



# DORSET FIRE DISTRICT

Dorset Volunteer Fire Dept.  
Dorset Water Co.

**Mailing: PO Box 341 Dorset, VT 05251**  
**Fire Station: 2877 Route 30 Dorset, VT 05251**  
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## DORSET FIRE DISTRICT #1 MEETING

**September 11, 2017**

Present: Roger Squire (Vice Chairman), Abbott de Rham, Steve Jones, Jim McGinnis (Water Operator), Shawn Hazelton (Fire Chief), Rob Gaiotti (Town Manager),

Absent: Ben Weiss (Chairman), Milt McWayne

Others Present: Joe Clark, Colin Stabile, Greg Kepler, V. Longacre, A. Longacre, Jr.

R Squire, Vice Chairman, opened the meeting at 7:00 p.m.

### **Approval of August 14 & 21, 2017 Minutes**

A. de Rham pointed out a typographical error in his name on the August 14, 2017 minutes. A. de Rham moved and S. Jones seconded to table the August 14 and 21, 2017 minutes due to lack of a quorum of attendees.

### **Fire & Water Financials (Gaiotti)**

R. Gaiotti reviewed his report:

- Water District & Fire District cash on hand
- Water & Fire delinquent taxes
- Water debt service fees still due
- Trial Balance report included in packet
- Water first quarter billing has been mailed along with a census

S. Jones moved and A. de Rham seconded to approve the financial reports as presented. Motion carried 3-0.

### **Water Operator's Report (McGinnis)**

- J. McGinnis reported that the chlorinator module malfunctioned today and was replaced with a backup module. Defective module was shipped to HE Anderson Company for repair. J. McGinnis reviewed his written report (attached).
- Discussion of the 249 Meadow Lane leak ensued which covered digging to repair leak which was unsuccessful, bylaw amendment protection, client relationships with the Water District, meeting with M. Samuelson (resident's lawyer), responsibilities of the District and the owner. G. Kepler suggested that when giving information about the pipe locations, that the District say the pipe location is within "x" amount of feet marked – do not give a specific location. M. Samuelson has requested to talk to B. Weiss about this situation.
- 2488 Route 30 ~ the involved parties are deciding on whether to remain on the water system.
- Match Point contractor will be in Dorset on October 17<sup>th</sup> and 18<sup>th</sup> to detect leaks.
- J. McGinnis reviewed the precipitation chart included in his report.

A. de Rham moved and S. Jones seconded to approve the Water Operator's report as presented. Motion carried 3-0.

### **Fire Chief's Report (Hazelton)**

S. Hazelton read his report for the Department's calls for August (copy attached). A. de Rham noted that a notice should be sent to homeowners informing them that fire detectors should have maintenance yearly. This information should also be posted on the web site. C. Stable suggested that the information include that detectors do have expiration dates and should be replaced. S. Jones moved and A. de Rham seconded to approve the Fire Chief's report as presented. Motion carried 3-0.

### **Water Manager's Report (Gaiotti)**

The water report included:

- Water easement & lease agreement drafts have been sent
- Usage data spreadsheets & source application have been created
- Progress continues on metering station portion of planning loan
- DFD bylaw amendment
- Extension for the Preliminary Engineering Report (PER) requirement
- Consideration needs to be given to the types of improvements required, needed & financially feasible
- Main line & service line improvement options
- Water bills, delinquent bills and census forms have been mailed.

A. de Rham suggested cross referencing the lister cards with the new census along with spot checking if there are discrepancies. A. de Rham moved and S. Jones seconded to approve the Water Manager's report as presented. Motion carried 3-0.

R. Gaiotti presented a letter to the Board dated September 11, 2017 and addressed to H. N. Williams Store. The letter validates that the curb cut at Awesome View Drive is considered a shared access with the Dorset Fire house and H. N. Williams. A. de Rham moved and S.

Jones seconded to approve the letter dated September 11, 2017 addressed to H. N. Williams store as presented. Motion carried 3-0.

### **Engineer's Report**

G. Kepler's report covered the following (copy available at the Dorset Town Office):

- Permit to Operate
- DWSRF Planning Loan Application
- 2017 Asset Management Grant
- Service Connection Information
- Water Service Information & Assessment Form (J. McGinnis has some additions)

Merits of interior versus exterior vault bypass was discussed by G. Kepler and A de Rham with G. Kepler noting it should be discussed further.

A. de Rham moved and S. Jones seconded to approve the Engineer's report as presented.  
Motion carried 3-0.

### **Old Business**

1. **Approve Changes to Bylaws for Special Fire District Meeting** ~ R. Squire read the warning. The Board made the following amendments noted by bold typeface:

#10. Last sentence: Change in ownership of a property does not relieve the owner of any charges accrued for fire or water services, **fees**, penalties and/or interest for late payment with the Fire District.

#18. Last sentence: Any water user who ~~**drills a well and**~~ converts to a private water source shall continue to pay an infrastructure availability fee equal to the then-current total annual water fee for that property as established by the District for providing water service.

#20. First sentence: Should a user **elect to disconnect** from the system, the disconnection will occur at the Corporation Cock.

#21. First sentence: If a user **maintains** a private water source, the water lines from the alternative private source may not be connected in any manner to the lines of the water system including shunt valves or switchovers where any possibility of cross contamination can occur.

A. de Rham moved and S. Jones seconded to approve the draft of the Dorset Fire District #1 Special Fire District Meeting Warning as presented with changes listed in red. Motion carried 3-0.

A. de Rham moved and S. Jones seconded to approve the amendments made to the Dorset Fire District #1 Special Fire District Meeting Warning by the DFD Board and listed above. Motion carried 3-0.

2. **Set Date for Special Meeting** ~ The Special Meeting will be held on October 16, 2017. R. Squire asked that the members be prepared and information be available to answer questions at the meeting.
3. **Issues for Special Meeting** ~ A. de Rham and R. Gaiotti are to discuss a strategy for sharing information at the meeting.
4. **Efforts to Coordinate Equipment** ~ topic was tabled
5. **Update on ISO, Testing Flow & Pressure** ~ S. Hazelton wrote a letter for the ISO Board which needed to be approved by the DFD Board. A. de Rham moved and S. Jones seconded to approve the ISO letter as presented. Motion carried 3-0.
6. **Fire Alarm Systems** ~ topic was tabled
7. C. Stabile reported that they received three bids for the storage trailer and the company from Pittsfield, VT was the lowest. A. de Rham moved and S. Jones seconded to approve the purchase of the steel storage container for \$3,600 for Firefighter training from the Pittsfield, VT company. Motion carried 3-0. Permission was also given to use the best method for removal of the old trailer.
8. S. Hazelton received three bids for painting the Fire house. A. de Rham moved and S. Jones seconded to accept the bid from Atlantic Painting pending carpentry repair estimates. Motion carried 3-0. It was suggested that Atlantic Painting start painting where carpentry work is not needed.

### **New Business**

1. **Update on Water Mapping** ~ J. McGinnis noted that he has not heard back from P. Grenedier and that there are 51 curb stops and 6 private lines mapped. A. de Rham said that the sample set is 98% complete and he will bring a copy to the next meeting.
2. **Pump for Barrows Heights** ~ J. McGinnis recommended running a hydrologic test on the system monitoring Barrows Heights. Discussion ensued with G. Kepler suggesting that pressure monitoring be done at a few places. C. Colin noted that there was a way to monitor Barrows Height using the PTO gauges. Testing is scheduled for Tuesday, September 26, 2017 at 7:00 p.m.
3. **Life Insurance for Firemen** ~ S. Hazelton explained that the life insurance was part of the retention program, but was dropped. He is to find out more information for the next meeting.
4. C. Stabile asked permission to sell the repeater equipment, trailer and two yellow fire extinguishers for magnesium fires. A. de Rham moved and S. Jones seconded to approve the sale of the repeater equipment, trailer, and two yellow fire extinguishers. Motion carried 3-0.

A. de Rham moved and S. Jones seconded to adjourn the meeting at 10:45 p.m. Motion carried 3-0.

Respectfully Submitted,

Nancy Aversano

September 6, 2017

To: Dorset Fire District #1

Re: Report on Status of Dorset Water

This report covers the period from August 14 to September 6, 2017.

**Water Test:** The monthly coliform test was conducted on 8/15/2017 and we passed. We also took our annual Disinfection By Product Test. The results have not been announced yet.

**Chlorinator:** The second module was starting to malfunction on the chlorinator, today. Chlorine production was sporadic over the past 48 hours. Replaced module today with the backup. Call HE Anderson of OK for a maintenance number and shipped the broken module.

**Reservoir Building:** There have been no entries since the last report.

**Spring Houses:** Are tight.

**Reservoir Overflow System:** There is a leaky valve that has to be replaced to be working at 100%, presently it is working at 90%. The 10% is that many times when it is full, it doesn't shut off, it just drops the flow of water to 20 to 30 GPM, well below the average use of the distribution system. Rob Leary who work on it in the past want to do it either in October or early November. I test it every time I am there and it always reacts to the level of the float properly.

**Reservoir Bypass System:** Is working and will continue to be used until spring production drops drastically.

**Reservoir Levels:** Are normal throughout this period.

**Mapping the System: Leaks Status:** As a result of the leak survey the following areas are are actively been work on or watched.

**249 Meadow La:** On Sept 1, Hermann Construction started to dig at the 1929 end of the main on Meadow lane. He was seeking to find 249 Meadow La connection to the old main in 1947. He was unsuccessful in finding this connection. He did find a 1 ¼ "service line running to 171 Meadow Lane. He found also the new main which was on the northern shoulder of the road but no connections. Attempted to track the new main but was unable to as there was no continuity between the individual main sections. Tracked the 1 ¼' service line to 171 Meadow La only.

On September 5, Hermann Construction dug in front of 249 Meadow La to tap into the main across the road from her property. It was unsuccessful as it was called off by Brett Hermann because the cost was going to go over his estimate of \$6,000 – \$6500. The main is down 7 feet and on the North side of Meadow La probably under the town's storm pipe. This was determined by past repairs done 60 feet East of this dig in 2015. Once again this new section of main has no direct connection between each section of pipe.

Fire Hydrant 11A and 16: seals are deteriorated. No leaks now.

**Needed Maintenance on the System**

Valve Box 6 inch main: The location is near the intersection of Dorset West Road and Church St. The valve box is not vertical. You cannot get a gatevalve key on the gate valve because the box is so far off vertical. The sides are still stable.

There are 2 - 6 inch gatevalve on Church St near Fire Hydrant #1 and #2 that are buried and need to be uncovered.

Do we want to dig these up?

**Mapping of the Dorset System**

Curb Stop Mapping is continuing. I have over 50 recorded. Going further these are where we should start mapping individual distribution lines. I want to have some contact with Paul on how he wants these marked so he can do this job effectively.

**Spring Production:** is approximately 155- 160 GPM at the end of August.

**Precipitation as of Aug 31, 2017**

PRECIPITATION (IN)		Normal	Over/Under	2016
Aug 1 to 31st	2.83	4.00	-1.17	4.13
SINCE JUN 1	16.11	12.47	3.64	8.26
SINCE JAN 1	32.35	27.54	4.81	21.31

**Average GPM flow into the Reservoir 2013 to 2017**

Month	2017	2016	2015	2014	2013
Jan	68	82	71	113	N/A New Roof
Feb	95	111	149	99	110
Mar	76	59	146	116	100
Apr	70	61	134	107	105
May	74	48	82	117	110
June	76	77	91	154	140
July	77	102	106	204	125
Aug	73	88	101	124	113
Sept		101	128	127	115
Oct		83	95	133	102
Nov		61	93	158	124
Dec		74	82	115	113
<b>Average for Yr</b>	<b>76.125</b>	<b>78.91667</b>	<b>106.5</b>	<b>130.5833</b>	<b>104.75</b>

These readings are all in Gallons per Minute. Given our population the closest reading to what our

## Dorset Fire District #1 calls

August 2017

- 1) 8/16/2017 to 54 McNamara lane for a Fire Alarm, "FALSE"
- 2) 8/20/2017 Mutual Aid to 278 Village street East Dorset for a Fire Alarm Stand-by in station per ED chief
- 3) 8/22/2017 Mutual Aid Rupert 195 Route 315 Rupert toned out us instead of Rupert call canceled for us.
- 4) 8/22/2017 to 1776 Route 30 Dorset Quarry for a tree on fire.
- 5) 8/23/2017 to 173 Church Street for a Fire Alarm on scene found PVC cleaning solvent spill in basement off gassing CO, cleaned up spill and Vented house. Aid from East Dorset and Rupert.
- 6) 8/24/2017 to 69 Marsh Lane for an Appliance fire refrigerator smoking found burnt insulation in appliance unplugged advised to get serviced or purchase new.
- 7) 8/25/2017 to 2773 Dorset West Road for a CO alarm no CO found in house found dust in detector head "FALSE"
- 8) 8/27/2017 to 59 Church Street for a Fire Alarm owner changing battery in detector head set off alarm.
- 9) 8/28/2017 to 94 Goodwood lane Fire Alarm overcooked steak smoke set off alarm.
- 10) 9/7/2017 to 397 Red tail lane Fire Alarm smoke from fire place set off alarm.
- 11) 9/8/2017 Mutual Aid to 5266 Route 7 East Dorset Accident with injuries control traffic.
- 12) 9/10/2017 to 76 Dorset Orchard road Fire Alarm cooking set off alarm.

13) 9/11/2017 to 211 Longview lane for a CO alarm readings of 38 to 50 ppm on first floor readings of 170 to 190 ppm in basement. Vented house, Owner advised alarm first sounded at 12:00 am alarm company called owner told to open windows go back to sleep, our tone out at 09:32 am.