

**Town of Millbury
Sewer Commission Meeting**

RECEIVED
TOWN CLERK
14 SEP 23 PM 6:04
MILLBURY, MASS.

June 24, 2014

Meeting called to order at 5:05 PM

Present: Members: Gary Nelson, Jeff Murawski
Secretary Cindy Allard
Absent: Happy Erickson, DPW Director Rob McNeil

Minutes: Jeff approved minutes as written for the meeting of April 8 & 22, 2014, 2nd by Happy, all in favor.

Reorganization: postponed till next meeting.

Operations: Brief Discussion on the flow data, tracking is good (see attached).
Electric Scanning Project still on track.

On-Site Engineering: Ray Willis into meeting at 5:10pm, Ray had discussion on the new Rules and Regulations from DEP also a list of the project/pump station he has been working on(see attachment). Ray left at 5:22 pm.

Invoices: signed.

Betterments: update attached.

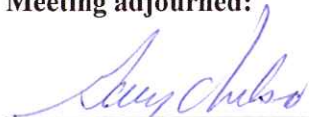
8 Ward Ave: comments sent to planning for their upcoming permit.

Sewer Connections: 10 Memorial Dr. emergency repair, verbal by Gary
106 Wheelock Ave. after looking at permit, Commissioners need to find out if the trench is water and sewer or just sewer. Hold for next meeting.

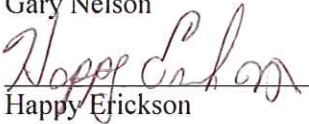
Regular meeting: 7/8/14 & 7/22/14

Rules and Regulation Meeting: 06/23/2014, at 5:00 PM.

Meeting adjourned: at 5:36 PM.



Gary Nelson



Happy Erickson

Jeff Murawski



Town of Millbury DEPARTMENT OF PUBLIC WORKS

MUNICIPAL OFFICE BUILDING

127 Elm Street · MILLBURY, MA 01527-0632

Tel. 508-865-9143 · Fax: 508-865-0843

ROBERT D. McNEIL, III, P.E., Director

rmcneil@townofmillbury.net

Sewer Division
Annual/Monthly Flow Report
2014

REVISED: March 10, 2014
REVISED BY: R. McNeil

Month	Total Flow (MG)	Sutton Flow (MG)	Millbury Flow (MG)	Sutton % of Total Flow
January	37.377	4.901	32.476	13.11%
February	29.310	4.028	25.282	13.74%
March	43.242	5.629	37.613	13.02%
3rd Qtr. Totals =	109.929	14.558	95.371	13.24%
April	50.773	5.799	44.974	11.42%
May	41.855	5.343	36.512	12.77%
June				#DIV/0!
4th Qtr. Totals =	92.628	11.142	81.486	12.03%
July				#DIV/0!
August				#DIV/0!
September				#DIV/0!
1st Qtr. Totals =	0.000	0.000	0.000	#DIV/0!
October				#DIV/0!
November				#DIV/0!
December				#DIV/0!
2nd Qtr. Totals =	0.000	0.000	0.000	#DIV/0!
Year Totals =	202.557	25.700	176.857	12.69%

Note: Flow data generated from actual calibrated meter readings at the Millbury and Sutton Sewer Facilities.
Total Flow data is measured at the Millbury Sewer Plant's Parshall Flume meter.
Sutton Flow data is generated from actual calibrated meter readings from the Sutton Pump Station taken at the Millbury Sewer Plant.
Millbury Flow data calculated by subtracting Sutton Flow data from Total Flow data.

Millbury Sewer Pump Station
 131 Providence Street
 Millbury, MA 01527

Annual/Monthly Sewer Flow Data Report
 May 2014

Day	Total Flow (MG)	Sutton Flow (MG)	Millbury Flow (MG)	Temp. (°F)	Precipitation (inches)
1	1.908	0.216	1.692	44	0.06
2	1.661	0.191	1.470	50	0
3	1.664	0.194	1.470	46	0
4	1.625	0.201	1.424	60	0
5	1.564	0.188	1.376	52	0
6	1.423	0.184	1.239	50	0
7	1.398	0.183	1.215	43	0
8	1.404	0.181	1.223	48	0
9	1.436	0.174	1.262	57	0.03
10	1.418	0.183	1.235	63	0.1
11	1.325	0.183	1.142	60	0
12	1.308	0.171	1.137	57	0
13	1.312	0.172	1.140	53	0
14	1.296	0.172	1.124	49	0
15	1.271	0.166	1.105	62	0
16	1.331	0.167	1.164	65	0.81
17	1.355	0.178	1.177	61	0
18	1.312	0.178	1.134	55	0
19	1.252	0.163	1.089	56	0
20	1.231	0.168	1.063	60	0
21	1.284	0.162	1.122	53	0
22	1.307	0.161	1.146	55	0.33
23	1.329	0.158	1.171	56	0.06
24	1.231	0.161	1.070	54	0.1
25	1.155	0.147	1.008	54	0.03
26	1.191	0.165	1.026	59	0.01
27	1.179	0.158	1.021	65	0.24
28	1.228	0.156	1.072	50	0.05
29	1.166	0.157	1.009	44	0
30	1.108	0.147	0.961	51	0.2
31	1.183	0.158	1.025	53	0

Day	Total Flow (MG)	Sutton Flow (MG)	Millbury Flow (MG)	Temp. (°F)	Precipitation (inches)
Total =	41.855	5.343	36.512	1685	2.02
Average Daily =	1.350	0.172	1.178	54.355	0.065
High =	1.908	0.216	1.692	65	0.81
Low =	1.108	0.147	0.961	43	0

Note: All data readings taken by staff at 7:00 AM daily

**Board of Sewer Commissioners
Town of Millbury
Project Update
June 24, 2014**

Millbury Pump Station Project

- Met with National Grid on June 11, 2014 regarding Elm Court.
- Bid/Construction ready drawings, contract documents and specifications to be submitted to Town on June 30, 2014.
- Amendment to contract to include design of force main design for Elmwood Street pump station.
- Filing of Notice of Intents for Elm Court, Elmwood Street and Warren Street on June 30, 2014.

Casa Verde Subdivision Review

- Knollwood Circle Pump Station review submitted on April 3, 2014.
- Completed review of the Casa Verde Villages Subdivision drawings on June 12, 2014. Included a review of Development's sewage collection system and sewer capacity analysis from site to Knollwood Circle Pump Station.

Route 146 Overpass

- Submitted drawings and specifications to MassHighway on March 12, 2014
- GPI received comments from MassHighway on June 20, 2014, however have not reviewed comments at this time.

Cobblestone Village Review

- Received notice to proceed to review proposed site development drawings related to the sewage collection system.

Summary of Revisions
314 CMR 12.00
Operation and Maintenance
& Pretreatment Standards

New Regulations

314 CMR 7.00 – Sewer Use Rules and Regulations

- MassDEP will be the approving authority for all Industrial connections greater than 25,000 gpd to a Publicly Owned Treatment Works (POTW) without an approved Industrial Pretreatment Program (IPP) for SIC codes listed in Regulations.
- MassDEP retained authority to require a permit if determined that discharge will cause water quality issues or pass through treatment facility.
- Discharge limits included to address prohibitions in 12.08(1) and (2) including provisions to control fats, oil and greases (FOG).
- Regulations now include provisions that specifically prohibit stormwater, groundwater, subsurface drainage, and surface water from a sewage collection system.
- Regulations give authority to access property connected to sewer to ensure compliance.
- Regulations give authority for municipalities to address non-compliance.
- **Local sewer authority to permit and approve connections and extensions.**
- Regulations indicate that information to be submitted to MassDEP upon request.

Bypass and Overflow Reporting

- New definition for "bypass" is the intention or unintentional diversion of waste from any portion of a treatment works.
- Any bypasses/overflows will require completing a MassDEP reporting form.
- For anticipated bypass 10 days prior notification to MassDEP is required.
- For unanticipated bypass, notification to MassDEP within 24 hours of bypass is required.
- Provide information to MassDEP within 5 days regarding the cause of bypass event, measures taken to minimize event, and to prevent reoccurrence.

Infiltration/Inflow (I/I)

- Municipalities to develop and implement an ongoing I/I plan that provides
 - **Program to identify and eliminate I/I sources**
 - Focus on disconnection and redirection of public and private illegal inflow sources
 - **Adequate funding for implementation**
- **By December 2017, municipalities must complete I/I analysis and sewer system evaluation study with recommendations and schedule to address excessive I/I**
 - MassDEP's Guidelines for performing I/I analysis and sewer systems evaluation survey are being updated.
 - Evaluation must assess the risk of sanitary sewer overflows on the 5 year 24 hour storm

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<u>STREET</u>	<u>OWNER</u>	<u>AMT BILLED</u>	<u>AMT PAID</u>	<u>DATE</u>	<u>APPORTIONED</u>
18 ACKRMAN RD	DUPREY, CHRISTIAN & MICHELLE	\$5000	\$5000	5/13/2014	
7 DIANA HILL DR	CHAVOOR, JASON & NATASHA	\$5000	\$5000	5/21/2014	
17 IRENE CT	ABRAHAM, JOHN & ANNIE TRUSTEES	\$5000	\$0		20 YEARS
19 IRENE CT	CAEFER, WILLIAM TRSTEE	\$5000	\$5000	5/8/2014	
22 IRENE CT	HINES, JEREMY	\$5000	\$0		20 YEARS
2 LUIKEY WAY	SHERWOOD, BRADLEY	\$5000	\$0		2 YEARS
2 A-B MAYFAIR	COMEAU, ELIZABETH	\$2500	\$500		4 YEARS

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