

Connecticut
Association of
Water
Pollution
Control
Authorities, Inc.

P.O. Box 230172
Hartford, CT 06123-0172



SAVE THE DATE! and CALL FOR MEMBERS!

The **Spring Workshop and Annual Meeting** will be held on **May 9th** from 8:00 am to noon at the Marriott Courtyard in Cromwell, CT. Topics will include best practices for emergency planning and response, developments in phosphorus control, implications of climate change and an update from DEEP. Expect an invitation in April.

CAWPCA wants to grow its membership! Why join?

Three reasons:

1. **Networking** – Meet your neighbors and counterparts to discuss common issues and share mutual experiences.
2. **Education** - Learn about proposed new laws and regulations, emerging technologies and important trends.
3. **Government Affairs** – Engage in a two way conduit with state regulators and keep abreast of legislation affecting WPCAs and the wastewater treatment industry.

We continue to add more value to the benefits of membership. We are more actively sending blasts with timely information. We are collaborating more with other organizations. Finally, we have been weighing in on proposed legislation.

CAWPCA membership is open to WPCAs and any public entity authorized to own or operate a wastewater system (Regular Members) and to any other entity or person who is interested in furthering the purposes of CAWPCA (Associate Members). The annual membership dues are \$50 for Regular Members and \$100 for Associate Members.

If you are already a member, thank you for your support and we look forward to your renewal. If you are not a member, please consider joining. If you need more information, please feel free to contact one of the directors listed below.

President Vin Susco, East Hampton-Colchester
Vice President Marilyn Ozols, Westbrook
Secretary Sarah Voog, Cromwell
Treasurer Andrew Lord, East Haddam

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WPCA BUDGET

MONTHS / YEAR	Work Estimate	NEW FISCAL YEAR	YEAR 2013 - 2014	YEAR 2013 - 2014 YTD
	YEAR 2014 - 2015	Revised - YEAR 2014-2015 Projected	Projected	Nov 2013
INCOME				
Gross Revenue (Gallons) Pump Outs	\$70,000.00	\$70,000	\$70,000.00	\$41,216.00
Current Receipts User Revenue	\$0.00	\$0		
Current Reimbursements	\$0.00	\$0		
Current Year Town Disbursement	\$0.00	\$0		
Prior Year Collections	\$0.00	\$0		
Inventiment / Interest	\$0.00	\$0		
Prior Year Carry Over (-4208)	\$7,800.00	\$11,000	\$14,464.00	\$10,031.00
Gross Income Total --	\$77,800.00	\$81,000	\$84,464.00	\$51,247.00
EXPENSES				
01-202-0220-0000-000 Advertising / Legal Notices	\$1,000.00	1,000.00		\$0.00
01-202-0220-0002-000 WP Clerk WWM Project	\$0.00	0.00	\$600.00	
01-202-0220-0003-000 WPCA Clerk	\$2,400.00	2,400.00	\$1,763.00	\$300.00
01-202-0220-0005-000 Supplies	\$600.00	600.00	\$200.00	\$67.97
01-202-0220-0006-000 Postage-Mailing Preparation	\$2,000.00	2,000.00	\$400.00	
01-202-0220-0007-000 Legal Counsel	\$12,000.00	15,000.00	\$5,000.00	
01-202-0220-0010-000 Consultant / Testing	\$17,000.00	17,000.00	\$16,500.00	\$13,258.92
01-202-0220-0020-000 Storm Water Consultant	\$500.00	500.00	\$0.00	
01-202-0220-0010-001 Waste Water Project - TF	\$0.00	0.00	\$500.00	\$100.00
01-202-0220-0012-000 Printing	\$2,000.00	2,000.00	\$750.00	\$349.12
01-202-0220-0020-000 WP Clerk	\$0.00	0.00	\$0.00	
01-202-0220-0000-000 WWM Consultant	\$12,000.00	14,000.00	\$0.00	
01-202-0220-0000-000 Data Processing Costs	\$3,600.00	0.00	\$0.00	
01-202-0220-0000-000 WWM Wages	\$16,000.00	22,204.00		
01-202-0220-0000-000 WWM Wages Overtime	\$0.00	0.00		
01-202-0220-0000-000 WWM Taxes Employee Benefits	\$1,800.00	3,474.93		
01-202-0220-0000-000 WWM Contracted Services		0.00		
01-202-0220-0000-000 WWM Construction Projects		0.00		
01-202-0220-0000-000 Bond Interest		0.00		
01-202-0220-0000-000 Prior Year Refunds - Usage		0.00		
01-202-0220-0000-000 Transport & Septage Disposal	\$80,000.00	100,000.00		
01-202-0220-0000-000 Permitting	\$500.00	500.00		
01-202-0220-0000-000 Town Contracted Services	\$400.00	400.00		
01-202-0220-0000-000 Other Expenses MISC				
Total Expenses	\$151,800.00	181,078.93	\$25,713.00	\$14,076.01
NET EARNINGS / LOSS				
	-\$74,000.00	-\$100,078.93	\$58,751.00	\$37,170.99
Budget Requested		\$115,100.00		

Orange - Indicates Septage Transfer Numbers
Blue indicates Wastewater Mgmt Project Costs
Green Indicates Carryover Prior Year

Old Lyme Septic Transfer Facility – Operational Overview

3/11/14

1. When an OL taxpayer wants or needs his tank pumped out he calls his hauler. His hauler may have sent him a notice that his recommended pump-out period was up or maybe the taxpayer got a letter from the OLWPCA indicating that his five year pump-out was required.
2. Each hauler has a fee for his OL customers that may take advantage of the lower tipping fee (\$0.08/gal in 2013) he gets at our transfer station or not. The tipping fees in our area to discharge septage range from \$0.045 in Hartford to \$0.10 in Deep River and Matabasset, but only if they'll take it. Like New London, they often won't take out of town septage (Septage = sewage minus the liquids that went to your leaching field). The Old Lyme Transfer Facility will only receive septage from an Old Lyme residence. This amounts to about one million gallons per year.
3. An example: A hauler has 500 gallons of septage on his truck from Saybrook, and on his next stop takes 1000 gallons from an Old Lyme residence. He can only drop 1000 gallons at our transfer facility at \$0.08 because he has no ticket for the first 500. This becomes an operating cost (fuel) dilemma as he has to figure whether to take the whole load somewhere else, costing him fuel, or drop what he can with OL, or drive all the way to Hartford, which is never cost effective. Again, most towns will not take septage from another town.
4. So the hauler drops the 1000 gal ticket in the box at the transfer station and dumps his load. The rest of his load has to go somewhere else. Later that month OLWPCA bills that hauler \$80 ($\0.08×1000). At the same time the hauler sends the OL homeowner a bill for \$350, as an example, that includes the cost of the truck, the operator, the \$80 disposal fee, etc., etc. The take away here is that whether the disposal fee was \$0.08 or \$0.10, it doesn't really matter. The hauler's biggest cost, after the truck is fuel.
5. However, OL got the information on the ticket because the hauler could save a few bucks not driving the OL load all the way to Deep River. And he could pick up another customer without going to a plant. Does the homeowner appreciate that? Probably not, but we get the data. That kept the WPCA in good standing with the DEP for decades that we were monitoring the health of our 6000+/- septic systems.
6. Back to the transfer station. Every four or five weeks our transfer facility has, for the sake of demonstration, 100,000 gallons of septage from Old Lyme residences. What do we do with that? State statute requires that every CT town provide a means for the disposal of sanitary waste. Homes with septic tanks transported their septage to our transfer facility where it is separated into liquids and solids. The solids are about 10% water. The solids are trucked to Matabasset to be incinerated under contract with Shoreline Sanitation and the liquids are trucked to whatever plant will give us the best price for it, typically New London. New London often

wants the liquids to dilute their sewerage. For homes connected to a sewer such as Point of Woods, their sewage (liquids and solids) go to New London. Once it is pumped all the way to New London the sewage is treated, maybe (depending on rainfall), and is discharged into the Thames River. It passes through many lift pumps in East Lyme, Waterford and New London.

7. The Town of Old Lyme pays Shoreline Sanitation about \$100K a year to dispose of our septage. We collect about \$70K from the haulers from their tickets. Therefore it costs the town about \$30K more to dispose of our septage than we receive. This amount, with adjustment from time to time, is what it costs the town to dispose of town septage in accordance with State Statute. Twenty years ago that cost operated septic lagoons. Since we closed them in the early 90's that amount has been used keep the transfer station viable. The funds have come from the general fund in the past but could be managed within the WPCA budget.
8. If the WPCA wanted to reduce this \$30K the only real way would be to raise the tipping fees to a number that, at 1,000,000 gallons, would break even with what it costs to take it away. The number of septic systems in Old Lyme went down by 415 when Point of Woods sewerred. If our tipping fee to collect septage went to a break-even price of 11 or 12 cents per gallon, the transfer station would no longer be attractive to the haulers and would not get used. When we set the tipping fees with Shoreline Sanitation we look at what we expect to pay for the removal and what we expect to get in revenue. It is a careful balance between what the haulers will pay and what we want to offset. The current offset will continue to work until we sewer the beach communities.
9. One way to reduce the offset would be to reduce the cost of disposing of septage filtrate (liquids) by treating it ourselves in our proposed treatment facility. There would still be some cost because the filtrate didn't originate on the beach but it should be less that sending it out of town, if not just because of the transportation cost. Hopefully the plant will have the capacity to take Old Lyme filtrate. The solids will still have to be incinerated just as the solids from the treatment plant will have to be, whether from cluster tanks at the source or central collection.
10. This may be more than you wanted to know about what we do with your waste but the proposed treatment plant will certainly be integrated into a solution for the whole town so it's important that we all know how we got here and how it works. I would be happy to arrange a tour of the facility any time we want to get together.