01:08.070

Rein Uritam: And then tell people who

461

01:01:08.430 --> 01:01:10.170

Gerald L Clarke: Are K Peterson is a member is

462

01:01:10.170 --> 01:01:12.810

Gerald L Clarke: Dr. K Peterson is a member of the Board of Health.

463

01:01:14.010 --> 01:01:16.170

Gerald L Clarke: You voted for her this past Monday.

464

01:01:18.720 --> 01:01:19.410

kaypetersen: Um,

465

01:01:21.240 --> 01:01:21.660

kaypetersen: I

466

01:01:22.830 --> 01:01:28.290

kaypetersen: So, so there are some terms that come up a lot with water testing.

467

01:01:29.790 --> 01:01:33.690

kaypetersen: And you'll read these in some of the colonial reports.

468

01:01:35.190 --> 01:01:59.010

kaypetersen: The most basic tests, that's done is looking for total coliform bacteria and and this, this is a large group of bacteria that just give a general indication of how clean a water system is but call forms include bacteria that exist in the soil.

469

01:02:00.360 --> 01:02:07.110



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kaypetersen: And and they don't necessarily mean that a system is contaminated if it's been

470

01:02:08.220 --> 01:02:09.240

kaypetersen: If there have been found.

471

01:02:10.320 --> 01:02:19.140

kaypetersen: But they also are found in human and animal waste. So if they're found and more work needs to be done to see what really is the

472

01:02:19.710 --> 01:02:37.770

kaypetersen: What color forms really are there. And then there's a subgroup of call forms of a total call forms called fecal call forms which are those that are present. Normally in the gut and then in the feces of all warm blooded animals, not just humans.

473

01:02:40.290 --> 01:02:46.710

kaypetersen: And if people call forms are found that suggests that human or animal waste is

474

01:02:48.030 --> 01:02:56.190

kaypetersen: leaching into the water and then testing is done for a particular coliform bacteria called ICO lie.

475

01:02:57.420 --> 01:02:58.770

kaypetersen: Eco lie is

476

01:03:00.870 --> 01:03:01.560

kaypetersen: Is

477

01:03:03.540 --> 01:03:08.400

kaypetersen: Generally not out there in the I know in the environment, but it's

478

01:03:09.540 --> 01:03:18.210

kaypetersen: It's found in in the human gut and is a real indicator of fecal pollution.

479

01:03:19.500 --> 01:03:27.600

kaypetersen: It's not necessarily the only pathogen that can be found in water, but it's the one that's easiest to test for

480

01:03:28.890 --> 01:03:34.230

kaypetersen: And there. There are many eco lie that are in contaminated water that are not

481

01:03:34.620 --> 01:03:36.510

kaypetersen: Pathogenic that is they don't cause



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482

01:03:36.510 --> 01:03:41.640

kaypetersen: Disease, but there's, there is one in particular that can cause disease.

483

01:03:43.380 --> 01:03:46.470

kaypetersen: That's that is tested for as well.

484

01:03:49.320 --> 01:03:51.000

kaypetersen: Any questions about this.

485

01:03:51.480 --> 01:03:57.720

Gerald L Clarke: Anyone have any questions you can either use your mic or chat perfectly your mic.

486

01:04:04.020 --> 01:04:10.140

Gerald L Clarke: I would note that we had yesterday sent out a request as people

487

01:04:11.970 --> 01:04:17.640

Gerald L Clarke: Provided us information. There were we've had indication from six families.

488

01:04:19.140 --> 01:04:19.740

Gerald L Clarke: Who

489

01:04:20.910 --> 01:04:33.090

Gerald L Clarke: felt that they had encounter difficulties because of ingestion of the water and I'll leave it at that. We've been in discussion with them.

490

01:04:33.510 --> 01:04:45.660

kaypetersen: Well, Jerry, I would say that they have had let me back up and say that equal a if it causes problems and people typically can cause diarrheal illness.

491

01:04:46.080 --> 01:05:00.960

kaypetersen: And we have had six families who have noted that they someone in the family has had diarrhea in recent days, but we don't know whether there's a correlation with with a water sport.

492

01:05:02.580 --> 01:05:09.990

Gerald L Clarke: So we've asked people to write to us if they feel they are in that category. So, just so we can be in communication with them.

493

01:05:10.920 --> 01:05:15.270

Rein Uritam: Are you going to give them addresses to write two email addresses.



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494

01:05:15.300 --> 01:05:20.130

Gerald L Clarke: Again, it's, it's always helps HGA th at Dover ma.org

495

01:05:22.560 --> 01:05:25.530

Chris wolff: It's Creswell speaking, if I could be heard from 20 to Francis

496

01:05:26.670 --> 01:05:28.230

Gerald L Clarke: I'm sorry, give you a name again please.

497

01:05:28.350 --> 01:05:29.790

Chris wolff: It's Chris wolf.

498

01:05:30.330 --> 01:05:41.850

Chris wolff: Yes it to Francis street. I want to get right to the bottom line. How long do we expect this will last. And are there some sort of penalties or incentives for the water company to fix this faster.

499

01:05:42.360 --> 01:05:50.220

Chris wolff: And also how severe is the illness. If one were to be contaminated or consume some of this water look

500

01:05:50.310 --> 01:05:55.590

Gerald L Clarke: We're going we're trying to feel this in a structured foreign country. Okay, do you want to address the question of illness.

501

01:05:55.800 --> 01:05:56.130

So,

502

01:05:57.510 --> 01:06:07.890

kaypetersen: So first of all, drinking this water may or may not lead to illness, it's, it's not clear whether it's contaminated with anything that might make you sick. We don't know.

503

01:06:10.410 --> 01:06:18.780

kaypetersen: If, if it did have the kind of eco lie that makes people sick, which is rare in in even in contaminated water in this country.

504

01:06:20.220 --> 01:06:33.720

kaypetersen: The symptoms would likely be diarrhea, sometimes people can develop a fever, chills, rarely, but particularly in in young people, old people and immunocompromised people. It can be a very serious illness.

505

01:06:34.830 --> 01:06:44.940

kaypetersen: That can lead to hospitalization and there have been some desperate. Most of the Eco I related illness in this country comes from contaminated meat.



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506

01:06:45.630 --> 01:06:54.840

kaypetersen: And not from contaminated groundwater, it would be very rare for for someone to have serious equal illness from contaminated groundwater, but it can occur and

507

01:06:55.500 --> 01:07:01.980

kaypetersen: And the other you know the other concern is always, is there some other pathogen that's that's leaking in to the system as well but

508

01:07:03.600 --> 01:07:07.560

kaypetersen: We have no no evidence of that but but we also don't know

509

01:07:08.940 --> 01:07:18.270

Gerald L Clarke: This will give you don't mind up as I say to a member of my family who invariably tries to turn to the back of the book to see the end of the story.

510

01:07:19.560 --> 01:07:28.410

Gerald L Clarke: I hope you don't mind. But I'd like to go through this. I promise you, you will get to the best of our ability. Answers to every one of the questions you post

511

01:07:32.070 --> 01:07:40.050

Gerald L Clarke: Okay, any comments about the paragraph on what are the results mean, I think you've pretty much covered these two topics. I don't think we need to spend much time on the view.

512

01:07:41.130 --> 01:07:42.060

kaypetersen: I don't think so. I have

513

01:07:42.120 --> 01:07:44.580

kaypetersen: Just one other quick comment to make. And that is that

514

01:07:46.170 --> 01:07:52.680

kaypetersen: When we hear about these people in town who have had diarrhea in recent weeks we're

515

01:07:54.300 --> 01:08:10.950

kaypetersen: We're giving those names and contact information to our public health nurse who is in contact with the Department of Public Health because they are going to do some investigation to see if they can determine whether there is a link or not to the water.

516

01:08:11.940 --> 01:08:18.750

Gerald L Clarke: And again, just to point out, this is follow up on that this was the advisory to contact us.

517



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01:08:22.830 --> 01:08:34.530

Gerald L Clarke: Well, this is of course what you found on the colonial website. It's actually from the Massachusetts Department of Environmental Protection. What should you do if the

518

01:08:34.980 --> 01:08:45.330

Gerald L Clarke: Drinking water supply is contaminated. These are the advisories. I think everybody has seen this sufficiently anyone have any questions about that.

519

01:08:50.010 --> 01:08:53.070

Gerald L Clarke: A lot of people have raised questions about notification.

520

01:08:54.690 --> 01:09:09.960

Gerald L Clarke: I don't think it's very fruitful to go into a discussion of who said what to whom and when I think the purpose of this meeting is to dress. What we can do going forward. The information is on the colonial website they updated it last night.

521

01:09:11.760 --> 01:09:22.650

Gerald L Clarke: If you have not seen that update from last night. It is not very positive in the sense that it's clear from what they've written that the coverage will be extended.

522

01:09:23.760 --> 01:09:35.910

Gerald L Clarke: A large capacity water storage tanker was brought into the town center last night and I believe the town is making preparation to provide that water.

523

01:09:36.720 --> 01:09:48.900

Gerald L Clarke: In availability obviously handheld containers to residents who need drinking water. I believe also that the colonial water company in their website has

524

01:09:50.400 --> 01:09:52.020

Gerald L Clarke: presented their

525

01:09:53.670 --> 01:09:56.730

Gerald L Clarke: idea as to how they will recompense

526

01:09:57.840 --> 01:10:01.440

Gerald L Clarke: Customers that's not in the province of this Board of Health.

527

01:10:04.110 --> 01:10:05.730

Gerald L Clarke: Similarly, it

528

01:10:06.900 --> 01:10:11.970

Gerald L Clarke: If you ever have a question you should send a question to health cut over MA.



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529

01:10:13.980 --> 01:10:14.310

Gerald L Clarke: Yes.

530

01:10:15.000 --> 01:10:22.500

kaypetersen: Um, there's a question in the chat about people who don't regularly use a computer or iPhone and what is being done to communicate to them.

531

01:10:24.360 --> 01:10:30.570

kaypetersen: Last Friday when we learned about this, the director of the Council on Aging Jenna Claypool

532

01:10:32.340 --> 01:10:41.940

kaypetersen: Figured out how to reach some of the particularly frail seniors who tend not to be people who use technology.

533

01:10:43.110 --> 01:10:44.070

kaypetersen: To to

534

01:10:45.150 --> 01:10:47.220

kaypetersen: Let them know about the problem with the water

535

01:10:49.620 --> 01:11:01.380

kaypetersen: I'm not sure that we've reached absolutely every person who doesn't use a computer or iPhone but we're we're working to complete that notification as best we can.

536

01:11:02.610 --> 01:11:09.060

Gerald L Clarke: I mean this this of course goes to the point that historically the town administration of previous administrations.

537

01:11:09.930 --> 01:11:20.820

Gerald L Clarke: had chosen never to accumulate email addresses or actually even telephone numbers. The, the only data that the town historically has retained has been the street list.

538

01:11:21.330 --> 01:11:31.470

Gerald L Clarke: And even there, that's not necessarily going to be complete, because some people choose not to have the right to vote and therefore are not in the St. Louis.

539

01:11:33.840 --> 01:11:44.970

Gerald L Clarke: A TED Talk is could you just give me a call. You're here. Could you just give me a call, please on 1978 Ted Professor tetanus caucus for traders to reach you by chef.

540



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01:11:46.530 --> 01:11:56.100

Carol Lisbon: Very yes a two things. One, to just to recent comment I reiterate again that the new website has a notification capability.

541

01:11:56.760 --> 01:12:11.520

Carol Lisbon: I use the notification capability in the town and mash up and it's a wonderful system. This is the same one. So I urge everybody to go up and sign up for health, if not board of selectmen but a bunch of other organizations. The other thing is that the

542

01:12:13.080 --> 01:12:16.590

Carol Lisbon: The agenda for the Board of selectmen meeting tomorrow night.

543

01:12:16.800 --> 01:12:24.060

Carol Lisbon: Includes colonial water and somebody from colonial water will be participating

544

01:12:26.100 --> 01:12:28.140

Carol Lisbon: At the selectmen and therefore

545

01:12:28.680 --> 01:12:29.640

Gerald L Clarke: To me on

546

01:12:29.910 --> 01:12:33.120

Carol Lisbon: Zoom on what they are doing about this situation.

547

01:12:33.120 --> 01:12:46.170

Carol Lisbon: Yes. No, it's another source and it will be right from the horse's mouth, so to speak. So I urge everybody today who's been interested in this. And thank you all for signing is wonderful to see this engagement.

548

01:12:47.190 --> 01:12:53.880

Carol Lisbon: That tomorrow night will be very specific from somebody with authority at colonial water.

549

01:12:55.740 --> 01:13:05.250

Carol Lisbon: You can you can find the zoom address by going to the Dover ma.org website. Clicking on government and then clicking on agenda and going to the Board of selectmen agenda.

550

01:13:06.090 --> 01:13:10.440

Gerald L Clarke: Us as far as a non electronic out, which is to say telephone

551

01:13:11.970 --> 01:13:15.090

Gerald L Clarke: I believe the new website does have an alert.

552



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01:13:16.140 --> 01:13:27.390

Gerald L Clarke: Function if you sign in to that I'm sure that will be covered by the town administration. These are all new features that have become available with the conversion of the website.

553

01:13:30.360 --> 01:13:43.740

Gerald L Clarke: Question was raised as to how long will the boil water order exist. And that's last night was posted on Kalani website, which was the DTP statement.

554

01:13:44.100 --> 01:13:53.940

Gerald L Clarke: And that is to say, I quote at this time the company doesn't anticipate this happening any earlier than the beginning of next week. That is the most recent information.

555

01:13:55.410 --> 01:14:01.950

Gerald L Clarke: I don't want to make any further comment. Obviously that's a matter. Did we Turman between the company.

556

01:14:02.400 --> 01:14:02.940

Gerald L Clarke: And the

557

01:14:03.210 --> 01:14:03.990

TTP

558

01:14:05.970 --> 01:14:06.420

Remember,

559

01:14:10.230 --> 01:14:15.960

Gerald L Clarke: The question was raised. Why are so many customers impacted simultaneously. I think we've covered that.

560

01:14:19.080 --> 01:14:20.490

Gerald L Clarke: This is a critical point.

561

01:14:22.920 --> 01:14:25.290

Gerald L Clarke: Let me bring this up in focus on it.

562

01:14:33.300 --> 01:14:40.950

Gerald L Clarke: This is the second occurrence of an equal like contamination in McAllen a water system within a 12 month period.

563

01:14:42.090 --> 01:14:44.460

Gerald L Clarke: The first one occurred on August 14



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564

01:14:45.660 --> 01:14:57.180

Gerald L Clarke: It impacted. One of the Draper wells. It was similar in that it was presumed to be a septic discharge. And now, of course, we've had this one.

565

01:14:57.840 --> 01:15:16.050

Gerald L Clarke: Which appears to have been first documented according to the filings. Now that we have from the DP. On June 5 actually on June 3 and thereafter, there were certain testing and such. And the notification arose on June 11

566

01:15:17.940 --> 01:15:28.710

Gerald L Clarke: What is interesting is that the fact that there have been two such occurrences within a 12 month period have now introduced the federal EPA into the equation.

567

01:15:29.100 --> 01:15:43.470

Gerald L Clarke: This has risen to a what is known as a level two. There is a tire very lengthy process that now will have to be undertaken by the company in coordination with a DDP

568

01:15:44.700 --> 01:15:46.650

Gerald L Clarke: I point out the app.

569

01:15:47.670 --> 01:16:02.520

Gerald L Clarke: The only sanitation, that is done at all in the system is that, and I'll use the term bleach. It's sodium chloride, probably, and they don't spell it out, but probably 1012 100th of 1% that's the traditional amount

570

01:16:04.140 --> 01:16:22.050

Gerald L Clarke: Of bleach, but it is only introduced into one of the Draper wells. Therefore, it doesn't affect the water that is sourced from the through the Francis street wells more than know which street wells, all of which are interlinked. And of course it doesn't affect the chicken driver NOLA drive

571

01:16:23.610 --> 01:16:31.350

Gerald L Clarke: The Massachusetts Department of Public Utilities back in 1978 because of a action that was brought

572

01:16:31.920 --> 01:16:35.850

Gerald L Clarke: Probably intravenous in those days to the predecessor company.

573

01:16:36.930 --> 01:16:53.460

Gerald L Clarke: The GPU has since that time required. There's a DP up required that the company treat the water with potassium hydroxide to increase the pH. If you're not aware of it, you should actually be very mindful of this

574

01:16:54.840 --> 01:17:03.780



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Gerald L Clarke: We have a lot of pine trees and New England soil is naturally acidic our monitoring wells for the most part, showed exactly what we expected.

575

01:17:04.260 --> 01:17:15.600

Gerald L Clarke: a pH of somewhere between 5.2 up to maybe if we were lucky mid six. That means going from very acidic to mildly acidic. Seven is neutral.

576

01:17:15.900 --> 01:17:31.200

Gerald L Clarke: So, therefore, that is a treatment that is done by all at all of the wells to improve the water toward a point of alkalinity so that it doesn't destroy residential piping or heating systems.

577

01:17:34.950 --> 01:17:37.710

Gerald L Clarke: Well, I didn't get an answer from TechCrunch status.

578

01:17:39.450 --> 01:17:42.150

Gerald L Clarke: Ted, most attackers. Is he here. I know he's here.

579

01:17:43.290 --> 01:17:45.990

Gerald L Clarke: Okay, I just want to cover this last point.

580

01:17:48.660 --> 01:17:49.320

Gerald L Clarke: Since this

581

01:17:49.500 --> 01:17:51.360

Gerald L Clarke: There is no system wide.

582

01:17:51.360 --> 01:17:52.350

Sanitation

583

01:17:54.750 --> 01:17:55.170

TDM: Yes.

584

01:17:56.130 --> 01:17:56.760

Gerald L Clarke: Are you on

585

01:17:57.030 --> 01:17:58.020

TDM: Can you hear me.

586

01:17:58.230 --> 01:18:03.690

Gerald L Clarke: Yes. Excellent. This is, this is some this is another emigrate from Boston University.



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587

01:18:05.940 --> 01:18:07.560

TDM: Well, what they should JT

588

01:18:08.670 --> 01:18:17.640

Gerald L Clarke: Well, you have I had previously urge the board of selectmen to consider ultraviolet see in another application regarding

589

01:18:18.060 --> 01:18:29.220

Gerald L Clarke: How we deal with coven and here in the buildings, but there is an equal application. And I think you would be best to speak to it as a means of sanitizing if you don't mind.

590

01:18:30.360 --> 01:18:30.660

TDM: Well, I

591

01:18:31.710 --> 01:18:37.200

TDM: Don't believe squatters supply in the Austin, the water system.

592

01:18:38.670 --> 01:18:46.380

TDM: The US is the main disinfectants or from in UV see the Asian

593

01:18:47.550 --> 01:19:06.150

TDM: History to push to the traditional chlorination system sweets, the Federal EPA his rule. A few years ago, is a method which need to be abandoned because of the by products which are constantly making

594

01:19:07.200 --> 01:19:08.010

TDM: The most of them.

595

01:19:09.210 --> 01:19:11.730

TDM: So I did send to just in

596

01:19:12.810 --> 01:19:21.900

TDM: A an attachment in a memo, I sent recently where I hear a shown what is exactly

597

01:19:24.030 --> 01:19:38.250

TDM: The message to us at the bookstore system and they recommended that isn't minimum to discover company needs to emulate what the postal system is is usually

598

01:19:40.410 --> 01:19:54.630

Gerald L Clarke: Now, as I understand it, my application was in mechanical systems, the whole point to this is UVA and b which we all know about because they are longer wave



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599

01:19:55.440 --> 01:20:01.260

Gerald L Clarke: Light forms and do impact us by giving us tanning or sunburn and do

600

01:20:02.130 --> 01:20:12.960

Gerald L Clarke: Are able to hit the ground you VC is so short a wave that it stopped by the ozone at the upper layer. So we normally don't encounter it is people walking around the ground.

601

01:20:13.830 --> 01:20:32.040

Gerald L Clarke: Which is good because otherwise we would be very seriously impacted by it. And as I understand it, you VC is a tool to essentially destroy the surface of any pathogen and therefore an excellent form of sanitation. Would you agree with that.

602

01:20:32.340 --> 01:20:41.520

TDM: Is that is correct, yes. It de de de de it's a process which prevent a replication of the DNA.

603

01:20:43.500 --> 01:20:55.140

Gerald L Clarke: So this is you, as you pointed out, currently being used, certainly in New York City. It's probably used as you say 2000 other applications I

604

01:20:56.760 --> 01:21:04.530

Gerald L Clarke: Not as a joke I point out that you as a person. You can buy now a product. This is all since this year BPA

605

01:21:05.640 --> 01:21:09.120

Gerald L Clarke: allowed the use of these types of devices for everything.

606

01:21:09.750 --> 01:21:18.690

Gerald L Clarke: If you are worried about your mobile phone, you can buy a device which will irradiated your mobile phone with you. VC and guaranteed to you that you're not walking around with

607

01:21:19.290 --> 01:21:29.160

Gerald L Clarke: Somebody else's germs on it, or even your own numerous applications. So, this this presumably would be a good recommendation to the company would suggest

608

01:21:31.320 --> 01:21:44.040

TDM: It. Yes, it is a it is that are two two approaches, each one of us individually individually to install a whole house UV system.

609

01:21:44.910 --> 01:22:01.440

TDM: To protect our own house. Alternatively, the company to do an upgrade in of their current purification system to install in each one of the whales, not only in one of the whales, as you mentioned in there yet.



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610

01:22:04.830 --> 01:22:16.530

Gerald L Clarke: So this is actually amounted to be taken up with the DP, who has jurisdiction right this pretty much covers our question and answer part of the discussion.

611

01:22:18.480 --> 01:22:25.740

Gerald L Clarke: Does anyone have any questions on what's been presented to date, please, if either again someone says, Can we mandate.

612

01:22:27.270 --> 01:22:32.640

Gerald L Clarke: I'll get to that in a minute on this interesting. What is the ability to town to compel that's the same question.

613

01:22:36.210 --> 01:22:41.550

Gerald L Clarke: understate onto the law of the Commonwealth a public water supply company.

614

01:22:44.010 --> 01:22:49.830

Gerald L Clarke: Is not accessible for regulation to the municipality.

615

01:22:52.080 --> 01:22:59.430

Gerald L Clarke: The regulation responsibility and authority is solely at the Commonwealth, the state level.

616

01:23:00.270 --> 01:23:13.260

Gerald L Clarke: For tariffs and financial matters at the Department of Public Utilities for issues of water quality water supply and the like at the Department of Environmental Protection. Those are the two

617

01:23:14.100 --> 01:23:31.560

Gerald L Clarke: governmental bodies who have full legal standing authority and responsibility. The town has absolutely no legal standing, the Board of Health has no control no regulatory authority, and indeed.

618

01:23:32.850 --> 01:23:52.890

Gerald L Clarke: Often isn't even provided information in this particular case by a public water supply company. There are questions as to whether or not they are legally required to or not. In fact, I will bring up a comment that was made by one of the things that has just this morning arisen.

619

01:23:54.570 --> 01:23:59.820

Gerald L Clarke: Is that because this has now moved to a federal level.

620

01:24:00.900 --> 01:24:10.920

Gerald L Clarke: At the so called level two and that's directly related to the fact that this is a two occurrences of the same problem in a 12 month period.

621



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01:24:12.450 --> 01:24:26.310

Gerald L Clarke: The federal government now is involved the DTP now will require a so called Level two response and that is completely documented and you don't want to have to spend the time reading it. Now, believe me.

622

01:24:27.000 --> 01:24:36.990

Gerald L Clarke: But it is completely documented in this level to document which I received this morning and will take the time to read on.

623

01:24:39.210 --> 01:24:42.420

Gerald L Clarke: What else do we have that you may have with interest.

624

01:24:45.690 --> 01:24:48.990

TDM: Jerry, may I ask a question. This is a League Soccer

625

01:24:49.020 --> 01:25:00.360

TDM: Yes. Okay, now that we have seen this company fail us twice in less than a year, what does that leave them open to in terms of

626

01:25:01.050 --> 01:25:13.920

TDM: Their, their license to operate and the future for them to continue doing that if they have already lead us into this situation where we don't have an, an easy solution to get out of that.

627

01:25:15.660 --> 01:25:22.020

Gerald L Clarke: There are actually two different issues, the one you're addressing now and another issue which has been long standing

628

01:25:26.130 --> 01:25:31.650

Gerald L Clarke: Both of them are DDP I'm going to tell a tale out of school.

629

01:25:33.840 --> 01:25:35.490

Gerald L Clarke: Some years ago,

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01:25:36.870 --> 01:25:41.490

Gerald L Clarke: And certainly, it was exacerbated by the 2016 drove

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01:25:43.050 --> 01:25:46.950

Gerald L Clarke: The individuals at the drinking water program within the DP.

632

01:25:48.180 --> 01:25:51.420

Gerald L Clarke: Were directly personally contacted

633



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01:25:52.770 --> 01:25:58.980

Gerald L Clarke: About the fact that several of the public water supply companies in this town.

634

01:26:00.540 --> 01:26:10.530

Gerald L Clarke: Who are permitted who've permits explicitly state, the total amount of water that they may withdraw on a daily basis.

635

01:26:12.630 --> 01:26:13.590

Gerald L Clarke: Regularly

636

01:26:14.730 --> 01:26:20.880

Gerald L Clarke: And typically for six or seven month period during which obviously people are irrigating outside

637

01:26:22.110 --> 01:26:37.590

Gerald L Clarke: overdraw sometimes terribly dramatically overdraw. If you go to the hydrology study, you will find the reference to the concern for what might occur because of the overdrawing

638

01:26:39.300 --> 01:26:43.380

Gerald L Clarke: I leave you to draw the inference.

639

01:26:45.870 --> 01:26:53.760

Gerald L Clarke: That is a continuing problem and the statement was provided to the Board of Health at that time.

640

01:26:55.080 --> 01:26:55.740

Gerald L Clarke: That they do.

641

01:26:56.040 --> 01:26:58.530

Gerald L Clarke: And by the way, there was an article in The Boston Globe yesterday.

642

01:26:58.590 --> 01:26:59.520

Gerald L Clarke: On another matter.

643

01:26:59.580 --> 01:27:00.690

Gerald L Clarke: Of the DP, but the

644

01:27:00.690 --> 01:27:04.740

Gerald L Clarke: Answer is the same, that the TTP has neither the

645

01:27:04.740 --> 01:27:05.310

Gerald L Clarke: Staff



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646

01:27:05.370 --> 01:27:06.390

Gerald L Clarke: Nor the time

647

01:27:07.980 --> 01:27:08.490

Gerald L Clarke: To

648

01:27:08.610 --> 01:27:10.890

Gerald L Clarke: Monitor all of the

649

01:27:11.310 --> 01:27:17.070

Gerald L Clarke: filings and companies that they regulate and they therefore set, if you will, a floor limit.

650

01:27:18.330 --> 01:27:20.430

Gerald L Clarke: In the case of public water supply.

651

01:27:21.600 --> 01:27:27.390

Gerald L Clarke: It is 150,000 Gallons Per Day withdrawal. The colonial permit.

652

01:27:27.540 --> 01:27:29.670

17742173033: Is 130,000 gallons.

653

01:27:29.760 --> 01:27:32.370

Gerald L Clarke: A day now colonial

654

01:27:33.930 --> 01:27:34.680

Gerald L Clarke: Truthfully,

655

01:27:34.740 --> 01:27:37.260

Gerald L Clarke: Correctly does report.

656

01:27:37.470 --> 01:27:39.900

17742173033: Each year the fact that they

657

01:27:39.990 --> 01:27:41.880

Gerald L Clarke: Dramatically overgrow that

658

01:27:43.050 --> 01:27:44.850

17742173033: You know, six or seven month period.

659



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01:27:46.020 --> 01:27:46.440

Gerald L Clarke: Far

660

01:27:46.470 --> 01:27:48.510

Gerald L Clarke: In excess of 130,000 gallons a

661

01:27:48.510 --> 01:27:52.140

Gerald L Clarke: Day. However, the floor limit is 150,000

662

01:27:53.250 --> 01:28:03.330

Gerald L Clarke: So as a result, they file their annual statements and there's not a lot of anybody pays any attention to it.

663

01:28:05.340 --> 01:28:11.040

Gerald L Clarke: So that is an ongoing problem and the hydrology report in Section seven

664

01:28:12.120 --> 01:28:12.510

Gerald L Clarke: In

665

01:28:12.540 --> 01:28:16.110

Gerald L Clarke: Gives you the influence of negative outcomes that may occur.

666

01:28:18.060 --> 01:28:20.010

Gerald L Clarke: Then you go to your question.

667

01:28:21.720 --> 01:28:24.060

Gerald L Clarke: Who is responsible for telling the

668

01:28:24.600 --> 01:28:36.960

Gerald L Clarke: Company, how to resolve this professor host of caucus has given excellent example of what could be done, it would rightfully be done by the company.

669

01:28:37.710 --> 01:28:59.100

Gerald L Clarke: Whether the Department of Public Utilities would choose to include that cost as part of the tariff or review it as a cost that for which the company has no right to recap recompense, not that would be a matter between the customers the GPU and colonial just as it was in 1975 to 78

670

01:29:02.160 --> 01:29:07.470

Gerald L Clarke: But, sir, clearly this is a matter that must be brought to the DP.

671

01:29:11.490 --> 01:29:20.940



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Gerald L Clarke: Representative Denise garlic and her aid marine Callahan have been constantly involved in this and working to

672

01:29:21.960 --> 01:29:25.980

Gerald L Clarke: Keep connected to the appropriate people at the DP.

673

01:29:28.140 --> 01:29:29.070

Gerald L Clarke: I, I will

674

01:29:30.030 --> 01:29:31.440

17742173033: I will just say to you that

675

01:29:33.690 --> 01:29:38.430

Gerald L Clarke: Some of our names are well known to the responsible parties at the DP so

676

01:29:39.990 --> 01:29:43.140

Gerald L Clarke: I think the response to calls has been duck and cover.

677

01:29:45.030 --> 01:29:56.460

Rein Uritam: All right, Jerry. So look on the chat. I can't agree more. Some people been saying the short term for it seems to me, I'm not on model. Well, so I'm not encomium so

678

01:29:56.850 --> 01:30:11.940

Rein Uritam: But if I were on this company short term and seems to me I should either. I'm going to be boiling my water buying bottled water or now that john Jeffries. The Selectmen who's part of this. Let me just rant for a minute.

679

01:30:12.450 --> 01:30:18.150

Rein Uritam: Um, before getting water from the tanker that's down the cam garage. That's freshwater

680

01:30:18.480 --> 01:30:34.740

Rein Uritam: And and I'm going to be asking and maybe Denise garlic. You want to talk about this now, but this is totally unacceptable that d EP is not enforcing the regs that they're supposed to be enforcing

681

01:30:35.130 --> 01:30:49.590

Rein Uritam: Against this company, they have been withdrawing way too much water. It's not right that d says we don't have enough stuff you're too small town. We can't deal with it. It's got to be dealt with.

682

01:30:50.640 --> 01:30:51.330

17742173033: Okay.

683



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01:30:51.600 --> 01:30:59.010

Rein Uritam: And I'm a mad person. And I'm not even on the water company. This has been going on for years.

684

01:31:00.090 --> 01:31:08.310

Rein Uritam: So would you like to say something representative garlic about this. What is being done to get the EP on the stick about this.

685

01:31:11.970 --> 01:31:12.900

Gerald L Clarke: Amount of

686

01:31:14.220 --> 01:31:14.640

Maureen Callahan: I'm here.

687

01:31:15.300 --> 01:31:16.650

Rein Uritam: At you as a person, but

688

01:31:16.860 --> 01:31:18.630

Rein Uritam: This is not acceptable.

689

01:31:19.680 --> 01:31:20.250

Denise Garlick, REP: Okay.

690

01:31:21.780 --> 01:31:40.350

Maureen Callahan: I represent representative garlic at legislative aide more in Cali and so I'm here listening in today so I can report back. I do know that representative Garlic has a meeting set up tomorrow with a dp and that time administrator on two people from the DTP to discuss this and

691

01:31:41.460 --> 01:31:52.200

Maureen Callahan: Get action on this, but that meeting has not taken place yet but believe me. She's very upset about it. She is going to actually is setting up that meeting for tomorrow. Hopefully they'll have

692

01:31:52.620 --> 01:31:56.790

Rein Uritam: Better business, you know, Marina and you and I have not spoken before

693

01:31:58.350 --> 01:32:20.250

Rein Uritam: You probably wouldn't be picking up my phone if we had. But, I mean, the point is, this is not right. And it's been going on for years and I knew nothing about how bad this was and what I'm referring to is not the short term, E. Coli issue, but the long term water.

694

01:32:20.250 --> 01:32:26.940

Rein Uritam: Withdrawals in excess of the permitted amounts which probably contributed



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695

01:32:27.810 --> 01:32:49.320

Rein Uritam: To the E cola issue because if you are sucking in much more water to your wells that are supplying the water to households to a third of Dover, you're probably sucking and stuff it septic stop, although we don't know for sure from a Jason homes septic systems.

696

01:32:50.400 --> 01:32:56.070

Rein Uritam: So this is all interrelated excessive water withdrawals.

697

01:32:56.280 --> 01:32:57.270

Rein Uritam: And now.

698

01:32:57.990 --> 01:32:59.430

John Jeffries: The contamination.

699

01:33:00.420 --> 01:33:09.150

Rein Uritam: So this is a big deal. I hope the hell. The Boston Globe writes this up and I hope I don't know what. But I hope somebody takes

700

01:33:10.320 --> 01:33:13.380

Rein Uritam: Incredible action quickly on this matter.

701

01:33:14.550 --> 01:33:15.840

Gerald L Clarke: If I may just need

702

01:33:16.080 --> 01:33:16.470

Bob Dixon: But I

703

01:33:16.500 --> 01:33:17.850

Bob Dixon: Could I ask a question.

704

01:33:18.300 --> 01:33:20.520

Gerald L Clarke: Please, who is that, please.

705

01:33:20.610 --> 01:33:22.230

Bob Dixon: Bob Dixon. Yes.

706

01:33:23.520 --> 01:33:24.630

Bob Dixon: I could could

707

01:33:25.980 --> 01:33:26.790



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Bob Dixon: Representative

708

01:33:27.870 --> 01:33:37.230

Bob Dixon: For representative garlic helped me understand what's more important for her to do right now, when

709

01:33:38.280 --> 01:33:48.330

Bob Dixon: A couple thousand of her constituents and over are without drinkable water, what else, what is more important on her schedule today.

710

01:33:48.750 --> 01:33:53.640

Bob Dixon: Than that, then being here as part of this meeting, I kind of imagined this

711

01:33:53.700 --> 01:33:56.940

Denise Garlick, REP: Anything that was so scary.

712

01:33:57.120 --> 01:33:59.040

Bob Dixon: Situation, not being able to bring

713

01:33:59.160 --> 01:33:59.790

The water.

714

01:34:02.250 --> 01:34:03.660

Denise Garlick, REP: Very. Can you hear me.

715

01:34:04.350 --> 01:34:05.340

Gerald L Clarke: Yes, we can hear you.

716

01:34:05.670 --> 01:34:06.480

Denise Garlick, REP: Hi everyone.

717

01:34:06.720 --> 01:34:09.450

Denise Garlick, REP: So this is Denise Gallagher. I've been on the call.

718

01:34:09.870 --> 01:34:18.150

Denise Garlick, REP: Since the beginning of the call Maureen has attended every single Board of Health meeting and I have been debriefed on all of these meetings.

719

01:34:18.570 --> 01:34:28.080

Denise Garlick, REP: I'm in touch with the town administrator, I am touch with the EP, this is not a problem that is uncomplicated and



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720

01:34:28.800 --> 01:34:40.320

Denise Garlick, REP: I'm looking forward to the Board of selectmen meeting tomorrow evening after I discussed issues with the EP and can bring more information available there is nothing more important than the drinking water.

721

01:34:40.800 --> 01:34:41.910

Bob Dixon: And I apologize.

722

01:34:42.240 --> 01:34:42.780

Denise Garlick, REP: To me.

723

01:34:43.050 --> 01:34:43.410

By

724

01:34:44.610 --> 01:34:50.460

Bob Dixon: Representative. I apologize. I thought I heard your age, say that you are in doing something else.

725

01:34:52.200 --> 01:34:54.780

Denise Garlick, REP: I think she might have said that, but I am on this call.

726

01:34:55.080 --> 01:34:56.850

Bob Dixon: I am, thank you. Thank you.

727

01:34:57.240 --> 01:34:57.870

Gerald L Clarke: You're welcome.

728

01:34:58.410 --> 01:35:01.020

Gerald L Clarke: Just so I think a nice understands

729

01:35:01.020 --> 01:35:03.720

Gerald L Clarke: This one aspect of the

730

01:35:04.800 --> 01:35:12.030

Gerald L Clarke: Request town meeting for us to be able to undertake the study was concerned that the overdrawing had

731

01:35:12.570 --> 01:35:28.500

Gerald L Clarke: Certain implications for legal reasons I'm not going to say anything further, I urge you to look at the hydrology report read through it. If nothing more than sections one section seven and you can draw your own inferences.



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732

01:35:29.340 --> 01:35:30.330

Gerald L Clarke: I don't want to make

733

01:35:30.360 --> 01:35:32.610

Gerald L Clarke: Any statements at that attribute

734

01:35:32.700 --> 01:35:35.430

Gerald L Clarke: Results for legal reasons.

735

01:35:36.540 --> 01:35:39.960

Gerald L Clarke: But you can find information there.

736

01:35:41.310 --> 01:35:49.260

Gerald L Clarke: It is clear that there has been a consistent pattern of abuse of the environment that there can be no question

737

01:35:50.010 --> 01:35:56.040

Gerald L Clarke: There has been a consistent pattern even stated in meetings before the Board of selectmen

738

01:35:56.730 --> 01:36:05.610

Gerald L Clarke: twice now recorded by the President of the holding company New England service Corporation in Connecticut company, which is

739

01:36:05.940 --> 01:36:26.700

Gerald L Clarke: For those who understand the term. It's a pink sheet company. It is technically a traded company but extremely closely held it owns five water companies three in Massachusetts, one in New Hampshire one in Connecticut. You can if you wish. Public Data WE'VE MADE AVAILABLE ON THEIR FILINGS

740

01:36:27.870 --> 01:36:29.640

Bob Dixon: I can't meet him at one o'clock.

741

01:36:30.690 --> 01:36:31.500

It's a pattern.

742

01:36:34.380 --> 01:36:35.820

Rein Uritam: With your thing, unmute

743

01:36:37.980 --> 01:36:45.000

Gerald L Clarke: The pattern you see in in the colonial is not unusual in the other companies that they operate.

744



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01:36:46.560 --> 01:36:47.430

Gerald L Clarke: Unfortunately,

745

01:36:49.620 --> 01:36:50.100

Gerald L Clarke: And

746

01:36:51.390 --> 01:37:01.260

Gerald L Clarke: All I can say about colonial is they openly stated to the Board of selectmen this year that they themselves took no responsibility whatsoever.

747

01:37:01.950 --> 01:37:05.010

Gerald L Clarke: On the amount of water that is being used by their customers.

748

01:37:05.520 --> 01:37:26.460

Gerald L Clarke: And disputed their ability to implement the very provisions that are in their permit that explicitly call for them to undertake conservation measures explicitly call on them to force a reduction of excessive use explicit conditions in their permit.

749

01:37:28.080 --> 01:37:30.750

Gerald L Clarke: That have never been taken up in action.

750

01:37:33.090 --> 01:37:50.250

Rein Uritam: I don't know, sending information, Jerry, as far as Denise your legislature is concerned and Jerry. I'm sure you'll correct me if my memory is faulty in Massachusetts. The other two locations for colonials holdings that may be

751

01:37:50.790 --> 01:37:52.530

Gerald L Clarke: New England sure if this company do

752

01:37:52.530 --> 01:37:56.820

Rein Uritam: Anglin service once in Plymouth, and I believe the second is in Sheffield mass

753

01:37:56.940 --> 01:38:10.320

Rein Uritam: That is cool. At least from my representatives point of view, getting other representatives in the space involved is there's documents Denise Jerry is in the water. I believe it's in our water report Jerry and

754

01:38:11.250 --> 01:38:15.360

Gerald L Clarke: Well, I'm gonna bring something back up again for everyone's purpose.

755

01:38:15.900 --> 01:38:25.170

John Jeffries: Jerry when you when you have a minute or when you'd like to take a breath and I'd like to make some comments on some of the things that you've been you've been suggesting regarding the board of selectmen



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756

01:38:26.820 --> 01:38:29.280

Gerald L Clarke: I didn't suggest anything about the board of selectmen you

757

01:38:29.280 --> 01:38:33.480

John Jeffries: Certainly, did you you made statements that a categorically faults.

758

01:38:34.320 --> 01:38:35.040

Gerald L Clarke: I said that

759

01:38:35.250 --> 01:38:36.690

John Jeffries: Candidate when you

760

01:38:37.290 --> 01:38:42.240

John Jeffries: Stop talking. And listen, I would be happy to comment you want to

761

01:38:42.330 --> 01:38:43.260

Gerald L Clarke: Make sure that I let

762

01:38:43.320 --> 01:38:47.340

John Jeffries: Me know when you are ready to stop talking and listen.

763

01:38:47.550 --> 01:38:48.690

John Jeffries: And I'll be happy to.

764

01:38:48.690 --> 01:38:49.260

John Jeffries: Comment

765

01:38:49.950 --> 01:38:55.470

Gerald L Clarke: I said was he appeared before the Board of selectmen I said nothing about what the order selectmen did

766

01:38:55.530 --> 01:39:06.330

John Jeffries: I wait until you are ready to stop talking and let me comment let me know when you're ready to stop talking and let me comment.

767

01:39:07.260 --> 01:39:13.410

Gerald L Clarke: This is our meeting shown, I want to call it to the public's attention. This particular URL again.

768

01:39:15.390 --> 01:39:26.820



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Gerald L Clarke: Anything you want to know about the Dover water company or its successor colonial you will find here you're going to leave this up.

769

01:39:27.780 --> 01:39:31.020

Rein Uritam: And if I made John and Jerry because I

770

01:39:31.020 --> 01:39:37.740

Rein Uritam: Both like you a lot and think you're also working towards a common good. As am I on all of this.

771

01:39:38.250 --> 01:39:40.830

Rein Uritam: The Dover Sherburne cable TV.

772

01:39:41.010 --> 01:39:44.610

Rein Uritam: I was at those meetings that Jerry's referring to John

773

01:39:45.150 --> 01:39:48.480

Rein Uritam: I think you were a selectman then I can't remember. It's been a

774

01:39:48.480 --> 01:39:55.650

Rein Uritam: Long time that we have been dealing with colonial there on the Duggar Sherburne cable TV.

775

01:39:56.070 --> 01:40:10.380

Rein Uritam: And if people are interested, Mike Klein, who is the director of the Dover Sherburne cable TV can get those tapes for you, so to speak, tapes and you can see I think there were three times. Jerry that you and I were there.

776

01:40:11.040 --> 01:40:18.120

Rein Uritam: Before the selectmen again John. I don't know if this preceded you or not. We've been going to these meetings for a long time. Okay.

777

01:40:18.390 --> 01:40:32.070

Rein Uritam: But you can see, so we don't have to say, he said, she said. He said, whatever, and I agree with Jerry John please let Jerry finish our meeting and then we're all going to be coming to your meeting tomorrow. Don't worry. Okay.

778

01:40:41.310 --> 01:40:42.690

Rein Uritam: Are we finished Jerry or

779

01:40:42.840 --> 01:40:52.170

Gerald L Clarke: Well, I'm looking to see, I've gotten some questions that have shown up in chat and anybody who has a question. We have the time now for citizen comment.



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780

01:40:55.950 --> 01:40:57.420

Meena Menon: I had a couple of questions.

781

01:40:58.110 --> 01:40:59.670

Gerald L Clarke: Could you identify yourself, please.

782

01:41:00.150 --> 01:41:03.810

Meena Menon: Yeah, this is Sushil Kumar 45 Walpole straight

783

01:41:05.250 --> 01:41:14.010

Meena Menon: Logged in under my wife's name Mina Mina, so two questions. One was for, you know, the immediate addressing the issue.

784

01:41:14.730 --> 01:41:22.980

Meena Menon: The concept when it goes to a level two, at least from what I read from the DP side when it's indicated, that's a level to

785

01:41:23.580 --> 01:41:35.340

Meena Menon: The utility company is expected to provide whatever means of addressing the immediate water issue. So having a tanker

786

01:41:36.000 --> 01:41:52.020

Meena Menon: In some parking lot somewhere here in town is not really a convenient mechanism, we don't have enough containers that can, you know, store and retain all of this water that's needed on a daily basis. Doesn't seem practical. So what else can we

787

01:41:53.550 --> 01:42:02.130

Meena Menon: You know, enforce our get this company to do to make it more convenient for us. That is for the immediate need long

788

01:42:03.180 --> 01:42:23.520

Meena Menon: I had a second question. I think somebody mentioned the concept of getting this company to install the UV filter mechanism, what can we as consumers, and as the representative that we have

789

01:42:25.140 --> 01:42:32.160

Meena Menon: Do to force this company to address this for the longer term as soon as possible. Thank you.

790

01:42:32.910 --> 01:42:42.690

Gerald L Clarke: So the first question I can only point you to the colonial site where they indicate that they are attempting to get bottled water as well. I believe they say

791



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01:42:43.110 --> 01:42:51.630

Gerald L Clarke: That there are some limitations as to the issue of filtration and sanitisation I deliberately brought this up on

792

01:42:52.290 --> 01:43:03.990

Gerald L Clarke: The ultraviolet see for two different purposes. One was earlier regarding buildings, but this case water. I think it is the obligation of the company.

793

01:43:04.680 --> 01:43:16.830

Gerald L Clarke: To provide secure safe water supply. I don't think it should be incumbent upon the consumer to install the cost of such a system.

794

01:43:17.130 --> 01:43:28.650

Gerald L Clarke: If one was a private well owner and had issues as we have had people put in reverse osmosis systems in some cases for much less issues than this, believe me.

795

01:43:29.490 --> 01:43:38.640

Gerald L Clarke: That's one story, but where you are paying to be provided through a public water supply company I would hope it would be understood at the state level.

796

01:43:38.910 --> 01:43:55.740

Gerald L Clarke: That this is incumbent on the company to resolve this, because that's the only way this is going to be prevented from happening, a third time and a fourth time and any heavy precipitation event. Again, you notice both of these occurred as a result of heavy precipitation events.

797

01:43:56.970 --> 01:43:59.220

Gerald L Clarke: I separately. Denise.

798

01:43:59.490 --> 01:44:16.980

Gerald L Clarke: Yes, there is a separate issue that I think the filings that have been provided by the company regarding the so called zone one in zone two areas, the so called areas of protection really need to be reviewed by relevant authorities.

799

01:44:18.660 --> 01:44:23.580

Gerald L Clarke: In with respect to the pre existing septic systems that may be neighborly

800

01:44:24.960 --> 01:44:27.270

Gerald L Clarke: I'm not gonna say anything further, I think you can figure it out.

801

01:44:28.380 --> 01:44:28.920

Denise Garlick, REP: I can

802



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01:44:31.140 --> 01:44:40.980

Gerald L Clarke: I mean, this has been a long standing issue. I think that's the only fix. And I think you customers through your representatives at the state level.

803

01:44:42.390 --> 01:44:53.220

Gerald L Clarke: Senator Mike rush representative Denise garlin through the email contacts that we have provided you to the very people who are responsible

804

01:44:55.350 --> 01:44:56.250

Gerald L Clarke: Need to be

805

01:44:57.960 --> 01:45:07.470

Gerald L Clarke: Contacted john Jeffries has raised the question of supplemental supply that's actually a good question drone. One of the things that we suggested to the DTP

806

01:45:08.250 --> 01:45:18.120

Gerald L Clarke: Several years ago was that if they're going to continue to pump. This way they should in fact install high capacity storage tanks at their cost.

807

01:45:18.690 --> 01:45:30.690

Gerald L Clarke: So that they could even out there pumping over a period and not cause this type of excessive man. I mean, the fact of the matter is the company is operating as if it was a private well

808

01:45:31.080 --> 01:45:39.120

Gerald L Clarke: Owner and just pumping as much as they can possibly pump out of the holes in the ground on demand, which is not what you expect.

809

01:45:41.190 --> 01:45:43.530

Gerald L Clarke: So any other questions now.

810

01:45:43.560 --> 01:45:51.390

Rein Uritam: Karen. Let me you had one from a woman who says, is it safe to wash children's open wounds and cuts using this water.

811

01:45:51.570 --> 01:45:52.800

Gerald L Clarke: Here, you want to address that.

812

01:45:52.860 --> 01:45:54.450

kaypetersen: Yeah, I was just about to

813

01:45:55.560 --> 01:45:56.130

kaypetersen: I



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814

01:45:57.600 --> 01:46:01.920

kaypetersen: Although I think it's unlikely that anything would happen. I would not do what I would use clean water.

815

01:46:03.240 --> 01:46:06.120

kaypetersen: Think that makes sense. Somebody else asked a question about

816

01:46:08.370 --> 01:46:19.290

kaypetersen: Dishes from the dishwasher, which I think is a very good question. I don't have an answer yet. But the question is if you wash your dishes in your dishwasher. Which, by the way, this is not going to get hot enough to

817

01:46:20.190 --> 01:46:33.240

kaypetersen: sterilize the water. If you then let them dry for some prolonged period of time, would they be fine. And the answer is yes, but I don't know what that prolonged period of time would be no I'll see if I can figure that one out.

818

01:46:33.690 --> 01:46:42.300

Rein Uritam: And Kate, what about this other question, so should children not be bathing in the water right now I don't shower.

819

01:46:42.660 --> 01:46:49.530

kaypetersen: It depends on whether they're going to be drinking the bathwater, or not only the person who knows it is going to be able to figure that when

820

01:46:50.580 --> 01:46:52.230

Rein Uritam: You put on a mask or

821

01:46:54.780 --> 01:46:58.050

Janit Greenwood: A it's Janet Greenwood at nine Hawthorne lane.

822

01:46:58.800 --> 01:47:11.040

Janit Greenwood: I read on like New Hampshire TTP has a very good information page and as to doing the dishwasher. If you have a sanitized cycle. They say that that time then

823

01:47:11.640 --> 01:47:28.920

TDM: Huh. Yes, this is Alina most startups, I discovered my dishwasher does have that cycle as well as a very hot and extended washing period and then a very sunny rinse and believe me I've never seen my

824

01:47:29.430 --> 01:47:41.250

TDM: So much steam come out of my dishwasher and the dishes were very, very clean. I don't think there was anything on there to be concerned about. If you have that Sandy. Sandy button.



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825

01:47:42.120 --> 01:47:59.130

kaypetersen: I'm not sure that you can count on the temperature getting high enough. It may, but it may not necessarily. I wonder if you could put a remote thermometer that could handle temperatures like that into your dishwasher and see, see what temperature actually reaches

826

01:47:59.880 --> 01:48:07.320

Rein Uritam: And what k about washing hands, gentlemen, as same as dishes are more susceptible to contamination.

827

01:48:07.590 --> 01:48:23.640

kaypetersen: The only way that you can get infected with this eco way that I was talking about is through your mouth. And so I if you wash your hands and they drive the there aren't going to be residual eco and your hands.

828

01:48:26.010 --> 01:48:27.300

kaypetersen: I wouldn't worry about that.

829

01:48:30.990 --> 01:48:31.530

TDM: But taking

830

01:48:31.560 --> 01:48:33.750

TDM: Showers is ok for adults.

831

01:48:34.260 --> 01:48:36.570

kaypetersen: Yes. Again, don't drink our water.

832

01:48:37.470 --> 01:48:38.940

17742173033: Thank you. Thank you.

833

01:48:39.750 --> 01:48:41.850

Gerald L Clarke: I see several questions about private

834

01:48:41.850 --> 01:48:45.660

Gerald L Clarke: Wells and such is Ron, are you still with us.

835

01:48:47.340 --> 01:48:48.090

ron.myrick: Yes, I'm here.

836

01:48:48.450 --> 01:48:52.200

Gerald L Clarke: Okay, now an individual asked



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837

01:48:53.220 --> 01:48:55.680

Gerald L Clarke: Our private wells at risk.

838

01:48:56.730 --> 01:49:00.270

Gerald L Clarke: To the same scenario is I'm summarizing the question.

839

01:49:03.660 --> 01:49:04.170

ron.myrick: They

840

01:49:05.550 --> 01:49:09.810

ron.myrick: Every private well is drawing water from some location.

841

01:49:11.550 --> 01:49:20.190

ron.myrick: If it there's there's protections in place setbacks from septic systems and other protections to try to prevent that.

842

01:49:20.940 --> 01:49:33.720

ron.myrick: But they're imperfect. So it is possible if you have a densely septic system populated area and you have wells that are capturing water from closer to the surface that you could have impacts.

843

01:49:35.040 --> 01:49:45.480

ron.myrick: Part of the sampling the Board of Health requires when there's a transfer property, I believe, Jerry, and you can speak to that requires testing for eco lie and coliform bacteria so

844

01:49:46.260 --> 01:49:54.450

ron.myrick: Is it possible certainly is a common. I don't know. Jerry Could you speak to what you see and the results that you get from a property transfers.

845

01:49:55.260 --> 01:49:57.120

Gerald L Clarke: Two years ago we fought

846

01:49:58.260 --> 01:50:05.070

Gerald L Clarke: To put in place and do have in place a regulation. I know we got a lot of negative feedback from

847

01:50:06.510 --> 01:50:08.220

Gerald L Clarke: Predominantly real estate agents.

848

01:50:09.420 --> 01:50:16.230

Gerald L Clarke: We are have now two years required that a seller of a property or

849



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01:50:17.310 --> 01:50:27.390

Gerald L Clarke: Problem. Anyone who transfers a property even gifting it to a child a transfer of title requires that a full

850

01:50:28.620 --> 01:50:42.540

Gerald L Clarke: Water Quality test done with chain of custody be done to ensure that the quality of the water is sufficient for public water use potable water.

851

01:50:43.260 --> 01:50:54.570

Gerald L Clarke: We are testing for various elements that go to exactly what you've heard and that report must be presented to the Board of Health and to the acquiring

852

01:50:55.380 --> 01:51:17.490

Gerald L Clarke: purchaser or receiver of the property. We did not feel we could force residents to do this themselves on a calendar regular cyclical basis we have strongly recommended that people do this every few years unless they have reason to believe there's a further problem, but we have repetitively.

853

01:51:18.720 --> 01:51:19.650

Gerald L Clarke: Trying to get

854

01:51:21.090 --> 01:51:24.840

Gerald L Clarke: Individuals and we chase down title changes.

855

01:51:26.580 --> 01:51:37.530

Gerald L Clarke: To ensure that we get that and a few times that we have seen water quality test come back that are problematic, whether it is myself or the wealth agent Felix semel

856

01:51:38.190 --> 01:51:50.940

Gerald L Clarke: Have gone back to those individuals and informed them that they must take corrective action. Most of the times, it involves a very minimal cost reverse osmosis system we

857

01:51:51.750 --> 01:52:12.960

Gerald L Clarke: Do the same thing when someone installs a new septic system or replaces or maintains a septic system or does a fracking have a well we're constantly looking at is this going to impact water quality. We can't canvas everybody in town. We do it on a transactional basis.

858

01:52:14.310 --> 01:52:15.390

Carol Lisbon: Area, like you're like,

859

01:52:15.750 --> 01:52:17.010

Rein Uritam: Oh, sorry. Go ahead, girl.

860



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01:52:17.100 --> 01:52:17.940

Okay, thanks. Justine.

861

01:52:19.230 --> 01:52:27.930

Carol Lisbon: There used to be on the old website and I hope it is now, and maybe maybe born health can make it a bit more prominent. But, there used to be a list of

862

01:52:28.230 --> 01:52:44.430

Carol Lisbon: Because you can't recommend specific labs. But you did provide a list of labs that homeowners could use for private well testing, and I believe there was also a document that talked about the specific

863

01:52:45.450 --> 01:52:49.470

Carol Lisbon: Options that you should be checking off because there's so many different things that you could test for

864

01:52:50.580 --> 01:52:50.910

Gerald L Clarke: Oh,

865

01:52:51.600 --> 01:53:05.100

Rein Uritam: And Jerry, if I may, may you have a good question here from a Chris Condon about private wells, given that we're all drawn from the same aquifer, but specifically the private wells.

866

01:53:05.550 --> 01:53:15.330

Rein Uritam: Yeah, that might be near colonial wells, would they be at a higher risk, perhaps, or having possible issues with the quality of their water.

867

01:53:15.780 --> 01:53:17.160

Gerald L Clarke: When you want to speak to that.

868

01:53:19.620 --> 01:53:34.530

ron.myrick: Sure, I doubt it. Because most of the wells will be far enough away and you have a very different dynamic. You're drawing for a private well that the flow rate that you're drawing from this very low and

869

01:53:35.250 --> 01:53:46.230

ron.myrick: And you just not going to get the polian for lack of a more technical term that you're drawing WHEN YOU HAVE A PUBLIC, WELL, THE PUBLIC, WELL is drawing a huge volume of water.

870

01:53:46.710 --> 01:54:03.090

ron.myrick: And more likely to draw from the surface area of the surface source that could potentially be are more likely to be contaminated, but no guarantee. But if I were in that area. I wouldn't be particularly concerned more than being in another area of town. Okay.

871



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01:54:04.530 --> 01:54:18.870

Gerald L Clarke: As to the question of labs and water quality criteria we're going to have a meeting tomorrow with David Sullivan, we're looking at getting back up on the web, a whole host of documents.

872

01:54:20.490 --> 01:54:24.210

Gerald L Clarke: It is problematic to publish a list of labs Hall.

873

01:54:27.630 --> 01:54:35.460

Gerald L Clarke: There is a state listing that the DP maintains which they openly admit they to themselves. It's problematic.

874

01:54:36.060 --> 01:54:41.790

Gerald L Clarke: There are lives there who are listed as certified who they openly acknowledged shouldn't be.

875

01:54:42.300 --> 01:54:51.150

Gerald L Clarke: And they have taken action against them, but they can't remove them from the list until the legal action is resolved, which takes years

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01:54:51.780 --> 01:55:01.740

Gerald L Clarke: Similarly, it's difficult for us to post a list of labs without having complaint from some other lab that we are making recommendations.

877

01:55:02.700 --> 01:55:12.450

Gerald L Clarke: I think it's something that if we're going to do. We're going to have to go to town council and get a recommendation as to how we can legally do that without compromising the ton of

878

01:55:13.230 --> 01:55:21.390

Carol Lisbon: Well, I highly suggest you do that because, as you can tell from this conversation and an awful lot of comments on social media sites.

879

01:55:22.920 --> 01:55:34.230

Carol Lisbon: Even for those of us that live in Dover over 40 years on, we are not water experts and we expect to have some kind of guidance. So I hope you get that done.

880

01:55:34.590 --> 01:55:36.030

Gerald L Clarke: Here we had to take this

881

01:55:40.200 --> 01:55:55.500

Rein Uritam: Crazy. It is. No, I think this is, well, you know, Carol. This does remind me when the coronavirus first hit about all the labs that didn't go through FDA certification. There was something over 100 or so. And there were only four through

882



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01:55:56.280 --> 01:56:12.090

Rein Uritam: A certification and Now guess what they're finding those for better the other. So it's got to be done. And again, this is something I suppose for Denise garlic and state reps and senators to get on the pressure on the EP about the sooner the better.

883

01:56:12.720 --> 01:56:20.850

Gerald L Clarke: Three. By the way, did you see the issue of the DP acknowledging that they have a list of that is incomplete, but it looks in fact include some people they wouldn't like to

884

01:56:20.970 --> 01:56:21.570

Gerald L Clarke: Count on there.

885

01:56:22.470 --> 01:56:23.340

Gerald L Clarke: Is not a secret.

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01:56:23.760 --> 01:56:26.010

Carol Lisbon: It's ridiculous. Government at its best.

887

01:56:26.070 --> 01:56:27.540

Rein Uritam: It's absolutely ridiculous.

888

01:56:28.320 --> 01:56:33.990

Gerald L Clarke: Oh, I see a question about someone said license. It's not a license. It's a permit the

889

01:56:35.310 --> 01:56:40.200

Gerald L Clarke: permit the operating permit withdrawal permit under the mentioned says Water Management Act.

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01:56:41.520 --> 01:56:54.690

Gerald L Clarke: Was pending for some seven years. These were all sitting waiting to be renewed. I won't go into the reason but the Commonwealth put a suspense on all of them, and only this past fall,

891

01:56:55.770 --> 01:56:56.610

Gerald L Clarke: Colonial

892

01:56:58.050 --> 01:57:09.990

Gerald L Clarke: Went through the process of submitting a renewal and to the best of my knowledge, but I have not been able to obtain any confirmation in written form their permit has indeed been renewed

893

01:57:13.470 --> 01:57:25.830

Gerald L Clarke: Again, under the same conditions. If you go to, again, I keep up this URL sitting here on your screen. If you go to that URL, you will find their permit and you will find all the provisions that apply.



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894

01:57:28.380 --> 01:57:36.150

Rein Uritam: Yeah, um, I see that we're having a drop off as could be expected in the last hour. I think we've answered, hopefully a lot of

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01:57:37.350 --> 01:57:52.830

Rein Uritam: The other question I think Carol, rightly so, and John Jeffries encourages everyone to go the segments meeting tomorrow 630 right JOHN. JOHN, are you there still John Jeffries, I believe.

896

01:57:54.600 --> 01:57:55.410

John Jeffries: Correct with Tina.

897

01:57:58.860 --> 01:58:10.110

John Jeffries: Turner, Justin. Yes, that is correct and and just thank you. Justin for pointing it out and Carol your comments, but I would like to strongly encourage everybody on this.

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01:58:10.860 --> 01:58:21.360

John Jeffries: Call in this meeting this morning to please attend tomorrow you'll have an opportunity to hear from colonial water itself. Jerry again just due to

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01:58:22.050 --> 01:58:41.010

John Jeffries: Your comment again incorrectly. My reply to the chat simply replied to the question of permitting and licensing and Colonia I was assuming the the individual asking the question was asking about colonial waters agreement with the town of Dover, which were in the middle of right now.

900

01:58:41.460 --> 01:58:43.650

Gerald L Clarke: Oh, I haven't addressed that at all.

901

01:58:45.210 --> 01:58:45.870

Carol Lisbon: Now that that

902

01:58:46.080 --> 01:58:48.600

Carol Lisbon: Now that that's been raised and we don't want people leaving here.

903

01:58:48.600 --> 01:59:01.440

Carol Lisbon: Today, thinking that that we actually have some local control over colonial water John, could you please explain the limitations of the contract that we have with colonial relative to the center of town.

904

01:59:01.890 --> 01:59:02.340

John Jeffries: Thank you.

905



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01:59:03.000 --> 01:59:14.580

John Jeffries: Carol because, as you know, Carol, it's, it's in your 12 years as a selectman, it's a very complicated multi layered process with

906

01:59:14.940 --> 01:59:28.350

John Jeffries: The supplier with the person with in this particular case colonial water. So there are a number of different factors that go into this partnership, if you will, between the town and the current supplier.

907

01:59:29.670 --> 01:59:43.590

John Jeffries: It is a, it's a multi layered complicated agreement that allows colonial water to supply the customers in the town of Dover, so

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01:59:45.540 --> 01:59:56.850

John Jeffries: I, it would be, it's probably not the best use of everybody's time this morning, we will go into that in detail. Tomorrow. Tomorrow evening Justine 630

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01:59:57.900 --> 02:00:08.970

John Jeffries: It will begin and please please attend, I would like to just clarify two comments that were made one with regards to Denise garlic in her office.

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02:00:09.270 --> 02:00:24.810

John Jeffries: I can tell you as a registered Republican and somebody who admires Denise and her office and I jokingly refer to her as my FAVORITE REPUBLICAN I my favorite democrat and Caroline.

911

02:00:25.170 --> 02:00:25.560

Carol Lisbon: Me.

912

02:00:25.830 --> 02:00:28.410

John Jeffries: A pot Carol has been as my second favorite Democrat.

913

02:00:30.120 --> 02:00:41.430

John Jeffries: The term duck and cover never applies to Denise garlic and her office. I have publicly, both in the town of Dover and at the statehouse

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02:00:41.910 --> 02:00:51.990

John Jeffries: commended Denise on her ability to put her ego and her agenda aside reach across to her constituents, regardless of the topic.

915

02:00:52.230 --> 02:00:57.540

John Jeffries: There is very few people that I've ever witnessed who have the ability to do what she does.

916

02:00:57.870 --> 02:01:12.870



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John Jeffries: So please, rest assured, if the DEP needs to be called on the carpet Denise Garlic will do it. And that again is coming from HER FAVORITE REPUBLICAN AND THE TOWN. IN THE in the Commonwealth of Massachusetts, so

917

02:01:13.800 --> 02:01:34.890

John Jeffries: I would encourage everybody to read the report, I would remind everyone that influence influence influences as Jerry reply as Jerry refers to our subjective and please note that when you hear the terms dramatically as they apply to over pumping

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02:01:36.210 --> 02:01:47.880

John Jeffries: Colonial water does not over pump your neighbors over consume. So when you see this circle come round and round and round.

919

02:01:48.240 --> 02:01:56.910

John Jeffries: It begins and ends with you and your neighbors, we will have the same conversation again and again and again.

920

02:01:57.300 --> 02:02:11.790

John Jeffries: It will come back to enforcement and it will come back to something the residents of the town of Dover are comfortable with regarding enforcement. So please, please join us tomorrow evening.

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02:02:13.410 --> 02:02:18.900

Rein Uritam: Point of information will colonial be the first thing on the agenda or later on in the agenda.

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02:02:19.050 --> 02:02:19.980

John Jeffries: First thing, Justin.

923

02:02:20.190 --> 02:02:21.000

Rein Uritam: Thanks 30 okay

924

02:02:22.230 --> 02:02:31.320

Gerald L Clarke: THANK YOU, JOHN you've introduced an interesting point, I gather that we're on good here because it was a misunderstanding on your part as to what I was referring to.

925

02:02:31.680 --> 02:02:35.370

John Jeffries: It's always a misunderstanding on my part, Jerry. When you're referring to anything.

926

02:02:36.240 --> 02:02:38.910

Gerald L Clarke: Okay, but you've raised an interesting point.

927

02:02:39.360 --> 02:02:44.130

Gerald L Clarke: We had put on the town warrant to consideration.



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928

02:02:44.970 --> 02:02:45.720

Gerald L Clarke: Of a

929

02:02:46.800 --> 02:02:54.990

Gerald L Clarke: Pound, by law, which was composed by some of us at the drop management Task Force level took two years.

930

02:02:56.130 --> 02:03:03.270

Gerald L Clarke: To address those concerns of small towns such as ours without immune a true municipal water supply.

931

02:03:04.380 --> 02:03:27.390

Gerald L Clarke: And that article I did withdraw because it appeared that this would not be a good year to have it on the warrant. I was informed that it would be a little likelihood, it would pass in town meeting, I will just to remind everyone is still a topic that we can address the bylaw would introduce

932

02:03:28.410 --> 02:03:35.820

Gerald L Clarke: Authority who the town specifically because it must go to the Board of Health under State law have

933

02:03:36.750 --> 02:03:52.770

Gerald L Clarke: The authority to attempt to address the topic that John mentioned and that is over consumption but John I would also say a permit that colonial holds puts on them. The onus who address over consumption.

934

02:03:54.390 --> 02:03:54.810

Rein Uritam: And

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02:03:54.840 --> 02:03:56.790

Rein Uritam: Would you say this has just been

936

02:03:56.790 --> 02:04:04.170

Rein Uritam: Speaking, would you say that over over consumption, since it peaks in the summer months, generally relates derogation system.

937

02:04:05.430 --> 02:04:15.810

Gerald L Clarke: Well, yes, I mean all the graphs that I've done all the discussions we've had a drop management Task Force. There is absolutely no question but that a

938

02:04:16.710 --> 02:04:28.560

Gerald L Clarke: Is a cyclical event, it starts to arise, typically in late April and it peaks in the month of July and August into early September. It is a pattern seen throughout the Commonwealth.



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939

02:04:29.220 --> 02:04:39.180

Rein Uritam: And if I may, I encourage anyone who would like to see three acres of belong to come to my house 23 haven straight no irrigation whatsoever.

940

02:04:40.770 --> 02:04:48.360

Rein Uritam: And it by the way. ISN'T DRY. But what you have to do is Mo up high. So your grass gets long roots.

941

02:04:49.590 --> 02:04:51.660

Gerald L Clarke: I think in the irrigation area. One of the most

942

02:04:51.690 --> 02:04:53.010

17742173033: Irritating things is to

943

02:04:53.160 --> 02:04:53.970

Gerald L Clarke: Drive by

944

02:04:54.120 --> 02:05:00.750

Gerald L Clarke: A home when it's raining or just after its rate and see the irrigation system on

945

02:05:04.860 --> 02:05:05.190

Rein Uritam: Okay.

946

02:05:06.300 --> 02:05:06.810

Rein Uritam: Gary

947

02:05:07.140 --> 02:05:10.110

Rein Uritam: What are their more agenda items. Are we finished for the

948

02:05:10.110 --> 02:05:11.460

Gerald L Clarke: Day. I think it's 10

949

02:05:11.460 --> 02:05:18.870

Gerald L Clarke: O'clock. I don't want to hold people on I will will come back to our projects and our past. I think in our next meeting.

950

02:05:19.740 --> 02:05:21.090

Rein Uritam: And when is that Jerry

951

02:05:21.630 --> 02:05:23.730



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Gerald L Clarke: I will schedule it I'll get

952

02:05:24.090 --> 02:05:38.520

Gerald L Clarke: All of you together. Either way, once again repeat. We have a at least one vacancy. We are looking for folks to participate on the water resource committee looking for all volunteers are highly paid

953

02:05:42.630 --> 02:05:52.050

Carol Lisbon: May also suggest that, given that a good part of our mandate will be a communication and education program.

954

02:05:52.620 --> 02:06:09.360

Carol Lisbon: Off to all households and over rather they use colonial or another water public water company or have a private well on water conservation water quality and so forth that we could really use a person with some expertise in communication in the social media world.

955

02:06:10.710 --> 02:06:14.130

Carol Lisbon: That the average age of our committee needs a little work.

956

02:06:15.210 --> 02:06:20.910

Rein Uritam: Also does most of Massachusetts were like Mississippi and me, where we have a lot of people so

957

02:06:21.480 --> 02:06:23.280

Gerald L Clarke: I'll say just what's what, Assistant.

958

02:06:24.660 --> 02:06:31.590

Gerald L Clarke: I think there's a confusion. Someone raised the point that there may be a confusion between the permit from the DP, you know, excuse me.

959

02:06:32.460 --> 02:06:43.470

Gerald L Clarke: The DP huge responsibility and regulating any public water supply company goes predominantly to hardware, the equipment. The end its costs and it's

960

02:06:43.830 --> 02:06:51.390

Gerald L Clarke: The attribution of that cost in the terrace. That's what the GPU predominantly deals with

961

02:06:52.320 --> 02:07:13.020

Gerald L Clarke: And in to ensure there is no overlap and competition between one completed and another as to water quality and water supply. That is the province only of the DPP or ultimately, as has happened in this particular case, the Federal EPA. I hope that answers that question.

962

02:07:14.310 --> 02:07:23.970



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Rein Uritam: I'm gonna have to sign off. Now, if that's okay. And Ron, if I may. I'll call you on a separate matter, having nothing to do with water.

963

02:07:26.490 --> 02:07:30.000

Gerald L Clarke: To close the meeting at this time. I appreciate everybody's

964

02:07:30.450 --> 02:07:43.590

Gerald L Clarke: Participation the nice you know that the duck and cover wasn't meant for you. It was meant for the certain named individuals that the DP, with whom you are becoming familiar whose names. We've talked about

965

02:07:44.190 --> 02:07:44.550

Denise Garlick, REP: Thank you.

966

02:07:45.510 --> 02:07:51.210

Gerald L Clarke: And unfortunately, I'm the co incidence of the report.

967

02:07:52.320 --> 02:07:58.170

Gerald L Clarke: being published on the third of June, and the contamination. The current on the same date.

968

02:07:59.490 --> 02:08:00.240

Gerald L Clarke: Originally

969

02:08:02.490 --> 02:08:05.040

Gerald L Clarke: Is a telling moment all I'd have to say.

970

02:08:06.900 --> 02:08:07.800

Rein Uritam: Thank you very