

4 Turkey Hill Road
Newtown, CT 06470
Tel (203) 270-4300
Fax (203) 426-9968



Fred Hurley,
Director

TOWN OF NEWTOWN
WATER AND SEWER AUTHORITY

Marianne Brown,
Chairman
Richard Zang
Louis Carbone
George Hill
Alan Shepard
Eugene Vetrano
Carl Zencey

THESE MINUTES ARE SUBJECT TO APPROVAL BY THE WATER AND SEWER AUTHORITY

The Water and Sewer Authority a regular meeting on July 13, 2017 at the Wasterwater Treatment Plant, 24 Commerce Road, Newtown, CT. Dick Zang called the meeting to order at 7:00pm.

Present: Lou Carbone, Dick Zang, Alan Shepard

Absent: Gene Vetrano, Carl Zencey, Marianne Brown, George Hill

Also Present: Director of Public Work Fred Hurley and one member of the press

Public Participation – None

Approval of the Minutes – Discussion was tabled – no quorum

UNFINISHED BUSINESS

Hawleyville Sewer Extension – Fred Hurely reported that 119 Mt. Pleasant was originally in the sewer extension but opted out. There has been a restructuring of the partnership and now they want to be in. Before the next meeting, the chairman can set a public hearing for the benefit assessment. Our standard would be 90% of the appraised and they will take that up at the August meeting.

Public Works has started to work on the punch list for items that the vendor has not completed. Dick Zang asked for an asbuilt that is 11 x 17 for their members.

Set Sewer Benefit Assessment for 12 Church Hill Road – There was a benefit analysis for 12 Church Hill which has no material difference. The question is if the WSA wants apply the amount paid from their old building, which will be demolished, to the new building.

Sandy Hook Pump Station and Available System Capacity – They have the report from Fuss & O'Neill and are now waiting on pump costs. Dick Zang suggested letting other commissions know that this work was going to be happening in the event that they may have another project that may tie into it.

NEW BUSINESS

Committee Reports – None

Report by Suez Water Environmental Services – Attached

Report by Public Director – 79 Church Hill Road is several weeks for them to finish their prints and application. A joint meeting with P&Z was discussed but it was more favorable to have a WSA representative at the P&Z meeting.

Having no further business, the meeting was adjourned at 7:25pm

Respectfully Submitted,
Arlene Miles, Clerk

Newtown Water and Sewer
Monthly Flow Summary

June 2017	Sandy Hook PS		Taunton Lake PS		Baldwin PS		Hawleyville PS		Hanover PS	
	Flow Total (Gal)		Flow Total (Gal)		Flow Total (Gal)		Flow Total (Gal)		Flow Total (Gal)	
1	68,901		19,700		3,241		30,820		8,166	
2	67,763		17,302		2,802		30,559		9,165	
3	59,564		17,303		2,543		28,538		9,826	
4	57,933		18,836		3,703		26,069		10,790	
5	65,994		17,233		3,231		30,320		10,790	
6	69,745		18,243		3,075		29,198		6,651	
7	66,659		20,613		3,232		30,198		6,651	
8	78,431		20,611		3,250		28,869		9,989	
9	138,696		18,275		3,149		28,643		9,159	
10	110,934		18,834		3,689		28,486		10,634	
11	60,275		16,434		3,829		28,382		11,974	
12	87,627		14,030		3,239		30,904		9,182	
13	63,125		14,940		3,598		30,184		9,886	
14	60,472		12,415		3,715		31,296		9,796	
15	60,750		13,241		3,476		30,765		9,463	
16	59,086		16,498		3,573		32,693		10,302	
17	59,578		13,998		3,282		30,838		10,492	
18	58,755		13,183		3,028		30,017		10,160	
19	62,404		12,429		3,240		34,354		10,304	
20	64,398		11,732		3,364		32,571		10,684	
21	64,301		13,204		3,722		31,817		10,563	
22	59,532		10,819		4,202		31,404		9,461	
23	58,201		12,596		2,672		34,519		9,826	
24	57,672		12,360		3,469		31,413		11,158	
25	56,133		13,995		3,966		29,823		10,293	
26	61,390		12,358		3,226		32,614		9,467	
27	60,191		11,240		3,113		30,118		8,691	
28	62,816		11,599		3,027		30,241		9,222	
29	60,404		11,470		3,248		28,912		9,820	
30	61,675		12,359		2,799		30,981		9,545	
31										
Min	56,133		10,819		2,543		26,069		6,651	
Max	138,696		20,613		4,202		34,519		11,974	
Ave	67,447		14,928		3,323		30,518		9,737	
Total	2,023,405		447,848		99,704		915,542		292,111	

Newtown Water and Sewer
Monthly Flow Summary

June 2017	Pump Stations		Fairfield Hills		Combined Remote		WWTP Influent		Gravity Flow		Rain Fall (inch)	
	Flow Total (Gal)		Flow Total (Gal)		Flow Total (Gal)		Flow Total (Gal)		Flow Total (Gal)		Annual	Daily
1	130,828		187,433		318,261		428,165		130,828		1.37	0.22
2	127,592		170,791		298,382		403,682		127,592		1.37	0.00
3	117,772		161,594		279,366		386,006		117,772		1.37	0.00
4	117,330		159,718		277,048		373,548		117,330		1.52	0.15
5	127,567		164,394		291,961		408,879		127,567		1.56	0.04
6	126,911		163,088		289,999		423,484		126,911		1.75	0.19
7	127,351		163,878		291,230		395,186		127,351		1.75	0.00
8	141,150		159,033		300,183		458,673		141,150		1.75	0.00
9	197,922		172,682		370,603		486,463		197,922		1.75	0.00
10	172,577		157,394		329,971		397,337		172,577		1.75	0.00
11	120,895		158,284		279,178		328,190		120,895		1.75	0.00
12	144,982		156,452		301,434		340,308		144,982		1.75	0.00
13	121,735		146,709		268,443		324,256		121,735		1.75	0.00
14	117,695		142,769		260,464		324,013		117,695		1.75	0.00
15	117,695		144,900		262,595		340,045		117,695		1.75	0.00
16	122,153		158,850		281,003		380,878		122,153		2.05	0.30
17	118,188		143,017		261,205		342,092		118,188		2.09	0.04
18	115,142		144,180		259,322		318,932		115,142		2.09	0.00
19	122,732		161,679		284,410		354,975		122,732		2.65	0.56
20	122,749		174,519		297,268		360,385		122,749		2.67	0.02
21	123,606		115,210		238,817		352,265		123,606		2.67	0.00
22	115,418		149,395		264,813		337,699		115,418		2.67	0.00
23	117,814		150,762		268,576		336,010		117,814		2.67	0.00
24	116,071		144,007		260,078		321,929		116,071		2.73	0.06
25	114,211		142,051		256,262		324,146		114,211		2.73	0.00
26	119,056		143,303		262,358		332,011		119,056		2.73	0.00
27	113,352		142,532		255,883		339,321		113,352		2.82	0.09
28	116,904		140,903		257,808		337,027		116,904		2.82	0.00
29	113,853		140,162		254,015		334,600		113,853		2.82	0.00
30	117,359		158,688		276,047		372,758		117,359		3.48	0.66
31												
Min	113,352		115,210		238,817		318,932		113,352			0.00
Max	197,922		187,433		370,603		486,463		197,922			0.66
Ave	125,954		153,946		279,900		365,442		125,954			0.08
Total	3,778,611		4,618,374		8,396,986		10,963,262		3,778,611			2.33

Newtown Water and Sewer
Monthly Flow Summary

June 2017	Well House #3		Well House #7		Booster Pumps	
	Flow Total (Gal)		Flow Total (Gal)		Flow Total (Gal)	
1	263		207,068		207,299	
2	271		139,809		140,942	
3	280		128,295		129,490	
4	289		130,628		131,472	
5	298		131,847		132,916	
6	306		128,903		129,956	
7	315		135,188		136,137	
8	324		135,366		136,083	
9	333		160,212		161,448	
10	341		135,941		138,794	
11	350		137,553		136,687	
12	359		142,678		146,641	
13	368		143,185		143,140	
14	376		149,205		148,359	
15	385		141,777		146,118	
16	394		142,505		140,563	
17	403		134,290		135,597	
18	411		128,487		129,536	
19	420		132,708		134,078	
20	19,555		132,273		133,714	
21	0		138,226		139,344	
22	0		134,859		136,003	
23	0		139,238		140,260	
24	0		127,940		128,917	
25	0		134,529		135,714	
26	0		148,841		149,839	
27	0		134,780		136,178	
28	0		142,102		145,404	
29	0		133,963		133,330	
30	0		156,344		157,754	
31						
Min	0		127,940		128,917	
Max	19,555		207,068		207,299	
Ave	868		140,291		141,391	
Total	26,039		4,208,739		4,241,717	

WSA Monthly Report
CT NEWTOWN WWTF
6/1/2017 to 6/30/2017

07/05/2017 02:49:17 PM

Date	Inf Q Total MGD	Inf BOD mg/l	Inf BOD Lbs lbs/day	Inf TSS mg/l	Inf TSS Lbs lbs/day	Inf TN Lbs lbs/day	Inf Alk mg/L	Eff BOD mg/l	Eff TSS mg/l	Eff TN mg/l	Eff TN lbs lbs/day	Eff Alk mg/l mg/L	BOD % Rem %	TSS % Rem %	TN % Rem %
06/01/17	0.420														
06/02/17	0.384														
06/03/17	0.384														
06/04/17	0.384														
06/05/17	0.411														
06/06/17	0.422	185	651	213	749	142	160	1.5	1.1	3.0	10.3	60	99.2	99.5	92.6
06/07/17	0.400														
06/08/17	0.506														
06/09/17	0.387														
06/10/17	0.387														
06/11/17	0.387														
06/12/17	0.341														
06/13/17	0.322	135	363	124	333	102		1.2	0.2	2.7	7.7		99.1	99.8	92.9
06/14/17	0.352														
06/15/17	0.317														
06/16/17	0.346														
06/17/17	0.346														
06/18/17	0.346														
06/19/17	0.371														
06/20/17	0.361	248	747	261	786	123		0.0	0.5	2.6	8.0		100.0	99.8	93.6
06/21/17	0.361														
06/22/17	0.335														
06/23/17	0.325														
06/24/17	0.325														
06/25/17	0.325														
06/26/17	0.344														
06/27/17	0.337			195	548	106			1.4	2.6	7.4			99.3	93.1
06/28/17	0.336														
06/29/17	0.333														
06/30/17	0.348														
Average	0.365	189	587	198	604.000	118.250	160	0.9	0.8	2.7	8.4	60	99.4	99.6	93.1
Total	10.943	568	1,761	793	2,416.993	473.209	160	2.7	3.2	10.9	33.4	60	298.3	398.4	372.2
Minimum	0.317	135	363	124	333.400	101.741	160	0.0	0.2	2.6	7.4	60	99.1	99.3	92.6
Maximum	0.506	248	747	261	786.419	142.225	160	1.5	1.4	3.0	10.3	60	100.0	99.8	93.6