Tooley Water District Board Meeting Agenda

Version 1.2 (updated 1/18/18)

Meeting Date: Thursday, January 18, 2018 7:00pm Location: Northern Wasco County Public Utility District Board Room

Type of meeting

Board Meeting

Chairperson

Position currently vacant

Minute keeper

Debby Jones

Topics

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Item 1 - Approval of Agenda

Item 2 – Approval of Minutes – November 16, 2017

Present: John Amery, Richard Pontow, Debby Jones and Dave Pratt

John called meeting to order at 7:03.

John asked to add an agenda item regarding Anita Carothers. Debby approved the motion. Richard seconded. Motion approved unanimously.

John read the minutes for the October board meeting. Debby made a motion to approve the October minutes. Dave seconded the motion. Motion passed unanimously.

John provided financial update. There is \$32,089.18 in the savings and \$8,521.95 in the checking.

John shared information on check transactions.

John updated the board on the overall budget numbers with long term projected numbers.

John shared that the computer program always is off slightly (due to items such as dates of bills vs checks) but the main concern was the final number. John stated that projections were on track.

Water loss was back up again with a 22% percent loss equaling a loss of 78,840. John will update Hiland with the loss.

John updated the board on credit card charges and is now splitting up the credit card charges so that we are able to track these charges more effectively.

John shared that the budget indicated that we had set aside \$5,000 for capital improvements and suggested that we begin looking at potential projects. John shared a number of potential projects which included the following:

- Automatic chlorination system
- Engineering / Feasibility studies for upper reservoir
- Emergency Preparedness (Generator, manual hand pump
- Slow start pump system
- Automatic meter reader
- Flush out valves at the end of Adaline Way
- Determine and repair if needed the leaking shutoff valve by Arthur's residents.

Board discussed options and wanted to prioritize and price them out. Discussion focused on whether we had any legal requirements with the flush out valves. The board narrowed the focus to the slow start pump system, flush out valves and leaky valves. John will check on the three items and Debby will find out what other districts are doing regarding emergency

preparedness.

John shared that Anita Carothers had requested that her water be temporarily turned off and look into the location of the shut off valve. John asked for authorization to repair the shutoff valve. John was concerned that Anita did not have access to her shutoff valve.

John made a motion to authorize John to work with Hiland to fix the valve that is not functioning properly. Richard seconded. All approved.

John asked if the board felt that Carothers should have access to her shutoff valve. Richard will talk with Anita to determine how to find where the potential shut off valve may be.

Debby made a motion to authorize funds if needed to determine if there is a shutoff valve located in the concrete box. John seconded. Motion passed unanimously.

Richard and John will follow-up.

Mr. Childs declined the offer to become a board member. John will proceed with the other previously identified potential members.

There will not be a board meeting in December. Next meeting is scheduled for January 18, 2018.

Meeting adjourned at 9:25.

Item 3 - Financial Reports – John Amery

Copy of current account totals from Washington Federal Website

Online account totals from Washington Federal Website are currently not correct. Therefore this portion of the report has been omitted.

Tooley Water District wrote check# 2058 for \$50. This transaction was processed against Tooley Water District's checking account for \$1,500. This error was only recently identified during the reconciliation process of Tooley Water District's checking account while preparing financials for this agenda.

The Error is currently under review with Washington Federal Bank. I have been informed that the review process should be complete in a couple of weeks and we should know more then.

Recent Savings Transactions

Tooley Water District

1/12/2018 5:40 PM

Register: Savings at Washington Federal From 11/13/2017 through 01/12/2018 Sorted by: Date, Type, Number/Ref

Date	Number	Payee	Account	Memo	Payment	C	Deposit	Balance
12/31/201	.7	Washington Federal	Interest Income			M	8.09	32,097.27

Recent Checking Transactions

Tooley Water District

1/12/2018 5:43 PM

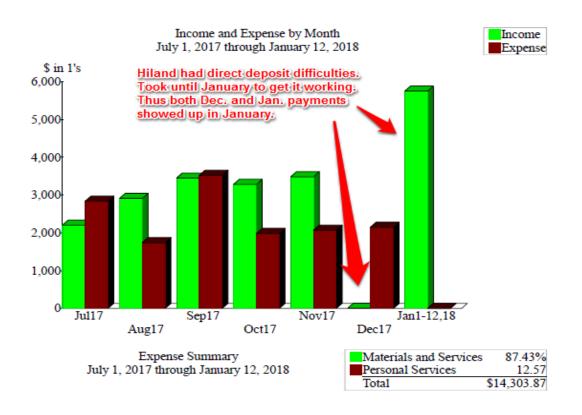
Register: Checking at Washington Federal From 11/13/2017 through 01/12/2018 Sorted by: Date, Type, Number/Ref

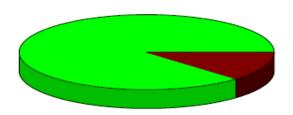
Date	Number	Payee	Account	Memo	Payment	C	Deposit	Balance
11/21/2017	1	Washington Federal	Interest Income			M	0.11	6,351.06
11/28/2017	2066	David Pratt	Personal Services:Boar	November Boa	50.00			6,301.06
11/28/2017	2067	Debby Jones	Personal Services:Boar	November Boa	50.00			6,251.06
11/28/2017	7 2068	John Amery	Personal Services:Boar	November Boa	50.00			6,201.06
11/28/2017	7 2069	Richard Pontow	Personal Services:Boar	November Boa	50.00			6,151.06
11/30/2017	7 2064	Hiland Water Corp	Accounts Payable	INV 1478 Nov	1,732.50	M		4,418.56
12/21/2017	,	Washington Federal	Interest Income			M	0.09	4,418.65
12/21/2017	7 2070	Hiland Water Corp	Accounts Payable	INV 1496 Dec	2,147.50			2,271.15
01/10/2018	3 2065	VOID	Materials and Services:	VOID: VOID		x		2,271.15
01/11/2018	3		Water Revenue:Base	HILAND WAT		M	3,025.58	5,296.73
01/12/2018	3		Water Revenue:Base	HILAND WAT		M	2,727.37	8,024.10

Profit and Loss Budget vs. Actual

Net Income	Net Other Income	Total Other Income	Other Income/Expense Other Income Interest Income	Net Ordinary Income	Total Expense	Total Personal Services	Crime Bond Workmans Compensation Insurance	Total Boardmember training/meetings	Boardmember training/meetings Meeting Copies Boardmember training/meetings - Other	Personal Services Boardmember Incentives	Total Materials and Services	Postage and Delivery	Total Operating Expenses	Activation Fees Sestimough Activation Fees Sestimough Customer CC pass through Hiland Base Maintenance Fee	Maintenance and Repairs Network Monitoring Maintenance Office Supplies Construction Expanses	Computer and Internet Expenses Copies Copies Copies Copies Copies Liability Insurance	Expense Capital improvements Contingency Marcial and Socioco	Total Income	Total Water Revenue	Ordinary IncomeExpense Income Water Revenue Customer CC Passtrough Water Revenue - Other		Accrual Basis	01/12/18	6:18 PM
5,752.95	0.00	0.00	0.00	5,752.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00	5,752.95	5,752.95	31,50 5,721,45	Jan 18			
-1,394.19	1.75	1.75	1.76	-1,395.94	4,068.49	270.83	0.00	20.83	0.00 20.83	250.00	3,797.66	3.33	1,715.00	1,715.00	416.00 0.00 0.00	30,00 58,33 1,575.00	0.00 0.00	2,672.55	2,672.55	0.00 2,672.55	Budget		Profit & L	_
412.6%	0.0%	0.0%	0.0%	-412.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0% 0.0%	0.0% 0.0%	0.0%	215.3%	215.3%	100.0% 214.1%	% of Budget	January 2018	Profit & Loss Budget Performance	Tooley Water District
6,796.99	22.76	22.76	22.76	6,774.23	14,303.87	1,797.55	100.00 561.75	-14.20	-14.20 0.00	1,150.00	12,506.32	9.80	10,411.00	30.00 91.00 10,290.00	1,743.68 0.00 39.99	114.05 7.80 180.00 0.00	0.00	21,078.10	21,078.10	101.50 20,976.80	Jul '17 - Jan 18		mance	
2,580.91	12.25	12.25	12.25	2,568.66	19,899.51	2,595.85	100.00 600.00	145.85	0.00	1,750.00	17,303.66	23.31	12,005.00	0.00 12,005.00	2,912.00 0.00 60.00	110.00 210.00 408.35 1,575.00	0.00	22,468.17	22,468.17	0.00 22,488.17	YTD Budget			
263.4%	185.8%	185.8%	185.8%	263.7%	71.9%	69.2%	100.0% 93.6%	-9.7%	100.0%	65.7%	72.3%	42.0%	86.7%	100.0% 85.7%	59.9% 0.0% 66.7%	103.7% 3.7% 44.1% 0.0%	0.0% 0.0%	93.8%	93.8%	100.0% 93.4%	% of Budget			
-9,106.00	21.00	21.00	21.00	-9,127.00	45,247.00	3,962.00	100.00 612.00	250.00	0.00 250.00	3,000.00	28,785.00	40.00	20,600.00	20.00 20,580.00	5,000.00 300.00 100.00	110.00 360.00 700.00 1,575.00	5,000.00 7,500.00	36,120.00	36,120.00	0.00 38,120.00	Annual Budget			

Income and Expense by Month





Balance Sheet Previous Year Comparison

Tooley Water District Balance Sheet Prev Year Comparison

As of January 12, 2018

	Jan 12, 18	Jan 12, 17	\$ Change	% Change
ASSETS				
Current Assets				
Checking/Savings Checking at Washington Federal	8,024.10	9,875.96	-1,851.86	-18.8%
Savings at Washington Federal	32,097.27	25,169.66	6,927.61	27.5%
Total Chacking/Savings	40.121.37	35,045.62	5.075.75	14.5%
Total Checking/Savings	40,121.37	35,045.02	5,075.75	14.5%
Total Current Assets	40,121.37	35,045.62	5,075.75	14.5%
Fixed Assets				
Tooley Fixed Assets	249,300.00	249,300.00	0.00	0.0%
Total Fixed Assets	249,300.00	249,300.00	0.00	0.0%
TOTAL ASSETS	289,421.37	284,345.62	5,075.75	1.8%
LIABILITIES & EQUITY Equity				
Opening Balance Equity	268,855.44	268,855.44	0.00	0.0%
Retained Earnings	13,768.94	12,921.01	847.93	6.6%
Net Income	6,796.99	2,569.17	4,227.82	164.6%
Total Equity	289,421.37	284,345.62	5,075.75	1.8%
TOTAL LIABILITIES & EQUITY	289,421.37	284,345.62	5,075.75	1.8%

Maintenance and Repairs - Details

7:12 PM 01/12/18 Accrual Basis

Tooley Water District Maintenance and Repairs details

July 2017 through June 2018

Og/30/2017 1420	Date	Num	Name	Memo	Amount	Balance
160.00	Materials and Se	rvices				
Og/30/2017 1420	Maintenance	and Repair	8			
09/30/2017 1420 Lower Well Repair from pipe burst 09/30/2017 J&J Trucking Gravel for Lower Pumphouse repair 882.97 1,201.07 09/30/2017 1420 Lower Well Repair from pipe burst 10/80/20/2017 10% Markup on direct expenses 104.11 1,305.18 10/20/2017 2001 Lower Well Repair from pipe burst 10/80/20/20/20/20/20/20/20/20/20/20/20/20/20	09/30/2017	1420	Lower Well Repair from pipe burst	Joel Ellis - Work with Gravel	160.00	160.00
09/30/2017 1420 Lower Well Repair from pipe burst 10% Markup on direct expenses 104.11 1,305.18 10/20/2017 2001 Lower Well Repair from pipe burst 10/20/2017 2001 Lower Well Repair from pipe burst 10/20/2017 1496 Repair meter in resevoir - 2017 Paul Howard - Place door hangers 62.50 1,417.68 12/28/2017 1496 Repair meter in resevoir - 2017 Robert Trotter - Place door hangers 50.00 1,467.68 12/28/2017 1496 Repair meter in resevoir - 2017 Paul Howard - Change Meter 37.50 1,505.18 12/28/2017 1496 Repair meter in resevoir - 2017 Robert Trotter - Change Meter 30.00 1,555.18 12/28/2017 1496 Replace LMI Pump - 2017 Robert Trotter - Change LMI pump lower pump house, g 40.00 1,575.18 12/28/2017 1496 Replace LMI Pump - 2017 OHA Cashier 30.00 37.56 1,642.74 12/28/2017 1496 Replace LMI Pump - 2017 344 x 344 mip comp 37.56 1,642.74 12/28/2017 1496 Replace LMI Pump - 2017 344" CTS Stainless Stiffner 1.86 1,644.60 12/28/2017 1496 Replace LMI Pump - 2017 344" Straight Meter Stop 39.74 1,684.88 12/28/2017 1496 Replace LMI Pump - 2017 Heater for Resevoir 37.99 1,722.87 12/28/2017 1496 Resevoir Heater - 2017 Heater for Resevoir 37.99 1,722.87 12/28/2017 1496 Resevoir Heater - 2017 Light bulbs 5.49 1,728.36 1,743.68 Total Maintenance and Repairs 1,743.68 1,743.6	09/30/2017	1420	Hiland Water Corp	Furrow Pump - LMI pump parts - Chorinator	158.10	318.10
10/20/2017 2001 Lower Well Repair from pipe burst INV# 2001 Excavation 50.00 1,355.18 12/28/2017 1496 Repair meter in resevoir - 2017 Paul Howard - Place door hangers 50.00 1,467.68 12/28/2017 1496 Repair meter in resevoir - 2017 Robert Trotter - Place door hangers 50.00 1,467.68 12/28/2017 1496 Repair meter in resevoir - 2017 Paul Howard - Change Meter 37.50 1,505.18 12/28/2017 1496 Repair meter in resevoir - 2017 Robert Trotter - Change Meter 30.00 1,535.18 12/28/2017 1496 Replace LMI Pump - 2017 Robert Trotter - Change LMI pump lower pump house, g 40.00 1,575.18 12/28/2017 1496 Replace LMI Pump - 2017 Robert Trotter - Change LMI pump lower pump house, g 40.00 1,605.18 12/28/2017 1496 Replace LMI Pump - 2017 3/4 x 3/4 mip comp 37.56 1,642.74 12/28/2017 1496 Replace LMI Pump - 2017 3/4" Straight Meter Stop 39.74 1,684.64 12/28/2017 1496 Resevoir Heater - 2017 Heat	09/30/2017	1420	Lower Well Repair from pipe burst	J&J Trucking Gravel for Lower Pumphouse repair	882.97	1,201.07
12/28/2017 1496 Repair meter in resevoir - 2017 Paul Howard - Place door hangers 62.50 1,417.68 12/28/2017 1496 Repair meter in resevoir - 2017 Robert Trotter - Place door hangers 50.00 1,467.68 12/28/2017 1496 Repair meter in resevoir - 2017 Paul Howard - Change Meter 37.50 1,505.18 12/28/2017 1496 Repair meter in resevoir - 2017 Robert Trotter - Change Meter 30.00 1,535.18 12/28/2017 1496 Replace LMI Pump - 2017 Robert Trotter - Change LMI pump lower pump house, g 40.00 1,575.18 12/28/2017 1496 Replace LMI Pump - 2017 3/4 x 3/4 mip comp 37.56 1,642.74 12/28/2017 1496 Replace LMI Pump - 2017 3/4" CTS Stainless Stiffner 1.86 1,644.60 12/28/2017 1496 Replace LMI Pump - 2017 3/4" Straight Meter Stop 39.74 1,684.68 12/28/2017 1496 Replace LMI Pump - 2017 1496 Replace LMI Pump - 2017 3/4" Straight Meter Stop 39.74 1,684.61 12/28/2017 1496 Resevoir Heater	09/30/2017	1420	Lower Well Repair from pipe burst	10% Markup on direct expenses	104.11	1,305.18
12/28/2017 1496 Repair meter in resevoir - 2017 Robert Trotter - Place door hangers 50.00 1,467.68 12/28/2017 1496 Repair meter in resevoir - 2017 Paul Howard - Change Meter 37.50 1,505.18 12/28/2017 1496 Repair meter in resevoir - 2017 Robert Trotter - Change Meter 30.00 1,575.18 12/28/2017 1496 Replace LMI Pump - 2017 Robert Trotter - Change LMI pump lower pump house, g 40.00 1,575.18 12/28/2017 1496 Replace LMI Pump - 2017 OHA Cashier 30.00 1,605.18 12/28/2017 1496 Replace LMI Pump - 2017 3/4 x 3/4 mip comp 37.56 1,642.74 12/28/2017 1496 Replace LMI Pump - 2017 3/4" CTS Stainless Stiffner 1.66 1,644.60 12/28/2017 1496 Replace LMI Pump - 2017 3/4" Straight Meter Stop 39.74 1,684.88 12/28/2017 1496 Replace LMI Pump - 2017 Heater for Resevoir 37.99 1,722.87 12/28/2017 1496 Resevoir Heater - 2017 Heater for Resevoir 37.99 1,722.87	10/20/2017	2001	Lower Well Repair from pipe burst	INV# 2001 Excavation	50.00	1,355.18
12/28/2017 1496 Repair meter in resevoir - 2017 Paul Howard - Change Meter 37.50 1,505.18 12/28/2017 1496 Repair meter in resevoir - 2017 Robert Trotter - Change Meter 30.00 1,535.18 12/28/2017 1496 Replace LMI Pump - 2017 Robert Trotter - Change LMI pump lower pump house, g 40.00 1,575.18 12/28/2017 1496 Replace LMI Pump - 2017 OHA Cashier 30.00 1,605.18 12/28/2017 1496 Replace LMI Pump - 2017 3/4 x 3/4 mip comp 37.56 1,642.74 12/28/2017 1496 Replace LMI Pump - 2017 3/4" CTS Stainless Stiffner 1.66 1,645.14 12/28/2017 1496 Replace LMI Pump - 2017 3/4" Pex Clamp 0.54 1,645.14 12/28/2017 1496 Replace LMI Pump - 2017 3/4" Straight Meter Stop 39.74 1,684.88 12/28/2017 1496 Resevoir Heater - 2017 Heater for Resevoir 37.99 1,722.87 12/28/2017 1496 Hiland Water Corp 10% markup 15.32 1,743.68 Total Mainten	12/28/2017	1496	Repair meter in resevoir - 2017	Paul Howard - Place door hangers	62.50	1,417.68
12/28/2017 1496 Repair meter in resevoir - 2017 Robert Trotter - Change Meter 30.00 1,535.18 12/28/2017 1496 Replace LMI Pump - 2017 Robert Trotter - Change LMI pump lower pump house, g 40.00 1,575.18 12/28/2017 1496 Replace LMI Pump - 2017 OHA Cashier 30.00 1,605.18 12/28/2017 1496 Replace LMI Pump - 2017 3/4 x 3/4 mip comp 37.56 1,642.74 12/28/2017 1496 Replace LMI Pump - 2017 3/4" CTS Stainless Stiffner 1.86 1,644.60 12/28/2017 1496 Replace LMI Pump - 2017 3/4" Pex Clamp 0.54 1,645.14 12/28/2017 1496 Replace LMI Pump - 2017 3/4" Straight Meter Stop 39.74 1,684.88 12/28/2017 1496 Resevoir Heater - 2017 Heater for Resevoir 37.99 1,722.87 12/28/2017 1496 Resevoir Heater - 2017 Light bulbs 5.49 1,728.36 12/28/2017 1496 Resevoir Heater - 2017 Light bulbs 5.49 1,743.68 Total Maintenance and Repairs Total Maintenance and Repairs Total Materials and Services 1,743.68 1,743.68	12/28/2017	1496	Repair meter in resevoir - 2017	Robert Trotter - Place door hangers	50.00	1,467.68
12/28/2017 1496 Replace LMI Pump - 2017 Robert Trotter - Change LMI pump lower pump house, g 40.00 1,575.18 12/28/2017 1496 Replace LMI Pump - 2017 OHA Cashier 30.00 1,605.18 12/28/2017 1496 Replace LMI Pump - 2017 3/4 x 3/4 mip comp 37.56 1,645.14 12/28/2017 1496 Replace LMI Pump - 2017 3/4" CTS Stainless Stiffner 1.86 1,644.60 12/28/2017 1496 Replace LMI Pump - 2017 3/4" Pex Clamp 0.54 1,645.14 12/28/2017 1496 Replace LMI Pump - 2017 3/4" Straight Meter Stop 39.74 1,684.68 12/28/2017 1496 Resevoir Heater - 2017 Heater for Resevoir 37.99 1,722.87 12/28/2017 1496 Resevoir Heater - 2017 Light bulbs 5.49 1,728.36 12/28/2017 1496 Hiland Water Corp 10% markup 15.32 1,743.68 Total Maintenance and Repairs Total Materials and Services	12/28/2017	1496	Repair meter in resevoir - 2017	Paul Howard - Change Meter	37.50	1,505.18
12/28/2017 1496 Replace LMI Pump - 2017 OHA Cashier 30.00 1,605.18 12/28/2017 1496 Replace LMI Pump - 2017 3/4 x 3/4 mip comp 37.56 1,642.74 12/28/2017 1496 Replace LMI Pump - 2017 3/4" CTS Stainless Stiffner 1.86 1,644.60 12/28/2017 1496 Replace LMI Pump - 2017 3/4" Pex Clamp 0.54 1,645.14 12/28/2017 1496 Replace LMI Pump - 2017 3/4" Straight Meter Stop 39.74 1,684.88 12/28/2017 1496 Resevoir Heater - 2017 Heater for Resevoir 37.99 1,722.87 12/28/2017 1496 Resevoir Heater - 2017 Light for Resevoir 5.49 1,728.36 12/28/2017 1496 Hiland Water Corp 10% markup 15.32 1,743.68 Total Maintenance and Repairs 1,743.68 1,743.68 1,743.68	12/28/2017	1496	Repair meter in resevoir - 2017	Robert Trotter - Change Meter	30.00	1,535.18
12/28/2017 1496 Replace LMI Pump - 2017 3/4 x 3/4 mip comp 37.56 1,642.74 12/28/2017 1496 Replace LMI Pump - 2017 3/4" CTS Stainless Stiffner 1.86 1,644.60 12/28/2017 1496 Replace LMI Pump - 2017 3/4" Pex Clamp 0.54 1,645.14 12/28/2017 1496 Replace LMI Pump - 2017 3/4" Straight Meter Stop 39.74 1,684.88 12/28/2017 1496 Resevoir Heater - 2017 Heater for Resevoir 37.99 1,722.87 12/28/2017 1496 Resevoir Heater - 2017 Light bulbs 5.49 1,728.36 12/28/2017 1496 Hilland Water Corp 10% markup 15.32 1,743.68 Total Maintenance and Repairs 1,743.68 1,743.68 Total Materials and Services 1,743.68 1,743.68	12/28/2017	1496	Replace LMI Pump - 2017	Robert Trotter - Change LMI pump lower pump house, g	40.00	1,575.18
12/28/2017 1496 Replace LMI Pump - 2017 3/4" CTS Stainless Stiffner 1.86 1,644.60 12/28/2017 1496 Replace LMI Pump - 2017 3/4" Pex Clamp 0.54 1,645.14 12/28/2017 1496 Replace LMI Pump - 2017 3/4" Sex Clamp 39.74 1,684.88 12/28/2017 1496 Resevoir Heater - 2017 Heater for Resevoir 37.99 1,722.87 12/28/2017 1496 Resevoir Heater - 2017 Light bulbs 5.49 1,728.36 12/28/2017 1496 Hiland Water Corp 10% markup 15.32 1,743.68 Total Maintenance and Repairs Total Materials and Services 1,743.68 1,743.68	12/28/2017	1496	Replace LMI Pump - 2017	OHA Cashier	30.00	1,605.18
12/28/2017 1496 Replace LMI Pump - 2017 3/4" Pex Clamp 0.54 1,645.14 12/28/2017 1496 Replace LMI Pump - 2017 3/4" Straight Meter Stop 39.74 1,684.88 12/28/2017 1496 Resevoir Heater - 2017 Heater for Resevoir 37.99 1,722.87 12/28/2017 1496 Resevoir Heater - 2017 Light bulbs 5.49 1,728.36 12/28/2017 1496 Hiland Water Corp 10% markup 15.32 1,743.68 Total Maintenance and Repairs Total Materials and Services 1,743.68 1,743.68	12/28/2017			3/4 x 3/4 mip comp	37.56	1,642.74
12/28/2017 1496 Replace LMI Pump - 2017 3/4" Straight Meter Stop 39.74 1,684.88 12/28/2017 1496 Resevoir Heater - 2017 Heater for Resevoir 37.99 1,722.87 12/28/2017 1496 Resevoir Heater - 2017 Light bulbs 5.49 1,783.36 12/28/2017 1496 Hilland Water Corp 10% markup 15.32 1,743.68 Total Maintenance and Repairs Total Materials and Services 1,743.68 1,743.68	12/28/2017	1496	Replace LMI Pump - 2017	3/4" CTS Stainless Stiffner	1.86	1,644.60
12/28/2017 1496 Resevoir Heater - 2017 Heater for Resevoir 37.99 1,722.87 12/28/2017 1496 Resevoir Heater - 2017 Light bulbs 5.49 1,728.36 12/28/2017 1496 Hilland Water Corp 10% markup 15.32 1,743.68 Total Maintenance and Repairs 1,743.68 1,743.68 Total Materials and Services 1,743.68 1,743.68	12/28/2017		Replace LMI Pump - 2017	3/4" Pex Clamp		1,645.14
12/28/2017 1496 Resevoir Heater - 2017 Light bulbs 5.49 1,728.36 12/28/2017 1496 Hiland Water Corp 10% markup 15.32 1,743.68 Total Maintenance and Repairs 1,743.68 1,743.68 Total Materials and Services 1,743.68 1,743.68	12/28/2017	1496	Replace LMI Pump - 2017	3/4" Straight Meter Stop	39.74	1,684.88
12/28/2017 1496 Hiland Water Corp 10% markup 15.32 1,743.68 Total Maintenance and Repairs 1,743.68 1,743.68 1,743.68 Total Materials and Services 1,743.68 1,743.68 1,743.68	12/28/2017	1496	Resevoir Heater - 2017	Heater for Resevoir	37.99	1,722.87
Total Maintenance and Repairs 1,743.68 1,743.68 Total Materials and Services 1,743.68 1,743.68	12/28/2017	1496	Resevoir Heater - 2017	Light bulbs	5.49	1,728.36
Total Materials and Services 1,743.68 1,743.68	12/28/2017	1496	Hiland Water Corp	10% markup	15.32	1,743.68
	Total Maintena	ance and Re	epairs		1,743.68	1,743.68
1 7/3 68 4 7/3 68	Total Materials an	d Services			1,743.68	1,743.68
1,143.00	TOTAL				1,743.68	1,743.68

Item 4 – Action – Appointment of new board member

Carol Mauser has accepted Tooley Water District's request for consideration on the board.

Board to vote on appointing Mrs. Mauser as a Tooley Water District board member. If appointed, Mrs. Mauser would be fulfilling the vacancy created when Carl Carson resigned (due to moving away).

Item 5 - Discussion - Water Report

November 2017

Gallons pumped: 251,490

Gallons sold: 199,890

Gallons lost: 51,600

Water Loss: 20.52%

December 2017

Gallons pumped: 150,310

Gallons sold: 95,000

Gallons lost: 55,310

Water Loss: 36.80%

Item 6 – Action – Vote for board member positions

As it is January, it is time to vote for board positions. Three positions are required. Each role must be fulfilled by a different board member. Term for the position will be January – December of 2018.

- 1.—Treasurer
- 2.—Secretary
- 3.—Chairperson

Item 7 - Discussion - Capital Projects

Tooley Water District has budgeted \$5k for the fiscal year 2017/18. We have until June 30th 2018 to complete any capital projects.

Discussion item: Life of valves, pumps, and pipes – Long term maintenance / replacement.

Potential projects include:

- 1. Automatic chlorination system Estimate \$5,000
- 2. Engineering / Feasibility studies for upper reservoir
- 3. Emergency Preparedness
 - 1. Generator
 - 2. Manual hand pump Estimate \$1,500
- 4. Slow start pump system Estimate \$6k per site
- 5. 5. Pipe /Asset Locating Project Estimate \$2,500
 - 1. Utilizing GPR (Ground Penetrating Radar) and other technologies locate all of Tooley Water District's pipes and valves.
 - 1. Utilizing GPR may be able to tell if valves are leaking (looking at soil underground may be able to determine runoff)

2.

Hey John,

Thank you for the interest in our services. We would be pleased to help you line or and map the position off your water line near the Dalles. As discussed on the phone a budget of \$2500.00 would be sufficient for this portion off the work as we see it. This would include real time marking out of the line, painting and staking the intersections and laterals, as well as coming back through and mapping the laterals with GPS.

As you get closer to making a decision on moving forward worth your project please contact me with questions. I am more than happy to help and answer any quotations you may have. My contact information is below. We look forward to working with you, talk to you soon.

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- 2. Another option is to utilize a mixture of Hiland and GPR for this project. Hiland could perform a detailed analysis of locating known assets. Where they couldn't locate they could call in the GPR experts.
 - 1. The advantage of utilizing both companies is that they both have different skillsets. Hiland understands water systems and would be looking at things like wear on system, leaks, types of valves etc. while the locating company is just locating assets.
- 6. Flush out valves at Adeline Way Estimate \$4k (\$2k per side)

Item 8 - Discussion - Nitrogen tests at lower well

High levels of Nitrogen were found at the lower well. Nitrogen levels were not at a fail level however they were high enough to bump Tooley Water District up to a increased testing cycle. Tooley Water District will now be required to test every 6 months (previously it was annually).

Hiland Water currently performs all testing for Tooley Water Districts under their fixed rate.

The inspector suggested that perhaps Tooley may want to consider acquiring a greater setback from the well. However, due to sandy soil there was question if even a greater setback would solve the issue.

Item 9 - Discussion - customer DMARC

Tooley Water District repaired the leaking valve/meter at the resevoir. Currently we now have two meters leading to a customer's location.

In terms of future maintenance and responsibility Tooley Water District should determine the final point of Demarcation.

Item 11 - Discussion - Next meeting

Historically Tooley Water District meetings take place on the 3rd Thursday at 7:00pm. However with a new board member, this time and place should be discussed.

Next board meeting will take place February 15th?

Location: NWCPUD board room

Meeting Adjourned