

**Clark County OSS
Technical Advisory Committee**

**Meeting Minutes
April 7, 2010**

I. INTRODUCTION/APPROVAL OF JANUARY 20, 2010 MEETING MINUTES

Tom Gonzales opened the meeting by welcoming all attendees. The following people were present: Pat Ries, Mike Williams, Ted Gibson, Mark Collier, Pete Roberts, Basil Rotschy, Matt Wiard, Nathan Ek, Cory McNair, Dale Waliezer, Carla Sowder, Mark Hill, Steve Keirn, Tom Gonzales and Debbie Aultman.

- Action:** January 20, 2010 OSS TAC meeting minutes were reviewed and approved without change.

II. APPROVAL OF AGENDA

- Action:** Agenda was approved unanimously.

III. Sewer/Water Line Crossing ad hoc Presentation

The ad hoc committee comprised of Basil Rotschy, Mike Williams, Mark Collier and Tom Gonzales met to draft a document that analyzes DOE's interpretation on Water Line Crossings. Mike drafted the detailed document and Basil presented the guidance document.

Please see attached Water-Sewer Separation, page 4.

Action:

- TAC unanimously approved the Water-Sewer Separation Crossing Details document.
- Include topic discussion as agenda item in next all industry meeting in Nov/Dec.
- Make drawings accessible to certified installers.

IV. O&M PROGRAM UPDATE

1. Certification Process

Mark informed TAC members of the progress of the annual certification process by March 1, 2010. The department did not renew two O & M specialists for lack of minimum CEU's.

2. Critical Deficiency Reporting

- a. 710 inspections reported for March
- b. Critical deficiencies reported @ 4%
- c. All deficiencies reported at 35%

3. OnlineRME.com Reporting

Mark reported that UV bulbs that are not functioning are now being tagged as a critical deficiency.

4. O&M Specialist Meeting – February 11, 2010

a. PD Waiver Change

WA-DOH concurred with the proposed Class B Waiver for 2-year inspection frequency for pressure distribution systems. DOH cited the success of our program as a major reason to support the waiver.

Mark requested that if any O&M specialists receive customer calls on PD systems that have recently received a reminder post card that had their PD system inspected last year to please let him know so that he can update the database.

b. OnlineRME.com Reporting

O & M Specialists were informed that the program has made real headway in the past year thanks to their reporting on onlineRME. In 2009, there were 7,260 routine septic and property sale inspections reported. Of the routine inspections 32% were reported deficient, and of the property sale inspections 56% were reported deficient. These numbers show the significant effectiveness of the Operation and Maintenance Program.

c. O & M Field Manual Review/Update

Discussion of the following topics were: Leaky tanks, scum & sludge measurements, distribution boxes, ATU's, sand mounds and sand filters.

V. Leaking Septic Tank Challenges (Identified during O&M inspections)

O&M inspections of septic systems that reveal possible or obvious leaking components cause challenges when reporting a deficiency. Depending on how the O&M specialist views the nature and severity of the leak, can cause conflicting reports between O&M Specialists. Discussion of a model that O&M Specialists would consider a measurement of deficiency took place. The following premise was presented as a guideline to determine a deficient leaking tank:

Definition of a Leaking Tank: A septic Tank that is leaking effluent at a rate of 1" per 24 hours height within the tank or 20 gallons in volume in 24 hours.

A motion to precede with this as an acceptable standard for O&M inspections was presented by Nathan Ek, and seconded by Dale Waliezer.

Action: In order to prepare a guidance document for the O&M Field Manual, an ad hoc committee including Dale Waliezer, Pete Roberts, Matt Wiard, Matt John, Basil Rotschy, Steve Keirn will meet on Tuesday, April 13, 2010, 1:00 p.m. at Public Health. At the request of Ted Gibson, Debbie will e-mail him the time and location of the ad hoc committee meeting.

VI. Sustainability "Greening" of Clark County OSS Update

Carla opened discussion of sustainability of the OSS industry. The O&M program ensures sustainable treatment systems rather than waiting for systems to fail. The use of the onlineRME reporting system enhances the goal of sustainability by providing prompt data access.

Development of a program for on-line electronic submittals for designs, as-built/construction drawings for review and/or approvals will be discussed further during the July 14, 2010 OSS TAC meeting.

☑ Action:

OSS TAC members to include ‘sustainability’ topic as standard meeting agenda item.
Tom to review streamlining of “checklist” that was under discussion the year prior.
Members to e-mail sustainability ideas to Carla and Debbie.

VII. Update on Washington State OSS TAC

Tom reported on the Washington State’s Wastewater Technical Advisory which is a group of individuals from diverse private and public sector backgrounds who have experience, expertise related to the on-site wastewater field. The TAC advises the DOH on designs, standards and guidance, and review of on-site sewage technologies.

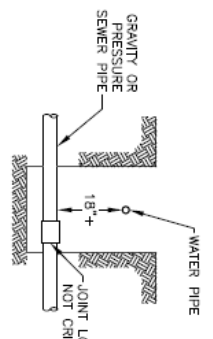
Tom encouraged all OSS TAC members to contact the state’s Wastewater TAC at DOH; and pass on some of the ideas/topics we address in our location.

VIII. NEXT MEETING

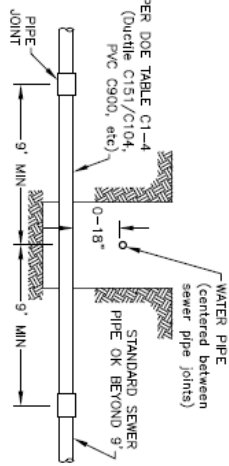
July 14, 2010

IX. ADJOURNMENT:

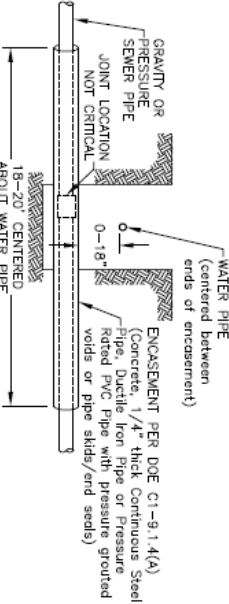
The meeting was adjourned by Tom at 4:55 pm and seconded by Steve Keirn.



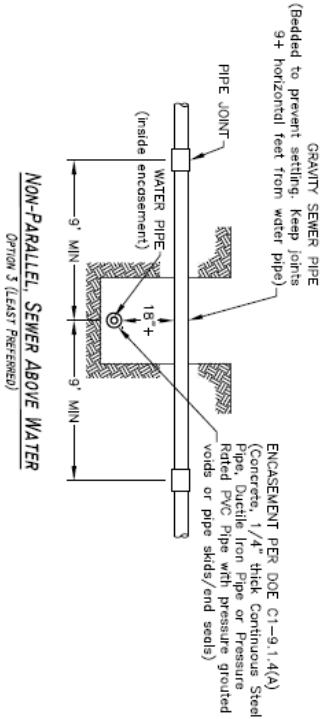
NON-PARALLEL, 18"+ SEPARATION
OPTION 1 (PREFERRED)



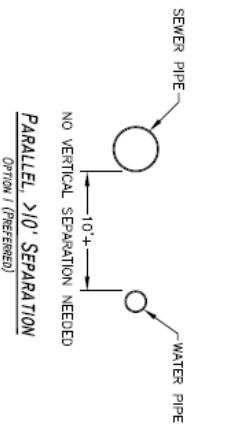
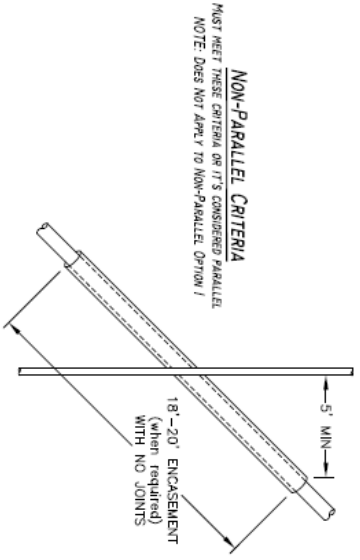
NON-PARALLEL, <18" SEPARATION
OPTION 2A



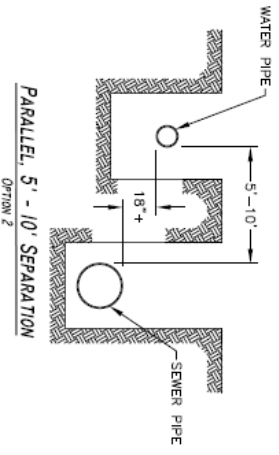
NON-PARALLEL, <18" SEPARATION
OPTION 2B



NON-PARALLEL, SEWER ABOVE WATER
OPTION 3 (LEAST PREFERRED)



PARALLEL, >10' SEPARATION
OPTION 1 (PREFERRED)



PARALLEL, 5' - 10' SEPARATION
OPTION 2



PARALLEL, <5' SEPARATION
OPTION 3 (LEAST PREFERRED)

NOTES:

- A reasonable attempt should be made to maintain 10' water/sewer pipe separation when possible
- This guidance document further outlines the requirements as indicated in the DOE Criteria For Sewage Works Design Manual as required per CCC 24.17 and WAC 246-272A
- Vertical measurements are from the crown of the lower pipe to the invert of the upper pipe

WATER AND SEWER PIPE CROSSING DETAILS
CLARK COUNTY PUBLIC HEALTH, APRIL 2010