

**GUNNISON COUNTY ENVIRONMENTAL HEALTH BOARD**  
**AGENDA: WEDNESDAY, DECEMBER 4TH, 2013**

- 1:00 p.m.**
- **Call to order; determine quorum**
  - **Approval of Minutes from the November 13<sup>th</sup>, 2013 meeting**
  - **Unscheduled citizens:** A brief period in which the public is invited to make general comments or ask questions of the Board or County Staff about items which are not scheduled on the day's agenda.
- 1:15 p.m. Environmental Health Board and County Staff Work Session:**  
Items to be discussed by the Board and County Staff:
- A. Colorado Public Health & Environment, Water Quality Control Commission-On-Site Wastewater Treatment System Regulation: Deadlines for adoption, overview of major changes, scheduling for meetings, Identification of major changes and/or issues. Determination of resources, support, training, etc. needed to work through the major changes and/or issues.

**Adjourn**

NOTE: Unless otherwise noted, all meetings are conducted in the Blackstock Government Center Meeting Room at 221 N. Wisconsin Street in Gunnison, across the street from the Post Office. Anyone needing special accommodations please contact the Community Development Department (641-0360) before the meeting.

**GUNNISON COUNTY ENVIRONMENTAL HEALTH BOARD SCHEDULED MEETING  
DECEMBER 04, 2013**

The Gunnison County Environmental Health Board conducted a meeting, in the Commissioner's Meeting room in the Blackstocks Government Center, Planning Commission room.

**Present Were:**

Lucinda Lull, Chairperson  
Eddy Balch, EH Board Member  
Ed Bavouset, EH Board Member Alternate  
Russ Forrest, Asst. County Manager Economic Dev.  
Michelle Spain, Admin. Assistant

Larry Parachini, Vice-Chairperson  
Jeff Sellen, EH Board Member  
Steve Glazer, EH Board Member Alternate  
Crystal Lambert, Building & E.H. Official

**Absent Were:** Rodney Due, EH Board Member

Other attendees as listed in text.

1:24:40 PM Call to order by Lull, quorum was determined, postings were completed.

Approval of minutes: To be reviewed at next meeting.

1:26:08 PM

**Environmental Health Board and County Staff Work Session:**

Items to be discussed by the Board and County Staff:

- A. Colorado Public Health & Environment, Water Quality Control Commission-On-Site Wastewater Treatment System Regulation: Deadlines for adoption, overview of major changes, scheduling for meetings, Identification of major changes and/or issues. Determination of resources, support, training, etc. needed to work through the major changes and/or issues.

Lambert reviewed the handouts.

**TREATMENT LEVELS (TABLE 6-3)**

- 1) TL 1 - Septic tank effluent meets the definition of high strength wastewater
- 2) TL 2 - Elgen or Advantex meets NSF/ANSI 40 standards
- 3) TL 2N – Same as TL 2 but with a proven reduction of 50% total N
- 4) TL 3 and TL 3N – No known systems yet but the Division anticipates a day there will be one. They must go through Section 13 Technology Review and Acceptance administered only by the Division.

**ITEMS FOR REVIEW  
SUBMITTED BY CRYSTAL LAMBERT**

- 1) Table 7-1 Minimum Horizontal Distances
- 2) Table 7-2 Higher Level Treatment Considerations
  - a) Reduced Separation Distances
  - b) STA Reductions & Vertical / Horizontal
  - c) Separation distance reduction based on use of higher treatment levels require an oversight program for inspection, maintenance, and repair with possibly monitoring. (Section 14.D. page 77)

- 3) Transfer of Title Inspections Page 19, Section 4.M.
- 4) Product Development Permits & Experimental Systems, Page 17, 4.I & 4.J.
- 5) Vaults Page 6,7, Section 12.D
- 6) Soil Treatment Area Calculations Reg 43
  - a) Gal/Day Design Flow
  - b) LTAR Gal/SF/day Table 10-1 given increased LTAR for higher levels of treatment Table 10-1 page 55
  - c) Size Adjustment factors are given in Table 10-2 for Methods of application and in Table 10-3 for types of storage/distribution
- 7) Renewable permits 4.N. page 22

- FYI** 1) Soil Tests  
2) Gray water

Forrest reviewed the pertinent items that we will be reviewing the next few months.

- 1) Minimum horizontal set back guidelines. See page 42 of the State regulations. Table 7 in our regulations.

Forrest indicated that this is a simple change and ours is more stringent.

- 2) Table 7.2. Reduced setbacks from ground water. Treatment levels were discussed and explained by Lambert. Treatment Level (TL) 1, TL2, TL2N, TL3. Treatment levels can reduce setbacks, field size.

Balch asked if this was a performance base requirements.

Lambert indicated that this would trigger a total monitoring inspection system.

Forrest indicated that our software could trigger this notification. What if the customer refuses this inspection, can the county require enforcement. We need to review this with BOCC, attorneys, and current staff.

Glazer asked if we wanted to do this and what kind of funding is available.

Forrest indicated that we will be asking other counties that utilize these systems on how they monitor, report, and pass on fees.

Glazer responded that water quality inspection ports need to be installed for monitoring purposes.

Lambert indicated that these higher levels could be required as a components of Special Reviews. The Division will be working on the necessary reviews that need to be in place this winter.

Lull discussed the one acre requirements.

Glazer stated that the Irwin area was able to get the one acre requirement met.

Balch brought up vault systems in the Townships.

- 3) Vault systems were then discussed. Crystal passed out proposed amendments by us. In the new state regs vaults are allowed with stringent requirements. We have not done the comparison as of yet.
- 4) Transfer of title disclosure.

Lull indicated that we should check with our Title Companies to see which document should be used and recorded so this can be caught by the companies.

Forrest indicated we would need to also get an educational procedure in place to notify the seller/buyer of these changes.

Discussion on escrowing funds for inspections.

Bavouset indicated that title companies would do the necessary research of title.

Balch indicated that this is educating the consumer on proper maintenance.

5) Product development systems. This would be under a Special Review.

Crystal reviewed the State of Colorado's regulations concerning the grey water systems. The State will be making recommendations after their reviews are in place.

6) Renewable permits. The permits are good for one year and then they must be renewed.

Glazer indicated that annual renewals may not be efficient for our department. Possible every 5 years was discussed. The management and administrative costs were discussed.

7) Reduce the soil treatment area. Higher level of treatment was discussed.

Crystal indicated that you cannot go above 50% reduction per the state.

Pumping of septic systems was discussed and the proper time lines.

Pitkin has a septic clerk that gives the notices of proper inspections. There is an enforcement clause in this resolution.

Parachini discussed the proper levels and 30% would indicate a possible maintenance. Every 5 years the tanks need to be pumped no matter what the levels were.

Fees on inspection and pumping were discussed.

No more outhouse are allowed in the Town of Pitkin.

Bavouset asked about the different treatment levels and are there any downsides to be aware of. Crystal responded that page 55 table 10.1 gives a detailed breakdown. The shaded area of this table could be Special Review only.

Tables and modifications were discussed.

Parachini questioned the sand depth on soils type 1.

Crystal likes the current set back as it is for water bodies.

Sellen indicated that the State standards may be coming closer to our more stringent ones. How many more counties have more stringent requirements? Crystal responded that she was unsure.

Crystal indicated that percs in conjunction with soils testing will be the new norm.

Crystal indicated that possibly we could charge additional fees for the testing of soils. Sellen indicated that currently WSCU has no soils testing classes. He will see if this could be something that could be added.

Crystal indicated that these 7 items are the big things that need to be addressed and reviewed by this board. If we could draft these items.

4) Transfer of title inspections. The intent is to assure that the system is functioning as it was designed to operate.

Discussion of inspections and how much they can see. Functioning systems were discussed.

Bavouset asked Parachini what he looked at during his inspections of systems. Parachini indicated the first item was to locate the system. Area #1, area #2 was discussed and how these items were inspected. Is the pipe intact, are the mechanical components operating? Parachini did his own certifications.

Glazer asked to review the State's requirements.

- a) N-1. And N-2 OK
- b) N-3 title transfer documents were discussed. Sale of property, transfer of money. Less than 12 months.
- c) N-4 physical report makeup.

Balch requested that Crystal should check other counties for their procedure on this for the next meeting. Boulder already has this. Douglas county also operates under the new regulations.

Fees for inspections were discussed in the various counties.

Real Estate contracts and requirements were discussed. Deeds were discussed for transfer of ownership. What type of filings will trigger the inspection process?

Sellen leaves the meeting for the day

2:48:45 pm =Break=

Spain leaves the meeting

2:59:03 pm re-convened

The following attached picture of the work session item board was discussed.

DECISIONS

- 1) Table 7-1 Minimum Horizontal Distances <sup>maintain current</sup>
- Table 7-2 Higher Level Treatment Considerations

2) STA reductions & Vertical / horizontal Separation distance reductions based on use of higher treatment levels require Oversight Program for inspection, maintenance, & repair & possibly monitoring. Section 14.D. page 77.

3) Transfer of Title Inspections Page 19, Section 4.24.

4) product development permits & experimental systems page 17, 4.IGUJ.

5) Vaults page 67, Section 12D.

7) Renewable permits 4.N page 22

Soil Treatment Area Calc Page 43

$$\frac{\text{gal/day Design flow}}{\text{LTAR gal/SF/day}}$$

Table 10-1 given  
 ← increased LTAR for higher levels of treatment Table 10-1 page 55

Size Adjustment factors are given in Table 10-2 for Methods of application & in Table 10-3 for types of Storage/distribution

- FVI
- 1) SOIL TESTS
  - 2) GRAY WATER

Vault systems were discussed. Referral to the State regulations was noted.

Renewable permits were discussed.

Discussion of the new State representative for the State Public Health Department.

High Level Treatment Considerations will be reviewed at the next meeting. The consideration of the department to adopt the LTAR would be the sending of notices and the enforcement for noncompliance.

Lull and Glazer will be contacted for the next meeting. They will join the meeting by phone.

Parachini, Bavouset, Balch will attend the next meetings.

Lambert will proceed to draft our regulations.

Next meeting will be January 15, 2014, at 1:00PM.

Adjourned 03:33pm

/S/ Michelle Spain  
Administrative Assistant  
Gunnison County Community Development Department

DECISIONS

Maintain Current

1) Table 7-1 Minimum Horizontal Distances

Table 7-2 Higher Level Treatment Considerations

Reduced Separation Distances

2) STA reductions & Vertical / Horizontal

Separation distance reductions based on use of higher treatment levels require Oversight Program for inspection, maintenance, & repair & possibly monitoring. Section 14.D. page 77.

3) Transfer of Title Inspections

Page 19, Section 4.M.

4) product development permits (experimental)

Systems page 17, 4.I & 4.J.

7) Renewable Permits 4.N. page 72

Soil Treatment Area Calc. Page 43

$$\frac{T \cdot V_T}{T \cdot V_T}$$

gal/day Design flow

$$\frac{LTAR \text{ gal/SF/day}}{\text{gal/day}}$$

Table 10-1 given  
increased LTAR for higher levels of treatment  
Table 10-1 page 55

Size Adjustment factors are given in Table 10-2 for Methods of application & in Table 10-3

FMI for types of Storage/distribution

1) SOIL TESTS

2) GRAY WATER

## Treatment Levels (Table 6-3)

TL1 - Septic tank effluent  
Meets the definition of high  
Strength wastewater.

TL2 - Elgen or Aduantex, meets  
NSF/ANSI 40 standard

TL2N - Same as TL2 but with  
a proven reduction of 50% Total N

TL3 & TL3N - No known  
Systems yet but the Division  
anticipates a day when.....  
Must go through Section 13  
Technology Review & Acceptance  
administered only by the Division.