

**Village of Millbrook
Board of Trustees
Minutes March 22, 2011**

Call to Order by Mayor Hurley at 7:02 p.m.

Pledge of Allegiance led by Mayor Hurley

In Attendance-Mayor Hurley, Trustee Morse, Trustee Cox, Trustee Whalen, Trustee Spagnola, Rebecca Valk, attorney and Clerk Linda Wiltse

De Bonis Property Restoration Settlement-Mayor Hurley stated the agreement with the De Bonis' was signed today for a total of \$90,000 to completely restore their property to as close to the original condition and prior appearance as possible. She added that the Board was satisfied that the Village and the De Bonis' are in agreement.

Announcement Special Meeting Town of Washington Hall April 25th 7:00 pm-Assemblyman Marcus Molinaro has invited both the Town of Washington and the Village of Millbrook Boards to listen to him speak on the impact of NYS mandated on these municipalities.

Millbrook Fire Dept- Matthew Rochfort-

Annual Carnival and Parade Dates-Matthew asked for permission to use the Thorne Building from July 6th -9th with set up taking place the Friday before. He added that MAG has approved their schedule so there is no conflict with their concerts at the band shell. The Board approved. Matthew also stated the parade is on Saturday and they currently have 12 companies attending the parade and this number will go up. 20 more invitations were sent out this year than previous years.

Rescue Squad Appreciation Dinner-Mayor Hurley stated that she attended the appreciation dinner last Saturday for the rescue squad members. Joan Van Tassell celebrated 46 years of service and Allen Meyer had 30 years of service. There were 28 participating members this year. All together there was 150 years of service. See the attached.

Annual Report to Town of Washington-On April 14, 2011 Matthew Rochfort, Chief Ted Bownas and Liz Baldwin will present prior years events and calls responded to. They will also discuss issues before the fire dept. and rescue squad.

Penflex Service Credits-Mayor Hurley stated the Village Board approved for posting a month ago a list of members having sufficient hours of service to be included in the retirement system also known as LOSAP. The Mayor read the 2010 Sponsor Authorization Form. See the attached.

This form is to be signed by the Mayor of the Village of Millbrook after the 2010 firefighter service listing has been posted for at least 30 days, as certified by the completion of the 2010 Fire Department Posting Certification Form. I hereby authorize Penflex, Inc. to use the data herein submitted about active volunteer firefighter Service Award Program 2010 records. I understand this data will be used to determine the funding requirements of the Service Award Program, the eligibility of persons to be paid Service Award Program cash benefits, and the amount of benefits to be paid to such persons. Mayor Hurley requested a motion to sign the Authorization Form. Trustee Cox made a motion to give the Mayor authorization to sign and Trustee Whalen seconded. All were in favor. Mayor Hurley ended by stating the Village's appreciation of their service and commitment.

Village Water Committee Presentation-Mayor Hurley stated the Committee has worked on one task of a back-up water source and has focused on an aquifer identification program.

Trustee Morse began the presentation of

Report #1 to the Village of Millbrook Board of Trustees

Trustee Morse stated that one small portion about \$20,000 was used to look into the expansion of supply to more users of water in the Shared Services Grant. The Committee had 4 targets of expansion to Nine Partners Lane, the former Bennett College, and a build out of the Village and the Dutchess County Infirmary and a fifth piece.

Why a water committee at this time?

Trustee Morse explained the basic needs include air, food, water and shelter. He also gave a history of why the Village sought a water supply due to a fire on Church Street that spread to buildings on Franklin Ave back more than 80 years ago.

Outgrown of emergency preparedness project

Recognition of importance and fragility of our water

We live in a different world

We have sole sourced our Village Water Supply

Briefing #1

Status of Committee work

Need for hydrogeologist service

What to do when the back-up aquifer is identified?

Committee members were listed

Skills

Mayor Hurley industry

Military command

Environmentalist

Geology major

Agronomist

Earth science teacher

Water management team, VRI
Ph D water scientist

WORK SCOPE

Data collection
Identify back-up aquifer
Concerns outside Village of Millbrook
Public education

Activities

Monthly meetings
Sub-committee meetings
Field trips
Data collection
Guest speakers
Consultants

Data

Handout packet

What would we do if we had an emergency today?

Scott Osborne stated that first the Village would want to identify what the problem is. They would need to notify the Village and VRI administrators, shut any valves and isolate the contamination. Scott added they will notify the appropriate regulatory agencies. Trucking in water would be an option. The Village can pump into the existing tank or they could set up tanker trucks throughout the Village for residents to fill up at with jugs. The cost would be about \$9,000 per day. The Durkin Company is out of Brewster and they are currently used by VRI and they chlorinate the water before distribution. This would equal about 33 trucks per day which they are not sure is feasible. Scott stated that at the infiltration gallery there is no way to isolate a contamination. All of the pipes are tied into the building. A soluble or not soluble contamination would affect the amount of time for the contamination to be removed from the Village's water source.

Trustee Morse discussed the possible threats to our Village water system.

Regional

Earthquake
Storms/hurricanes
Power outage
Influx of people

Local

Tornado
Contamination
Drought

Fire

A “911” event

Trustee Morse referred the Board to an article in the Poughkeepsie Journal on a nuclear evacuation possible within a 50 mile radius. The Village is just outside this 50 mile radius.

What to do with a back-up aquifer? Village Board options

Aquifer sub-committee

Howard Schuman, Frank Genova, Scott Tumblety, Emma Rosi-Marshall are the members. Howard Schuman, Scott Osborne and Kayel Conklin from VRI as well as Greg Bolner from Clark Patterson and Lee also were of great assistance on this sub-committee.

Identifying a back-up aquifer

Definitions and aquifer maps

Howard stated the Village does have water but if we expand the Village will lose their safety margin. He added there is no crisis currently and the Village has more water than their current needs. Mayor Hurley asked about the current aquifer and where the Village owned property boundaries are located. Howard answered that it is quite large. Howard stated there is a plan in place but not formal plan that is in writing. What is the most likely problem the Village may face?

Trustee Whalen asked about the current aquifer and if any others have any infrastructure in place. Howard responded that only #1 on the map has any infrastructure. He went on to say one point of value is the aquifer gradual increase of use or contamination is the most likely issues the Village may face.

What does the Board want to do with this information?

Howard stated they may want to consider that if they put another aquifer online they will have a much larger system to contend with and a much larger system to monitor. Supervisor Prisco asked about the first 3 numbers on the map. Howard stated the sub-committee debated whether to look at engineering costs first or to look for a hydrogeologist. He added they can supplement in these other 2 locations if the Village needs to. He gave the example of the aquifer is like a pale filled with gravel and water enters the spaces between the gravel and you use a straw to draw the water out.

Mayor Hurley asked how this differed from ground water. Howard answered an aquifer is an area where large amounts of water accumulate. A second type of aquifer is deep underground where cracks exist for example at Bennett College is this type of aquifer. He added that all aquifers are underground. Howard pointed out zone 1 areas are deep purple on the map and these areas are most easily contaminated and are recharged mainly

by rain. Zone 2 is a shade lighter of purple on the map which is the secondary recharge area and at a slightly higher elevation. This zone is very important. Zone 3 is the lightest shade of purple and is the largest area where streams pick up water and drain into the aquifer area. Our search has narrowed down to these particular areas. Trustee Morse stated the depths of aquifers and the recharge rates are unknown. He added that quality is also unknown.

Activities

Monthly meetings

GIS mapping

9 water locations

8 potential back-ups

Cost elements

Howard stated the pipe in reference to the costs is a rough estimate to give the Board an idea of costs. The quality of the water must be tested as well as the recharge and flow rates must be determined and this is where a hydrogeologist would be of service. He added that Committee members are not qualified to make these determinations. The cost of pipe is roughly distance related. Mayor Hurley asked where is the transfer station in the Town of Washington is located in relation to the water source currently. Howard pointed out the location on the map provided. Frank stated that the location of ridges will affect the amount of rain that is collected in the different aquifers. The source would need a pumping station and the building costs differ due to the distance from the Village. He also added that land purchases were not included in the cost estimates. A hydrogeologist would refine the cost estimates.

Howard referred to a handout on a matrix begun by the sub-committee. The first one is by the sub-committee which is incomplete due to lack of expertise and one is by VRI which is smaller and less detailed.

What does the Village want to use the second aquifer for?

Back-up aquifer criteria

Aquifer matrix

Costs-Hydrology study, quantities and recharge rates

Best back-up criteria

Zone 1 areas

Potential costs

Volumes of water

Recharge rates

Hydrology study

Frank recommended Russell Urban Mead as a hydrogeologist.

To do

Acquire hydrogeologist service
Pick sites for study
Determine water quantities
Determine recharge rates
Make back-up selection

Christine Bates asked about the size of the current aquifer in use. Howard responded that it is roughly the size of the Village of Millbrook. Mayor Hurley asked about the area between the aquifers labeled 1 and 5. Frank stated that it was never a natural recharge aquifer site. Supervisor Prisco asked about the grant money for this research. The Mayor answered that the grant funding covered a portion but now we are at the end of the grant funding for this research.

Howard stated the Board needs to determine what they want to do on a practical basis.

Trustee Morse took over the presentation at this point.

Village board options

A range of activity
“Least to most”
How far to go?
Key criterion: Money!

Options

Least: put study on shelf
Most: second fully operational aquifer

Steps

Finish study
Pick back-up aquifer
Select a site
Acquire access
Sink a well
Install “station”
Study land connection
Select contractor
Connect system
Implement system

Mayor Hurley asked if the Committee agreed to fully implement a water system. Howard stated the Committee responses are all over the place, from okay as we are if we are careful, to go to full implementation. Frank stated a long term or short term emergency would affect the Village’s response to the water supply.

Committee: next steps

Complete hydrology study
Reports to the Board of Trustees
Follow directions of the board
Plays into the Comprehensive Plan

Mayor Hurley questioned if the Village has a high percentage of water loss. Howard stated that at a prior Water Committee meeting Ken Scherrieble stated that a normal water loss is about 10%. They found leaks in the Village system which was fixed. He added that the billing cycles and the pumping cycles did not match up making it difficult to compare them so the Committee used approximate numbers which showed a less than 10% loss.

Frank stated another underlying problem that the Village must address is the annual problem due to the volume of usage during every summer. There are wide fluctuations in usage. The types of usage in the Village are critical, casual and luxury. The critical is the elderly or nursing home and the luxury could be a spa for example. He added that the Village cannot restrict water to restaurants. This information is extremely significant. Howard stated the water galleries get lower in the summer and the Village asks residents to restrict water usage to give the water galleries a chance to recover.

Andrew Ciferri stated the Village added another 3 galleries on the south side of the stream about 12 years ago and they may have yielded another 50 gallons per minute. He added that this information should be available at the NYS DEC since Chazen did the study previously. Mayor Hurley stated the key was the Shared Services Grant and the GIS system which will enable the Village to record this information faster. Trustee Spagnola asked Scott if there was no contingency on either pump. Scott answered there is no space since it is very tight and there is no room for a valve to be put in on the suction side. Andrew Ciferri stated the main pipes come into the collector basin and there are no pipes off of those pipes. They must dig outside of the collector basin or have a secondary pump installed. They could put in a valve on the discharge side of the collector basin. Frank stated his concerns over NYS Route 343 and NYS Route 44 near the Village water source. Frank gave another example of possible contaminations that could occur such as an oil truck overturning on either one of these roads.

Mayor Hurley asked Supervisor Prisco if the Town of Washington Board would be interested in this information. She answered that if the Board sits down with the Committee then the Town of Washington Board would like to attend and be invited. Supervisor Prisco asked Trustee Morse for copies of packets given to the Village Board members for the Town of Washington Board members to review.

Supervisor Prisco inquired about the Village Board negotiating with the Dutchess County Infirmary on the water and sewer contract expiring later this year. Mayor Hurley stated the main focus is on current use only for this contract.

Public Participation-Mayor Hurley informed Andrew Ciferri that she is still searching for the deeds he was interested in looking at.

Septic Pumping/Water Pump Replacement Policy Discussion-Mayor Hurley stated there is a policy in place where the Village will replace water pumps once every 10 years and pump septic systems once every 5 years. She added she is asking the Board to review this policy in the near future. She went on to state she wants to let residents affected by this issue know when discussions will take place so they can give their input. By taking on the pumping of septic systems the Village is taking on a huge liability. Also in reference to water pumps replacement, lighting or tanks not being monitored is not taken under consideration. The Water Committee under the grant work has identified those who don't have water, sewer or both and those who do not have sewer pay 30% of their assessment toward SBA on the Village tax bills.

Temporary Sign Request-The Mayor was sent a request on March 17, 2011 to post two small temporary signs on Elm Drive from Deb Fargione. She would post them on her personal property so as not to distract drivers but that they could clearly read. Mayor Hurley stated this sign request is not addressed in the Village Code. She has contacted the Village Code Enforcement Officer, Ken McLaughlin who recommended the Village Board ask the Village Planning Board for their input. She in turn asked for the Board's input. The Mayor added that the Board can issue permission with a caveat that if complaints are received the sign will have to come down and it can only be displayed if she sees signs that the birds are nesting. Trustee Cox raised his concerns about the sign creating a hazard or obstructing view for traffic. He added he wants the sign located on private property. The Mayor indicated Deb's request stated it would be located on her personal property. All were in favor of the sign being posted. Rebecca Valk suggested putting on the sign back approval of the Village Board displayed.

CRISP Home Show Request-Mayor Hurley stated that CRISP Architects has requested on September 21st to the 24th to set up on the band shell grounds for an annual home show. All were in favor of a \$250 charge to cover the costs incurred by the Village and the Board wants to encourage activity in the Village.

Girl Scouts Request for Bake Sale-Mayor Hurley read a letter from Ruth Greene, the co-leader of Brownie Troop 10466, requesting permission to hold a bake sale in the Village of Millbrook on May 7th. The Mayor recommended approval and acknowledged it is nice to be asked and informed. Trustee Morse added that anyone can send for \$42 a case of cookies to troops in Afghanistan.

VFW Handicap Access Ramp-Mayor Hurley read a letter received from the Commander VFW Post 9008, Lonn E. Moore. In this letter he requested the Village's assistance in installing a handicap ramp or an internal stair chair in the building they are renting from the Village of Millbrook. The Mayor stated that the Dutchess County Community Development Block Grant could be applied for to build the handicap accessibility. Trustee Morse stated he received a message that the Village would do the

work and apply for the grant for them. He added that this is not necessarily the case. The Village can assist but there is some confusion as to the application process for this grant.

Trustee Comments-no further comments

Upcoming Meetings:

Budget Workshops March 28th, April 4th, April 11 for the Fire Dept. and the Town of Washington is invited

Regular Board April 12th

Town Board April 14th-Fire Officials to attend

April 25th Joint with Town and Assemblyman Marcus Molinaro

Mayor Hurley stated that the Dutchess County Cooperative Extension and Dutchess County Government legislature Mike Kelsey send interesting correspondence to offer seminars and keep the Village posted on issues under discussion.

Audit of bills

Adjourned at 9:45 p.m.with a motion made by Trustee Morse. The motion was seconded by Trustee Cox. All were in favor.

Respectfully submitted,

Linda T. Wiltse
Village of Millbrook
Clerk/Treasurer

Village of Millbrook
Wastewater Treatment Plant Operations Report
March 2011

	December	January	February
Total Monthly Precipitation (Snow/Rain)	3"r & 20"	27"sn	1.6"sn
Total Effluent Flow (gallons)	6,714,400	5,614,600	6,898,100
Average Daily Flow (gallons)	217,000	181,000	246,000
SPDES Laboratory Permit Samples (mg/L)			
BOD ₅	<4	<4	<4
Percent Removal	98%	98%	98%
Total Suspended Solids	<1.0	<1.0	<1.0
Percent Removal	99%	98%	98%
TKN as N	1.7	<1	<1
Fecal Coliform	<20	<20	<20

Discharge Limits BOD₅ = 15.0, Total Suspended Solids = 15.0, Total Kjeldahl Nitrogen (TKN) =8.0, Coliform = 200 *exceeds limits

Operator Notations

1. Performed monthly maintenance and sampling.
2. EarthCare hauled 24,000 gallons of sludge
3. Checked sewer backup at 10 Front Street. Problem was in lateral
4. Lash beginning work on sewer mains

**Village of Millbrook
Water Treatment Plant Operations Report
March 2011**

	December	January	February
Total Water Produced (gallons)	5,705,000	6,645,000	6,005,000
Average Daily Flow (gallons)	184,000	214,400	214,500

Laboratory Samples Taken

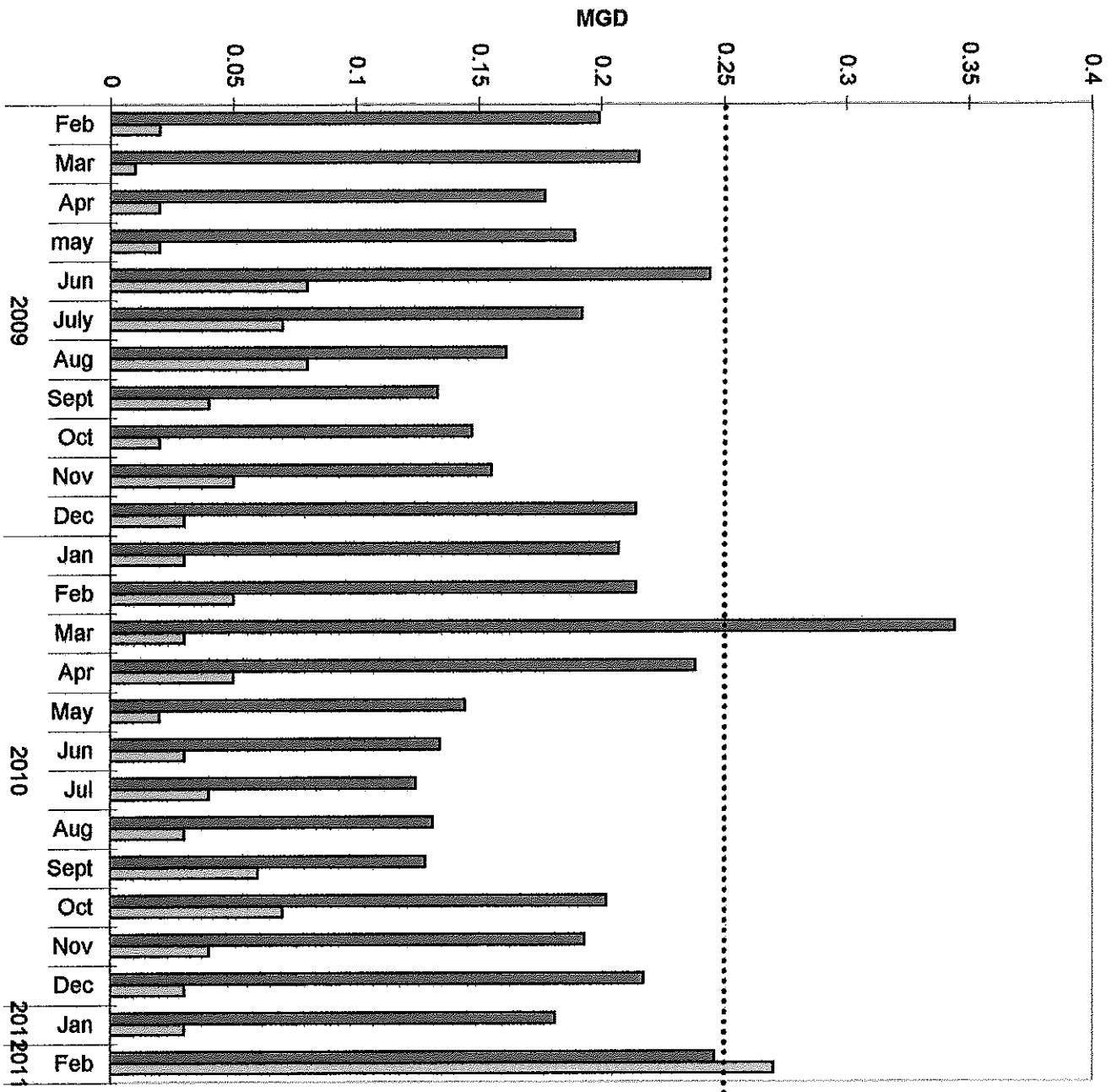
Total Coliform	Absent	Absent	Absent
Coliform Detected	0	0	0

Special Samples

Operators Notations

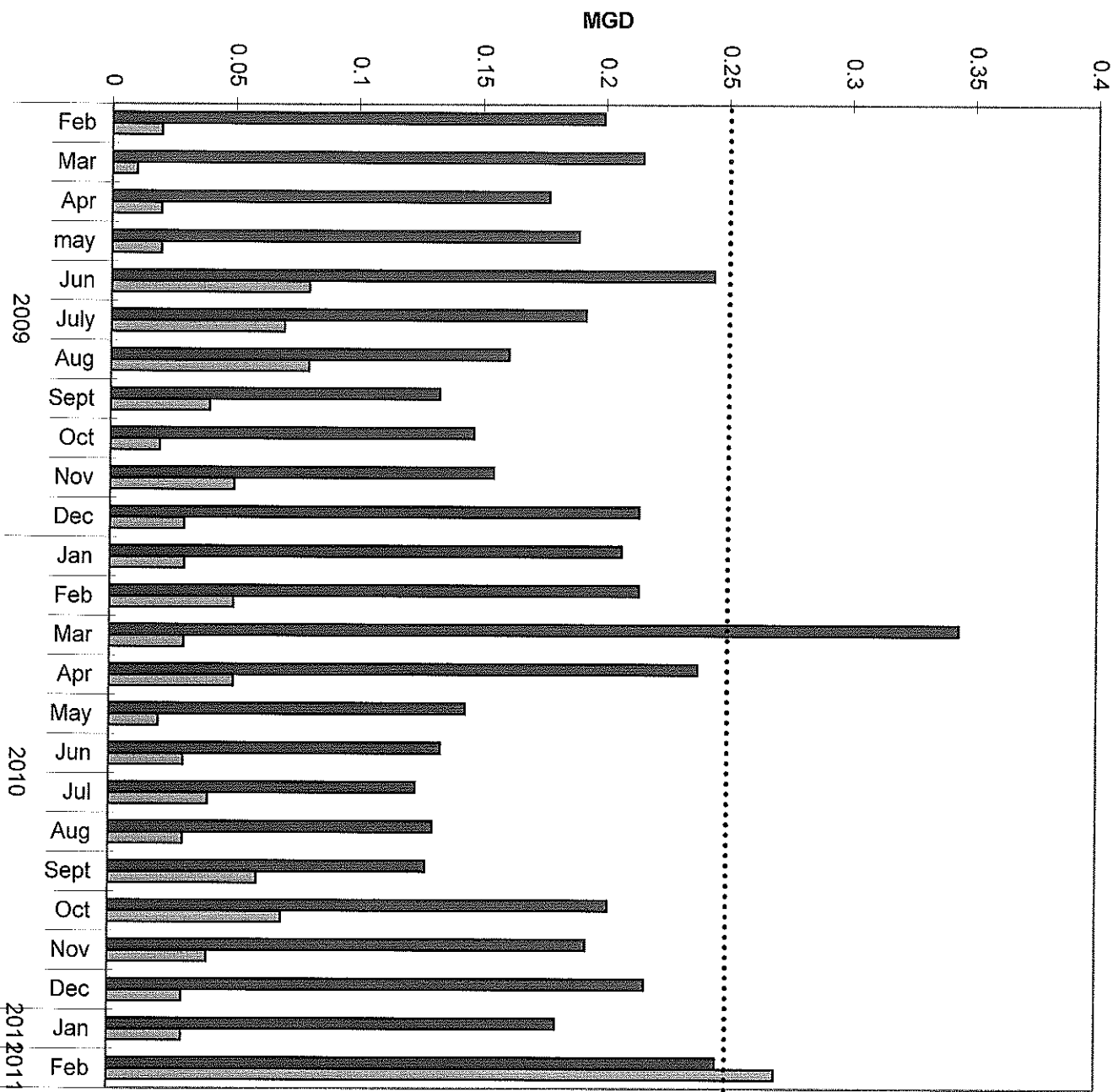
- 1 Performed monthly maintenance.
- 2 Turned on water at 24 Merritt Ave.

Two Year Monthly Flow



■ Flow □ Rainfall

Two Year Monthly Flow



Flow
 Rainfall