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Fred Hurley,  
*Director*

**TOWN OF NEWTOWN**  
WATER AND SEWER AUTHORITY

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

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

The Water and Sewer Authority held a regular meeting on July 10, 2014 at Town Hall South, 3 Main Street, Newtown, CT. Chairman Brown called the meeting to order at 7:02pm.

**Present:** Dick Zang, Lou Carbone, Marianne Brown, Carl Zencey, George Hill

**Absent:** Gene Vetrano, Alan Shepard

**Also Present:** Director of Public Works Fred Hurley, Jason O'Brien and Julio Segarra of United Water Environmental Service, Attorney Robert Hall and one member of the press

**Public Participation** - None

**Approval of Minutes** – The previously distributed minutes of the regular meeting of 6/12/14 were unanimously approved.

**UNFINISHED BUSINESS**

Establish a Hawleyville Sewer District – Dick Zang moved to table action on establishing a Hawleyville sewer district, Carl Zencey seconded, motion unanimously approved.

*FY 15 Budget* – Fred Hurley did a summary of the sewer and water proposed budgets and rate adjustments (Attachment A).

**NEW BUSINESS**

Increasing Sewer and Water usage fees – Dick Zang moved to recommend increasing the sewer usage fees 7% subject to a public hearing on August 14, 2014. Carl Zencey seconded, motion unanimously approved.

Dick Zang moved to recommend to the Legislative Council that they increase the water usage rates by 8% for the next three years George Hill Seconded. Motion unanimously approved.

*Application of Newtown Mobil for discharge from a car wash* – Attorney Robert Hall represents the Mobil station on Church Hill Road. They would like to put in a self serve car wash on the property. Prior to presenting the proposal to P&Z, they need the State of CT DEEP and the WSA to sign off that there is no problem having the car wash there. The biggest concern would be the nature of the discharge

which is essentially neutral. MSDS sheets were provided for the 5 chemicals that will be used(Attachment B). The amount of water is 40 gallons of per wash. There needs to be a 1000 gallon tank for discharge. They have a state of CT deep general permit in process. The application is filed and if it meets the general permit requirements. Dick Zang moved to tabled approval pending an engineering report. George Hill seconded, motion unanimously approved.

*Committee Reports: SCADA, solar, I&I, Finance, regulations, water supply, collection and distribution systems – None*

*Report by United Water Environmental Services Inc. – A copy of the June monthly operating report is attached (Attachment C). SCADA has been slow but moving along. All the pump stations are up and running but there is still a lot of little things that need to be addressed. There was a slight incident with DOT on Route 302. They clipped a force main line and it has been repaired. There is a tentative date of July 21, for a kick off with Fuss and O’Neil for the water improvement project.*

Jason O’Brien spoke about the contract renewal that was previously approved by the board. The actual contract still needs to be signed. There is no signed agreement from July 1<sup>st</sup>. Dick Zang moved to authorize the chairman to sign the new operating agreement with United Water subject to review by the Town Attorney and board members, Lou Carbone seconded, motion unanimously approved

*Report by Public Works Director – Water supply plan has come back from the state. Julio and Fred had a meeting with CL&P and the electrical contractor for the water improvement project regarding CL&P’s requirement.*

Having no further business, meeting was adjourned at 8:59pm

Arlene Miles, Clerk

Attachment A – Budget summary

Attachment B – Application from Newtown Mobil

Attachment C – United Water Environmental Services Monthly Operating Report

# Attachment A

## 2014 – 2015 Sewer and Water Proposed Budgets and Rate Adjustments

### Starting Fund Balance

The beginning point for this discussion is the existing “net cash fund balance”. The “Sewer Enterprise Fund” has a current unencumbered cash fund balance of approximately \$1,182,397. This number from the latest Trial Balance is made up of four components. First we add Cash Held By Tax Collector (\$18,557), add Investments (\$1,437,355) and add Due From General Fund (\$2,227,485). This totals \$3,683,397. However to get “net cash” we need to subtract the \$2,500,000 bonded for Hawleyville, which leaves a net cash position of \$1,182,397. The \$2.5 Million will eventually be paid by users but represents funds committed elsewhere and can not be considered net funds available to us for operational expenses and/or internal capital improvement.

### Current Sewer Budget Results:

We now have the actual year end revenues for both the Central District which includes Hawleyville and Fairfield Hills. The fourth quarter revenue included \$142,485 from the Borough and \$52,259 from Fairfield Hills. This pushed total 2013 - 2014 operating revenues to \$1,091,435. Operating expenses exclusive of capital outlay (\$457,788) was \$962,486. This left an operating surplus of \$128,950 before payment of capital outlay.

### Current Water Budget Results:

We now have estimated year end revenues. The estimated fourth quarter revenue was \$60,000, which brings the 2013 – 2014 annual operating revenue to \$316,386. Operating expenses, exclusive of capital outlay or depreciation were \$193,147. This left an operating surplus of \$123,239. This budget did carry the expense of paying back the interest on the funds loaned to it from the sewer fund as part of its operating expenses (\$44,000) but it has not yet totally charged for the actual capital outlay. In other words, the principle owed to the sewer fund still has to be accounted for as well as any other capital outlays.

### Proposed:

The proposed spending plan for sewer is on page 6 and water is on page 9. In each case we have given a 6%, 7% and 8% rate increase projection for each. When you look at page 10 and revisit the original projected capital improvement plan, It becomes clear that to meet those targets we will need continuing increases to cover the capital expenditures and not totally exhaust the net fund balance.

*Page 1*

Account Number	Account Description	Begin Balance	Debits	Credits	Balance
-190-11-000-1003-0000	CASH - TAX COLLECTOR IN TRANSIT	\$0.00	\$459,970.21	\$459,970.21	\$0.00
-190-11-000-1004-0000	CASH - TAX COLLECTOR HOLDING	\$0.00	\$1,403,982.73	\$1,385,426.07	\$18,556.66
-190-11-000-1020-0000	INVESTMENTS	\$1,432,731.45	\$4,623.56		\$1,437,355.01
-190-15-000-1047-0000	BONDED INTEREST REC - ASSESS	\$44,845.27	\$91,022.38	\$94,706.65	\$41,161.00
-190-15-000-1048-0000	INTEREST AND PENALTIES REC - ASSESS	\$95,535.34		\$10,156.39	\$85,378.95
-190-15-000-1060-0000	SPECIAL ASSESSMENTS RECEIVABLE - NONCURRENT	\$4,316,100.97		\$878,175.14	\$3,437,925.83
-190-15-000-1062-0000	SPECIAL ASSESSMENTS RECEIVABLE - NONCURRENT	\$0.00			\$0.00
-190-15-000-1065-0000	SEPTIC LOANS REC - ASSESS	\$62,279.33		\$13,636.61	\$48,642.72
-190-15-000-1070-0000	SEWER USE FEES RECEIVABLE	\$78,576.73	\$568,687.24	\$541,773.11	\$105,490.86
-190-15-000-1070-0000	SEWER USE AIR FAIRFIELD HILLS	\$6,651.77	\$22,132.47	\$26,974.35	\$1,809.89
-190-15-000-1070-1001	SEWER USE AIR GARNER	\$56,646.72	\$173,171.70	\$229,818.42	\$0.00
-190-15-000-1070-1002	ALLOW FOR UNCOLL - SEWER USE (CR)	(\$35,677.08)			(\$35,677.08)
-190-15-000-1071-0000	ALLOW FOR UNCOLL - ASSESS	(\$22,000.00)			(\$22,000.00)
-190-16-000-1072-0000	ADVANCE TO OTHER FUNDS	\$983,086.00		\$48,826.00	\$934,260.00
-190-17-000-1080-0000	DUE FROM OTHER FUNDS	\$0.00	\$458,511.05	\$458,511.05	\$0.00
-190-18-000-1115-0000	DEFERRED CHARGES	\$12,004.00			\$12,004.00
-190-18-000-1340-0000	MACHINERY AND EQUIPMENT	\$34,532,300.90			\$34,532,300.90
-190-18-000-1341-0000	ACCUM DEPR - MACH & EQUIP	(\$8,508,803.92)			(\$8,508,803.92)
-190-18-000-1350-0000	CONSTRUCTION IN PROGRESS	\$610,433.14			\$610,433.14
	<b>Assets.....</b>	<b>\$33,664,710.62</b>	<b>\$3,182,101.34</b>	<b>\$4,147,974.00</b>	<b>\$32,698,837.96</b>
L-190-21-000-2000-0000	ACCOUNTS PAYABLE	\$86,962.79	\$257,297.39	\$170,334.60	\$0.00
L-190-21-000-2004-0000	RESERVE - TAX REFUNDS	\$20,957.89	\$6,400.76	\$4,312.03	\$18,869.16
L-190-24-000-2100-0000	NOTES PAYABLE - CURRENT	\$4,291,513.57	\$3,375,660.17	\$915,853.40	\$915,853.40
L-190-24-000-2110-0000	BONDS PAYABLE - CURRENT	\$0.00	\$2,430,100.00	\$2,632,500.00	\$202,400.00
L-190-24-000-2200-0000	BONDS PAYABLE - NONCURRENT	\$0.00		\$2,487,900.00	\$2,487,900.00
L-190-24-000-2210-0000	NOTES PAYABLE - NONCURRENT	\$0.00		\$2,209,527.18	\$2,209,527.18
L-190-24-000-2230-0000	OTHER LIABILITIES	\$7,398.00			\$7,398.00
L-190-25-000-2030-0000	DUE TO/FROM GENERAL FUND	(\$358,698.27)	\$4,441,867.71	\$2,573,081.04	(\$2,227,484.94)
	<b>Liabilities.....</b>	<b>\$4,048,133.98</b>	<b>\$10,511,326.03</b>	<b>\$10,077,654.85</b>	<b>\$3,614,462.80</b>
E-190-31-000-3100-0000	NET ASSETS - INVESTED IN CAPITAL ASSETS, NET OF	\$29,616,576.64			\$29,616,576.64
E-190-31-000-3200-0000	NET ASSETS - UNRESTRICTED	\$0.00			\$0.00
R-190-31-000-3060-0000	REVENUE CONTROL ACCOUNT	\$0.00	\$27,474.56	\$962,601.02	\$935,126.46
X-190-31-000-3061-0000	EXPENDITURE CONTROL ACCOUNT	\$0.00	\$2,248,021.92	\$780,693.98	(\$1,467,327.94)
	<b>Equities.....</b>	<b>\$29,616,576.64</b>	<b>\$2,275,496.48</b>	<b>\$1,743,295.00</b>	<b>\$29,084,375.16</b>
	<b>Total Liabilities And Equities</b>	<b>\$33,664,710.62</b>	<b>\$12,786,822.51</b>	<b>\$11,820,949.85</b>	<b>\$32,698,837.96</b>

2013 List - 4 Quarters  
 Amount billed per quarter as of 6/30/14

Plan code	1st quarter	2nd quarter	3rd quarter	4th quarter	total
Residential 1	\$72,899.71	\$89,248.53	\$83,670.18	\$77,937.09	\$323,755.51
Commercial 2	\$38,592.71	\$43,103.57	\$40,529.11	\$36,050.55	\$158,275.94
Commercial 3	\$8,622.84	\$10,439.95	\$10,471.89	\$18,963.70	\$48,498.38
<del>Commercial</del> Flat 4	\$7,612.16	\$8,328.84	\$8,548.02	\$8,548.02	\$33,037.04
Flat 5	\$600.72	\$657.24	\$657.24	\$657.24	\$2,572.44
Flat 6	\$300.32	\$328.58	\$328.58	\$328.58	\$1,286.06
Comm Flat 7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
					\$567,425.37

*Wally*

142,485

Control @ 142,485  
 FFH @ 52,259

4th  
 Quarter  
 Control + FFH  
+ 194,744

~~194,744~~

**SEWER WATER REVENUES**  
Newtown

*Sewer Revenues*

Fund	Account	Orig Revenue	Adj Revenue	Ytd Revenue	Unrealized	% Recvd
2-190-02-800-4280-0000	STATE GRANTS - SEWER FUND	\$0.00	\$0.00	\$0.00	\$0.00	-
2-190-02-800-4290-0000	FEDERAL GRANTS - SEWER FUND	\$0.00	\$0.00	\$0.00	\$0.00	-
2-190-03-800-4335-0000	OTHER FEES - SEWER FD	\$1,200.00	\$1,200.00	\$0.00	(\$1,200.00)	0.00%
2-190-03-800-4390-0000	SEWER USE FEES	\$757,000.00	\$757,000.00	(\$736,594.14)	(\$20,405.86)	97.30%
2-190-05-800-4391-0000	SEWER USE PENALTY	\$200.00	\$200.00	\$0.00	(\$200.00)	0.00%
2-190-05-800-4392-0000	SEWER ASSESSMENTS	\$350,000.00	\$350,000.00	\$0.00	(\$350,000.00)	0.00%
2-190-05-800-4393-0000	SEWER ASSESS INTEREST	\$150,000.00	\$150,000.00	(\$90,286.43)	(\$59,713.57)	60.19%
2-190-05-800-4394-0000	SEWER ASSESS PENALTY	\$30,000.00	\$30,000.00	(\$17,423.36)	(\$12,576.64)	58.08%
2-190-05-800-4395-0000	SEPTIC ASSESSMENTS	\$0.00	\$0.00	\$0.00	\$0.00	-
2-190-05-800-4396-0000	SEPTIC PENALTY	\$0.00	\$0.00	(\$168.32)	\$168.32	-
2-190-03-800-4397-0000	SEWER BENEFIT CHARGE	\$0.00	\$0.00	(\$45,389.65)	\$45,389.65	-
2-190-04-800-4400-0000	INTEREST ON INVESTMENTS	\$8,000.00	\$8,000.00	(\$4,623.65)	(\$3,376.44)	57.79%
2-190-03-800-4500-0000	MISC REVENUE - SEWER FUND	\$0.00	\$0.00	(\$2,206.00)	\$2,206.00	-
190	SEWER ENTERPRISE	\$1,296,400.00	\$1,296,400.00	(\$896,691.46)	(\$399,708.54)	69.17%

**1,091,435**

*Operations Revenue \$1,091,436*  
*Operations Cost (968,486)*

*\$128,950 surplus to apply to capital expenditures*

**SEWER & WATER FUND BUDGET**  
Newtown

Page 4

*Sewers - Expenditures*

	Orig Budget	Transfers	Adj Approp	Encumbered	Ytd Expended	Balance	%Exp
5220 SOCIAL SECURITY CONTRIBUTIONS							
1-190-13-800-5220-0000 SOCIAL SECURITY CONTR	\$0.00	\$0.00	\$0.00	\$0.00	\$133.88	(\$133.88)	0.00%
5220 SOCIAL SECURITY CONTRIBUTIONS	\$0.00	\$0.00	\$0.00	\$0.00	\$133.88	(\$133.88)	0.00%
5301 FEES & PROFESSIONAL SERVICES							
1-190-13-800-5301-0000 FEES & PROF SERVICES	\$10,000.00	\$0.00	\$10,000.00	\$0.00	\$875.31	\$9,124.69	8.75%
5301 FEES & PROFESSIONAL SERVICES	\$10,000.00	\$0.00	\$10,000.00	\$0.00	\$875.31	\$9,124.69	8.75%
5310 PROFESSIONAL SVS - ADMINISTRATIVE							
1-190-13-800-5310-0000 PROF SVS - TOWN SVS	\$95,000.00	\$0.00	\$95,000.00	\$0.00	\$112,097.00	(\$17,097.00)	118.00%
5310 PROFESSIONAL SVS - ADMINISTRATIVE	\$95,000.00	\$0.00	\$95,000.00	\$0.00	\$112,097.00	(\$17,097.00)	118.00%
5350 PROFESSIONAL SVS - LEGAL							
1-190-13-800-5350-0000 PROF SVS - LEGAL	\$10,000.00	\$0.00	\$10,000.00	\$0.00	\$110.50	\$9,889.50	1.11%
5350 PROFESSIONAL SVS - LEGAL	\$10,000.00	\$0.00	\$10,000.00	\$0.00	\$110.50	\$9,889.50	1.11%
5385 PROF SVS - APPRAISAL							
1-190-13-800-5385-0000 PROF SVS - APPRAISAL	\$3,000.00	\$0.00	\$3,000.00	\$0.00	\$29,200.00	(\$26,200.00)	973.33%
5385 PROF SVS - APPRAISAL	\$3,000.00	\$0.00	\$3,000.00	\$0.00	\$29,200.00	(\$26,200.00)	973.33%
5411 WATER/SEWERAGE							
1-190-13-800-5411-0000 WATER	\$2,000.00	\$0.00	\$2,000.00	\$0.00	\$1,930.06	\$69.94	96.50%
5411 WATER/SEWERAGE	\$2,000.00	\$0.00	\$2,000.00	\$0.00	\$1,930.06	\$69.94	96.50%
5505 CONTRACTUAL SERVICES							
1-190-13-800-5505-0000 CONTRACTUAL SVS - AGREE	\$500,000.00	\$0.00	\$500,000.00	\$0.00	\$485,362.43	\$14,637.57	97.07%
5505 CONTRACTUAL SERVICES	\$500,000.00	\$0.00	\$500,000.00	\$0.00	\$485,362.43	\$14,637.57	97.07%
5506 CONT SVS - REIMBURSABLES							
1-190-13-800-5506-0000 CONT. SVS - REIMBURSABLES	\$100,000.00	\$0.00	\$100,000.00	\$0.00	\$137,344.94	(\$37,344.94)	137.34%
5506 CONT SVS - REIMBURSABLES	\$100,000.00	\$0.00	\$100,000.00	\$0.00	\$137,344.94	(\$37,344.94)	137.34%
5621 ENERGY - NATURAL GAS							
1-190-13-800-5621-0000 ENERGY - NATURAL GAS	\$23,000.00	\$0.00	\$23,000.00	\$0.00	\$21,737.42	\$1,262.58	94.51%
5621 ENERGY - NATURAL GAS	\$23,000.00	\$0.00	\$23,000.00	\$0.00	\$21,737.42	\$1,262.58	94.51%
5622 ENERGY - ELECTRICITY							
1-190-13-800-5622-0000 ENERGY - ELECTRICITY	\$85,000.00	\$0.00	\$85,000.00	\$0.00	\$80,576.00	\$4,424.00	94.80%
5622 ENERGY - ELECTRICITY	\$85,000.00	\$0.00	\$85,000.00	\$0.00	\$80,576.00	\$4,424.00	94.80%
5749 CAPITAL OUTLAY							

**SEWER & WATER FUND BUDGET**  
Newtown

12/3/14

	Orig Budget	Transfers	Adj/ Approp	Encumbered	Ytd Expended	Balance	%Exp
1-190-13-800-5749-0000 CAPITAL OUTLAY	\$650,000.00	\$0.00	\$650,000.00	\$0.00	\$454,077.92	\$195,922.08	69.86%
1-190-13-800-5749-1090 CAPITAL - HAWLEYVILLE SEWER	\$2,488,000.00	\$0.00	\$2,488,000.00	\$0.00	\$3,709.96	\$2,484,290.04	0.15%
5749 CAPITAL OUTLAY	\$3,138,000.00	\$0.00	\$3,138,000.00	\$0.00	\$457,787.88	\$2,680,212.12	14.59%
5800 OTHER EXPENDITURES	\$1,000.00	\$0.00	\$1,000.00	\$0.00	\$1,521.74	(\$521.74)	152.17%
1-190-13-800-5800-0000 OTHER EXPENSES	\$1,000.00	\$0.00	\$1,000.00	\$0.00	\$1,521.74	(\$521.74)	152.17%
5800 OTHER EXPENDITURES	\$16,000.00	\$0.00	\$16,000.00	\$0.00	\$13,553.10	\$2,446.90	84.71%
5802 OTHER EXPENDITURES - HAWLEYVILLE	\$16,000.00	\$0.00	\$16,000.00	\$0.00	\$13,553.10	\$2,446.90	84.71%
1-190-13-800-5802-0000 OTHER - HAWLEYVILLE	\$108,000.00	\$0.00	\$108,000.00	\$0.00	\$5,781.00	\$102,219.00	5.35%
5802 OTHER EXPENDITURES - HAWLEYVILLE	\$108,000.00	\$0.00	\$108,000.00	\$0.00	\$5,781.00	\$102,219.00	5.35%
5861 BOND INTEREST	\$0.00	\$0.00	\$0.00	\$0.00	\$72,262.76	(\$72,262.76)	0.00%
1-190-13-800-5861-0000 BOND INTEREST	\$0.00	\$0.00	\$0.00	\$0.00	\$72,262.76	(\$72,262.76)	0.00%
5861 BOND INTEREST	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
5863 LOAN INTEREST	\$4,091,000.00	\$0.00	\$4,091,000.00	\$0.00	\$1,420,274.02	\$2,670,725.98	34.72%
1-190-13-800-5880-0000 DEPRECIATION EXPENSE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
5880 DEPRECIATION	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
190 SEWER ENTERPRISE	\$4,091,000.00	\$0.00	\$4,091,000.00	\$0.00	\$1,420,274.02	\$2,670,725.98	34.72%

Operations 962,486  
Capital 457,788

Total 1,420,274



SEWER & WATER FUND BUDGET  
Newtown

Fund	Orig Budget	Transfers	Adj Approp	Encumbered	Ytd Expended	Balance	%Exp
1-190-13-800-5220-0000 SOCIAL SECURITY CONTR	\$0.00	\$0.00	\$0.00	\$0.00	\$133.88	(\$133.88)	0.00%
1-190-13-800-5301-0000 FEES & PROF SERVICES	\$10,000.00	\$0.00	<del>\$10,000.00</del> 5,000	\$0.00	\$875.31	\$9,124.69	8.75%
1-190-13-800-5310-0000 PROF SVS - TOWN SVS	\$95,000.00	\$0.00	<del>\$95,000.00</del> 113,000	\$0.00	\$112,097.00	(\$17,097.00)	118.00%
1-190-13-800-5350-0000 PROF SVS - LEGAL	\$10,000.00	\$0.00	<del>\$10,000.00</del> 5,000	\$0.00	\$110.50	\$9,889.50	1.11%
1-190-13-800-5385-0000 PROF SVS - APPRAISAL	\$3,000.00	\$0.00	\$3,000.00	\$0.00	\$29,200.00	(\$26,200.00)	973.33%
1-190-13-800-5411-0000 WATER	\$2,000.00	\$0.00	\$2,000.00	\$0.00	\$1,930.06	\$69.94	96.50%
1-190-13-800-5505-0000 CONTRACTUAL SVS - AGREE	\$500,000.00	\$0.00	<del>\$500,000.00</del> 580,000	\$0.00	\$530,441.16	(\$30,441.16)	106.09%
1-190-13-800-5506-0000 CONT. SVS - REIMBURSABLES	\$100,000.00	\$0.00	\$100,000.00	\$0.00	\$137,344.94	(\$37,344.94)	137.34%
1-190-13-800-5621-0000 ENERGY - NATURAL GAS	\$23,000.00	\$0.00	<del>\$23,000.00</del> 25,000	\$0.00	\$22,166.53	\$833.47	96.38%
1-190-13-800-5622-0000 ENERGY - ELECTRICITY	\$85,000.00	\$0.00	\$85,000.00	\$0.00	\$82,122.08	\$2,877.92	96.61%
1-190-13-800-5749-0000 CAPITAL OUTLAY	\$650,000.00	\$0.00	<del>\$650,000.00</del> 665,000	\$0.00	\$454,077.92	\$195,922.08	69.86%
1-190-13-800-5749-1090 CAPITAL - HAWLEYVILLE SEWER	\$2,488,000.00	\$0.00	<del>\$2,488,000.00</del> 2,488,000	\$0.00	\$3,709.96	\$2,484,290.04	0.15%
1-190-13-800-5800-0000 OTHER EXPENSES	\$1,000.00	\$0.00	\$1,000.00	\$0.00	\$1,521.74	(\$521.74)	152.17%
1-190-13-800-5802-0000 OTHER - HAWLEYVILLE	\$16,000.00	\$0.00	\$16,000.00	\$0.00	\$13,553.10	\$2,446.90	84.71%
1-190-13-800-5861-0000 BOND INTEREST	\$108,000.00	\$0.00	<del>\$108,000.00</del> 6,000	\$0.00	\$5,781.00	\$102,219.00	5.35%
1-190-13-800-5863-0000 LOAN INTEREST	\$0.00	\$0.00	\$0.00	\$0.00	\$72,262.76	(\$72,262.76)	0.00%
1-190-13-800-5880-0000 DEPRECIATION EXPENSE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%
190 SEWER ENTERPRISE	\$4,091,000.00	\$0.00	<del>\$4,091,000.00</del> 4,039,000	\$0.00	\$1,467,327.94	\$2,623,672.06	35.87%

capital  
2014-2015  
1,039,000 Operations Only

SEWER & WATER REVENUES

Newtown

Proposed

Page 1

Note: AcctBalance Includes AcctInvoiced Balance

Fund	Orig Revenue	Adj Revenue	Ytd Revenue	Unrealized	% Recvd
2-190-02-800-4280-0000 STATE GRANTS - SEWER FUND	\$0.00	\$0.00	\$0.00	\$0.00	-
2-190-02-800-4290-0000 FEDERAL GRANTS - SEWER FUND	\$0.00	\$0.00	\$0.00	\$0.00	-
2-190-03-800-4335-0000 OTHER FEES - SEWER FD	\$1,200.00	\$1,200.00	\$0.00	(\$1,200.00)	0.00%
2-190-03-800-4390-0000 SEWER USE FEES	\$757,000.00	<del>\$757,000.00</del> 968,500	(\$736,594.14)	(\$20,405.86)	97.30%
2-190-05-800-4391-0000 SEWER USE PENALTY	\$200.00	\$200.00	\$0.00	(\$200.00)	0.00%
2-190-05-800-4392-0000 SEWER ASSESSMENTS	\$350,000.00	\$350,000.00	\$0.00	(\$350,000.00)	0.00%
2-190-05-800-4393-0000 SEWER ASSESS INTEREST	\$150,000.00	<del>\$150,000.00</del> 90,000	(\$90,286.43)	(\$59,713.57)	60.19%
2-190-05-800-4000 SEWER ASSESS PENALTY	\$30,000.00	<del>\$30,000.00</del> 18,000	(\$17,423.36)	(\$12,576.64)	58.08%
2-190-05-800-4395-0000 SEPTIC ASSESSMENTS	\$0.00	\$0.00	\$0.00	\$0.00	-
2-190-05-800-4396-0000 SEPTIC PENALTY	\$0.00	\$0.00	(\$168.32)	\$168.32	-
2-190-03-800-4397-0000 SEWER BENEFIT CHARGE	\$0.00	<del>\$0.00</del> 50,000	(\$45,389.65)	\$45,389.65	-
2-190-04-800-4400-0000 INTEREST ON INVESTMENTS	\$8,000.00	<del>\$8,000.00</del> 42,000	(\$43,058.56)	\$35,058.56	538.23%
2-190-03-800-4500-0000 MISC REVENUE - SEWER FUND	\$0.00	<del>\$0.00</del> 8,000	(\$2,206.00)	\$2,206.00	-
Fund 190 SEWER ENTERPRISE	\$1,296,400.00	<del>\$1,296,400.00</del>	(\$935,126.46)	(\$361,273.54)	72.13%

Current 7.7% No Increase 1,164,500 = 1,039,000 = 185,500  
 514.14  
 0-85-544-99 8,2574 6% 57,750 + 1,222,250 - 1,039,000 = 183,250  
 5-99-550-13 8-3353 35.99 7% 67,375 + 1,231,875 - 1,039,000 = 192,875  
 1-13-555-27 8-4132 41.13 8% 77,000 + 1,241,500 - 1,039,000 = 202,500

base 73  
 4-9 = 66

SEWER & WATER REVENUES  
Newtown

Water - Revenues

	Orig Revenue	Adj Revenue	Yld Revenue	Unrealized	% Revd
2-191-02-800-4280-0000 STATE GRANTS - WATER FUND	\$0.00	\$0.00	\$0.00	\$0.00	-
2-191-02-800-4290-0000 FEDERAL GRANTS - WATER FUND	\$0.00	\$0.00	\$0.00	\$0.00	-
2-191-03-800-4300-0000 CHARGES FOR SRVS - WATER FD	\$350,000.00	\$350,000.00	(\$256,343.75)	(\$93,656.25)	73.24%
2-191-03-800-4335-0000 OTHER FEES - WATER FUND	\$5,000.00	\$5,000.00	(\$4,112)	(\$4,957.88)	0.84%
Fund 191 WATER ENTERPRISE	\$355,000.00	\$355,000.00	(\$256,385.87)	(\$98,614.13)	72.22%

+ 6% 18,983 335,369  
 + 7% 22,147 338,533  
 + 8% 25,311 341,697

\$ 316,386

Current  
 7.30  
 6% = 7.738  
 7% = 7.811  
 8% = 7.884

Operations Revenue - 316,386  
 Operations Expense - 193,147

Net Surplus = \$ 123,239

Note: AcctBalance Includes AcritInvoiced Balance

SEWER & WATER FUND BUDGET

Newtown

Proposed

Use 9

	Orig Budget	Transfers	Adj Approp	Encumbered	Ytd Expended	Balance	%Exp
5301 FEES & PROFESSIONAL SERVICES							
1-191-13-800-5301-0000 FEES & PROF SERVICES	\$10,000.00	\$0.00	<del>\$10,000.00</del>	\$0.00	\$3,236.22	\$6,763.78	32.36%
5301 FEES & PROFESSIONAL SERVICES	\$10,000.00	\$0.00	<del>\$10,000.00</del>	\$0.00	\$3,236.22	\$6,763.78	32.36%
5310 PROFESSIONAL SVS - ADMINISTRATIVE							
1-191-13-800-5310-0000 PROF SVS - TOWN SVS	\$8,000.00	\$0.00	<del>\$8,000.00</del>	\$0.00	\$12,000.00	(\$4,000.00)	150.00%
5310 PROFESSIONAL SVS - ADMINISTRATIVE	\$8,000.00	\$0.00	<del>\$8,000.00</del>	\$0.00	\$12,000.00	(\$4,000.00)	150.00%
5350 PROFESSIONAL SVS - LEGAL							
1-191-13-800-5350-0000 PROF SVS - LEGAL	\$2,000.00	\$0.00	<del>\$2,000.00</del>	\$0.00	\$0.00	\$2,000.00	0.00%
5350 PROFESSIONAL SVS - LEGAL	\$2,000.00	\$0.00	<del>\$2,000.00</del>	\$0.00	\$0.00	\$2,000.00	0.00%
5505 CONTRACTUAL SERVICES							
1-191-13-800-5505-0000 CONTRACTUAL SVS - O&M/POOL	\$80,000.00	\$0.00	<del>\$80,000.00</del>	\$0.00	\$85,955.57	(\$5,955.57)	107.44%
5505 CONTRACTUAL SERVICES	\$80,000.00	\$0.00	<del>\$80,000.00</del>	\$0.00	\$85,955.57	(\$5,955.57)	107.44%
5506 CONT SVS - REIMBURSABLES							
1-191-13-800-5506-0000 CONT SVS - REIMBURSABLES O&M	\$5,000.00	\$0.00	<del>\$5,000.00</del>	\$0.00	\$49,976.55	(\$44,976.55)	999.53%
5506 CONT SVS - REIMBURSABLES	\$5,000.00	\$0.00	<del>\$5,000.00</del>	\$0.00	\$49,976.55	(\$44,976.55)	999.53%
5622 ENERGY - ELECTRICITY							
1-191-13-800-5622-0000 ENERGY - ELECTRICITY	\$40,000.00	\$0.00	<del>\$40,000.00</del>	\$0.00	\$41,978.56	(\$1,978.56)	104.95%
5622 ENERGY - ELECTRICITY	\$40,000.00	\$0.00	<del>\$40,000.00</del>	\$0.00	\$41,978.56	(\$1,978.56)	104.95%
5749 CAPITAL OUTLAY							
1-191-13-800-5749-0000 CAPITAL OUTLAY	\$100,000.00	\$0.00	<del>\$100,000.00</del>	\$0.00	\$78,495.37	\$21,504.63	78.50%
5749 CAPITAL OUTLAY	\$100,000.00	\$0.00	<del>\$100,000.00</del>	\$0.00	\$78,495.37	\$21,504.63	78.50%
5863 LOAN INTEREST							
1-191-13-800-5863-0000 LOAN INTEREST	\$44,000.00	\$0.00	<del>\$44,000.00</del>	\$0.00	\$0.00	\$44,000.00	0.00%
5863 LOAN INTEREST	\$44,000.00	\$0.00	<del>\$44,000.00</del>	\$0.00	\$0.00	\$44,000.00	0.00%
5880 DEPRECIATION							
1-191-13-800-5880-0000 DEPRECIATION EXPENSE	\$0.00	\$0.00	<del>\$0.00</del>	\$0.00	\$0.00	\$0.00	0.00%
5880 DEPRECIATION	\$0.00	\$0.00	<del>\$0.00</del>	\$0.00	\$0.00	\$0.00	0.00%
Fund 191 WATER ENTERPRISE	\$289,000.00	\$0.00	<del>\$289,000.00</del>	\$0.00	\$271,642.27	\$17,357.73	93.99%

Water - Expenditures

78,495 Cap

193,147 Operations Exp

SEWER OPERATING REVENUE / EXPENSE ASSUMPTIONS & PROJECTED  
 USER RATES IMPACTED BY THE CAPITAL IMPROVEMENT PLAN:

Base Line Average Annual Operating Revenue :	\$765K
Base Line Average Annual Operating Expenses:	\$905K
Base Line Average Annual Operating Deficit/Surplus:	(\$140K)
Starting Fund Balance:	\$1,400K
Fifth Year Bond Surplus:	\$358K
First Year Revenue Rate Increase	16%
Second Thru Fifth Year Revenue Rate Increase:	8%
Annual Expense Escalation:	3%

	Current					
	Year-	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>
Op Revenue	765	887.4	958.4	1,035.1	1,117.9	1,207.3
Op Expense	905	932.1	960.1	988.9	1,018.6	1,049.2
Surplus/(Def)	(140)	(44.7)	(1.7)	46.2	99.3	158.1
Fund Balance	1,400	1,260	1,215.3	1,213.6	1,259.8	1,717.1
Adjusted Bal	1,260	1,215.3	1,213.6	1,259.8	1,359.10	1,875.2
Capital Exp	(550)	(312)	(160)	(560)	(225)	(600)
Adjusted Bal	710	353.3	191.6	(322.2)	(447.9))	(531.8)

# Attachment B

LAW OFFICES  
**ROBERT H. HALL, P.C.**  
43 MAIN STREET  
P.O. BOX 395  
NEWTOWN, CONNECTICUT 06470  
TELEPHONE (203) 426-8177  
FAX (203) 426-6529

ROBERT H. HALL

July 1, 2014

EMAIL ADDRESS  
roberthallpc@yahoo.com

## HAND DELIVERED

Newtown Water and Sewer Authority  
4 Turkey Hill Road  
Newtown, CT 06470

Re: Application of Newtown Mobil for Discharge from a Car Wash

Dear Authority Members:

I represent Sundaram, LLC, owner and operator of the Newtown Mobil Station at 62 Church Hill Road.

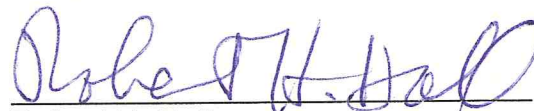
My client has plans to install a car wash on the property which uses various cleaning compounds in the wash process. I am enclosing the MSDS sheets for the compounds which show the pH for each of the cleaning compounds used. As you can see, there is a balance between the high and the low pH.

At the same time we are applying to you we are preparing an application for a permit under the general permit program of the State of Connecticut for the discharge of vehicle maintenance waste water. The state requires a "written approval from the POTW authority" as part of the application. As the agency responsible for issuing waste water permits for discharge into the sewer system, my client is asking for your approval.

Please place this request on the agenda of your next meeting which I understand to be July 10, 2014.

If any of the members have any questions prior to the meeting please call me and let me know what they are. Otherwise we will appear ready to answer such questions as we can.

Very truly yours,



Robert H. Hall

RHH/klis

cc: Sundaram, LLC (Jaydev Patel)  
Larry Edwards

# MATERIAL SAFETY DATA SHEET

Simoniz USA Inc. 201 Boston Turnpike Bolton, Connecticut 06043 (860) 646-0172	REVISION DATE: ..... 05/24/00
	DATE PRINTED: ..... 12/15/06
	PRODUCT NUMBER: ..... S4010XXX
	CONTROL NUMBER: ..... S4010XXX
For chemical emergency information regarding this product, call Chem-Tel at 1-800-255-3924 anytime.	

## SECTION I - IDENTIFICATION

PRODUCT NAME: **Plus**  
 PRODUCT TYPE: ..... Alkaline liquid cleaning compound

## SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PEL	PERCENT
Water	7732-18-5	No limits established	Not Listed
Potassium Hydroxide	1310-58-3	2 mg/m3 ceiling	
Cocamphodipropionate	68604-71-7	No limits established	
Tripotassium Ethylenediaminetetraacetate	17572-97-3	No limits established	
Detergent Range Alcohol Ethoxylate	68439-46-3	No limits established	

## SECTION III - PHYSICAL DATA

APPEARANCE: Blue transparent liquid, no significant odor.  
 BOILING POINT: 210 degrees F. VAPOR PRESSURE: N/A  
 VAPOR DENSITY: Greater than 1. SPECIFIC GRAVITY: 1.1  
 PH: 14.0 SOLUBILITY IN WATER: Completely soluble.

## SECTION IV - FIRE AND EXPLOSION DATA

FLASHPOINT: ..... This product is non-flammable.  
 EXTINGUISHING MEDIA: ..... This product is non-flammable. Use extinguishing media suitable for materials already burning.  
 SPECIAL FIRE FIGHTING PROCEDURES: ..... Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: ..... None known.

## SECTION V - REACTIVITY DATA

STABILITY: ..... Stable under normal conditions.  
 HAZARDOUS POLYMERIZATION: ..... This product not known to polymerize.  
 INCOMPATIBILITY: ..... Do not mix with acids or other detergents.  
 HAZARDOUS BYPRODUCTS: ..... Carbon monoxide, carbon dioxide.

## SECTION VI - HEALTH DATA

ROUTE(S) OF ENTRY: ..... Inhalation, skin absorption, or ingestion.  
 LISTED CARCINOGEN: ..... Not listed by IARC, NTP or OSHA.  
 MEDICAL CONDITION AGGRAVATED: ..... May aggravate pre-existing dermatitis.  
 INHALATION: ..... Not likely to be inhaled in hazardous amounts. Avoid exposure to mists or vapors. Maintain adequate ventilation in the work area.  
 INGESTION: ..... This material can cause burns and serious damage to any exposed body parts.  
 EYES: ..... Undiluted product will cause burns or eye irritation, or possibly blindness.  
 SKIN (DERMAL): ..... This product may cause burns or irritation if not removed from the skin.

## SECTION VII FIRST AID

BREATHING (INHALATION): ..... If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.  
 SWALLOWING (INGESTION): ..... DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!  
 EYES: ..... Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, consult a physician.  
 SKIN (DERMAL): ..... Flush from skin and clothing with large amounts of fresh water. If irritation persists, consult physician. Wash contaminated clothing before wearing.

## SECTION VIII EMPLOYEE PROTECTION

RESPIRATORY PROTECTION: ..... Not usually needed in well ventilated areas. If needed, use an OSHA approved respirator.  
 PROTECTIVE CLOTHING: ..... Nitrile or PVC gloves, and chemical splash goggles. Wear protective outerwear and boots when product is likely to splash.  
 ADDITIONAL MEASURES: ..... Do not place this product in an unmarked container! Keep away from children! Spilled material is slippery.

## SECTION IX - SPILL AND DISPOSAL DATA

SPILL: ..... Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.  
 WASTE DISPOSAL: ..... As recommended by local, state and federal authorities.  
 HANDLING & STORAGE PRECAUTIONS: ..... Store in a cool, well ventilated area. Avoid overheating or freezing.

## SECTION X - OTHER REGULATORY INFORMATION

PROPER SHIPPING NAME: Compounds, Cleaning, NFFA HEALTH: 3  
 Liquid  
 CONSTITUENT: Potassium Hydroxide NFFA FLAMMABILITY: 0  
 HAZARD CLASS AND LABEL: 8 Corrosive NFFA REACTIVITY: 0  
 ID NUMBER: NA 1760 NFFA OTHER: Alkali  
 PACKING GROUP: III

## SECTION XI - PRECAUTIONARY STATEMENTS

WARNING: ..... The information contained in this MSDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe-read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it.

# MATERIAL SAFETY DATA SHEET

<b>Simoniz USA Inc.</b> 201 Boston Turnpike Bolton, CT 06043 (860) 646-0172	REVISION DATE:..... 1/29/04 DATE PRINTED:.....2/8/07
	PRODUCT NUMBER:.....T3775XXX CONTROL NUMBER:.....T3775XXX

## SECTION I - IDENTIFICATION

PRODUCT NAME: **Simoniz<sup>®</sup> Shield Special Formula**  
 PRODUCT TYPE: ..... Liquid Cationic Drying Agent

## SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	C.A.S. NUMBER	PEL
Water	7732-18-5	No limits established
Dialkyl Quaternary Ammonium Chloride	61789-77-3	No limits established
Mixed Petroleum Hydrocarbons	64741-44-2	5 mg/m3 PEL
Detergent Range Alcohol Ethoxylate	68439-46-3	No limits established
2-Butoxy Ethanol	111-76-2	20 ppm TLV, 25 ppm PEL

## SECTION III - PHYSICAL DATA

APPEARANCE: Red transparent liquid, pleasantly scented.  
 VAPOR PRESSURE: N/A  
 SPECIFIC GRAVITY: 0.96  
 BOILING POINT: 210 degrees F.  
 VAPOR DENSITY (AIR=1): Greater than 1.  
 pH: 6.5-7.5  
 SOLUBILITY IN WATER: Completely soluble.

## SECTION IV - FIRE AND EXPLOSION DATA

FLASHPOINT: ..... This product is non-flammable.  
 EXTINGUISHING MEDIA: ..... Water fog or fine spray. Carbon dioxide, Dry chemical, or Alcohol resistant foam.  
 SPECIAL FIRE FIGHTING PROCEDURES: ..... Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: ..... None known.

## SECTION V - REACTIVITY DATA

STABILITY: ..... Stable under normal conditions.  
 HAZARDOUS POLYMERIZATION: ..... This product not known to polymerize.  
 INCOMPATIBILITY: ..... Do not mix with other chemicals.  
 HAZARDOUS BYPRODUCTS ..... Carbon monoxide, carbon dioxide.

## SECTION VI - HEALTH DATA

ROUTE(S) OF ENTRY: ..... Inhalation, skin absorption, or ingestion.  
 LISTED CARCINOGEN: ..... Not listed by IARC, NTP or OSHA.  
 MEDICAL CONDITION AGGRAVATED: ..... May aggravate pre-existing dermatitis.  
 INHALATION: ..... Not likely to be inhaled in hazardous amounts. Avoid exposure to mists or vapors. Maintain adequate ventilation in the work area.  
 INGESTION: ..... This material can cause irritation or damage to stomach and esophagus.  
 EYES: ..... Undiluted product will cause burns or eye irritation, or possibly permanent damage.  
 SKIN (DERMAL): ..... This product may cause irritation if not removed from the skin. Chronic overexposure may cause injury to blood, liver & kidneys.

## SECTION VII - FIRST AID

BREATHING (INHALATION): ..... If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.  
 SWALLOWING (INGESTION): ..... DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!  
 EYES: ..... Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, consult a physician.  
 SKIN (DERMAL): ..... Flush from skin and clothing with large amounts of fresh water. If irritation persists, consult physician. Wash contaminated clothing before wearing.

## SECTION VIII - EMPLOYEE PROTECTION

RESPIRATORY PROTECTION: ..... Not usually needed in well-ventilated areas. If needed use a NIOSH approved respirator.  
 PROTECTIVE CLOTHING: ..... Nitrile or PVC gloves, and chemical splash goggles.  
 ADDITIONAL MEASURES: ..... Do not place this product in an unmarked container! Keep away from children! Spilled material is slippery.

## SECTION IX - SPILL AND DISPOSAL DATA

SPILL: ..... Dike to prevent spillage into streams or sewer system. Consult local, state and federal authorities.  
 WASTE DISPOSAL: ..... As recommended by local, state and federal authorities.  
 HANDLING & STORAGE PRECAUTIONS: ..... Store in a cool, well ventilated area. Avoid overheating or freezing.

## SECTION X - OTHER REGULATORY INFORMATION

NFPA HEALTH: 2  
 NFPA FLAMMABILITY: 1  
 NFPA REACTIVITY: 0  
 NFPA OTHER: None

## SECTION XI - PRECAUTIONARY STATEMENTS

WARNING: ..... The information contained in this MSDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe- read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.



# MATERIAL SAFETY DATA SHEET

<b>Simoniz USA Inc.</b> 201 Boston Turnpike Bolton, CT 06043 (860) 646-0172	REVISION DATE:..... 04/08/04 DATE PRINTED:.....1/13/10
	PRODUCT NUMBER:.....S4000XXX CONTROL NUMBER:.....S4000XXX

## SECTION I - IDENTIFICATION

PRODUCT NAME: **Touchless NC**

PRODUCT TYPE:.....Acidic Liquid Cleaning Compound

## SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	C.A.S. NUMBER	PEL
Water	7732-18-5	No limits established
Citric Acid	77-92-9	No limits established
Nonylphenoxypolyethyleneoxyethanol	9016-45-9	No limits established
Detergent Range Alcohol Ethoxylate	68439-46-3	No limits established
Sodium Alpha Olefin Sulfonate	68439-57-6	No limits established

## SECTION III - PHYSICAL DATA

APPEARANCE: Light golden transparent liquid. Fruit gum scent.  
 VAPOR PRESSURE: N/A  
 VAPOR DENSITY (AIR=1): Greater than 1.  
 SPECIFIC GRAVITY: 1.04  
 pH: Less than 2.5  
 BOILING POINT: 210 degrees F.  
 SOLUBILITY IN WATER: Completely soluble.

## SECTION IV - FIRE AND EXPLOSION DATA

FLASHPOINT: .....This product is non-flammable.  
 EXTINGUISHING MEDIA: .....This product is non-flammable. Use extinguishing media suitable for materials already burning.  
 SPECIAL FIRE FIGHTING PROCEDURES: .....Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: .....None known.

## SECTION V - REACTIVITY DATA

STABILITY:.....Stable under normal conditions.  
 HAZARDOUS POLYMERIZATION: .....This product not known to polymerize.  
 INCOMPATIBILITY:.....Do not mix with other chemicals.  
 HAZARDOUS BYPRODUCTS .....Carbon monoxide, carbon dioxide.

## SECTION VI - HEALTH DATA

ROUTE(S) OF ENTRY:.....Ingestion. Not likely to be inhaled in dangerous amounts.  
 LISTED CARCINOGEN:.....Not listed by IARC, NTP or OSHA.  
 MEDICAL CONDITION AGGRAVATED: May aggravate pre-existing dermatitis.  
 INHALATION: .....Not likely to be inhaled in hazardous amounts. Maintain adequate ventilation in the work area.  
 INGESTION: .....This material can cause irritation or damage to stomach and esophagus.  
 EYES: .....May cause severe eye irritation or burns.  
 SKIN (DERMAL):.....This product may cause burns or irritation if not removed from the skin.

## SECTION VII - FIRST AID

BREATHING (INHALATION): .....If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.  
 SWALLOWING (INGESTION):.....DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!  
 EYES: .....Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, consult a physician.  
 SKIN (DERMAL):.....Flush from skin and clothing with large amounts of fresh water. If irritation persists, consult physician. Wash contaminated clothing before wearing.

## SECTION VIII - EMPLOYEE PROTECTION

RESPIRATORY PROTECTION: .....Not usually needed. Vapors not normally harmful.  
 PROTECTIVE CLOTHING: .....Nitrile or PVC gloves, and chemical splash goggles.  
 ADDITIONAL MEASURES:.....Do not place this product in an unmarked container. Avoid eye contact. Spilled material is slippery.

## SECTION IX - SPILL AND DISPOSAL DATA

SPILL:.....Dike to prevent spillage into streams or sewer system. Consult local, state and federal authorities.  
 WASTE DISPOSAL:.....As recommended by local, state and federal authorities  
 HANDLING & STORAGE PRECAUTIONS:.....Store in a cool, well ventilated area. Avoid overheating or freezing.

## SECTION X - OTHER REGULATORY INFORMATION

NFPA HEALTH: 1  
 NFPA FLAMMABILITY: 0  
 NFPA REACTIVITY: 1  
 NFPA OTHER: Acid

## SECTION XI - PRECAUTIONARY STATEMENTS

WARNING: .....The information contained in this MSDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe- read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

# MATERIAL SAFETY DATA SHEET

<b>Simoniz USA Inc.</b> 201 Boston Turnpike Bolton, CT 06043 (860) 646-0172	REVISION DATE:..... 2/2/09 DATE PRINTED:.....2/18/10
	PRODUCT NUMBER:.....A0187XXX CONTROL NUMBER:.....A0187XXX

## SECTION I - IDENTIFICATION

PRODUCT NAME: **Arid**

PRODUCT TYPE: .....Liquid Cationic Drying Agent

## SECTION II - INGREDIENTS

INGREDIENT	C.A.S. NUMBER	PEL
Water	7732-18-5	No limits established
Mixed Petroleum Hydrocarbons	64741-44-2	5 mg/m3 PEL
Quaternary Ammonium Chloride	68604-75-1	No limits established
2-Butoxy Ethanol	111-76-2	20 ppm TLV, 25 ppm PEL
Ethoxylated Tallow Amine	68155-39-5	No limits established

## SECTION III - PHYSICAL DATA

APPEARANCE: Light golden transparent liquid. Slight solvent odor.  
 VAPOR PRESSURE: N/A  
 SPECIFIC GRAVITY: 0.96  
 BOILING POINT: 210 degrees F.  
 VAPOR DENSITY (AIR=1): Greater than 1.  
 pH: 8.0-9.0  
 SOLUBILITY IN WATER: Completely soluble.

## SECTION IV - FIRE AND EXPLOSION DATA

FLASHPOINT: .....This product is non-flammable.  
 EXTINGUISHING MEDIA: .....Water fog or fine spray. Carbon dioxide, Dry chemical or Alcohol resistant foam.  
 SPECIAL FIRE FIGHTING PROCEDURES: .....Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: .....None known.

## SECTION V - REACTIVITY DATA

STABILITY: .....Stable under normal conditions.  
 HAZARDOUS POLYMERIZATION: .....This product not known to polymerize.  
 INCOMPATIBILITY: .....Do not mix with other chemicals.  
 HAZARDOUS BYPRODUCTS .....Carbon monoxide, carbon dioxide, oxides of nitrogen.

## SECTION VI - HEALTH DATA

ROUTE(S) OF ENTRY: .....Inhalation, skin absorption, or ingestion.  
 LISTED CARCINOGEN: .....Not listed by IARC, NTP or OSHA.  
 MEDICAL CONDITION AGGRAVATED: May aggravate pre-existing dermatitis.  
 INHALATION: .....Not likely to be inhaled in hazardous amounts. Avoid exposure to mists or vapors. Maintain adequate ventilation in the work area.  
 INGESTION: .....This material can cause irritation or damage to stomach and esophagus.  
 EYES: .....Undiluted product will cause burns or eye irritation, or possibly permanent damage.  
 SKIN (DERMAL): .....This product may cause irritation if not removed from the skin. Chronic overexposure may cause injury to blood, liver & kidneys.

## SECTION VII - FIRST AID

BREATHING (INHALATION): .....If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.  
 SWALLOWING (INGESTION): .....DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!  
 EYES: .....Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, consult a physician.  
 SKIN (DERMAL): .....Flush from skin and clothing with large amounts of fresh water. If irritation persists, consult physician. Wash contaminated clothing before wearing.

## SECTION VIII - EMPLOYEE PROTECTION

RESPIRATORY PROTECTION: .....Not usually needed in well-ventilated areas. If needed use a NIOSH approved respirator.

PROTECTIVE CLOTHING: .....Nitrile or PVC gloves, and chemical splash goggles.  
 ADDITIONAL MEASURES: .....Do not place this product in an unmarked container! Keep away from children! Spilled material is slippery.

## SECTION IX - SPILL AND DISPOSAL DATA

SPILL: .....Dike to prevent spillage into streams or sewer system: Consult local, state and federal authorities.  
 WASTE DISPOSAL: .....As recommended by local, state and federal authorities.  
 HANDLING & STORAGE PRECAUTIONS: .....Store in a cool, well ventilated area. Avoid overheating or freezing.

## SECTION X - OTHER REGULATORY INFORMATION

PROPER SHIPPING NAME: Not D.O.T. regulated.  
 NFPA HEALTH: 2  
 NFPA FLAMMABILITY: 1  
 NFPA REACTIVITY: 0  
 NFPA OTHER: None

## SECTION XI - PRECAUTIONARY STATEMENTS

WARNING: .....The information contained in this MSDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe- read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

# MATERIAL SAFETY DATA SHEET

<b>Simoniz USA Inc.</b> 201 Boston Turnpike Bolton, CT 06043 (860) 646-0172	REVISION DATE:..... 1/7/10
	DATE PRINTED:..... 1/13/10
	PRODUCT NUMBER:.....RX4021XXX
	CONTROL NUMBER:.....RX4021XXX

## SECTION I - IDENTIFICATION

PRODUCT NAME: **RX4 Blue Triple Foam Grape**  
PRODUCT TYPE: .....Acidic Liquid Cleaning Compound

## SECTION II - INGREDIENTS

INGREDIENT	C.A.S. NUMBER	PEL
Water	7732-18-5	No limits established
Lauryl Dimethyl Amine Oxide	1643-20-5	No limits established
Citric Acid	77-92-9	No limits established
Detergent Range Alcohol Ethoxylate	68439-46-3	No limits established
PEG-15 Cocomonium Chloride	61791-10-4	No limits established

## SECTION III - PHYSICAL DATA

APPEARANCE: Dark blue liquid, grape scented.  
VAPOR PRESSURE: N/A  
SPECIFIC GRAVITY: 1.02  
BOILING POINT: 210 degrees F.  
VAPOR DENSITY (AIR=1): Greater than 1.  
pH: 4.0-5.0  
SOLUBILITY IN WATER: Completely soluble.

## SECTION IV - FIRE AND EXPLOSION DATA

FLASHPOINT: .....This product is non-flammable.  
EXTINGUISHING MEDIA: .....This product is non-flammable. Use extinguishing media suitable for materials already burning.  
SPECIAL FIRE FIGHTING PROCEDURES: .....Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: .....None known.

## SECTION V - REACTIVITY DATA

STABILITY: .....Stable under normal conditions.  
HAZARDOUS POLYMERIZATION: .....This product not known to polymerize.  
INCOMPATIBILITY: .....Do not mix with other chemicals.  
HAZARDOUS BYPRODUCTS .....Carbon monoxide, carbon dioxide.

## SECTION VI - HEALTH DATA

ROUTE(S) OF ENTRY: .....Ingestion. Not likely to be inhaled in dangerous amounts.  
LISTED CARCINOGEN: .....Not listed by IARC, NTP or OSHA.  
MEDICAL CONDITION AGGRAVATED: May aggravate pre-existing dermatitis.  
INHALATION: .....Not likely to be inhaled in hazardous amounts. Maintain adequate ventilation in the work area.  
INGESTION: .....This material can cause irritation or damage to stomach and esophagus.  
EYES: .....May cause severe eye irritation or burns.  
SKIN (DERMAL): .....This product may cause burns or irritation if not removed from the skin.

## SECTION VII - FIRST AID

BREATHING (INHALATION): .....If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.  
SWALLOWING (INGESTION): .....DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!  
EYES: .....Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, consult a physician.  
SKIN (DERMAL): .....Flush from skin and clothing with large amounts of fresh water. If irritation persists, consult physician. Wash contaminated clothing before wearing.

## SECTION VIII - EMPLOYEE PROTECTION

RESPIRATORY PROTECTION: .....Not usually needed. Vapors not normally harmful.  
PROTECTIVE CLOTHING: .....Nitrile or PVC gloves, and chemical splash goggles.  
ADDITIONAL MEASURES: .....Do not place this product in an unmarked container. Avoid eye contact. Spilled material is slippery.

## SECTION IX - SPILL AND DISPOSAL DATA

SPILL: .....Dike to prevent spillage into streams or sewer system. Consult local, state and federal authorities.  
WASTE DISPOSAL: .....As recommended by local, state and federal authorities.  
HANDLING & STORAGE PRECAUTIONS: .....Store in a cool, well ventilated area. Avoid overheating or freezing.

## SECTION X - OTHER REGULATORY INFORMATION

PROPER SHIPPING NAME: Not D.O.T. regulated.  
NFPA HEALTH: 2  
NFPA FLAMMABILITY: 0  
NFPA REACTIVITY: 0  
NFPA OTHER: Acid

## SECTION XI - PRECAUTIONARY STATEMENTS

WARNING: .....The information contained in this MSDS is based on all data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe- read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.



**MONTHLY OPERATING REPORT**  
**June 2014**  
**TOWN OF NEWTOWN WPCF**

**EXECUTIVE SUMMARY**

During the month of June the plant process performed well. Nitrogen average pound per day during the month was 9 lbs. The open channel flow meters have been relocated to new locations. The meters are located at a cross lot manhole on Taunton lake dr. coming from Diamond Dr. and directly prior to the Taunton Lake pump station. This will be our next areas of focus.

The plan will be to inspect during heavy rains for signs of inflow.

SCADA project is progressing through the ALL the pump stations.

Some bread crumbs to clean up at all locations.

Pump stations have been delayed in order to complete most of the Water Pollution plant upgrades prior to the May 1<sup>st</sup> timeline.

There have been no operational events due to the upgrade work being performed. The DEEP has been kept in the loop as the project proceeds. Other process control regulations in play from May to September 31th are: disinfection and phosphorous removal.

Below are some of the highlighted major operation and maintenance items that are currently in progress or completed.

**PROJECTS**

**SCADA**

- Work being done at Plant Filter Building for the SCADA Project.
- Electrical work being done on Well 7 for the SCADA Project.
- Work being done on Well 8 and Bunker for SCADA Project.
- SCADA upgrade being done in the Headworks Building.
- Work being done on the Clarifier Building for the SCADA Project.
- The pump station upgrades were delayed to allow GHD to allow planning and installation of the plant SCADA System prior to disinfection season.
- The water pollution plant now has its own frequency using the Store and Forward method of communication.
- The store and forward will allow more frequent reports of data (every ten minutes or change of status) from each of the remote sites. Therefore improved resolution in the data!
- Knapp engineering has submitted the final electrical drawings to GHD.

## SOLAR

- All the panels appear to be working,
- Executive electric has reset both the inverter and panels.

## OPERATIONS & MAINTENANCE

- E-Lights and fire extinguishers inspection.
- Tightened belts on Filter Bldg. Gorman Rupp pumps in Air Filter Bldg.
- Cleaned belts on GBT.
- Worked on U.V. cooling vents.
- Drained Oxidation Ditch #1.
- Collected water meter readings.
- Hosed out influent channel.
- CBYD mark outs.
- Worked on #3 sand filters.
- Checked oil in Clarifier Gear boxes and turbine. Lubed upper part of plant.
- Blew out RAS tubes.
- Checked Pump Stations and WTP.
- Bleached the floor in Headworks.
- Daily testing and sampling.
- Calibration on all flowmeters at the plant.
- Ordered replacement Dissolved Oxygen controller and probe for the oxidation ditch. Due to be installed in mid-July.

## PUMP STATIONS

- Calibrated flow meters at all the pump stations
- Collected data for manholes on Taunton Lake Rd.
- GHD working on Hawleyville and Taunton Lake Pump Stations.
- Trimming done at Pump Stations and brush cut back at Sandy Hook.
- Sandy Hook, Taunton, Hawleyville, Hanover, and Baldwin pump station operations are in the new SCADA and radio telemetry system.

## ODOR ABATEMENT

No odors this month.

## STAFFING

We are presently fully staffed.

## TRAINING

All employees continued with our in house OSHA compliance safety training through Pure-Safety.

## REGULATORY COMPLIANCE

In Compliance

## SOLIDS HANDLING

Type	Gallons This Month	Target	Gallons This Year	Target
Sludge (SYNAGRO)	45,500	40,625 gal/mo 2 loads/wk	0.829 MG	0.527 MG 75 loads/yr

## ANALYSIS OF WASTED SLUDGE

Waste Activated Sludge	Total Gallons	Min %	Max %	Average %	Total Pounds
SYNAGRO	45,500	4.78	5.04	4.96	16,117

## EMERGENCY CALL-OUTS

Type	Total This Month	Total for Year
Sewer Backup	1	1
Pump Station	1	32
Plant	4	23
Odor	0	3
Grinder Systems	0	28

## PLANT MAINTENANCE

The following data is provided as a record of maintenance work order activities during the month.

Type	Total This Month	Total for Year
Preventative Maintenance	15	593
Corrective Maintenance	20	386
Emergency Maintenance	0	2
Call-Before-You-Dig (CBYD)	39	767

## FIELD OPERATIONS

Type	Monthly Ft	Total for Yr	Contract	Amount Left
Sewer Cleaning Scheduled	0	9650	*****	****7650***
Sewer Cleaning Unscheduled	0	2250	*****	*****
Other	Monthly Qty	Total for Yr	Contract	Amount Left
Manhole Inspections	4	99	*****	N/A
Grinder Replacements	0	37	As Necessary	N/A
New Grinder Stations	0	0	*****	N/A

## PUMP STATIONS

Station	Baldwin	Hanover	Sandy Hook	Taunton Lake	Hawleyville	Fairfield Hills Metering
Number Inspections/Mo.	9	9	9	9	9	9
Service Failures	0	0	0	0	0	0
Number Callouts	1	0	0	0	0	0
Maintenance & Repair	0	0	0	2	2	0
Flow (Total MG)	.118	.325	1.706	.511	.508	4.328
(Avg. Daily GPD)	3,967	10,852	56,868	17,047	16,948	144,160

## FINANCIAL STATUS – MAINTENANCE

Item	Budget \$	\$ Spent/Mo	\$ Spent/Yr	\$ Remaining
Preventative and Predictive	\$55,000	\$5,487.55	\$69,862.13	-\$14,862.13
Capital Repair and Replacement	\$95,000	\$0.00	\$138,054.03	-\$43,054.03

# HAWLEYVILLE SEWER DISTRICT

## EXECUTIVE SUMMARY - OPERATION & MAINTENANCE

### INSPECTIONS

Type	Total This Month	Total for Year
Hawleyville Pump Station	9	9
Grinder Pump Station 1		
Grinder Pump Station 2		
Grinder Pump Station 3		
Grinder Pump Station 4		

### EMERGENCY CALL-OUTS

Type	Total This Month	Total for Year
Hawleyville Pump Station	0	0
Grinder Pump Station 1		
Grinder Pump Station 2		
Grinder Pump Station 3		
Grinder Pump Station 4		

### HAWLEYVILLE MAINTENANCE

The following data is provided as a record of maintenance work order activities during the month.

Type	Total This Month	Total for Year
Preventative Maintenance	3	3
Corrective Maintenance		
Emergency Maintenance		

### FIELD OPERATIONS

Hawleyville District	Monthly Qty	Total for Year
Service Inspections		
Call-Before-You-Dig (CBYD)	4	4

### HAWLEYVILLE - FINANCIAL STATUS – MAINTENANCE

Item	Budget \$	\$ Spent/Mo	\$ Spent/Yr	\$ Remaining
Preventative and Predictive				
Capital Repair and Replacement				

### COMMENTS

SCADA UPGRADE TO STATION, Not complete some bugs remain, FLOW METER CALIBRATION



## FLOW AND LOADS TRACKING

Budget Month/Yr	Influent Flow, MGD	Influent BOD, lbs	Influent TSS, lbs	Calendar Month / Year	Average N, lbs
July 2013	.449	962	694	January 2014	9.5
August 2013	.444	697	583	February 2014	8.5
September 2013	.432	827	587	March 2014	17.0
October 2013	.389	898	623	April 2014	8.0
November 2013	.418	829	594	May 2014	9.0
December 2013	.450	875	733	June 2014	9.0
January 2014	.378	618	569	July 2014	
February 2014	.359	671	565	August 2014	
March 2014	.515	791	687	September 2014	
April 2014	.518	388	598	October 2014	
May 2014	.551	755	722	November 2014	
June 2014	.425	701	568	December 2014	
Monthly Average	.444	751	627	Calendar Year to Date Average	10.2
Contract	Average 0.53 MGD Adjustment = Change in Flow in MG * \$17.83/MG	Avg. 999 lbs/day Adjustment = Change in BOD in lbs * \$0.04/lb	Avg. 703 lbs/day Adjustment = Change in TSS in lbs * \$0.16/lb	Contract	NPDES Permit Limit = 42 Lbs/day
Deviation % (+/-)	-16.2	-24.8	-10.8	Deviation % (+/-)	-75.7

## FAIRFIELD HILLS WTF

### EXECUTIVE SUMMARY

The staff continues to improve equipment and standard operating methods to prevent Fairfield Hills WTP failures. Well # 3 is operating as the lead pump at <40 gallons per minute. The water treatment plant operated very well in April.

GHD and Fuss & O'Neill are working to comply with the DPH upgrade requests and all temporary repairs or modifications have been completed. Pictures of the completed work were sent to the DPH.

Scheduled to begin July 21th.

Generator installation with auto transfer switch and manual back-up generator power plug has been added to the project.

Check and maintain calibrations of all equipment.

**The lines were flushed at Fairfield Hills Town Hall during the month of JUNE.**

Listed below are some of the highlighted major operation and maintenance items that are currently in progress or have been completed.

## OPERATION & MAINTENANCE

- Repaired broken wire for the water meter at the Horse Barn.
- Flushed water lines at Reed School and Washington Circle.
- Butterworth & Scheck installed a new blow off at FFH.
- Replaced defective hydrant at FFH.
- Talked with owner of #10 Mile Hill South on water quality issue.
- Flushed lines at FFH for #10 Mile Hill South. Talked with Health Dept. and Public Works Director.
- Acorn electric installed three new conduits and a 60 amp service at the water storage tank.
- DOT road crew broke the low pressure force main on RT 302 permanent repair will be complete July 11<sup>th</sup>.

## STAFFING

Currently, all the regulatory required staffing positions are met for the Water Treatment Facilities.

## REGULATORY COMPLIANCE

The Department of Health Monitoring Report did meet full compliance during the month.

## EMERGENCY CALL-OUTS

Type	Total This Month	Total for Year
Plant WTP	0	10
Well Houses	0	0
Reservoirs (Storage)	0	1
Customer Service Issues	1	12
Water Main Breaks	0	0

## FAIRFIELD HILLS MAINTENANCE

The following data is provided as a record of maintenance work order activities during the month.

Type	Total This Month	Total for Year
Preventative Maintenance	17	207
Corrective Maintenance	0	20
Emergency Maintenance	2	8

## FIELD OPERATIONS

Other	Monthly Qty	Total for Year
Valve Inspections	10	52
Hydrant Inspections	4	35
Service Inspections	17	104
Call-Before-You-Dig (CBYD)	3	45

## FINANCIAL STATUS – MAINTENANCE

Item	Budget \$	\$ Spent/Mo	\$ Spent/Yr	\$ Remaining
Preventative and Predictive	\$15,500.00	\$2,116.03	\$19,519.77	-\$4,019.77
Capital Repair and Replacement	\$20,000.00	\$0.00	\$46,234.96	-\$26,234.96

## COMMENTS

TAUNTON AND HAWLEYVILLE STATION SCADA UPGRADE. NEW BLOWOFF AND BACK FLOW INSTALLED FFH FOR COLOR IN WATER PROBLEM. NEW HYDRANT INSTALLED DUE TO LEAKING. PUMP STATION FLOW METERS CALIBRATION ALL STATIONS. CT DOT BROKE MARKED FORCE MAIN ON 302.

## FLOW TRACKING

Month/Yr	Well No. 3 Gallons	Well No. 7 Gallons	Well No. 8 Gallons	Plant Production Gallons
July 2013	795,000	4,568,200	0	5,363,200
August 2013	845,000	5,439,800	0	6,284,800
September 2013	751,000	4,824,900	0	5,575,900
October 2013	433,000	2,777,300	0	3,210,300
November 2013	648,000	4,092,800	0	4,740,800
December 2013	1,273,000	3,982,000	0	5,255,000
January 2014	688,000	3,709,000	0	4,397,000
February 2014	474,000	3,833,800	0	4,307,800
March 2014	768,000	5,692,700	0	6,460,700
April 2014	434,000	3,394,400	0	3,828,400
May 2014	508,000	5,780,200	0	6,288,200
June 2014	267,000	4,194,900	0	4,461,900
Monthly Average	657,000	4,357,500	0	5,014,500
Daily Average	8,900	139,830		148,730