

HILL COUNTY WATER DISTRICT

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MARCH 2016 AGENDA

Wednesday, March 2, 2016 - 7:30 p.m. at the District's shop/office at 104 Second Street at Hingham, Montana.

Recognition of visitors; Public comments, limited to any matter not on this agenda and within the jurisdiction of the District Board; 3-minute time limit per speaker.

Call to order and approval of minutes of previous meeting.

OLD BUSINESS:

OTHER OLD BUSINESS:

NEW BUSINESS:

1. Employee Report

OTHER NEW BUSINESS:

OTHER:

1. Delinquencies
2. Bills

NEXT REGULAR MEETING – April 6, 2016 at 7:30 p.m.

MINUTES OF THE REGULAR MEETING OF THE HILL COUNTY WATER DISTRICT

The regular meeting of the Hill County Water District was held on February 10, 2016, at the District's shop/office at Hingham, Montana.

RECOGNITION OF VISITORS: No visitors were present.

CALL TO ORDER:

The meeting was called to order at 7:30 p.m. by President Dave Jones, who acted as Chairman. All board members were present except LaNay Kapperud and Larry Fossen and the chairman declared a quorum present. Also present were Secretary Tammy Pike and Manager Scott Decker.

PUBLIC COMMENTS: No other members of the public were present or made any comments.

APPROVAL OF MINUTES FROM PREVIOUS MEETINGS:

The Chairman asked for corrections or additions to the minutes of the January 6, 2016 regular board meeting previously received by all board members noting the date of the meeting was incorrect. On motion by Lowell Strissel, seconded by Kevin Springer, the Board approved the minutes of the January 6, 2016 regular board meeting with the correction to the meeting date.

OLD BUSINESS:

None.

OTHER OLD BUSINESS:

None.

NEW BUSINESS:

EMPLOYEE REPORTS: Scott Decker reported that he would be attending training in Kalispell on February 11, 2016 on the revised total coliform rule.

Mr. Decker advised the Board the small valves and pressure gauges have been changed in the Hingham Pumpstation. A new spool has also been order for the bulk water tee.

Mr. Decker also advised the Board he is working with GC Systems on a clay valve that can be installed in the Pumpstation 1 and 2 manifolds to throttle the pumps. Employees currently control the flow by throttling the six inch gate valves for each pump.

Mr. Decker reported the Rural Water Conference is February 17 – 19, 2016. Mr. Decker will be attending some classes and will be meeting with Utility Specialties to discuss meters and Dale Fletcher of GC Systems to discuss the Pumpstation flow regulators.

Mr. Decker also reported the Consumer Confidence Report, as appended to the Minutes, has been completed by Montana Environmental Lab.

FINANCIAL REPORT: Tammy Pike referred the Board to the financial report for the fourth quarter of 2015 completed by Anderson Zurmuehlen and the Profit & Loss Statements included with the meeting materials. Ms. Pike noted the net income is \$55,775 which is high for the District given the time of year. As of December 31, 2014 the District was at a \$7,596 net loss. The Board reviewed the reports and discussion took place. On motion by Dan Hybner, seconded by Lowell Strissel, the Board approved the reports as presented.

OTHER NEW BUSINESS:

NORTH CENTRAL REGIONAL WATER AUTHORITY: Scott Decker reported to the Board on attending the meeting by teleconference on January 19, 2016. No current hookup information was available and the engineers will work on compiling the information and provide it to the District upon completion.

Mr. Decker also advised the Board on the letter from legal counsel included with the meeting materials. The Board reviewed and discussed the letter.

OTHER BUSINESS:

DELINQUENCIES: The Board reviewed reports on current delinquencies.

BILLS: The Board reviewed the list of monthly bills; a copy of the list of current bills is appended to these minutes. On motion by Larry Olson, seconded by Rob Moog, the Board approved all such bills for payment.

Since the Board had no further business, the Chairman adjourned the meeting.



Tammy R. Pike, Secretary

Next Regular Meeting – Wednesday March 2, 2016 at 7:30 p.m. at the District's shop/office at 104 Second Street, Hingham, Montana.

HILL COUNTY WATER DISTRICT

2/10/2016 9:59 AM

Register: 1020 · Cash in Bank -Independence Bank

From 01/07/2016 through 02/10/2016

Sorted by: Date, Type, Number/Ref

Date	Number	Payee	Account	Memo	Payment	C	Deposit	Balance
01/07/2016			-split-	Deposit		X	14,402.21	172,970.71
01/07/2016	eft	Montana Dept. of Re...	2100 · State Wtihholding	4026077-002-...	500.00	X		172,470.71
01/07/2016	eft	Unemployment Insur...	-split-	031 4163	59.88	X		172,410.83
01/08/2016	eft	United States Treasury	-split-	81-0297216	2,951.06	X		169,459.77
01/11/2016	3274	HiLine Hardware	2005 · Accounts Payab...		35.63	X		169,424.14
01/11/2016	3275	Hill County Electric	2005 · Accounts Payab...		1,949.31	X		167,474.83
01/11/2016	3276	ME Lab	2005 · Accounts Payab...		173.00	X		167,301.83
01/11/2016	3277	Montana Rural Wate...	2005 · Accounts Payab...		125.00	X		167,176.83
01/11/2016	3278	Northwestern Energy	2005 · Accounts Payab...		100.00	X		167,076.83
01/11/2016	3279	Office Equipment Co.	2005 · Accounts Payab...	HCWD08	110.80	X		166,966.03
01/15/2016			-split-	Deposit		X	767.61	167,733.64
01/15/2016			-split-	Deposit		X	14,037.44	181,771.08
01/20/2016	3280	Blue Cross Blue Shie...	2005 · Accounts Payab...		2,512.56	X		179,258.52
01/20/2016	3281	CNA Surety	2005 · Accounts Payab...		100.00	X		179,158.52
01/20/2016	3282	Montana Rural Wate...	2005 · Accounts Payab...		50.00	X		179,108.52
01/20/2016	3283	Wipfli LLP	2005 · Accounts Payab...		6,000.00	X		173,108.52
01/22/2016			-split-	Deposit		X	969.97	174,078.49
01/22/2016			-split-	Deposit		X	4,282.19	178,360.68
01/26/2016		American Funds	-split-		1,278.14	X		177,082.54
01/26/2016		QuickBooks Payroll ...	2110 · Wages Payable	Created by Pay...	8,172.41	X		168,910.13
01/27/2016		Pike, Tammy R.	-split-	Direct Deposit		X		168,910.13
01/27/2016		Decker, Scott N	-split-	Direct Deposit		X		168,910.13
01/27/2016		Cady, Lonnie M.	-split-	Direct Deposit		X		168,910.13
01/29/2016			-split-	Deposit		X	290.67	169,200.80
01/29/2016			4320 · Interest Income	Interest		X	20.41	169,221.21
02/02/2016	3284	American Welding &...	2005 · Accounts Payab...		23.45			169,197.76
02/02/2016	3285	Bear Paw Lumber	2005 · Accounts Payab...		8.55			169,189.21
02/02/2016	3286	Blue Cross Blue Shie...	2005 · Accounts Payab...		1,694.54			167,494.67
02/02/2016	3287	Daniel Hybner	2005 · Accounts Payab...		80.00			167,414.67
02/02/2016	3288	David E. Jones	2005 · Accounts Payab...		80.00			167,334.67
02/02/2016	3289	Fraser's Oil	2005 · Accounts Payab...		708.11			166,626.56
02/02/2016	3290	Hingham Motors	2005 · Accounts Payab...		382.02			166,244.54
02/02/2016	3291	I Bank Visa 7677	2005 · Accounts Payab...		18.49			166,226.05
02/02/2016	3292	Kevin W. Springer	2005 · Accounts Payab...		80.00			166,146.05
02/02/2016	3293	La Nay Kapperud	2005 · Accounts Payab...		80.00			166,066.05
02/02/2016	3294	Larry J. Fossen	2005 · Accounts Payab...		80.00			165,986.05
02/02/2016	3295	Laurence Olson	2005 · Accounts Payab...		80.00			165,906.05
02/02/2016	3296	Lowell Strissel	2005 · Accounts Payab...		80.00			165,826.05
02/02/2016	3297	Montana Rural Wate...	2005 · Accounts Payab...		250.00			165,576.05
02/02/2016	3298	Montana State Fund	2005 · Accounts Payab...	03-039359-9	2,560.14			163,015.91

HILL COUNTY WATER DISTRICT

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From 01/07/2016 through 02/10/2016

Sorted by: Date, Type, Number/Ref

Date	Number	Payee	Account	Memo	Payment C	Deposit	Balance
02/02/2016	3299	North 40 Outfitters	2005 · Accounts Payab...		41.75		162,974.16
02/02/2016	3300	Northwestern Energy	2005 · Accounts Payab...		1,906.93		161,067.23
02/02/2016	3301	Office Equipment Co.	2005 · Accounts Payab...	HCWD08	562.43		160,504.80
02/02/2016	3302	Rob Moog	2005 · Accounts Payab...		80.00		160,424.80
02/02/2016	3303	Toner's Tire Rama	2005 · Accounts Payab...		108.00		160,316.80
02/02/2016	3304	Totalfunds by Hasler	2005 · Accounts Payab...	7900 0110 346...	531.48		159,785.32
02/02/2016	3305	Triangle Communica...	2005 · Accounts Payab...		436.82		159,348.50
02/02/2016	3306	Verizon Wireless	2005 · Accounts Payab...		248.41		159,100.09
02/05/2016			-split-	Deposit		11,196.79	170,296.88
02/05/2016			-split-	Deposit		3,655.09	173,951.97
02/05/2016			-split-	Deposit		254.20	174,206.17
02/08/2016	3307	Hill County Electric	2005 · Accounts Payab...		3,619.29		170,586.88
02/08/2016	3308	ME Lab	2005 · Accounts Payab...		173.00		170,413.88
02/08/2016	3309	North Central Auto P...	2005 · Accounts Payab...		271.92		170,141.96
02/08/2016	3310	Northwest Pipe Fittin...	2005 · Accounts Payab...	40721	75.32		170,066.64
02/08/2016	3311	Office Equipment Co.	2005 · Accounts Payab...	HCWD08	697.01		169,369.63
02/08/2016	3312	Totalfunds by Hasler	2005 · Accounts Payab...	7900 0110 346...	6.66		169,362.97
02/08/2016	3313	Triangle Communica...	2005 · Accounts Payab...		234.49		169,128.48
02/10/2016	3314	Bosch, Kuhr, Dugdall...	2005 · Accounts Payab...		595.00		168,533.48
02/10/2016	3315	Northwest Pipe Fittin...	2005 · Accounts Payab...	40721	149.60		168,383.88
02/10/2016	3316	Office Equipment Co.	2005 · Accounts Payab...	HCWD08	740.55		167,643.33

HILL COUNTY WATER DISTRICT
Montana Public Water Supply ID number 00249
2015 Water Quality Report

In compliance with the EPA's Safe Drinking Water Act and in an effort to keep you informed about the quality of water and services we provide to you each day, we're pleased to provide you with our Annual Water Quality Report. This report is a snapshot of the quality of water we provided you last year. It includes details regarding the source of your water, what your water contains and how it compares to EPA and the State of Montana standards.

Our drinking water comes from an infiltration gallery next to the Marias River, south of Inverness. As the water flows from the river into the infiltration gallery (the well) the water is purified by natural riverbank filtration. To disinfect the water we treat it by running it past a powerful ultraviolet light (UV) and then to insure it's purity throughout the distribution system, we add a small amount of chlorine. Recently the Montana Department of Environmental Quality classified this water source as ground water, rather than surface water. This reduces the amount of testing we have to do on our raw (untreated) water. We have 713 service connections in the communities of Kremlin, Gilford, Hingham, Rudyard, North Rudyard, North Kremlin, Inverness, Joplin, and east towards Havre to Sage Creek. We added two new service connections last year. In a continuing effort to maintain and improve our system, we completed system wide meter maintenance last year. A total of 713 active water meters have been installed.

We want you, our valued customers to be informed about your water utility. If you want to learn more, please attend any of our regularly scheduled meetings held on the first Wednesday of each month at 7:30 p.m. at the HCWD office at 104 Second St. in Hingham. If you have any questions about this report or concerning your water, please contact Scott Decker at (406) 397-3387. Scott is our certified operator with 19 years of experience. He attends periodic training sessions to meet continuing education requirements. The most recent training course he attended was at the Montana Rural Water Systems Annual Conference held in Great Falls in February of last year.

DID YOU KNOW? The sources of drinking water (both tap and bottled water) include rivers, lakes, streams, ponds, reservoirs, and wells. As water travels over the surface of land or through the ground, it dissolves naturally occurring minerals and in some cases radioactive elements. Water can also pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in water include:

- 1) Microbial contaminants such as viruses and bacteria which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife
- 2) Inorganic contaminants, such as salts and metals which can be naturally occurring or result from urban storm water runoff, industrial or domestic waste water discharges, oil and gas production, mining and farming.
- 3) Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- 4) Volatile organic chemicals, which are byproducts of industrial processes, petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
- 5) Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. We routinely monitor for contaminants in your drinking water according to Federal and State laws. We send our water samples to Montana Environmental Laboratory in Kalispell (406-755-2131). They are a private laboratory that is certified by the State of Montana and the EPA to analyze drinking water. Our sampling frequency complies with EPA and state drinking water regulations. During 2015 the following tests were performed to identify possible contaminants in our system:

- X 81 coliform bacteria tests - all were coliform free.
- X 1 Nitrate plus Nitrite test - result was within EPA guidelines.
- X 10 tests on the water from our customers' homes to determine the possible presence of lead and copper leaching out of the faucets and fixtures - results were within EPA standards.
- X Tests to determine the possible presence of 10 disinfection byproducts in our distribution system. - results were within EPA guidelines.

The following table lists the contaminants detected during recent testing. Some of the data in this table may be more than one year old, since certain chemical contaminants are monitored less than once per year.

Regulated Contaminants

CONTAMINANT	VIOLATION Y/N	SAMPLE DATE	HIGHEST LEVEL DETECTED	UNIT MEASURE-MENT	MCLG	MCL	LIKELY SOURCE OF CONTAMINATION
Alpha Emitters	N	9-12-11	4.5 +/- 1.9	pCi/L	0	15	Erosion of natural deposits
Copper	N	7-7-15	90 th % is 0.83	ppm	1.3	AL= 1.3	Corrosion of Household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
Fluoride	N	2-6-14	0.25	ppm	4	4	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Lead	N	7-7-15	90 th % is 2	ppb	0	AL= 15	Corrosion of Household plumbing; Erosion of natural deposits
Nitrate + Nitrite	N	9-21-15	0.13	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Selenium	N	2-6-14	2	ppb	50	50	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines.
Total Haloacetic Acids (HAA's)	N	8-4-15	16	ppb	0	60	By product of drinking water chlorination
Total Trihalomethanes (TTHM)	N	8-4-15	41	ppb	0	80	By product of drinking water chlorination

DEFINITIONS:

MCL - Maximum Contaminant Level - The "Maximum Allowed" is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

MCLG - Maximum Contaminant Level Goal - The "Goal" is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

PPM - Parts per million or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

PPB - Parts per billion or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

AL - Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

pCi/L - Pico Curies per Liter - a very small unit of measurement of radioactivity.

What does this table tell us?

As you can see our system had no MCL violations. MCL's are set at very stringent levels. To understand the possible health effects of exceeding the MCL, a person would have to drink two liters of water every day at the MCL for a lifetime to have a one in a million chance of having any adverse health effects. Although we have learned through our monitoring and testing that some constituents have been detected, the EPA has determined that your water IS SAFE at these levels.

All sources of drinking water are subject to potential contamination by contaminants that are naturally occurring or man made. Those contaminants can be microbes, organic or inorganic chemicals, or radioactive materials. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791, or online at www.epa.gov/safewater.

Lead in drinking water comes primarily from materials and components of the service lines and home plumbing systems. It is possible that lead levels at your home may be higher than other homes in the community as a result of materials used in your home's plumbing. Our water system is responsible for providing high quality drinking water, but we cannot control the variety of materials used in private home plumbing systems. If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested by a certified laboratory like the one we send our samples to (Montana Environmental Laboratory, 406-755-2131). When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap until the water temperature has stabilized (usually for 30 seconds to 2 minutes) before you use the water for drinking or cooking. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure to lead is available from the Safe Drinking Water Hotline 1-800-426-4791, or online at www.epa.gov/safewater/lead.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline, or online at www.epa.gov/safewater.

In 2007 Montana Rural Water Systems completed a source water protection plan for our system. This report provides additional information on the potential vulnerability of our wells to contamination. This report is available for review from Scott Decker. It is also available online at http://mslapps.mt.gov/Geographic_Information/Data/SourceWaterProtectionProgram/. The report can be summarized in the following table:

Significant Potential Contaminant Sources

Source	Contaminant	Hazard Rating	Barriers	Susceptibility	Management
Septic Systems (Marias)	Sewage, Nitrate, Nitrite, Pathogens	Low	None	Low	Growth management
Cultivated Cropland (Marias)	Pesticides and Nitrate	Moderate	Dilution, clay soils	Moderate	Best management practices

We have been working hard to improve our water. The Hill County Water District is committed to providing our customers with safe, pure water. Thank you for reviewing this report.

Prepared by Montana Environmental Lab, LLC 2/16