

Administrator's Report
Board of Health Meeting of January 10, 2014

Report covers from 12-12-13 to 01-09-14

Items requiring Board vote are noted with an asterisk ()*

APPOINTMENTS:

John Duncan/James Preston RE: 0 Story St. enforcement order. Mr. Duncan & Preston came into the office to discuss the situation. Mr. Duncan stated that he intends to grind this wood and move it from the property either to be used in landscaping or for sale. He also mentioned moving this process to his property, uphill for the current site. I requested that he have a plan to present to the Board.

I spoke to Mr. John Carrigan of DEP about this. He feels this processing is allowed, under specific conditions. It cannot be substantially accumulated, cause a nuisance or public health or environmental hazard. At this time I am waiting for him to send the specific regulations that pertain to this.

I also spoke to our Fire Chief. He stated that A permit is required from the Fire Dept. for the processing and storage of a limited amount of material.

Dave Clark Re: Pump waiver request for septic pump. David Clark from Clearwater industries is requesting a waiver from our local pump regulations to have Orenco Prostep pumps to be used in town.

Our local regs require the following -

- Pump can pass 3/4" solids (minimum) - 231(7), EDS 1100.2
- Pump has integrated overload protection and 10 starts/hr. – EDS 1100.2
- System has lifting chain, sch. 80 float mast, & removable valves – EDS 1100.1-3
- Best design practices used incl. pump/pipe/cable strain relief – EDS 1100.2-3

I have no issue with using the Orenco pump if Mr. Clark satisfactorily explains equal or better service than our regulations require.

A. Inspection Report Reviews

(1) 234 John Wise Ave., Cutter, Map 21, Lot 6*

I reviewed the Title 5 inspection report for this property that was submitted as part of the Board's permission to the owner to clean the existing soil absorption area, rather than replace the system. I am in agreement with the determination of the inspector that this system passed the inspection.

Recommendation: I recommend that this report be filed. I don't feel that a letter is necessary, as this is part of a mandate from the Board.

B. Soil Evaluations / Waiver Explorations

None

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C. Septic System Design Plan Reviews

(1) 19 Soginese Rd., Cushing, Map 18, Lot 2*

I finished my review of the 19 Soginese Rd and have the following comments-

1. It appears that the septic tank and pump chamber are close to, or entirely in the high GW. table. 4 of the 5 TPs had eshgw at 10" and one had it at 30". A pit wasn't dug in the immediate area of the tanks, so it must be estimated at existing grade for the buoyancy calcs.
2. The tanks also don't appear to have the req'd 12" separation between the inverts and gw. Since this is new const, I don't feel comfortable recommending to the Board that they grant a LUA for this - there may be too many potential problems down the road. I recommend raising the tanks and (likely) the foundation or a return to the site to perform a test pit to determine gw.
3. If any lines remain within 12" of the eshgw, non leach lines must be tested for water tightness.
4. The liner that surrounds the s.a.s. doesn't have a bottom elevation that is a minimum of 1' into natural ground (bottom elevation of liner is 20.3; C1 must be removed to depths of 13.4 and 16.6 for TPs 4 & 5).
5. Show finished spot grades over s.a.s.
6. System profile states "B soil shall remain", yet the test pits require removal of C1 horizons.

Recommendation: I recommend that the Board disapprove this plan, dated 11-19-13, for the above reasons.

(2) 15 Lufkin Point Rd., a/k/a 0 Lufkin Point Rd., Kitsis, Map 20, Lot 2B*

I reviewed the revised septic system plan for the new septic tank/pump chamber component of this system and found the following needed changes –

1. Pump specs are needed (solids capacity, overload protection, etc)
2. Pump chamber vol. is needed.
3. Notation to permanently seal the unused tank cover is needed
4. Septic tank air spaces are needed to be noted
5. The tank detail doesn't show the risers above grade
6. The required pump dose doesn't match the actual dose.

Recommendation: I recommend this plan, dated Jan 31, 2007 with a2-18-13 revision date be disapproved for the above reasons.

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(3) 125R Rocky Hill Rd., Cataldo, Map 6, Lot 36*

I reviewed the revised septic plan for new construction (addition) at this property and note the following required changes –

1. The septic tank must be 10" from the addition (stilt foundation treated as a slab)
2. The grading easement must be recorded at the time of transfer and proof of the recording sent to the BOH.
3. A P.E. stamp is required for the retaining wall.
4. Spot grades on top of the s.as. are required
5. Magnetic marking tape is required over all the system components
6. Buoyancy calculations are required for the septic tank.

Recommendation: I recommend this plan, designed 9-5-13 and revised 12-3-13 be disapproved for the above reasons.

(4) 36R2 Story St., Kempiski, Map 35, Lot 3C*

I reviewed the submitted septic plan for new construction of a septic system and found the following needed changes –

1. Benchmarks must be noted
2. My field book classifies the C horizon of TP 2 as Sandy Loam, rather than loamy sand as noted on the plan.
3. The system must have differential venting.
4. An I & M contract is required for the life of the system
5. A deed notification of the systems use on the property is required prior to issuance of a COC.
6. A tee is required on the D-box inlet
7. The center manhole of the septic tank must be permanently sealed water tight if not brought to grade.
8. Septic tank covers must be brought to just above finished grade
9. The D box must be used as an observation port.
10. The D box detail stated lines must be laid level or use speed levelers – this is incorrect.

Recommendation: I recommend this plan, dated 1-8-14 be disapproved for the above reasons.

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D. Septic System Installations

None

E. Building Permit Applications & Occupancy Permits

None

F. Well Water Supply Certificates

None

G. Meetings Attended (for information only)

No meetings attended since last report.

H. Complaints

I. Hazards Abated Via Enforcement Orders

J. Other Issues

(1) Sick Time *

I used some sick time this week.

Recommendation: Approval of time used.

K. Tracking of Housing, Food Service, and Other Miscellaneous Board Issues