

WEST AMWELL TOWNSHIP BOARD OF HEALTH
May 28, 2015 – 7:30 p.m.

The West Amwell Township Board of Health met on the above date and called to order at 7:35 p.m.

Board members present: Ken Hart, George Fisher, John Dale, and Jim Cally. Excused were Rick Kropp, Zach Rich and Brian Mundhenk. Mr. Cally will be a full voting member this evening.

Public in attendance included David Specca, Cathy Urbanski, Janice Zuzov, Art Neufeld, and Bill Jupinka

The Oath of Office was administered to John Dale by the Board Secretary.

Vice Chair Hart declared the meeting in compliance with the Open Public Meetings Act. Notice of this meeting was included in the Resolution faxed to the Hunterdon County Democrat and Trenton Times on January 24, 2014, was posted on the bulletin board in the Municipal Building on said date and has remained continuously posted as required under the Statute. A copy of this notice is and has been available to the public and is on file in the office of the Municipal Clerk.

PRESENTATION OF MINUTES

The December 18, 2014 minutes were held.

The January 23, 2014 Re-organization & Regular meeting minutes were approved on motion from Fisher, seconded by Cally.

AGENDA REVIEW

OPEN TO THE PUBLIC/TOPIC NOT ON THE AGENDA

INTRODUCTION OF ORDINANCES AND/OR PUBLIC HEARING AND/OR SPECIAL PRESENTATION

Presentation Concerning Organic Waste/Rutgers EcoComplex Proposed Project – David Specca of the Rutgers Eco-complex presented an overview of the feasibility study for a digester system for manure and local restaurant waste on the Fulper farm. He relayed that manure and food waste produce a better result than manure alone and that there is interest at the State level whereby two tons of waste per week could be separated out and taken to compost facilities within 25 miles of a food establishment. A diagram of how the system works was distributed and Mr. Specca commented that the idea is modeled after laws in Rhode Island, Massachusetts, and Connecticut. He has worked with Rob Fulper in the past and have discussed this opportunity for a feasibility study to see if it might be a good fit. He explained the workings of the system and how it can be used to generate electricity. Questions from Mr. Fisher included the number of cows that would be needed (500) and the closest city whereby food waste would be obtained. To the latter inquiry, Mr. Specca mentioned Princeton and Lawrenceville as they would be within the 25 mile radius. Mr. Hart noted that something like this would fit with areas with larger restaurants and grocery stores as recycling food waste is voluntary residentially and whether this would be constructed if a grant is received. Mr. Specca offered that at this point it is only a feasibility study to analyze availability of the needed materials, the best fit for an anerobic digester, and the output of such a system to see if the economics are there. Mr. Hart also questioned waste storage and was advised that this would

be in an in-ground hopper whereby the materials would be dumped in order to minimize odor, although the holding would be only a day or two. There would be a continuous flow in that fresh materials would be added daily. Mr. Cally inquired about where the solids would be used once the water had been extracted and was advised that it could be used as bedding or sold. The liquid would be a field application. The need for a Class C, RD&D permit was noted and that there may be beneficial uses besides the farm.

Cathy Urbanski, the Environmental Commission chair, raised questions as to location, noted the tremendous problems in the past with Fulper, and questioned who would benefit from this installation. The benefit was noted as Fulper and the local tax payer. Janice Zuzov inquired about the time frame of the feasibility study and the cost of the system. The study has a maximum time of 12 months and \$20,000 is included to cover salaries, field trips and a summer intern. The system itself would be upwards of \$500,000. The size of the digester would be approximately the size of a large grain bin plus storage space and would cover less than ½ of an acre. To the question of what other compounds would be added, the response was that there needs to be a balance between nitrogen and carbon with a PH close to 7. It was noted that that Fulpers have 120 milk cows plus additional stock of 60 and that no additional manure would be brought to the facility, although if there were 500 cows, no food waste would be required. Art Neufeld inquired whether a traffic study was to be part of the project, as well as a projected number of trucks, and was answered in the affirmative. No additional water is required as the process generates its own. Mr. Specca left the meeting at 8:13 p.m.

NEW BUSINESS:

Refund Resolution for Block 8 Lot 23.05

BOH RESOLUTION #06-2015

WHEREAS, the BOH established a policy regarding the refund of STW fees, and

WHEREAS, the policy states that

1. the second day has to be cancelled by the end of the first day of testing with a call to the secretary
2. an administration fee of \$50.00 would be deducted from the refund OR
3. credit would be given for another testing date scheduled within 30 days on same Block and Lot, and

WHEREAS, this policy was further amended to apply the administrative fee to all subsequent days cancelled in line with the established guidelines, and

WHEREAS, the following applicant meets the above qualifications for second and/or subsequent-day refund minus the administration fee

BLOCK/LOT	NAME	AMOUNT
8/23.05	Goldenbaum Bail	\$300.00

THEREFORE BE IT RESOLVED by the West Amwell Township Board of Health that the aforementioned applicant(s) receive a second and/or subsequent day refund in the amount stated above.

The Resolution was unanimously approved on motion from Fisher, seconded by Dale.

Request for Waiver – Block 41 Lot 1.01 – Bill Jupinka of Bayer Risse Engineering presented the difficulties encountered on this lot and overviewed the conditions found thereon. The latter included septic backing up into the house and hitting septic everywhere they dug. Testing was moved to the front which became an issue due to the proximity of the well. A new well will have to be drilled as there is no record of the amount of casing. The current well capped will have to be capped. The toe of the mound to the property line is 7 ½ feet, which is less than County requirements. The system presented is an improvement over what was there and placement was limited. When questioned why a peat system was not considered, Mr. Jupinka relayed that there would have been more components involved. A resolution was presented for consideration.

BOH RESOLUTION #07-2015

WHEREAS, a septic system alteration request has been referred to the Township Board of Health for Block 41 Lot 1.01 for an existing 3 bedroom dwelling with no expansion; and

WHEREAS, the use of an advanced technology system called the Hoot Aerobic treatment unit has been incorporated into the design; and

WHEREAS, this advanced treatment device is a new alternative technology that has been approved by the DEP, which has provided a revised guidance document dated January 2008 to be used by the local Board of Health when reviewing these plans; and,

WHEREAS, 7:9A was revised on April 2, 2012 and incorporated the aerobic systems in the code and now are not considered alternative technologies but rather Advanced Wastewater Pretreatment according to 8.3 of the code; and

WHEREAS, this design incorporates H-500 which is a correct unit for a 3 bedroom dwelling; and

WHEREAS, the Board can approve the proposed design since the DEP has given local Boards of Health authority to approve these technologies; and,

WHEREAS, the following waivers and approvals will need to be acted on by the Board

1. The zone of treatment can be reduced to 18 inches at the discretion of the Administrative Authority when Advanced Wastewater Pretreatment is being proposed.
2. The proposed septic and pump tanks will be only 5 feet from the existing dwelling which does not meet the minimum separation distance of 10 feet by code. As per 7:9-4.3, the distance can be reduced to 5 feet with special approval by the Board
3. The proposed disposal bed will be only 7.5 feet from the property line which does not meet the minimum separation distance of 10 feet by code.

4. The toe of slope is only approximately 3 feet from the property line which does not meet the County's policy of 10 feet; and
5. Since the existing well will only be 20 feet from the proposed disposal bed, a new well will be drilled a minimum of 50 feet from the system. According to 7:9-4.3, the distance can be reduced to 50 feet provided there is 50 feet of casing in the well. Approval from the Board should be conditional upon obtaining a permit with any additional casing required by the DEP. (The old well will be sealed by a licensed well driller and witnessed by County Health)

WHEREAS, all requirements and conditions for Advanced Treatment Units are listed in the general notes numbers 28-32 on page 9 of the plot plan including a maintenance agreement, deed notice and NEHA certification for the system installer; and

WHEREAS, this is a malfunctioning system, the Board can consider waivers and special approvals since the system, per 7:9A 3.3(e) 2ii is more in conformance with the code; and

THEREFORE BE IT RESOLVED by the West Amwell Township Board of Health that the approval listed in #1 above as outlined in the County's May 13, 2015 letter be granted.

BE IT FURTHER RESOLVED that **special approval** is hereby given for #2 above; and

BE IT FURTHER RESOLVED that waivers for #3 and #4 above, with design engineer inspection of the grading and certification that the final grading has not led to any office water issues for the latter, are granted

BE IT FURTHER RESOLVED that approval of #5 above is **conditioned** upon obtaining a permit with any additional casing required by the DEP, that old well be sealed by a licensed well driller and witnessed by the a representative of the County Division of Health

BE IT FURTHER RESOLVED that proof of the maintenance contract and any required reports on monitoring be provided to the West Amwell Board of Health and the Hunterdon County Division of Health

BE IT FURTHER RESOLVED that the maintenance agreement be provided to the owner and kept with the house

BE IT FINALLY RESOLVED that this resolution be forwarded to the Hunterdon County Division of Health, the engineer of record and the applicant.

The Resolution was unanimously approved on motion from Dale, seconded by Fisher.

UNFINISHED BUSINESS

Update on Salt Testing – The results of the latest round of well testing were provided by Rick Kropp via e-mail to the Board secretary. The e-mail relayed that there were no major changes except that the 'before treatment' sample on one particular well dropped significantly. Mr. Cally questioned whether a low volume well run by another affected resident to help dissipate the salt

was still under consideration. The new Road Supervisor will need to be trained to conduct the next round of testing.

ADMINISTRATIVE REPORTS:

Bill List for May 2015

DATE	VENDOR	AMOUNT PAID
2/18/2015	Russell Reid, Inc – 2 pump outs	667.69
	James P. Chalupa - STW	1200.00
3/18/2015	Home Depot – filters	68.88
	Russell Reid, Inc – 2 pump outs	667.69
	James P. Chalupa – STW	200.00
4/15/2015	NJ Analytical - firehouse water test	70.00
	Russell Reid – 2 pump outs	668.68
	James P. Chalupa – STW	1,400.00
5/20/2015	Russell Reid – 3 pump outs	1,001.55
	NJ Analytical Labs – Hewitt water test	130.00
	James P. Chalupa – STW	2,000.00

NOTE: The above invoices were received and paid from the BOH line item and are provided for informational purposes.

Soil Test Witness Report for January, February, March, April & May 2015

BOARD OF HEALTH
SOIL WITNESSING REPORT
Month of: January 2015

Tests Performed:

<u>Name</u>	<u>Block Lot</u>	<u>Address</u>
Bruce Wooden	29/16.02	45 Woodens Lane

Monies Received and Deposited: \$ 3150.00
Fees Refunded: \$ 0.00

BOARD OF HEALTH
SOIL WITNESSING REPORT
Month of: February 2015

Tests Performed:

<u>Name</u>	<u>Block Lot</u>	<u>Address</u>
Phil Muller	8/38 (farm house)	36 Rocktown-Lamb. Rd
B. Asplundh	19/3	239 Rock Road West

Monies Received and Deposited: \$ 50.00
Fees Refunded: \$ 0.00

BOARD OF HEALTH
SOIL WITNESSING REPORT
Month of: March 2015

Tests Performed:

<u>Name</u>	<u>Block Lot</u>	<u>Address</u>
Breen	8/23.05	2 Kari Drive
Reasoner	41/1.01	210 Hancock Street

Monies Received and Deposited: \$ 4,250.00
Fees Refunded: \$ 0.00

BOARD OF HEALTH
SOIL WITNESSING REPORT
Month of: April 2015

Tests Performed:

<u>Name</u>	<u>Block Lot</u>	<u>Address</u>
Zink	29/15.04	19 Woodens Lane
DeHaven	6/13	130 Bowne Station Road
Miltz	22/18	361 Rock Road East
Etchells	31/7	23 Barry Road
Bajzath	13/39	324 Rocktown-Lamb. Road

Monies Received and Deposited: \$ 1,400.00
Fees Refunded: \$ 0.00

BOARD OF HEALTH
SOIL WITNESSING REPORT
Month of: May 2015

Tests Performed:

<u>Name</u>	<u>Block Lot</u>	<u>Address</u>
Elliott	30/10.01	639 Brunswick Pike

Monies Received and Deposited: \$ 400.00
Fees Refunded: \$ 0.00

The reports were accepted as presented with no further discussion.

Website Review – None

CLOSED SESSION & RESULTS, IF ANY:

None needed.

CORRESPONDENCE:

The correspondence as listed on the Agenda was reviewed and ordered filed.

DISCUSSION:

ADJOURNMENT:

There being no further business before the Board, the meeting was unanimously adjourned at 8:28 p.m. on motion from Fisher.

Respectfully submitted,

Lora Olsen, Secretary

APPROVED: October 22, 2015