

**TOWN OF WAYLAND
NOTICE OF MEETING**

Clifford Lewis, Chair
Mike Wegerbauer, Vice Chair

Sherre Greenbaum
Michael Lowery
Bob Goldsmith

Posted in accordance with the provisions of the Open Meeting Law
www.mass.gov/ago/openmeeting

NAME OF BOARD:	BOARD OF PUBLIC WORKS
DATE OF MEETING:	October 19, 2021
TIME OF MEETING:	7:00 PM
PLACE OF MEETING:	ZOOM Only

AGENDA

Note: Items may not be discussed in the order listed or at the specific time estimated. Times are approximate.

Pursuant to Chapter 20 of the Acts of 2021, this meeting will be conducted via remote means. Members of the public who wish to access the meeting may do so via zoom at the link below:

<https://zoom.us/j/98442984645?pwd=ajNsUXJoZzdBMVJRMmloV1A3ZHErUT09> PW: 438508

No in-person attendance of members of the public will be permitted, and public participation in any public hearing conducted during this meeting shall be by remote means only.

The meeting will be broadcast live, in real time, via the Zoom link above. This meeting will also be recorded which will be made available to the public on WayCAM which can be viewed online at <https://www.waycam.tv/> or on one of their cable channels (Comcast 8, 9, or 99 & Verizon 37, 38 or 39) as soon after the meeting as is practicable.

- 7:00 Meeting Information, Remote Roll Call & Announcements
- 7:05 Public Comment
- 7:10 Water Abatement – 28 Clubhouse Lane – Discussion and Vote
Presentation by Proponent – 10 minutes
Discussion and Possible Vote – 5 minutes
- 7:25 Historical Commission Cemetery Work Proposal Update
Ann Gordon – 5 minutes
- 7:30 Aquatic Weed Harvester Proposal
Norm Marowitz representing The Dudley Pond Association – 5 minutes
- 7:35 Rail Trail Accident and possible amelioration measures
Presentation – Larry Kiernan – 10 minutes
Discussion (with Board, Tom Holder, Larry Kiernan and Joe Doucette) and Possible Vote – 10 minutes
- 7:55 Tree Hearing for November 16 Meeting – Discussion and Possible Vote – 5 minutes
- 8:00 PFAS Project Update –Tom Holder and PFAS Working Group members – 10 minutes
Discussion – 5 minutes
- 8:15 MWRA Connection Discussion – 15 minutes

- 8:30 Field Improvement Plan
Presentation – Cliff Lewis – 5 minutes
Discussion – 5 minutes
- 8:40 BoPW Independent Zoom Meeting – Discussion and Possible Vote – 5 minutes
- 8:45 Transfer Station Operational Budgeting Plan incorporating recycle revenue – 10 minutes
- 8:55 Capital Budget FY23-FY27 – Discussion and Possible Vote – 15 minutes
- 9:10 Prior Year Capital Appropriation – Project Closeout Discussion and Vote – 5 minutes
- 9:15 DPW Operational Budget – Discussion – 5 minutes
- 9:20 Approve Minutes for BoPW Meetings 8/17/2021 and 9/1/2021 – 5 minutes
- 9:25 Discuss, amend and possible vote on Minutes from BoPW Meeting 9/21/2021 – with Tom Sciacca – 10 minutes
- 9:35 Board Members’ Reports, Concerns and Updates – 5 minutes
- 9:40 Topics Not Reasonably Anticipated by the Chair 48 Hours Prior to Posting, if any – 5 minutes
- 9:45 Adjourn

NOTE: Per changes to the Open Meeting Law, notice of any meeting of a public body shall include “A listing of topics that the chair reasonably anticipates will be discussed at the meeting”. AG’s Office guidelines state that the list of topics shall have sufficient specificity to reasonably advise the public of the issue to be discussed. Please list those topics on the above agenda

BoPW Meeting 10/19/2021

Meeting Packet

BoPW Meeting 10/19/2021

**Meeting Information, Remote Roll Call,
& Announcements**

BoPW Meeting 10/19/2021

Public Comment

BoPW Meeting 10/19/2021

Water Abatement

WATER ABATEMENT REQUEST



BOPW Meeting / Date Scheduled: 10/19/2021

Address: 28 Clubhouse Lane

Billing Date _____ Usage _____ Water Charge \$ _____

REASON irrigation leak

Adjust/Usage:
Abate water lost by 20%

Adjust/\$\$:
Abate \$ 355.29
Please see calculations on attached sheet #1

COMMENT/NOTE:
Amount of abatement \$ 355.29 - H/O contests amount.
Seeking higher abatement based on cost of having to
disconnect irrigation system

APPROVED _____ DENIED _____ / / _____

BOPW: _____

DPW Director: _____ APPROVED _____ DENIED _____ / / 2021

WATER ABATEMENT REQUEST

#1



BOPW Meeting / Date Scheduled: / / 2020

Name: [REDACTED] Acct Number 0800820

Address: 28 Clubhouse Lane Phone 781.910.7518

Billing Date 9/30/19 Usage 20,200 Water Charge \$ 2,446.29

REASON Irrigation leak

Abate/Usage: Avg usage 7,200 CF. 20% of water lost (13,000) = 2,600 CF. Abate usage down to 17,000 CF using last 2 bills Avg

Abate/\$\$: $(17,000 \text{ CF} = \$2,060.97 + 30.00 = \$2,090.97)$
 $\$2,446.29 - \$2,090.97 = \$355.29$
Abate \$ 355.29 & remove interest

COMMENT/NOTE: had RJ get read 8/12 - still high usage!! *
emailed H/O

APPROVED _____ DENIED / /

BOPW _____

DPW Director Tom Hatch APPROVED DENIED 8/11/2020

1

Peters, Kristen

From: [REDACTED]
Sent: Wednesday, July 08, 2020 12:00 PM
To: Peters, Kristen
Subject: Water Bill at 28 Clubhouse lane

[NOTICE: This message originated outside of the Town of Wayland Email System -- DO NOT CLICK on links or open attachments unless you are sure the content is safe.]

Hello Kristen,

Hope you are well.

I spoke with you a few weeks ago regarding my water bill at 28 Clubhouse lane.

While installing in Fence last year, the team doing it severed a sprinkler line and did not tell me. We never use the sprinklers, in fact they are broken, but through a comedy of errors, that valve was turned on in my boiler room. Possibly from The gas company when they installed new piping and shut down everything they were in the boiler room and had to restart everything and may have thought it was the valve to the boiler? I don't know, but the water must have been coming out for some time and during a storm in April, a section of that fence blew down.

We called our handy man and he called me over too show me the water coming out from the sprinklers behind the fence. He went top Home Depot and fixed it that day. There was a month or 2 before the fence was blow over till the time he got to it.

Ask you asked, the has written me an invoice that I have attached (took a while to get, hence the few weeks) Please let me know if we can get an abatement and what we would need to do to move forward?

Thanks so much. stay safe!

[REDACTED]

CC	17,600
1-15	\$ 85.65
15-30	\$ 113.10
30-80	\$ 439.50
80+	\$ 1,422.72
(4,100) left	\$ 2,060.97
	+ \$ 30.00 (Admin fee)

FERNANDEZ

Landscaping and Construction



22 Calvary St Apt. 1, Waltham MA 02453
 Phone.: 781-354-0479 • 781-354-0503

Full Service

0099

FACTURA

DIA	MES
6	1

Nombre: [REDACTED]
 Dirección: 26 Club House Ln Weyland MA
 Tel.:

CANT.	DESCRIPCION	PRECIO UNIT.	TO
	Cut		
	Trim the bushes		
	Gravo		
	Sod		
	Seed		
	Sand		
	Fertilizer		
	Mulch		
	Lime		
	Cut the tree		
	Replace one foot of broken sprinkler Hose and two couplings. Behind Aense	75.00	

On Jul 24, 2020, at 10:27 AM, Peters, Kristen
<kpeters@wayland.ma.us> wrote:

Hi Alan,

I did the paperwork and the abatement would be in the amount of \$355.29. You are only allowed one abatement. Please let me know if you wish to continue with the abatement process.

Thank you,

Kristen Peters
DPW/ Administrative Coordinator
Town of Wayland
66 River Road
Wayland MA 01778
508 358 3674
Fax 508 358 4082

WATER ABATEMENT REQUEST



BOPW Meeting / Date Scheduled: 11 / 10 / 2020

alan@dirtypilot.com

Name: [REDACTED] Acct Number 0800820

Address 28 Clubhouse Lane Phone 781 910 7518

Billing Date _____ Usage _____ Water Charge \$ _____

REASON Continuous Irrigation Leaks

Abate/Usage: Has had 2 prior abatements 1999 & 2011

Abate/\$\$ _____

COMMENT/NOTE:

Started abatement process in July. sent water worker out in August and found usage still very high (16,700 CF) informed H/O. Scheduled 2nd appt. to ensure no leak. irrigation shut down for season. Then discovered had 2 prior abatements.

APPROVED _____ DENIED _____ / / _____

BOPW _____

DPW Director _____ APPROVED _____ DENIED _____ / / 2020

10/21/2020 08:50
9858kpet

TOWN OF WAYLAND
UB Consumption History Report

P 1
outstanding



Account #	Man Meter #	Customer	Name	Cd	Read Date	By	Bill #	Parcel	Usage	Repl Usage	Location	Charge Amt	Status
Service								Cur Read			Billed Usage	Billed Amt	Days
10000	1	SEN	09587989	A	09/02/2020		18800	440,700	18,200	0	18,200	2,186.58	187
10000	1	SEN	09587989	A	02/28/2020		13227	422,500	11,900	0	11,900	2,216.58	171
10000	1	SEN	09587989	A	09/10/2019		2829	410,600	20,200	0	20,200	1,246.23	187
10000	1	SEN	09587989	A	03/07/2019		90037742	390,400	3,700	0	3,700	2,446.29	189
10000	1	SEN	09587989	A	08/30/2018		90037738	386,700	6,000	0	6,000	2,476.29	171
10000	1	SEN	09587989	A	03/12/2018		90037748	380,700	4,200	0	4,200	2,476.29	185
10000	1	SEN	09587989	A	09/08/2017		90037752	376,500	6,800	0	6,800	2,476.29	185
10000	1	SEN	09587989	A	03/07/2017		90037741	369,700	3,800	0	3,800	2,476.29	167
10000	1	SEN	09587989	A	09/21/2016		90037746	365,900	8,800	0	8,800	2,476.29	195
10000	1	SEN	09587989	A	03/10/2016		90037734	357,100	5,200	0	5,200	2,476.29	174
10000	1	SEN	09587989	A	09/08/2015		90037737	351,900	11,600	0	11,600	2,476.29	178
10000	1	SEN	09587989	A	03/24/2015		90037749	340,300	5,000	0	5,000	2,476.29	175
10000	1	SEN	09587989	A	09/30/2014		90037731	335,300	9,100	0	9,100	2,476.29	202
10000	1	SEN	09587989	A	03/12/2014		90037733	326,200	4,300	0	4,300	2,476.29	169
10000	1	SEN	09587989	A	09/24/2013		90037730	321,900	9,100	0	9,100	2,476.29	194
10000	1	SEN	09587989	A	03/14/2013		90037750	312,800	4,400	0	4,400	2,476.29	142
10000	1	SEN	09587989	A	10/23/2012		90037740	308,400	11,500	0	11,500	2,476.29	196
10000	1	SEN	09587989	A	04/10/2012		90037745	296,900	5,200	0	5,200	2,476.29	154
10000	1	SEN	09587989	A	11/08/2011		90037729	291,700	11,400	0	11,400	2,476.29	218
10000	1	SEN	09587989	A	04/04/2011		90037736	280,300	5,100	0	5,100	2,476.29	172
10000	1	SEN	09587989	A	10/14/2010		90037739	275,200	10,600	0	10,600	2,476.29	190
10000	1	SEN	09587989	A	04/07/2010		90037743	264,600	5,800	0	5,800	2,476.29	188
10000	1	SEN	09587989	A	10/01/2009		90037728	258,800	13,100	0	13,100	2,476.29	183
10000	1	SEN	09587989	A	04/01/2008		90037735	245,700	13,500	0	13,500	2,476.29	180
10000	1	SEN	09587989	A	10/03/2008		90037747	232,200	27,200	0	27,200	2,476.29	177

* has high usage in summer months.
irrigation use

pre-irrigation
leak

10/21/2020 08:50
9858kpet

TOWN OF WAYLAND
UB Consumption History Report

P 2
Outstanding



Account #	Man Meter #	Customer	Name	Cd	Read Date	By	Bill#	Parcel	Usage	Repl	Usage	Location	Charge	Status
Service								Read				Billed	Billed	Days
10000	1 SEN 09587989		7201494	A	04/09/2008		90037751	205,000	49-029	4,800	0	28 CLUBHOUSE LANE	4,800	CURRENT
														153
10000	1 SEN 09587989		A 11/08/2007				90037732	200,200		12,700	0	12,700	12,700	212
10000	1 SEN 09587989		A 04/10/2007				90037744	187,500		7,600	0	7,600	7,600	168

** END OF REPORT - Generated by Kristen Peters **

abatement in Feb 1999
as well

TOWN OF WAYLAND, DPW-WATER-DIV
DEPARTMENT OF PUBLIC WORKS
66 River Road
Wayland MA 01778
Phone 508-358-3672

History Account Comments Report

Account: 0800820 Parcel: 049-029
Owner: [REDACTED] Location: 28 CLUBHOUSE LANE
Additional Owner: District: Not Defined
In Care Of: Route: 2
Address 1: 28 CLUBHOUSE LANE Assessment Type: Residential
Address 2:
City: WAYLAND
State: MA
Zip Code: 01778

2/15/2011 12 25 5 MR BORTMAN CAME BEFORE THE BOARD AND THEY REDUCED HIS 2008 USAGE TO
hewis 10,000. CK REMOVED MOST FROM THE RE LIEN AND THE BALANCE FROM WATER
2/1/11

General

12/3/2009 3 38 12 DID NOT ABIDE BY AGREEMENT-LIENED 12/3/09

water

General

7/27/2009 8 41 48 DON O CALLED AND LEFT MESSAGE THAT HE HAS UNTIL FRIDAY 6/24/09 TO PAY IN
water FULL OR WE WILL LEIN-HE PAID \$600 AND LEFT A NOTE SAYING HW WILL TRY AND
CATCH UP. HAD A LEAK AND ARE OUT OF WORK 7/24/09

General

9/25/2008 8 19 32 TAN/GREY Pipe-1C

water

General

9/25/2008 8 19 18 MARK FOR SHUT OFF FOR NON PAYMENT-PAYMENT RECEIVED 9/19/08 NI

water

General

Account Number: 18800, Billing Address: 28 CLUBHOUSE LANE, WAYLAND, MA 01775, Billing Cycle: Monthly, Billing Date: 10/14/2020

Service: WATER, Meter: 720194, Customer: CUSTOMER, Service Address: 28 CLUBHOUSE LANE, WAYLAND, MA 01775

Recent activity

Date	Description	Amount
09/23/2020	1st bill	2185.58
10/07/2019	Last payment	260.73
10/07/2020	Bill due date	0.00
10/01/2020	Payment made	0.00
10/01/2020	Payment made	0.00

Account Balance: 2185.58, Current Due: 2185.58, Past Due: 0.00, Interest: 0.00, Balance Due: 2185.58, Due Date: 10/26/2020, First Date: 07/27/2020, To Date: 09/02/2020

Bill #	Change	Charge Desc	Billed	Current Due	Past Due	Interest	Balance Due	Due Date	First Date	To Date	Late	Discount	Secondary
18800	10000	RES WATER	2185.58	2185.58	00	00	2185.58	10/26/2020	07/27/2020	09/02/2020	0	00	00
18800	20000	ADJIN	30.00	30.00	30	00	30.00	10/26/2020	07/27/2020	09/02/2020	0	00	00
18800	20000	ADJIN	30.00	30.00	30	00	30.00	10/26/2020	07/27/2020	09/02/2020	0	00	00
18800	10000	RES WATER	2185.58	2185.58	00	00	2185.58	10/26/2020	07/27/2020	09/02/2020	0	00	00
18800	20000	ADJIN	30.00	30.00	30	00	30.00	10/26/2020	07/27/2020	09/02/2020	0	00	00
18800	20000	ADJIN	30.00	30.00	30	00	30.00	10/26/2020	07/27/2020	09/02/2020	0	00	00
18800	70000	BAL-DRAW/AND	596.10	90	30	00	90	09/01/2020			0	00	00
18800	71000	CON INT	5.42	00	30	00	00				0	00	00
18800	11000	DEMAND FEE	00	00	30	00	00				0	00	00

I am a little confused. One email says I will have to attend a Zoom abatement and another says you did the paper work and the amount is \$355.29. Do I still need the Zoom meeting. One email also says since its irrigation thats the most I'm entitled to 10%.

I would think a toilet running which is very noticeable as opposed to a broken underground pipe. The irrigation would be more forgivable?

Please let me know what steps and if I can do anything to increase the abatement?

Thanks again,
[REDACTED]

On Aug 6, 2020, at 8:56 AM, Peters, Kristen <kpeters@wayland.ma.us> wrote:

Good morning,

Just wanted to follow up with you on the Water Abatement request. Please let me know if you want to finalize the abatement.

Thank you,

Kristen Peters
DPW/ Administrative Coordinator
Town of Wayland
66 River Road
Wayland MA 01778
508 358 3674
Fax 508 358 4082

From: [REDACTED]
Sent: Friday, July 24, 2020 10:41 AM
To: Peters, Kristen
Subject: Re: WATER ABATEMENT REQUEST

[NOTICE: This message originated outside of the **Town of Wayland Email System -- DO NOT CLICK** on links or **open attachments** unless you are sure the content is safe.]

Oh, wow... so what would my balance be?

Thanks,
[REDACTED]

Peters, Kristen

From: [REDACTED]
Sent: Tuesday, August 11, 2020 10:00 AM
To: Peters, Kristen
Subject: Re: WATER ABATEMENT REQUEST

[NOTICE: This message originated outside of the Town of Wayland Email System -- DO NOT CLICK on links or open attachments unless you are sure the content is safe.]

Hi Kristen,

Thank you for your response . Although disappointing, \$355 is better than nothing .
Please file the paper work on my behalf and let me know .
Thank you for your time.

Best-
[REDACTED]

On Aug 11, 2020, at 8:43 AM, Peters, Kristen <kpeters@wayland.ma.us> wrote:

Good morning,

I have to do paperwork to present to the Board or the Director based on the amount to be abated. You are under the amount to go to a meeting so you will not need to attend a zoom meeting. I did inform you that the amount allowed to be removed was 20% of the water lost.

Irrigation systems are capped at 20% per the Town By-Laws.

Thank you,

Kristen Peters
DPW/ Administrative Coordinator
Town of Wayland
66 River Road
Wayland MA 01778
508 358 3074
Fax 508 358 4082

From: [REDACTED]
Sent: Friday, August 07, 2020 12:56 PM
To: Peters, Kristen
Subject: Re: WATER ABATEMENT REQUEST

[NOTICE: This message originated outside of the Town of Wayland Email System -- DO NOT CLICK on links or open attachments unless you are sure the content is safe.]

Hi Kristen,

Peters, Kristen

From: [REDACTED]
Sent: Monday, October 19, 2020 10:22 AM
To: Peters, Kristen
Cc: Holder, Thomas
Subject: Re: 28 Clubhouse Water Abatement

[NOTICE: This message originated outside of the Town of Wayland Email System -- DO NOT CLICK on links or open attachments unless you are sure the content is safe.]

Well,

First off, I did not turn on that water, even if the line was cut, if NSTAR did Not come in and mess with everything and turn on that water, there would be no issue.

This seems extremely unfair!!!

We are self employed during covid and this amount of money is a deal breaker and an extreme financial burden. We already pay some Wayland taxes for NOTHING. just another issue we can tack on to this miserable time we are living in. REALLY!!!!

Between that and the interest accrued it will be years before we can pay it back.

On Oct 19, 2020, at 10:09 AM, Peters, Kristen <kpeters@wayland.ma.us> wrote:

Good morning,

I was looking through your file this morning and I see you have been granted two Abatements in the past for water leaks. The Board of Public Works policy is one Abatement per property (same owner). You were granted an abatement on 2/5/1999 and a second on 2/1/11. Unfortunately I will not be able to process this abatement request.


Thank you,
Kristen Peters
DPW/ Administrative Coordinator
Town of Wayland
66 River Road
Wayland MA 01778
508 358 3674
Fax 508 358 4082

Pi Piper inc.

P.O. BOX 3232
Framingham, MA 01705-3232
508-405-0911

PROPOSAL

Date	Estimate #
9/13/2021	9132021

Name / Address
 28 CLUBHOUSE LANE NATICK, MASS 01778

P.O. No.

Description	Total
REMOVE IRRIGATION VACUUM BREAKER	
INSTALL; ONE- FROST FREE SPIGOT	
FLAT RATE	350.00
PERMIT & INSPECTION FEE	150.00

Thank you for your business	Subtotal	\$500.00
	Sales Tax (6.25%)	\$0.00
	Total	\$500.00

BoPW Meeting 10/19/2021

Historical Commission

Cemetery Work Proposal

BoPW Meeting 10/19/2021

Aquatic Weed Harvester Proposal

BoPW Meeting 10/19/2021

Rail Trail Accident

Observations and Research on Intersections (regarding bikers)

Each Wayland intersection appears to be designed, built, signed and maintained properly.

At each stop sign there is plenty of sight line distance to safely cross.

All bikes are required to stop and should, however, nearly all just pause and go.

The bikers Stop/Pause/Go Decision Sight Distance is critical measurement for each intersection.

All my research indicates the greater the **Decision Sight Distance (for the biker)** the safer and more comfortable a crossing is for all users and drivers.

There are 12 different sight lines - (3 road crossings and 4 sight lines each) that impact the Decision Sight Distance for the biker.

For the 8 sight lines that should be improved. The average Decision Sight Distance is 3.4 meters.

With changes recommended the average Decision Sight Distance would nearly double to 6.5 meters.

While this improvement to 6.5 meters seems small it is a significant improvement from a bikers perspective. This also makes the sight line distances more consistent at each intersection.

Recommendation - Remove all or most of trees identified, old electric box, and trim sightline brush regularly to improve the Decision Sight Distance for bikers which will significantly improve safety for all users.

Note: By 2024 our local 5 mile rail trail will add 9 miles to include Sudbury and Hudson. A connection to Waltham will soon follow. 14 miles no cars - **Bike trail use is going to increase dramatically.**

Source: [Trail Intersection Design Guidelines from American Trails](#)

Chapter 3- Decision Sight Distance for Bicyclist

Decision sight distance for bicyclists involves providing **clear sight lines** that are based on the distances that approaching motor vehicles will travel in the amount of time a bicyclist takes to fully clear the intersection from a “**stop-go**” decision. **From this decision point, located at the stopping sight distance from the pavement edge**, a bicyclist must be able to see any conflicting motor vehicle prior to making the choice to stop or proceed without stopping, **irrespective of the presence of a stop sign or signal**. This concept acknowledges bicyclists’ desire to maintain momentum, and may be used to provide a measure of safety where bicyclists are known to generally not fully stop where required.

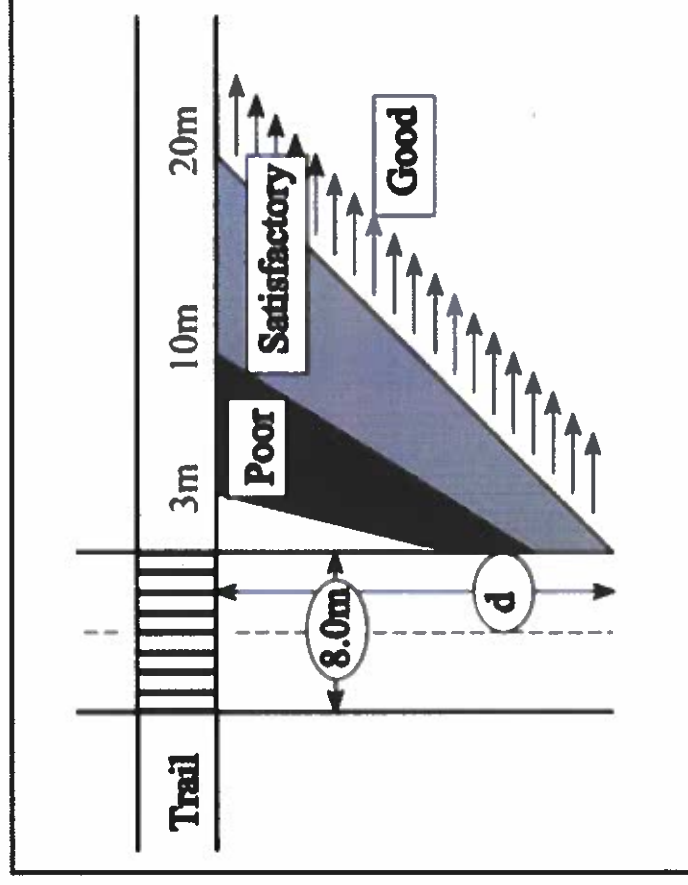


Figure 21. Sight distance standards in Finland.

Sightline Distance for Stop/Go decision

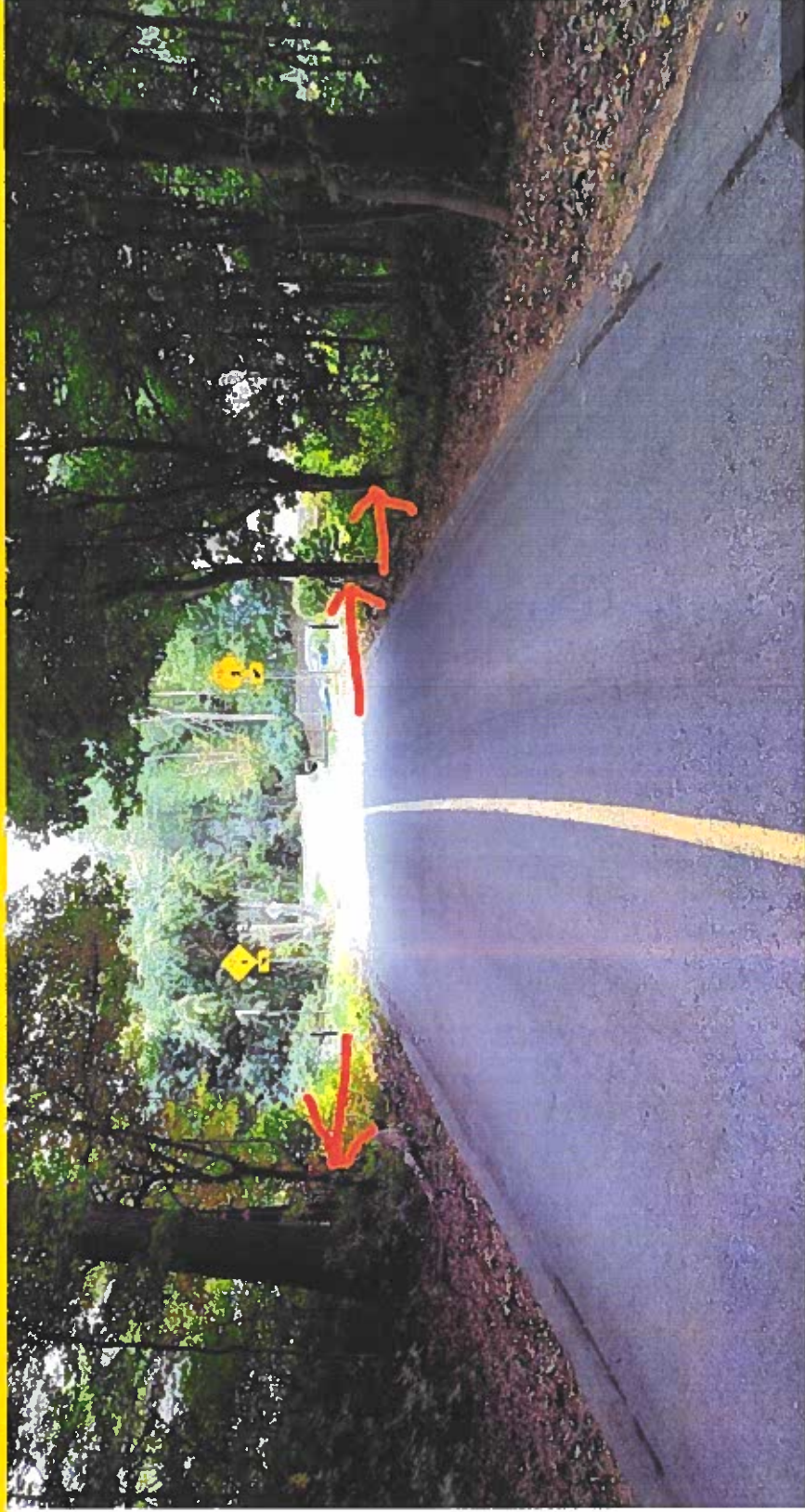
Road Crossings	Current sight line distance in meters	Sight line with Trees Removed in meters	New Sight Distance	Improvement	Comments
Glen North East	3.5	7	200. %	Remove two small trees, trim brush, road slopes down to crossing	
Glen North West	4	7	175. %	Remove two medium trees, road slopes down	
Glen South East	4	6.5	163. %	Remove large tree, trim brush	
Glen South West	15+/15+	15+	0. %	OK	
Millbrook Road North East	2	6	300. %	Remove one large tree and one crab apple? Maybe just crab tree?	
Millbrook Road North West	5.5	5.5	0%	Very long sight distance at 5.5 meters OK	
Millbrook Road South East	3.5	6	171. %	Remove one small/medium tree	
Millbrook Road South West	15+	15+	0. %	ok	
Plain Road North East	2.5	6	240. %	Remove several numbered and non numbered cluster of small trees Remove electric box	
Plain Road North West	3	8	267. %	Remove 2 trees and trimmed brush	
Plain Road South East	4.5	5	111. %	trimming brush around large tree Not sure if this is the towns large tree.	
Plain Road SouthWest	15+	15+	0%ok	ok	

Poor sight line
 Needs improvement
 OK

Current sight line distance in meters	Sight line with Trees Removed in meters	New Sight Distance	Improvement	Comments
---------------------------------------	---	--------------------	-------------	----------

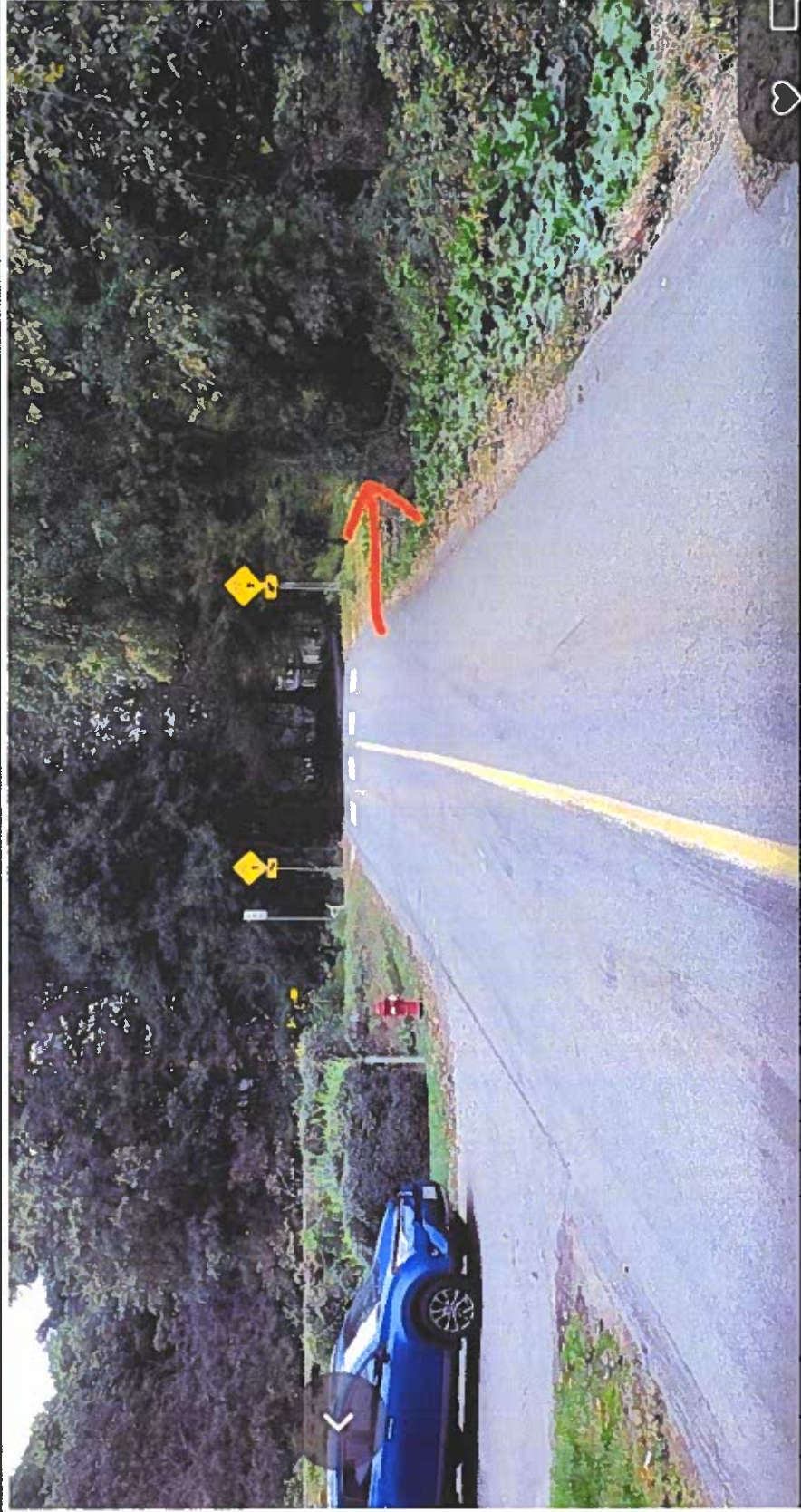
Glen North East	35	7	200 %	Remove two small trees, trim brush, road slopes down to crossing
Glen North West	4	7	175 %	Remove two medium trees, road slopes down

Road Crossings



[Link to photos of road crossings](#)

Road Crossings	Current sight line distance in meters	Sight line with Trees Removed in meters	New Sight Distance	Improvement	Comments
Glen South East	4	6.5	163 %	Remove large tree, trim brush	
Glen South West	15+ / 15+	15+	0 %	OK	



Current sight line distance in meters Sight line with Trees Removed in meters New Sight Distance Improvement Comments

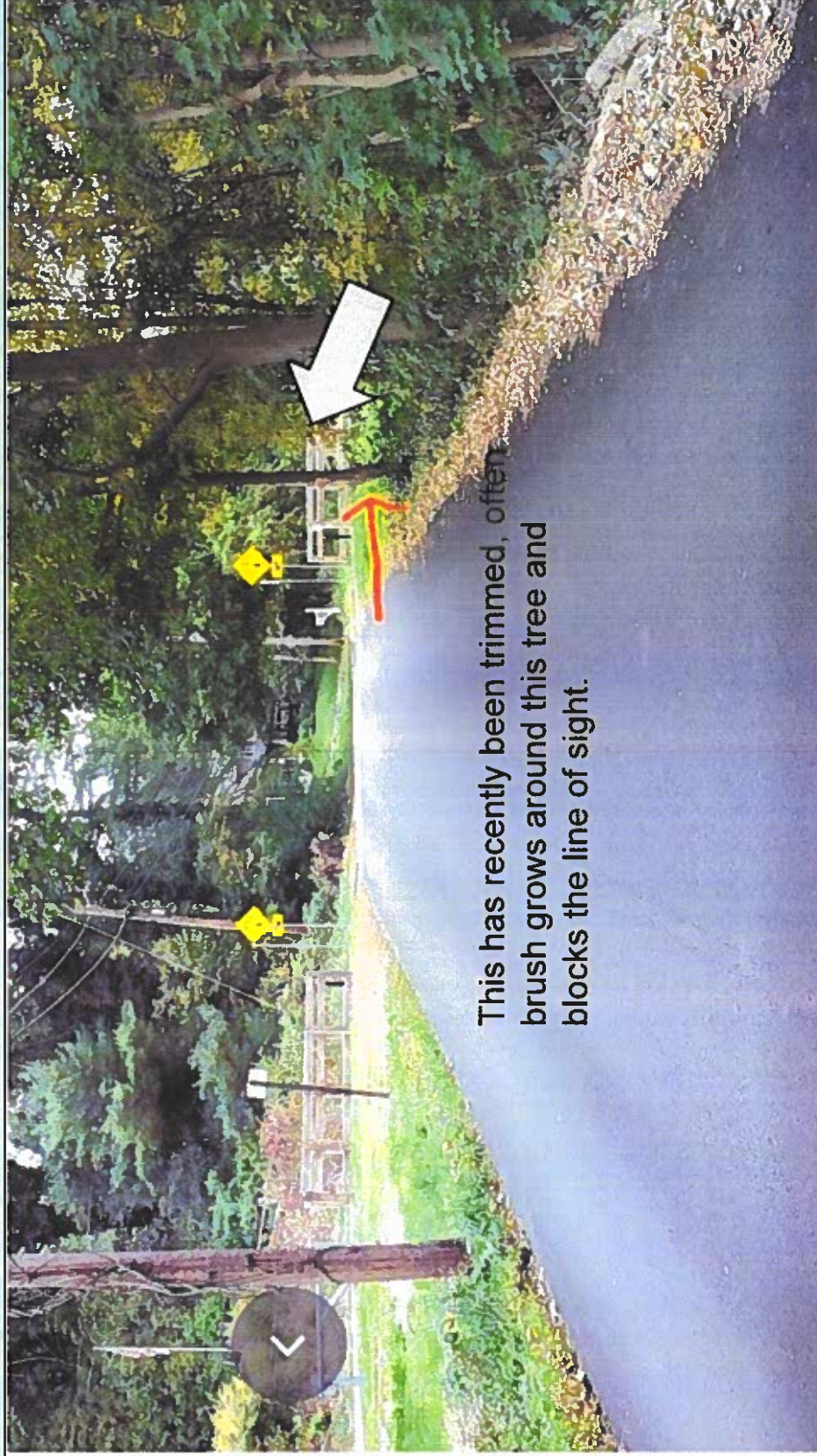
Millbrook Road North East	2	6	300. %	Remove one large tree and one crab apple? Maybe just crab tree?
Millbrook Road North West	5.5	5.5	0%	Very long sight distance at 5.5 meters OK



	Current sight line distance in meters	Sight line with Trees Removed in meters	New Sight Distance	Improvement	Comments
--	---------------------------------------	---	--------------------	-------------	----------

Millbrook Road South East	3.5	6	171 %	Remove one small/medium tree	
---------------------------	-----	---	-------	------------------------------	--

Millbrook Road South West	15+	15+	0 %	ok	
---------------------------	-----	-----	-----	----	--



This has recently been trimmed, often brush grows around this tree and blocks the line of sight.

Current sight line distance in meters Sight line with Trees Removed in meters New Sight Distance Improvement Comments

Road Crossings	Current sight line distance in meters	Sight line with Trees Removed in meters	New Sight Distance Improvement	Comments
Plain Road North East	2.5	6	240. %	Remove several numbered and non numbered cluster of small trees
Plain Road North West	3	8	267. %	Remove electric box Remove 2 trees and trimmed brush



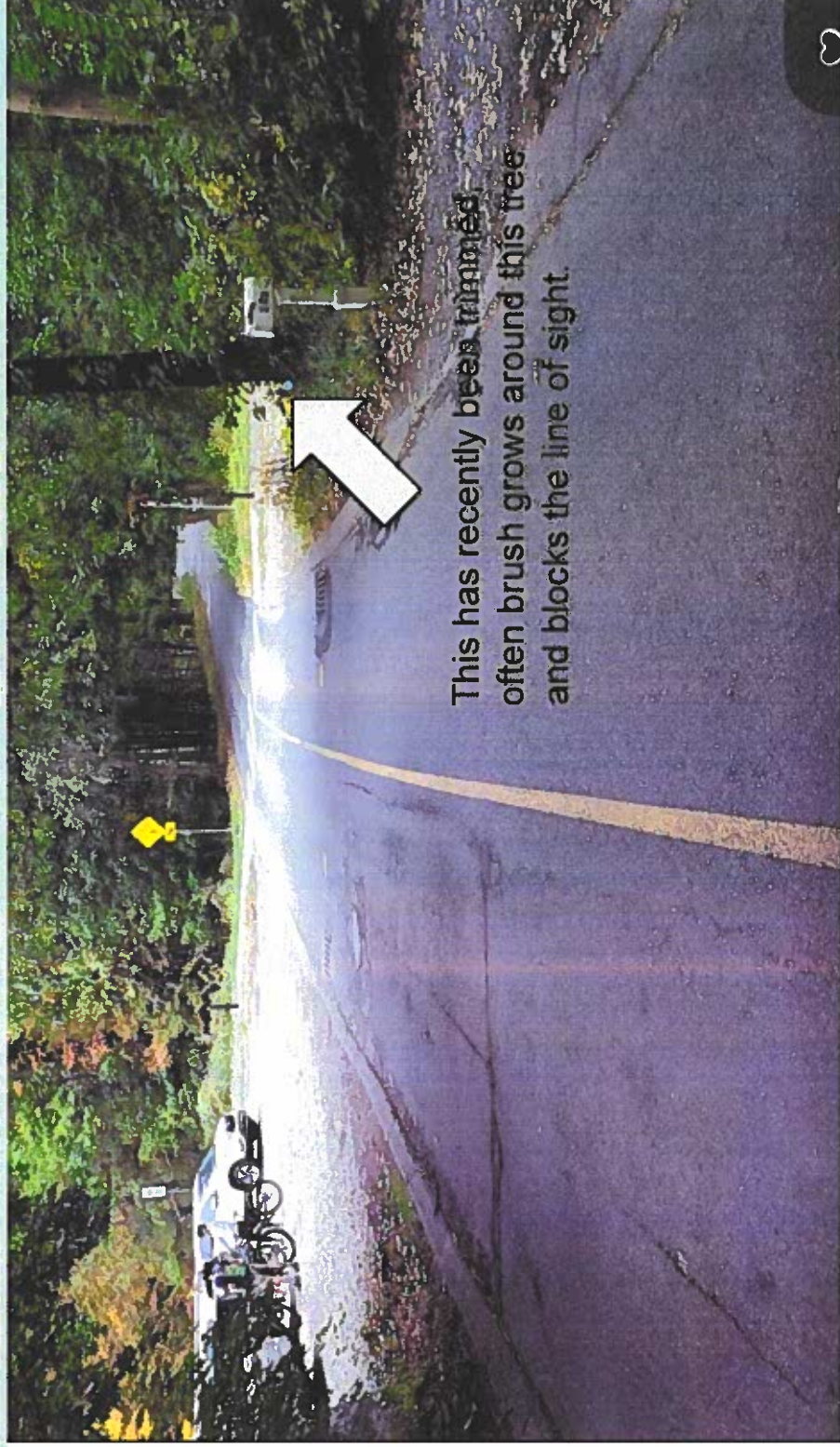
Plain Rd NE - Move or Remove old electric box



Road Crossings	Current sight line distance in meters	Sight line with Trees Removed in meters	New Sight Distance Improvement	Comments
Plain Road South East	4.5	5	111 %	trimming brush around large tree Not sure if this is the towns large tree.
Plain Road SouthWest	15+	15+	0% ok	

trimming brush around large tree Not sure if this is the towns large tree.

0% ok



This has recently been trimmed, often brush grows around this tree and blocks the line of sight.

Four Areas we could improve

Design principles

Principles of “friendly” design

- ▶ Design for the full spectrum of trail users—young and old, slow and fast, bicyclists, skaters, and walkers.
- ▶ When assigning right-of-way, give trail users at least the same rights as the motoring public, and provide clear right-of-way assignment.
- ▶ Provide positive guidance for trail users and motorists to ensure full awareness of the intersection.
- ▶ Minimize conflicts and channelize the intersection to separate conflicting movements.
- ▶ Unavoidable conflicts should occur at right angles.
- ▶ Optimize sight triangles, ensuring stopping, intersection crossing, and decision sight distances. Conflicts should be clearly visible.
- ▶ Reduce motor vehicle speed through “traffic calming” techniques as appropriate.
- ▶ Minimize trail user crossing distance with a median refuge area or by narrowing the roadway as appropriate.
- ▶ Provide adequate staging and refuge areas for trail users.
- ▶ Discourage unwanted motor vehicle intrusion onto the trail while enabling emergency and maintenance vehicle entry.
- ▶ Avoid obstacles and visibly highlight unavoidable obstacles.
- ▶ At signalized intersections, minimize trail user delay by minimizing traffic signal cycle time.
- ▶ Provide adequate signal crossing time for design pedestrians.
- ▶ Provide easily accessible tactile/audible pushbuttons.



- ▶ Treat every road as a potential trail entrance and exit point, integrated with sidewalks and on-street bicycle facilities as appropriate.
- ▶ Design to assist the trail user in looking in the direction of the potential hazard.
- ▶ Consider the potential for sun blinding.
- ▶ Consider lighting.
- ▶ Consider the ease of both construction and maintenance and the initial and lifetime costs for construction and maintenance.
- ▶ Be consistent in design.



Decision Sight Distance



Provide clear right-of-way assignment.



BoPW Meeting 10/19/2021

Tree Hearing for November 16 Meeting

BoPW Meeting 10/19/2021

PFAS Project Update

BoPW Meeting 10/19/2021

MWRA Connection

BoPW Meeting 10/19/2021

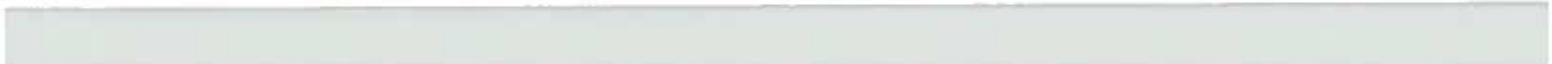
Field Improvement Plan

BoPW Meeting 10/19/2021

BoPW Independent Zoom Meeting

BoPW Meeting 10/19/2021

**Transfer Station Operational Budgeting
Plan incorporating recycle revenue**



BoPW Meeting 10/19/2021

Capital Budget FY23-FY27



TOWN OF WAYLAND

41 COCHITUATE ROAD
WAYLAND, MASSACHUSETTS 01778

CAPITAL APPROPRIATION REQUEST FY23 - FY27 (FIVE YEARS)

PROJECT INFO:

Construction - Road Renovation Projects	Yes
<i>Project Title</i>	<i>Included in Prior 5 Year Capital Plan? (Y/N)</i>

DEPARTMENT:

DPW Director / Board of Public Works	T. Holder - 508-358-3872
<i>Department Manager</i>	<i>Contact Information</i>

APPROVING BODY / VOTE:

Board of Public Works	
<i>Board or Committee</i>	<i>Date and Quantum of Vote (if required)</i>

PROJECT MANAGER:

Joe Doucette
<i>Project Manager</i>

PROJECT DESCRIPTION:

This is funding to continue road improvement projects on the Town's 96 miles of roadway At present construction rates, resurfacing costs approximately \$250,000 per mile.
--

PROJECT JUSTIFICATION:

The funding requested represents a 15-17 year resurfacing schedule, factoring in an annual cost escalation. We have evaluated required water main projects, drainage issues, and pavement conditions. This is intended to be an annual program and combined with State Chapter 90 funding to ensure the Town's roads and municipal ways remain in safe and usable condition.
--

EVALUATION CRITERIA: (Applies to current year budget requests only)

- A. ALTERNATIVE MEANS TO SATISFY NEEDS
- B. MAINTAINS OR IMPROVES THE STANDARD OF SERVICE
- C. MANDATED BY LEGAL OR REGULATORY REQUIREMENTS
- D. OPERATIONAL BUDGET IMPACT
- E. PROJECT FEASIBILITY (READINESS)

Does Not Meet or Does Not Apply	Partially Meets Criteria	Fully Meets Criteria
		X

EXPENDITURE SCHEDULE (Please provide detailed supporting schedule for 2023 to 2027)

ELEMENT	Prior to Date	2023	2024	2025	2026	2027	TOTAL	Comments
1. PLANNING & DESIGN							\$ -	
2. LAND							\$ -	
3. CONSTRUCTION		\$ 625,000	\$ 651,000	\$ 675,000	\$ 700,000	\$ 725,000	\$ 3,375,000	
4. EQUIPMENT							\$ -	
5. OTHER							\$ -	
TOTAL	\$ -	\$ 625,000	\$ 651,000	\$ 675,000	\$ 700,000	\$ 725,000	\$ 3,375,000	

OPERATIONAL BUDGET IMPACT:

	YES	NO	IF YES, please provide details.
1. Will this Capital Request generate new revenue?		X	
2. Will this Capital Request increase operating costs?		X	
3. Will this Capital Request decrease operating costs?		X	
4. Will this Capital Request impact personnel?		X	

FUNDING SOURCES

How will this Capital Request be paid for?	YES	NO	IF YES, please provide details.
1. Borrowing/Cash Capital			
2. CPA Funds			
3. Grants or Gifts			
4. Other			

WARRANT DETAILS

Request Number	OPW 01
Dept	Department of Public Works
Schedule:	FY2023
Relationship to General Plan:	Ongoing maintenance and investment in the Town's infrastructure
History:	Part of the ongoing repair and maintenance of Town roadways



TOWN OF WAYLAND

41 COCHITUATE ROAD
WAYLAND, MASSACHUSETTS 01778

CAPITAL APPROPRIATION REQUEST FY23 - FY27 (FIVE YEARS)

PROJECT INFO:

Construction - Sidewalk Improvements	Yes
<i>Project Title</i>	<i>Included in Prior 5 Year Capital Plan? (Y/N)</i>

DEPARTMENT:

DPW Director / Board of Public Works	T. Holder - 508-358-3672
<i>Department Manager</i>	<i>Contact Information</i>

APPROVING BODY / VOTE:

Board of Public Works	
<i>Board or Committee</i>	<i>Date and Quantum of Vote (if required)</i>

PROJECT MANAGER:

Joe Doucette
<i>Project Manager</i>

PROJECT DESCRIPTION:

The request provides funds specifically targeting the renewal and expansion of the Town's sidewalk system. Improvements will also include the provision to add ADA required modifications to the sidewalk system.

PROJECT JUSTIFICATION:

The Town's roadways have historically been the primary recipient of transportation improvement funds. More recently it has become apparent that non-motorized transportation (pedestrian and bicycle) warrants investment. Current levels of funding with the roadway renovation budget are not sufficient to provide for the renewal and expansion of the Town's pedestrian system. Providing a specific capital budget item will provide the DPW a means to invest in the sidewalk system of the Town.
--

EVALUATION CRITERIA: (Applies to current year budget requests only)

- A. ALTERNATIVE MEANS TO SATISFY NEEDS
- B. MAINTAINS OR IMPROVES THE STANDARD OF SERVICE
- C. MANDATED BY LEGAL OR REGULATORY REQUIREMENTS
- D. OPERATIONAL BUDGET IMPACT
- E. PROJECT FEASIBILITY (READINESS)

Does Not Meet or Does Not Apply	Partially Meets Criteria	Fully Meets Criteria
		X
		X

EXPENDITURE SCHEDULE (Please provide detailed supporting schedule for 2023 to 2027)

ELEMENT	Prior to Date	2023	2024	2025	2026	2027	TOTAL	Comments
1 PLANNING & DESIGN							\$ -	
2 LAND							\$ -	
3. CONSTRUCTION		\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000	
4 EQUIPMENT							\$ -	
5. OTHER							\$ -	
TOTAL	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000	

OPERATIONAL BUDGET IMPACT

	YES	NO	IF YES, please provide details.
1. Will this Capital Request generate new revenue?		X	
2. Will this Capital Request <u>Increase</u> operating costs?		X	
3. Will this Capital Request <u>Decrease</u> operating costs?		X	
4. Will this Capital Request impact personnel?		X	

FUNDING SOURCES

	YES	NO	IF YES, please provide details.
How will this Capital Request be paid for?			
1. Borrowing/Cash Capital			
2. CPA Funds			
3. Grants or Gifts			
4. Other			

WARRANT DETAILS

Request Number	DPW 19
Dept	Department of Public Works
Schedule:	FY2023
Relationship to General Plan:	Ongoing maintenance and investment in the Town's infrastructure.
History:	Capital budget recurring request



TOWN OF WAYLAND

41 COCHITUATE ROAD

WAYLAND, MASSACHUSETTS 01778

CAPITAL APPROPRIATION REQUEST FY23 - FY27 (FIVE YEARS)

PROJECT INFO:

Equipment Replacement - Leaf Vac.Trailer	Yes
<small>Project Title</small>	<small>Included In Prior 5 Year Capital Plan? (Y/N)</small>

DEPARTMENT:

DPW Director / Board of Public Works	T. Holder - 508-358-3872
<small>Department Manager</small>	<small>Contact Information</small>

APPROVING BODY / VOTE:

Board of Public Works	
<small>Board or Committee</small>	<small>Date and Quantum of Vote (if required)</small>

PROJECT MANAGER:

Jason Richards
<small>Project Manager</small>

PROJECT DESCRIPTION:

This is a scheduled replacement.

PROJECT JUSTIFICATION:

New leaf vacuum trailer to perform leaf pickup and roadside cleaning This is a replacement for an older piece of equipment
--

EVALUATION CRITERIA: (Applies to current year budget requests only)

- A. ALTERNATIVE MEANS TO SATISFY NEEDS
- B. MAINTAINS OR IMPROVES THE STANDARD OF SERVICE
- C. MANDATED BY LEGAL OR REGULATORY REQUIREMENTS
- D. OPERATIONAL BUDGET IMPACT
- E. PROJECT FEASIBILITY (READINESS)

Does Not Meet or Does Not Apply	Partially Meets Criteria	Fully Meets Criteria
		X

EXPENDITURE SCHEDULE (Please provide detailed supporting schedule for 2023 to 2027)

ELEMENT	Prior to Date	2023	2024	2025	2026	2027	TOTAL	Comments
1. PLANNING & DESIGN							\$ -	
2. LAND							\$ -	
3. CONSTRUCTION							\$ -	
4. EQUIPMENT		\$ 70,000					\$ 70,000	
5. OTHER							\$ -	
TOTAL	\$ -	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000	

OPERATIONAL BUDGET IMPACT

	YES	NO	IF YES, please provide details.
1. Will this Capital Request generate new revenue?		X	
2. Will this Capital Request increase operating costs?		X	
3. Will this Capital Request decrease operating costs?	X		Replacement should decrease maintenance expenses
4. Will this Capital Request impact personnel?		X	

FUNDING SOURCES

How will this Capital Request be paid for?	YES	NO	IF YES, please provide details.
1. Borrowing/Cash Capital			
2. CPA Funds			
3. Grants or Gifts			
4. Other			

WARRANT DETAILS

Request Number	DPW 02
Dept	Department of Public Works
Schedule:	FY2023
Relationship to General	Scheduled replacement of an older piece of equipment that is valuable to the operations of the DPW
History:	This is a planned replacement.



TOWN OF WAYLAND

41 COCHITUATE ROAD
WAYLAND, MASSACHUSETTS 01778

CAPITAL APPROPRIATION REQUEST

FY23 - FY27 (FIVE YEARS)

PROJECT INFO:

Equipment Replacement - H14 Heavy Dump Truck <small>Project Title</small>	Yes <small>Included in Prior 5 Year Capital Plan? (Y/N)</small>
--	--

DEPARTMENT:

DPW Director / Board of Public Works <small>Department Manager</small>	T. Holder - 508-358-3672 <small>Contact Information</small>
---	--

APPROVING BODY / VOTE:

Board of Public Works <small>Board or Committee</small>	 <small>Date and Quantum of Vote (if required)</small>
--	---

PROJECT MANAGER:

Jason Richards <small>Project Manager</small>
--

PROJECT DESCRIPTION:

This is a scheduled replacement.

PROJECT JUSTIFICATION:

H14 is a 2008 International 7300 six-wheel dump truck with 84,237 miles on it. The vehicle is a swap loader type that allows for use in multiple formats to allow the DPW to use throughout the entire year. The existing vehicle has reached the end of its serviceable life and would require considerable investment in order to maintain in a safe and usable condition beyond the current year. Replacement of this vehicle provides a more cost-effective and long-term option.

EVALUATION CRITERIA: (Applies to current year budget requests only)

- A. ALTERNATIVE MEANS TO SATISFY NEEDS
- B. MAINTAINS OR IMPROVES THE STANDARD OF SERVICE
- C. MANDATED BY LEGAL OR REGULATORY REQUIREMENTS
- D. OPERATIONAL BUDGET IMPACT
- E. PROJECT FEASIBILITY (READINESS)

Does Not Meet or Does Not Apply	Partially Meets Criteria	Fully Meets Criteria
		X

EXPENDITURE SCHEDULE (Please provide detailed supporting schedule for 2023 to 2027)

ELEMENT	Prior to Date	2023	2024	2025	2026	2027	TOTAL	Comments
1 PLANNING & DESIGN							\$	
2 LAND							\$	
3. CONSTRUCTION							\$	
4 EQUIPMENT		\$ 310,000					\$ 310,000	
5 OTHER							\$	
TOTAL	\$	\$ 310,000	\$	\$	\$	\$	\$ 310,000	

OPERATIONAL BUDGET IMPACT:

	YES	NO	IF YES, please provide details.
1. Will this Capital Request generate new revenue?		X	
2. Will this Capital Request <u>Increase</u> operating costs?		X	
3. Will this Capital Request <u>Decrease</u> operating costs?	X		Replacement should decrease maintenance expenses
4. Will this Capital Request impact personnel?		X	

FUNDING SOURCES

How will this Capital Request be paid?	YES	NO	IF YES, please provide details.
1. Borrowing/Cash Capital			
2. CPA Funds			
3. Grants or Gifts			
4. Other			

WARRANT DETAILS

Request Number	DPW 04
Dept	Department of Public Works
Schedule	FY2023
Relationship to General Plan:	Scheduled replacement of an older piece of equipment that is valuable to the operations of the DPW
History	This is a planned replacement.



TOWN OF WAYLAND

41 COCHITUATE ROAD

WAYLAND, MASSACHUSETTS 01778

CAPITAL APPROPRIATION REQUEST FY23 - FY27 (FIVE YEARS)

PROJECT INFO:

Equipment Replacement - H6 & H7 Body Replacement	Yes
<small>Project Title</small>	<small>Included in Prior 5 Year Capital Plan? (Y/N)</small>

DEPARTMENT:

DPW Director / Board of Public Works	T. Holder - 508-358-3672
<small>Department Manager</small>	<small>Contact Information</small>

APPROVING BODY / VOTE:

Board of Public Works	
<small>Board or Committee</small>	<small>Date and Quantum of Vote (if required)</small>

PROJECT MANAGER:

Jason Richards
<small>Project Manager</small>

PROJECT DESCRIPTION:

This is a scheduled replacement.

PROJECT JUSTIFICATION:

Replacement of bodies will prolong the life of each vehicle by approximately five years. The new bodies will be reused in future vehicle replacements, reducing funding need to complete the builds.
--

EVALUATION CRITERIA: (Applies to current year budget requests only)

- A. ALTERNATIVE MEANS TO SATISFY NEEDS
- B. MAINTAINS OR IMPROVES THE STANDARD OF SERVICE
- C. MANDATED BY LEGAL OR REGULATORY REQUIREMENTS
- D. OPERATIONAL BUDGET IMPACT
- E. PROJECT FEASIBILITY (READINESS)

Does Not Meet or Does Not Apply	Partially Meets Criteria	Fully Meets Criteria
		X

EXPENDITURE SCHEDULE (please provide detailed supporting schedule for 2023 to 2027):

ELEMENT	Prior to Date	2023	2024	2025	2026	2027	TOTAL	Comments
1. PLANNING & DESIGN							\$ -	
2. LAND							\$ -	
3. CONSTRUCTION							\$ -	
4. EQUIPMENT		\$ 80,000					\$ 80,000	
5. OTHER							\$ -	
TOTAL	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 80,000	

OPERATIONAL BUDGET IMPACT

	YES	NO	IF YES, please provide details.
1. Will this Capital Request generate new revenue?		X	
2. Will this Capital Request increase operating costs?		X	
3. Will this Capital Request decrease operating costs?	X		Replacement should decrease maintenance expenses
4. Will this Capital Request impact personnel?		X	

FUNDING SOURCES

	YES	NO	IF YES, please provide details.
How will this Capital Request be paid for?			
1. Borrowing/Cash Capital			
2. CPA Funds			
3. Grants or Gifts			
4. Other			

WARRANT DETAILS

Request Number	DPW 05
Dept	Department of Public Works
Schedule:	FY2023
Relationship to General Plan:	
History:	This is a planned replacement.



TOWN OF WAYLAND

41 COCHITUATE ROAD
WAYLAND, MASSACHUSETTS 01778

CAPITAL APPROPRIATION REQUEST

FY23 - FY27 (FIVE YEARS)

PROJECT INFO:

Equipment Replacement - Trash Compactor	Yes
<i>Project Title</i>	<i>Included in Prior 5 Year Capital Plan? (Y/N)</i>

DEPARTMENT:

DPW Director / Board of Public Works	T. Holder - 508-358-3672
<i>Department Manager</i>	<i>Contact Information</i>

APPROVING BODY / VOTE:

Board of Public Works	
<i>Board or Committee</i>	<i>Date and Quantum of Vote (if required)</i>

PROJECT MANAGER:

Tom Holder
<i>Project Manager</i>

PROJECT DESCRIPTION:

This is a scheduled replacement

PROJECT JUSTIFICATION:

This is a scheduled replacement of the bulky trash compactor unit at the Transfer Station. These units wear out as a result of the extensive use of their hydraulic systems. They also suffer from corrosion as a result of exposure to both the elements and the trash thrown in them. Replacing the compactor ensures they will remain in service and be less likely to be subject to expensive repairs to their hydraulic systems. The current compactor is 17 years old.
--

EVALUATION CRITERIA: (Applies to current year budget requests only)

- A. ALTERNATIVE MEANS TO SATISFY NEEDS
- B. MAINTAINS OR IMPROVES THE STANDARD OF SERVICE
- C. MANDATED BY LEGAL OR REGULATORY REQUIREMENTS
- D. OPERATIONAL BUDGET IMPACT
- E. PROJECT FEASIBILITY (READINESS)

Does Not Meet or Does Not Apply	Partially Meets Criteria	Fully Meets Criteria
		X

EXPENDITURE SCHEDULE: (Please provide detailed supporting schedule for 2023 to 2027)

ELEMENT	Prior to Date	2023	2024	2025	2026	2027	TOTAL	Comments
1. PLANNING & DESIGN							\$ -	
2. LAND							\$ -	
3. CONSTRUCTION							\$ -	
4. EQUIPMENT		\$ 100,000					\$ 100,000	
5. OTHER							\$ -	
TOTAL		\$ 100,000					\$ 100,000	

OPERATIONAL BUDGET IMPACT:

	YES	NO	If YES, please provide details.
1. Will this Capital Request generate new revenue?		X	
2. Will this Capital Request increase operating costs?		X	
3. Will this Capital Request decrease operating costs?	X		Replacement should decrease equipment maintenance expenses.
4. Will this Capital Request impact personnel?			

FUNDING SOURCES:

How will this Capital Request be paid for?	YES	NO	If YES, please provide details.
1. Borrowing/Cash Capital	X		
2. CPA Funds			
3. Grants or Gifts			
4. Other			

WARRANT DETAILS:

Request Number	DPW 15
Dept	Department of Public Works, Transfer Station
Schedule	FY2023
Relationship to General Plan	Scheduled replacement of an older piece of equipment that is valuable to the operations of the DPW
History	This is a planned replacement.



TOWN OF WAYLAND

41 COCHITUATE ROAD
WAYLAND, MASSACHUSETTS 01778

CAPITAL APPROPRIATION REQUEST FY23 - FY27 (FIVE YEARS)

PROJECT INFO:

Construction - Water Main Replacement Program	Y
<small>Project Title</small>	<small>Included in Prior 5 Year Capital Plan? (Y/N)</small>

DEPARTMENT:

DPW Director / Board of Public Works	T. Holder - 508-358-3672
<small>Department Manager</small>	<small>Contact Information</small>

APPROVING BODY / VOTE:

Board of Public Works	
<small>Board or Committee</small>	<small>Date and Quantum of Vote (if required)</small>

PROJECT MANAGER:

Don Millette
<small>Project Manager</small>

PROJECT DESCRIPTION:

Replacement and upgrade of approx. 2100 linear feet of 4" Cast Iron water main with 8" Ductile Iron water main. The work is anticipated to occur on River Road.

PROJECT JUSTIFICATION:

The Water Main Replacement Program has been designed to replace the water distribution systems older water mains that have exceeded their expected life spans. The program also looks at upgrading areas of the distribution system that do not currently meet ISO Fire Flow requirements. In 2016, the Water Division completed it's Capital Efficiency Study. The Study looks at all aspects of Water Division infrastructure including Age of Water Mains, Pipe Material, Break History, Soil Conditions and Fire Flow requirements. The Water Main Replacement Program is based on this Study. Postponing the scheduled replacement of the ageing infrastructure can impact the Operational Budget by necessitating overtime costs for water quality complaints. These older mains are also more susceptible to leakage, bacteria and turbidity problems.

EVALUATION CRITERIA: (Applies to current year budget requests only)

- A. ALTERNATIVE MEANS TO SATISFY NEEDS
- B. MAINTAINS OR IMPROVES THE STANDARD OF SERVICE
- C. MANDATED BY LEGAL OR REGULATORY REQUIREMENTS
- D. OPERATIONAL BUDGET IMPACT
- E. PROJECT FEASIBILITY (READINESS)

Does Not Meet or Does Not Apply	Partially Meets Criteria	Fully Meets Criteria
X		
		X
X		
X		
		X

EXPENDITURE SCHEDULE (please provide data for supporting schedule for 2023 to 2027)

ELEMENT	Prior to Date	2023	2024	2025	2026	2027	TOTAL	Comments
1. PLANNING & DESIGN			80,000	100,000		80,000	\$ 260,000	
2. LAND							\$ -	
3. CONSTRUCTION		\$ 1,040,000			\$ 1,400,000		\$ 2,440,000	
4. EQUIPMENT							\$ -	
5. OTHER							\$ -	
TOTAL	\$ -	\$ 1,040,000	\$ 80,000	\$ 100,000	\$ 1,400,000	\$ 80,000	\$ 2,700,000	

OPERATIONAL BUDGET IMPACT

	YES	NO	IF YES, please provide details.
1. Will this Capital Request generate new revenue?		X	
2. Will this Capital Request increase operating costs?		X	
3. Will this Capital Request decrease operating costs?		X	
4. Will this Capital Request impact personnel?		X	

FUNDING SOURCES

	YES	NO	IF YES, please provide details.
How will this Capital Request be paid for?			
1. Borrowing/Cash Capital			
2. CPA Funds			
3. Grants or Gifts			
4. Other			

WARRANT DETAILS

Request Number	WTR 01
Dept	Department of Public Works, Water
Schedule	FY 2023
Relationship to General Plan	Included in the long-range capital plan to maintain infrastructure and equipment.
History	This is part of an ongoing capital improvement plan



TOWN OF WAYLAND

41 COCHITUATE ROAD
WAYLAND, MASSACHUSETTS 01778

CAPITAL APPROPRIATION REQUEST FY23 - FY27 (FIVE YEARS)

PROJECT INFO:

Equipment Replacement - W7 Utility Truck	Yes
<small>Project Title</small>	<small>Included in Prior 5 Year Capital Plan? (Y/N)</small>

DEPARTMENT:

DPW Director / Board of Public Works	T. Holder - 508-358-3672
<small>Department Manager</small>	<small>Contact Information</small>

APPROVING BODY / VOTE:

Board of Public Works	
<small>Board of Committee</small>	<small>Date and Quantities of Vote (if required)</small>

PROJECT MANAGER:

Jason Richards
<small>Project Manager</small>

PROJECT DESCRIPTION:

This is a scheduled replacement.

PROJECT JUSTIFICATION:

W7 is currently a 2 wheel drive Transit Van. The van will be replaced with a F-350 four wheel drive utility body with a plow. By upgrading the vehicle to 4 wheel drive it will allow it to be used during DPW snow plowing operations as well as daily use for Water Department staff.

EVALUATION CRITERIA: (Applies to current year budget requests only)

- A. ALTERNATIVE MEANS TO SATISFY NEEDS
- B. MAINTAINS OR IMPROVES THE STANDARD OF SERVICE
- C. MANDATED BY LEGAL OR REGULATORY REQUIREMENTS
- D. OPERATIONAL BUDGET IMPACT
- E. PROJECT FEASIBILITY (READINESS)

Does Not Meet or Does Not Apply	Partially Meets Criteria	Fully Meets Criteria
		X

EXPENDITURE SCHEDULE: (Please provide detailed supporting schedules for 2023 to 2027)

ELEMENT	Prior to Date	2023	2024	2025	2026	2027	TOTAL	Comments
1. PLANNING & DESIGN							\$ -	
2. LAND							\$ -	
3. CONSTRUCTION							\$ -	
4. EQUIPMENT		\$ 95,000					\$ 95,000	
5. OTHER							\$ -	
TOTAL	\$	\$ 95,000	\$	\$	\$	\$	\$ 95,000	

OPERATIONAL BUDGET IMPACT

	YES	NO	IF YES, please provide details.
1. Will this Capital Request generate new revenue?		X	
2. Will this Capital Request <u>increase</u> operating costs?		X	
3. Will this Capital Request <u>decrease</u> operating costs?	X		Replacement should decrease maintenance expenses
4. Will this Capital Request impact personnel?		X	

FUNDING SOURCES

	YES	NO	IF YES, please provide details.
How will this Capital Request be paid for?			
1. Borrowing/Cash Capital			
2. CPA Funds			
3. Grants or Gifts			
4. Other			

WARRANTY DETAILS

Request Number	WTR 12
Dept	Department of Public Works
Schedule:	FY2023
Relationship to General	Scheduled replacement of an older piece of equipment that is valuable to the operations of the DPW.
History:	This is a planned replacement



TOWN OF WAYLAND

41 COCHITUATE ROAD
WAYLAND, MASSACHUSETTS 01778

CAPITAL APPROPRIATION REQUEST FY23 - FY27 (FIVE YEARS)

PROJECT INFO:

Air Compressors Replacement	Yes
<i>Project Title</i>	<i>Included in Prior 5 Year Capital Plan? (Y/N)</i>

DEPARTMENT:

DPW Director / Board of Public Works	T. Holder - 508-358-3672
<i>Department Manager</i>	<i>Contact Information</i>

APPROVING BODY / VOTE:

Board of Public Works	
<i>Board or Committee</i>	<i>Date and Quantum of Vote (if required)</i>

PROJECT MANAGER:

Don Millette
<i>Project Manager</i>

PROJECT DESCRIPTION:

Replacement of 2 "old less" air compressors in the Baldwin Pond Water Treatment Plant
--

PROJECT JUSTIFICATION:

The entire treatment process at the Baldwin Pond Treatment Plant relies on compressed air supplied by two air compressors. Over the past 10 years, we have experienced several mechanical issues with both units currently installed in the Plant. In early 2021, one unit experienced a significant internal failure. Due to the proprietary nature of the brand of compressor, the cost of the parts and labor associated with the repair are more than the cost of installing a new compressor from a different vendor that can be specified by any local service provider.
--

EVALUATION CRITERIA: (Applies to current year budget requests only)

- A. ALTERNATIVE MEANS TO SATISFY NEEDS
- B. MAINTAINS OR IMPROVES THE STANDARD OF SERVICE
- C. MANDATED BY LEGAL OR REGULATORY REQUIREMENTS
- D. OPERATIONAL BUDGET IMPACT
- E. PROJECT FEASIBILITY (READINESS)

Does Not Meet or Does Not Apply	Partially Meets Criteria	Fully Meets Criteria
		X

EXPENDITURE SCHEDULE (Please provide detailed supporting schedule to 2023 to 2027)

ELEMENT	Prior to Date	2023	2024	2025	2026	2027	TOTAL	Comments
1. PLANNING & DESIGN							\$ -	
2. LAND							\$ -	
3. CONSTRUCTION							\$ -	
4. EQUIPMENT		130,000					\$ 130,000	
5. OTHER							\$ -	
TOTAL	\$ -	\$ 130,000	\$ -	\$ -	\$ -	\$ -	\$ 130,000	

OPERATIONAL BUDGET IMPACT

	YES	NO	IF YES, please provide details.
1. Will this Capital Request generate new revenue?			
2. Will this Capital Request increase operating costs?			
3. Will this Capital Request decrease operating costs?			
4. Will this Capital Request impact personnel?			

FUNDING SOURCES

How will this Capital Request be paid for?	YES	NO	IF YES, please provide details.
1. Borrowing/Cash Capital			
2. CPA Funds			
3. Grants or Gifts			
4. Other			

WARRANTY DETAILS

Request Number	WTR 19
Dept	Department of Public Works, Water
Schedule:	FY 2023
Relationship to General	Scheduled replacement of an older piece of equipment that is valuable to the operations of the DPW
History:	This is a planned replacement.



TOWN OF WAYLAND

41 COCHITUATE ROAD

WAYLAND, MASSACHUSETTS 01778

CAPITAL APPROPRIATION REQUEST FY23 - FY27 (FIVE YEARS)

PROJECT INFO:

DPW Facility Upgrade <small>Project Title</small>	No <small>Included in Prior 5 Year Capital Plan? (Y/N)</small>
--	---

DEPARTMENT:

DPW Director / Board of Public Works <small>Department Manager</small>	T. Holder - 508-358-3672 <small>Contact Information</small>
---	--

APPROVING BODY / VOTE:

Board of Public Works <small>Board of Committee</small>	 <small>Date and Quantum of Vote (if required)</small>
--	---

PROJECT MANAGER:

Jason Richards <small>Project Manager</small>
--

PROJECT DESCRIPTION:

This project involves the rehabilitation of the Fleet Maintenance Service Area floor. This will involve the preparation and application of a new floor surface.

PROJECT JUSTIFICATION:

After 6 years of very active use, the floor of the Fleet Maintenance Service Area has reached the end of its designated useful life. Even after being kept in orderly condition, the floor has deteriorated and is experiencing delamination. For functional and safety reasons this floor needs rehabilitation.
--

EVALUATION CRITERIA: (Applies to current year budget requests only)

- A. ALTERNATIVE MEANS TO SATISFY NEEDS
- B. MAINTAINS OR IMPROVES THE STANDARD OF SERVICE
- C. MANDATED BY LEGAL OR REGULATORY REQUIREMENTS
- D. OPERATIONAL BUDGET IMPACT
- E. PROJECT FEASIBILITY. (READINESS)

Does Not Meet or Does Not Apply	Partially Meets Criteria	Fully Meets Criteria
X		
		X

EXPENDITURE SCHEDULE (please provide detailed supporting schedule for 2023 to 2027):

ELEMENT	Prior to Date	2023	2024	2025	2026	2027	TOTAL	Comments
1. PLANNING & DESIGN							\$ -	
2. LAND							\$ -	
3. CONSTRUCTION							\$ -	
4. EQUIPMENT							\$ -	
5. OTHER			50,000				\$ 50,000	
TOTAL	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000	

OPERATIONAL BUDGET IMPACT:

	YES	NO	If YES, please provide details.
1. Will this Capital Request generate new revenue?		X	
2. Will this Capital Request <u>increase</u> operating costs?		X	
3. Will this Capital Request <u>Decrease</u> operating costs?	X		
4. Will this Capital Request impact personnel?	X		

FUNDING SOURCES:

	YES	NO	If YES, please provide details.
How will this Capital Request be paid for?			
1. Borrowing/Cash Capital			
2. CPA Funds			
3. Grants or Gifts			
4. Other			

WARRANT DETAILS

Request Number	DPW 16
Dept	Department of Public Works
Schedule	FY2023
Relationship to Genere	Added this year
History	Ongoing repair program

BoPW Meeting 10/19/2021

Prior Year Capital Appropriation

Project Name	Account Number	Project Status	Original Appropriation	Balance
FY17 Cemetery Expansion	40495200 54199	Complete	\$10,000.00	5,538.00
FY21 DPW Lt Truck E2	40458703 54199	Complete	\$44,000.00	0.00
FY21 DPW Lt Truck P50	40458603 54199	Complete	\$65,000.00	4.55

BoPW Meeting 10/19/2021

DPW Operational Budget

BoPW Meeting 10/19/2021

Review and Approve Minutes

- 8/17/2021

- 9/1/2021

WAYLAND BOARD OF PUBLIC WORKS

Posted in accordance with the provisions of the Open Meeting Law

www.mass.gov/ago/openmeeting

Town Building
41 Cochituate Road
Wayland, MA 01778
August 17, 2021

MEETING MINUTES

Present: C. Lewis (Chair), M. Wegerbauer (Vice Chair), S. Greenbaum, M. Lowery, B. Goldsmith

DPW Staff in Attendance: Tom Holder (DPW Director), Don Millette (Water Superintendent)

Other Attendees: Kirsten Ryan (Kleinfelder), Mike Cunningham (Kleinfelder), Michael Sanders (Kleinfelder via Zoom)

Meeting opened at 7:00 PM.

Announcements

[meeting recording started after this portion]

Public Comment

[meeting recording started after this portion]

MWRA Study, Revisions to the Scope Presentation and Discussion of Water Source Options

Kirsten Ryan and Mike Cunningham (Kleinfelder) gave the presentation.

K. Ryan said their goal for the meeting was to give updates, discuss knowns and unknowns, and field questions from the BoPW. She began by reviewing the original contract scope and deadlines. The contract had begun mid-June, and the first deliverable date was for a draft report coming up on 10/15/2021, for which Ms. Ryan said they were on track.

K. Ryan reminded the BoPW that the original scope of the report focused on a fully supplied MWRA conversion, adding that analyses of water quality and local sources costs were to be done by others. She said, however, that evaluating a hybrid solution using MWRA as a supplement would require them to evaluate quality and costs themselves.

K. Ryan reviewed the three main options that had been considered: water being fully supplied by MWRA, upgrading and maintaining Town sources to keep supply local, or a hybrid option using MWRA water to supplement Town sources. She said they were using a 50-year planning period to compare life cycle costs.

K. Ryan then reviewed the key factors that could influence the decision: capacity, necessary Capital improvements (including a MWRA connection), recurring operations and maintenance costs, permitting or regulatory considerations, and unknown or miscellaneous concerns. She said they were building these issues into a matrix to help evaluate them.

Ms. Ryan reviewed their work on local sources. She said they had reviewed the existing Asset Management and Capital Plans, as well as data on demand and pumping. She said their next step was to compile data on water quality trends, capital, and maintenance needs.

At this point, Mike Cunningham took over the presentation. He reviewed their progress to date on the MWRA supply option. He said that they had evaluated options for a Shaft L connection, as well as distributions systems. He said that they had met with MWRA on 8/16/2021, and they had discussed building a Shaft L connection at the Elm Street Pump Station. They had also discussed the Hultman Aqueduct, Wheeling through Weston, and Wheeling through Framingham.

M. Cunningham showed a map of the current water distribution system in Wayland, with proposed changes overlaid on a portion of it. He said that a direct hookup at the Hultman Aqueduct would not be reliable, since construction of the Metro West tunnel might require periodic shutdowns. He said that, ideally, they would connect at the nearest entrance on the Metro West tunnel and use the Hultman Aqueduct as a redundancy in case of emergency.

M. Cunningham said that MWRA had advised that, currently at Shaft L, they lacked infrastructure for a smaller-size pipeline of the kind Wayland might want. MWRA advised possibly connecting near Framingham's existing Elm Street Pump

Station. At that location, there would also be interconnection with the Hultman Aqueduct for redundancy purposes. In that case, the biggest concern would be finding the most direct route from that point into Wayland. MWRA were not amenable to a direct path east. Kleinfelder were still assessing what would be the most direct route for the purpose of their hydraulic analysis.

M. Cunningham addressed redundancy options (backup sources in the case of a water main break). He said it was typical to have a single transmission main to handle emergency connections.

Don Millette said that the connection with Weston was the largest they had. He said there was also an interconnection with Sudbury, but it had not been flushed. He said they were still working on an inter-municipal agreement with Weston and Framingham in order to test their connections there.

There was a question about the pressure level at the Hultman Aqueduct; the number was not known, but the pressure was low and would need a pump in order to function as a reliable backup. There was discussion of the grading and water levels at various points. Michael Sanders said that the Metro West tunnel was at 280 feet, much lower than what Wayland needed. There was discussion of the Nadick connection, which was the second largest. D. Millette said that this connection had been exercised when it was installed, but not since then.

There was discussion of the interconnection with Framingham. D. Millette said that they had a general idea where it was, but that they had never exercised it. There was discussion of political and environmental issues surrounding Framingham and whether they might be able to provide supplemental water to Wayland. T. Holder said he believed that Framingham would not be implementing their plan for new Birch Road wells. K. Ryan and M. Cunningham said they did not believe that laying or enhancing pipeline in the area would not be as environmentally problematic as wells, however.

M. Cunningham returned to the presentation. He reiterated that a Shaft L connection would require a pump, but he said that it would not be difficult to install one sited within the town. A dedicated transmission main in Framingham would be required as well, and smaller pipelines would need to be upgraded. In conclusion, he said, the requirements for a full MWRA supply option would represent a large up-front capital investment. K. Ryan pointed out, however, that a hybrid option would also require many of these same investments.

M. Cunningham said that next steps in considering an MWRA supply were evaluating an Elm Street connection for hydraulics, infrastructure and easement needs, and cost, as well as evaluating water quality. He said that the MWRA would provide a hybrid model for Wayland, but they would need to know what percentage of the supply would be local.

There was discussion of whether a hybrid model might allow the Town to be released from the conservation requirement for a water ban, as they would have local and MWRA sources. This would allow the Town to sell more water. T. Holder said he believed the DEP's restrictions would remain in place regardless of supplemental supply. The usage cap for Wayland was set at 65gpd per capita per day.

There was discussion of chloramine and hydrochloride. There were considerations of cost to chlorinate, as well as possible taste, odor, and discoloration issues. A corrosion study would be required for lead and copper compliance.

There was discussion of how getting supplemental water from other towns might impact those towns' allotments of water from the State. M. Cunningham was asked about how this issue was being addressed elsewhere and what, if any, creative solutions had been generated. M. Cunningham reviewed perspectives from Wilmington, Reading, and Stoughton. He highlighted cases where towns using supplemental supplies still had usage restrictions. There was discussion of the Water Management Act.

There was discussion of how likely other towns might be to contribute supplemental water. There was further discussion about how to sell more water, as consumption was down.

Kleinfelder returned to the presentation, now focused on costs for the various options. K. Ryan said that it was important to examine initial costs, lifecycle costs at year 25, and lifecycle costs at year 50. The MWRA cost components involved the MWRA connection, the transmission main and pump system, and upgrades to the local water mains. MWRA also had an entrance fee, and Ms. Ryan said it was important to consider the wholesale water rate as well.

K. Ryan then went into detail on the local supply costs. There would be infrastructure costs for PFAS treatment, well rehabs, treatment upgrades, other upgrades from the Asset Management Plan, a redundant storage tank, and foreseeable local supply upgrades for the next 50 years. M. Cunningham pointed

out that new source approval tended to be one of the longest regulatory procedures in the State.

There was discussion of which wells were registered, as opposed to being permitted. There was also discussion of water quality and support services that MWRA would provide if the Town went to a full MWRA supply. T. Holder said that the Town Water Division might shift to also including Wastewater in that case, due to the additional support from MWRA.

Spencer Circle Order of Taking - Discussion and Possible Vote

The BoPW reviewed the easements and other related documents for Spencer Circle. The Chair declared them all to be in order; there was no objection to this.

Wegerbauer moved to approve the Order of Taking, based on the documents and easement information supplied. Greenroom seconded, and a vote was taken.

Wegerbauer aye, Greenbaum aye, Goldsmith aye, Lowery aye, Lewis aye. Motion passed (5-0-0). The Chair said he would consult with the Town Administrator to prepare the official document for everyone to sign.

BoPW Annual Report — Discussion and Possible Vote

Greenbaum gave the presentation. She had gone through the minutes of all meetings from FY2021 and identified highlights of the BoPW's discussions and decisions. She solicited feedback on the length and the level of detail in her presentation.

Tom Holder said that his Department would be presenting a similar report about PFAS, but that there was no reason there could not be some overlap. BoPW members agreed that the report looked good.

Lowery moved to accept the document, with whatever minor typographical or formatting corrections might be needed, and to request that Greenbaum submit it. Wegerbauer seconded, and a vote was taken.

Wegerbauer aye, Greenbaum aye, Goldsmith aye, Lewis aye, Lowery aye. Motion passed (5-0-0). Greenbaum would consult with Wegerbauer on minor formatting changes, and then the Chair would file the document.

Director's Report

Tom Holder gave a brief overview on what each Division had been working on. He said they had recently received their MassDEP permit, which included 32 conditions. They would be meeting with ECT2 to confirm that their contract was sufficiently up to date. There were some material changes that needed to be made. After that time, the Town would be able to submit a formal Purchase Order.

T. Holder then said that they were in the planning and engineering phase of pouring concrete and shoring up the road. The Chair suggested taking pictures of the site in progress to demonstrate their work to the public.

Mr. Holder said that well sampling had been done and that there should be an update on this from the Working Group soon. He clarified that plans for the cement pad had not been submitted yet. Wegerbauer expressed concern about this holding up the bidding process for the project. Mr. Holder said he anticipated a fairly quick turnaround once bidding began.

T. Holder then reviewed the Sedgemoor Road project. He said it was about halfway done, that they had laid about 2/3 of the pipeline. He anticipated it would be finished within six weeks.

Goldsmith asked about sticker sales and how they might impact revenue. Mr. Holder said that participation had dropped off, so revenue would likely be less, but he could not quantify it precisely.

T. Holder talked about bidding and contracts with regard to deck work and tightening wooden piling on the Old Sudbury Road bridge. MassDOT supported the Town's desire to separate these projects out, to allow the Town to award a contract for a base bid for the pilings first. He anticipated they would defer the deck work to the next year.

Investigation of Solar Electric Generation at Town Landfill – Discussion and Possible Vote

The Chair announced that this item would be tabled, due to the BoPW not having received relevant information they were expecting.

Governance Guidelines – Discussion

The BoS had issued new government guidelines that caused concern for members of the BoPW. Greenbaum had drafted a statement asking to clarify the BoS's roles and authority with regard to the BoPW, and asserting the latter's need to adopt its own guidelines. The Chair suggested forwarding this statement to the BoS.

Greenbaum said she would prefer to coordinate with Lowery to determine a more specific response to the BoS. Lowery suggested that they did not need to say anything more to the BoS on this issue. He asserted that they had made their position clear, and that it was best for them to proceed on their own.

Wegerbauer suggested reviewing concerns with the Town Administrator or Town Counsel, to assess their choices moving forward and how they might legally impact the Town. Greenbaum declined to participate in this, saying she felt differently about sharing the BoPW's thoughts on this issue. Wegerbauer volunteered to proceed with legal consultation with the Town. Members agreed to this.

Board Members' Reports, Concerns, and Updates

—Textile Recycling, Sherre Greenbaum & Tom Holder

T. Holder said that he had contacted CRBG, but he had not heard back yet. He said that, in conjunction with the Big Brother Big Sister program, they offered free donation pickup from residents' homes, and that if the Town provided relevant information, they would share revenue from this. They also offered containers to be placed at the Transfer Station. He said he would evaluate their current donation process for comparison. Greenbaum pointed out that there was currently no revenue from the donation boxes at the Transfer Station.

Goldsmith raised concerns about liability involved. He also brought up the potential benefits of having one company collect all recyclable materials, textiles and otherwise. T. Holder pointed out that this would constitute a Town curbside pickup service, which would be a huge expansion of their services. He clarified further that the textiles in question were donations, not waste or recyclables.

—Plastics Recycling (Recycling Revolution) – Explore Concept, Clifford Lewis

Wegerbauer said that he had researched the company, which was based in Florida, but which had contracts all over the country. He said that they purchased recyclable materials, as opposed to the current system, in which the Town had to pay to have them removed. They would also pay for electronics that residents throw away. T. Holder would update the BoPW on this in future.

—Water Main breaks, Clifford Lewis

T. Holder said that Capital Improvement Plan prioritized water pipeline replacement, based on criticality (frequently due to age and size). He said, furthermore, that certain areas that experienced repeated water main breaks would need priority attention.

Wegerbauer expressed concern about communication between the BoPW and the DPW. He said that he was very surprised that they had not previously heard about the recently acquired permit. T. Holder said he understood the concern. Greenbaum also had concerns about communication with the Town. There was discussion about how to communicate better between Staff and board members.

Lowery said that Town Counsel had been researching the ownership of the parcel of land for the Dudley Pond Boat Ramp. The Town believed it owned the land, but they would have confirmation one way or another soon.

Lowery then suggested that the documents that BoPW members shared with each other go into a single Dropbox in order to streamline the process.

Lowery brought up safety concerns about rail/trail crossings. He said that runners and cyclists went across them very quickly. He suggested possibly installing flashing, pedestrian-activated crossing signals to prevent accidents.

Review and Approve Minutes of the 6/30/2021 Meeting

Lewis mentioned that, on page 2 of the minutes, there was a reference to 900gpm pressure, but that this was inaccurate. He clarified that pressure and flow were different, and that there could not be pressure of 900gpm. The minutes were amended to say that the flow was 900gpm.

Lewis commented that, on page 3, there was a reference to “other mechanical equipment” to treat for PFAS (as opposed to resin), but that he was unsure what this could mean. The reference was removed.

Goldsmith brought up that the Public Comment section was misplaced in the document. This was amended.

Wegerbauer moved to approve the minutes of 6/30/2021, as amended. Goldsmith seconded, and a vote was taken.

Wegerbauer aye, Greenbaum aye, Goldsmith aye, Lowery aye, Lewis aye, Motion passed (5-0-0).

There was discussion of making the packets searchable, rather than simple scans.

Topics Not Reasonably Anticipated by the Chair 48 Hours Prior to Posting, if any

None.

Future Meeting Dates

The next meeting was scheduled for September 21st.

Greenbaum expressed that meeting once per month was not enough. Wegerbauer pointed out that they had decided to keep to once per month general meetings, with supplemental meetings, focused on individual issues, as needed. There was discussion about the burden that scheduling additional meetings placed on Staff.

Lowery pointed out that Open Meeting Law dictated that the BoPW could only communicate with each other about issues via official meetings. Goldsmith agreed that more meetings were necessary.

Adjourn

Goldsmith made a motion to adjourn. Lowery seconded, and a vote was taken.

Wegerbauer aye, Lowery aye, Goldsmith aye, Lewis aye, Greenbaum aye. Motion passed (5-0-0).

Meeting adjourned at 9:45 PM.

Respectfully submitted,

Erin Callahan
Minutes Taker

WAYLAND BOARD OF PUBLIC WORKS

Posted in accordance with the provisions of the Open Meeting Law

www.mass.gov/ago/openmeeting

Town Building
41 Cochituate Road
Wayland, MA 01778
September 1, 2021

MEETING MINUTES

Present: C. Lewis (Chair), M. Wegerbauer (Vice Chair), S. Greenbaum, M. Lowery, B. Goldsmith

DPW Staff in Attendance: Tom Holder (DPW Director), Don Millette (Water Superintendent)

Meeting opened at 7:45 PM.

Announcements

The Chair announced that the BoPW was reconvening separately after a joint meeting with the Board of Selectmen, as previously announced on the agenda. The joint meeting had concerned updates and discussion on PFAS remediation in the Town. The Chair requested that Members send their goals and unaddressed concerns for the BoS to him.

Discussion with BoPW members on concerns regarding PFAS remediation

Goldsmith was interested in finding out how to make the water treatment system at Happy Hollow permanent. He said this would save vast capital costs. He suggested negotiating a purchase arrangement for treatment equipment with ECT2.

There was discussion of the idea of a backup plan. Wegerbauer had asked if a simple solution might be available sooner. There was concern that there was full investment with ECT2, with whom there had been communication issues.

There was discussion of what would happen if the pilot system did not meet the 20ppt standard for the first quarter. There was currently no plan B for replacement costs, should they become necessary.

Lowery moved that the BoPW advise Louise Miller that they consider 2ppt an adequate definition of the term “non-detect” for the purpose of the ECT2 contract. Goldsmith seconded.

There was discussion of whether the BoPW needed to define the term, or whether Staff should negotiate an agreement specifying an amount under a certain level. T. Holder said that 1.7ppt was now officially considered “non-detect.” He suggested the question might be best left to labs and regulators.

Wegerbauer offered an amendment to the motion to say that the BoPW would accept any level under 2ppt that was determined to be optimal by relevant experts. The motion then read: “The BoPW would be comfortable setting the required maximum PFAS level at 2ppt for the purposes of expediting the contract with ECT2.” A vote was taken.

Wegerbauer aye, Greenbaum aye, Goldsmith aye, Lowery aye, Lewis aye.
Motion passed (5-0-0).

Wegerbauer moved that the BoPW encourage the BoS to move forward quickly to resolve the liability issue in the ECT2 contract or any and all obstacles that have a financial or operational impact. He further moved to request that the BoS notify the BoPW Chair immediately when the contract was signed or if the September 10 contract deadline were at risk. Greenbaum seconded, and a vote was taken.

Wegerbauer aye, Greenbaum aye, Goldsmith aye, Lowery aye, Lewis aye.
Motion passed (5-0-0).

There was discussion of whether minutes from the PFAS Working Group should be made public, or shared only among the BoPW. There was discussion of why the Working Group was not rather a Subcommittee, as well as the pros and cons of this arrangement, with regard to flexibility and Open Meeting Law. Members expressed the need for observations from Working Group meetings to be made available to the public in some fashion, even if they were not official Minutes. There was discussion about what OML would allow.

Lowery expressed concern that L. Miller seemed hesitant to transmit raw data from the monitoring wells. He felt data should get to the BoPW no later than a day after the well sampling. Members agreed, expressing concern about transparency.

There was discussion of how the PFAS website was managed, who was in charge, and how regularly it was updated. The BoPW had permission to publish information on PFAS on their website; there was discussion about whether to pursue public communications via that avenue.

Greenbaum asked about whether Wayland might work with MassDEP to investigate potential contaminant sources. T. Holder said he was not aware of them offering assistance in that area.

There was discussion of the costs of the monitoring wells program, and further discussion of potential costs for expanding the program. There was discussion of the Phase 1 proposal from Weston & Sampson. Members discussed the possibility of the Town Water Division doing more of the sampling, rather than a private company. There were concerns about how short-staffed the Water Division was.

The Chair reviewed a list of concerns that the BoPW had that so far had gone unaddressed; he said he would send these to Tom Fay. These included: consideration of alternatives to the present PFAS remediation plan, a Plan B if the pilot system failed, assigning a point person for project management, updating the PFAS website, communication with the public, the ability to work on things in parallel, and the timeline of project milestones.

There was discussion of when updates on the pad design from Tata & Howard might happen; they were anticipated soon. Members also asked for updates on grant opportunities. T. Holder said that the State was considering future grants, but there were none that the Town currently qualified for.

There was discussion of the use of private wells in Town, and whether any were in use for drinking water. Members determined that this was a Board of Health issue; the BoH keeps records of various private wells and their functions.

Lowery moved to send the BoPW's list of items in need of attention to the Board of Selectmen. Greenbaum seconded, and a vote was taken.

Wegerbauer aye, Lowery aye, Goldsmith aye, Lewis aye, Greenbaum aye.
Motion passed (5-0-0).

Discussion and vote on duties and guidelines for BoPW public communications

There was discussion of how much to make use of the Town website; further discussion ensued about the use of social media. There was discussion about what documents could be posted on the website. T. Holder pointed out that the DPW page was fairly active, and he suggested that there could be a “MWRA Project” section of that page, for members of the public who might be following the project.

There was discussion about how other Departments and Boards managed their websites, and which Town sites were strong examples of clarity and transparency. Members also discussed how to integrate the BoPW’s and DPW’s web pages. All agreed that publishing Kleinfelder’s presentation was a priority.

Elect communications officer for the BoPW

This issue was tabled, as the Board was still working to define this role.

Post photo of crumb rubber wash-off on High School track

Lowery shared his screen, showing the photos in question, which demonstrated the extent of the crumb rubber that had washed onto the track after a recent storm. He said he would like the material to be removed or dealt with as soon as possible. Members were unsure whether this was in their purview. There was discussion of having a joint meeting with the Recreation Department.

Public Comment

Emory Ford called to offer support for the 2ppt PFAS threshold, saying that “non-detectability” was a red herring, as acceptable levels changed.

Board Members’ Reports, Concerns, and Updates

Goldsmith said that current filings indicated 1,300,000 gpd water withdrawal. He said that the numbers indicated excess capacity, which might reduce the need for a reserve source. Members agreed that this would be a future agenda item.

There was discussion of the Minutes of 7/13/2021; not all Members had received the minutes, and it was not on the revised meeting agenda, so this item was tabled.

Adjourn

Lowery made a motion to adjourn. Wegerbauer seconded, and a vote was taken.

Wegerbauer aye, Lowery aye, Goldsmith aye, Lewis aye, Greenbaum aye.
Motion passed (5-0-0).

Meeting adjourned at 9:18 PM.

Respectfully submitted,

Erin Callahan
Minutes Taker

BoPW Meeting 10/19/2021

**Minutes from BoPW Meeting
9/21/2021**

Wayland Board of Public Works

Posted in accordance with the provisions of the Open Meeting Law

www.mass.gov/ago/openmeeting

Place of Meeting: Zoom only
September 21, 2021

MEETING MINUTES

Present: C.Lewis (Chair), M. Wegerbauer (Vice Chair), S. Greenbaum, M. Lowery, B. Goldsmith

DPW Staff in Attendance: Tom Holder (DPW Director), Joe Doucette (DPW Superintendent)

Other Attendees: Tom Sciacca

Meeting opened at 7:pm

Announcements:

No announcements

Public Comment:

No Public Comment

Water Abatement:

A request for a water abatement was heard for 157 Buckskin Drive. Claimant reported a water usage of 23,700 cubic feet vs an average usage of 8,000 cubic feet. Claimant reported the excessive usage was due to a water leak at a kitchen sink that drained into a normally inaccessed area of the house. Lowery noted that the amount of water was sufficient to fill a very large swimming pool and would have completely flooded the basement. Claimant presented a repair bill from Ed Miller in Wayland in the amount of \$375 to repair the sink leak. Wayland Water Department made on-site inspection and found no evidence of leak. BoPW offered to split the cost of the bill on a 50-50 basis with the claimant, which was so moved. Motion passed 3-0-2 with Lowery and Greenbaum abstaining. Lewis also explained to the claimant that the BoPW will consider a request for an abatement once, but it will not consider a second claim.

Eversource Pole

Eversource requested a Grant of Location for a new utility pole on Fuller Road. It was moved and seconded and approved by a vote of 5-0-0. Lewis was authorized to sign the Grant of Request Document.

Capital Budget Briefing

The Board noted fairly substantial capital needs beginning in F/Y 2024 and considerably more capital needs thereafter, particularly should a conversion to MWRA water be approved. T Holder to continue to appraise the BoPW of the status of Capital items.

Landfill Solar

By vote of 4 -0-1, with Lowery abstaining, the Board approved a motion to make an assessment of the possibility of installing solar panels at the north landfill. Such assessment will be for a limited scope at no cost to the Town and with no substantive requirement of involvement by Town Staff. Board noted very significant limitations on use of the landfill area including issues with cap integrity, cap maintenance, permitted uses and zoning – all of which would need to be addressed by the assessment before making any commitments moving forward.

PFAS Remediation Project

The Board discussed that it does not feel that its concerns regarding the PFAS Remediation Project have been properly addressed, noting the disagreement on this point by the Town Administrator. That said, the focus of the BoPW at this point is on the project moving forward and we hope that all parties can adopt a similar view.

Moving forward, there remain two major contracts on the project. First is for the pad and piping. Second is for the winterizing structure. Mr. Holder assured the BoPW that the necessary work to award both major contracts is complete and that both contracts should be finalized within days. Mr. Holder is to inform the BoPW when these contracts are signed and a work schedule will be assembled once the contracts are executed.

The BoPW will feel considerably better about the project once we see excavators on site and substantially more comfortable once we see rotating cement mixer trucks headed that way.

Mr. Holder advised the BoPW that the best position it can take at the moment is to observe and stay focused on the next two milestones those being the execution of the two remaining contracts.

Groundwater Study

The Board asked Tom Sciacca to review the findings of the Weston & Sampson Groundwater report. The data was also analyzed carefully by Bob Goldsmith and the balance of the Board. For a very short summary, there are four important points:

First, if you look at the makeup of the total set of PFAS compounds taken in all of the sample points, none of them match the make-up of that obtained at the Happy Hollow Wells.

Second, There is a very significant source of PFAS at point SH-4 located due northwest of the High School septic treatment plant. However, the underground water flows at that point show that material in that well will not reach the Happy Hollow well system.

Third, there are two monitoring points located at MW7 and MW8 that were not sampled. These two points lie directly in the line of the underground water flow to the wells.

Fourth, nationwide, outside of a handful of major contamination points at manufacturing plants and known major use points, the major contributor to PFAS compounds in the groundwater are from residential septic systems.

In light of these four points, the BoPW would recommend that one more full data set be taken to confirm the values of the various points of the first sample set. If there is no significant change, the BoPW would conclude that none of the samples taken indicate a source of contamination and that further testing would not be required at these points. We would recommend that points M7 and M8 be added since these two points are directly upstream of the Happy Hollow well system and would give some indication of what was coming to the wells. We would recommend that samples from M7 and M8 as well as SW3 and SW4 at Dudley Pond be taken monthly as part of the regular Happy Hollow Well system data. The M7 and M8 data would not be part of the data submitted to the Mass DEP.

Beyond these recommendations, we believe the groundwater studies will be complete and no further funds should be expended thereon.

Director's Operational Report:

Mr. Holder reported that the scope for the Kleinfelder study has been revised. The revisions will be distributed and discussed in the October meeting of the BoPW.

Mr. Holder reported that Transfer Station revenues have been bolstered by shifting the tipping fee for recycled materials from sharply negative at about -\$55 per ton to a marginally positive amount of \$26 per ton. Lewis noted that a revised budget projection for the Transfer Station be prepared. Item to be further discussed in October BoPW meeting.

Holder reported that the Sedgemoor Road water main replacement is essentially complete and that a temporary roadway repair had been made. The temporary repair will remain over the winter to settle properly and a final paving will be done in the spring. Board members acknowledged the many notes of thanks received from Sedgemoor residents and the professional manner in which the water main repair was done.

Holder reported that a normal hydrant flushing program had begun and that the flushing program generally begins at Reeves Hill Tower and that it takes about a month to complete.

Holder reported that with recent significant rainfall that considerable amounts of crumb rubber have been washed from the High School athletic field. Lowery provided pictorial evidence of same. Holder noted that some silt fencing and straw waddles were installed by DPW staff as a temporary measure to help contain the crumb rubber discharge. Holder further noted that these barriers were removed shortly after installation in an unauthorized manner, and subsequently replaced again by DPW staff. Holder was exploring who may have removed these barriers.

Town Meeting Articles

The Board is not taking any position on the upcoming Town Meeting articles. We will reserve any vote on any use of land controlled by the BoPW to a time when more information is available.

Boardmember Concerns

The Board voted to request that the Town Turf field no longer be plowed of snow. It seems not possible to plow that field without depositing amounts of crumb rubber into drainage areas from the field.

The Board also notes that given the number of items for Board concern that meeting more frequently than once a month is desirable. It is also desirable that the burden on Town Staff be reduced. To accommodate both these seemingly opposing goals, the BoPW is planning to purchase and operate its own Zoom meetings at no cost to the Town. The Board believes that it can comply with all of the State mandated requirements for Zoom meetings and is planning a test meeting to verify. Once complete, the BoPW will be able to conduct Zoom meetings on its own schedule, making it easier for Town staff to attend at more convenient times, while not requiring a Town employee to serve a moderator – a win, win, win for everyone.

Lowery reported on the feasibility of the BoPW instituting its own Zoom meetings so that they would be recorded independently from the Town system.

The BoPW acknowledges a concern for a lower-cost solution to weed harvesting at Dudley Pond and is investigating this prospect with the Dudley Pond Association. More information will be presented from time-to-time as it becomes available.

Lowery requested (again) that updated stormwater layers in the Wayland GIS system be accessible to the BoPW and to the Public. Holder advised that this request must to the Town Administrator.

Lewis requested a report of budgeted costs to maintain various recreational fields in town. Doucette reported that he is working on this document and would present at a subsequent meeting of the BoPW.

Lewis noted a request from the Dudley Pond Association for increased harvesting of pond aquatic growth. Further information on the Dudley Pond Association request will be forthcoming at subsequent meetings of the BoPW.

Wegerbauer requested information on the Town Watering ban. Holder reported that the ban can be implemented on an annual basis or on a water gage basis. He further reported that Wayland is presently has 14% of water unaccounted for and is using 72 gallons per capita per day. Mass DEP limits are 10% and 65 gallons per day. Until Wayland meets both requirements, seasonal watering bans will continue each season.

Minutes

The Board approved the minutes from July 13 and July 20, noting the very good detail and information captured in those minutes

BoPW Meeting 10/19/2021

**Board Members' Reports, Concerns and
Updates**

BoPW Meeting 10/19/2021

**Topics Not Reasonably Anticipated by
the Chair 48 Hours Prior to Posting, if
any**

BoPW Meeting 10/19/2021

Adjourn