PERIODIC REVIEW OF THE REGULATIONS FOR ALTERNATIVE ONSITE SEWAGE SYSTEMS 12VAC5-613-10 et seq. Meeting Minutes May 2, 2018

The Virginia Department of Health (VDH) held a listening session (public meeting) on May 2, 2018, in Room 122, Smyth Hall on the campus of Wytheville Community College. The purpose of the meeting was to gather comment and feedback on the Regulations for Alternative Onsite Sewage Systems (AOSS Regulations), <u>12VAC5-613</u>.

In attendance were VDH staff Karri Atwood, Douglas Canody, and Marcia Degen. No others attended. No comments were gathered.

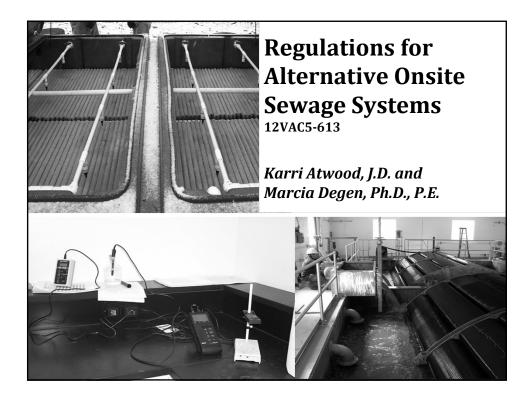
VDH reminds all that additional listening sessions are scheduled as seen in the table below.

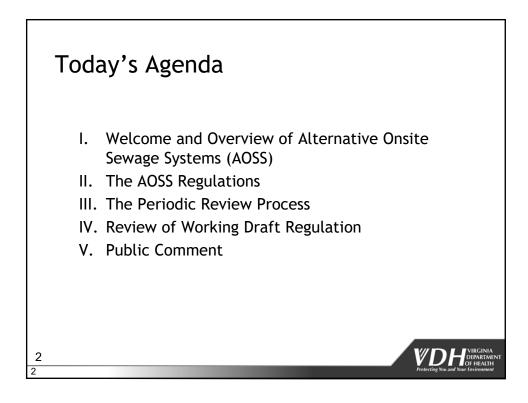
We invite you to attend a listening session to learn about the regulation and <u>the proposed</u> <u>changes</u>. If you are unable to attend a session, you may send comments to Marcia Degen at <u>marcia.degen@vdh.virginia.gov</u>, or Karri Atwood at <u>karri.atwood@vdh.virginia.gov</u>.

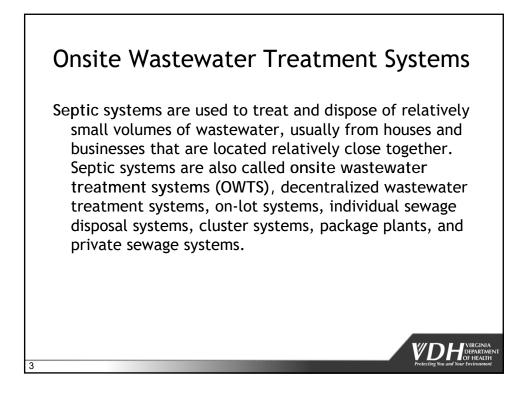
Date	Time	Location
May 2, 2018	1:30 pm to 3:30 pm	Rm 122, Smyth Hall
Southwest VA		Wytheville Community College
		1000 E. Main St.; Wytheville VA 24382
May 9, 2018	9:00 am to 11:00 am	Auditorium;_Fire and Rescue Training
Northern VA		Center 16600 Courage Ct.; Leesburg VA
		<u>20175</u>
May 10, 2018	10:00 am to 12:00 N	Board Rm; Augusta Co. Government Center
Shenandoah Valley		18 Government Center Lane; Verona, VA
May 14, 2018	1:30 pm to 3:30 pm	Perimeter Center, Board Rm 4
Central VA		9960 Mayland Dr.; Richmond VA 23233
May 22, 2018	1:30 pm to 3:30 pm	3 rd floor, Training Room A
Eastern VA		135 Hall Avenue; Suffolk VA 23434

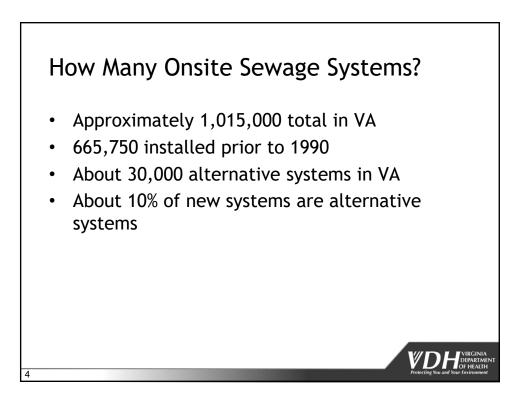
HOW TO SUBMIT COMMENTS: Comments may be submitted at any of the meetings or by email to <u>Marcia.Degen@vdh.virginia.gov</u> or <u>Karri.Atwood@vdh.virginia.gov</u>. **Comments on the working draft must be received by June 30, 2018.**

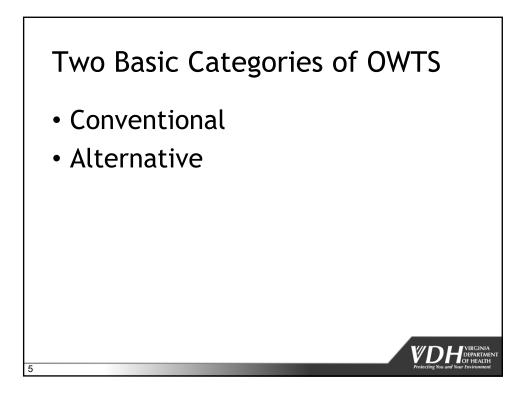
NEXT STEPS: A new working draft will be developed from the comments **received by June 30, 2018.** Focus stakeholder groups may be convened as needed to refine topics. VDH anticipates initiating the formal regulatory process to update the regulations in Fall 2018. During the formal process <u>there will be additional opportunities to comment</u> on the draft proposed regulations.

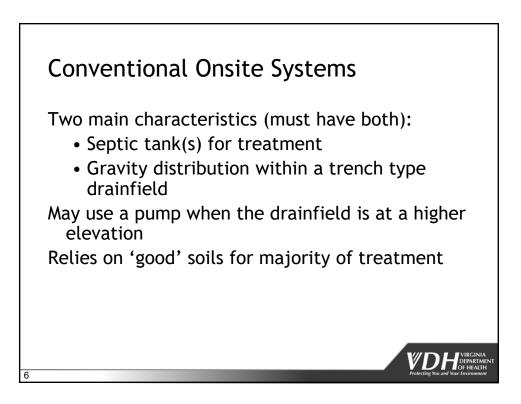


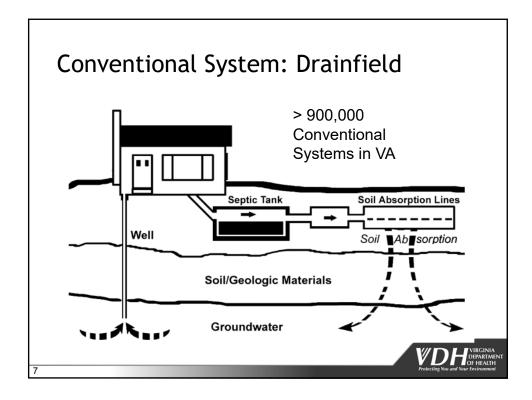


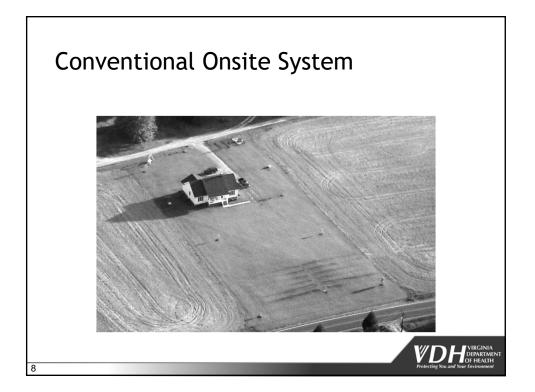


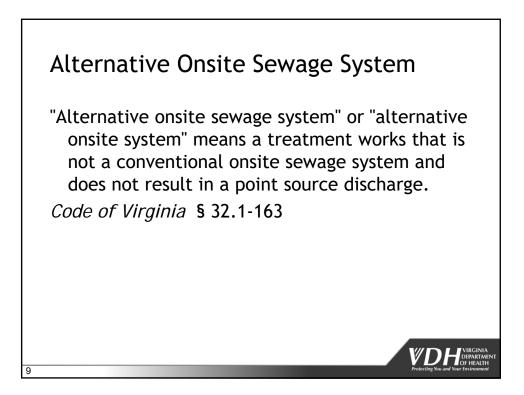


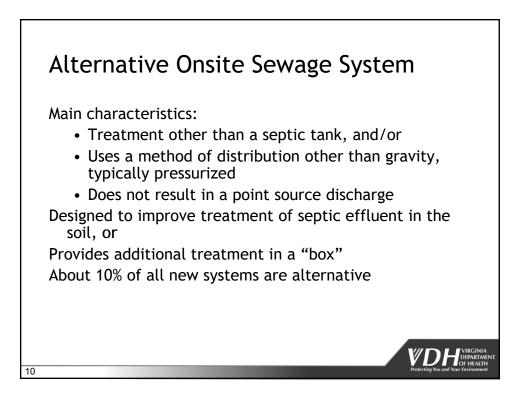


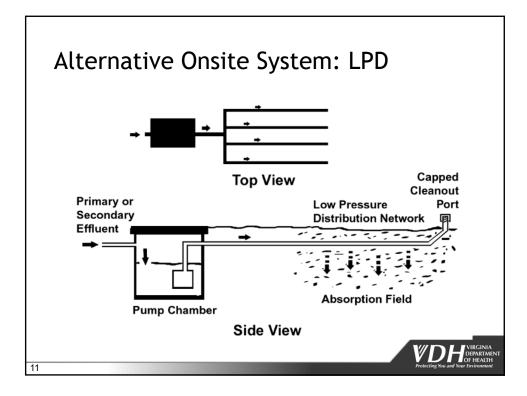


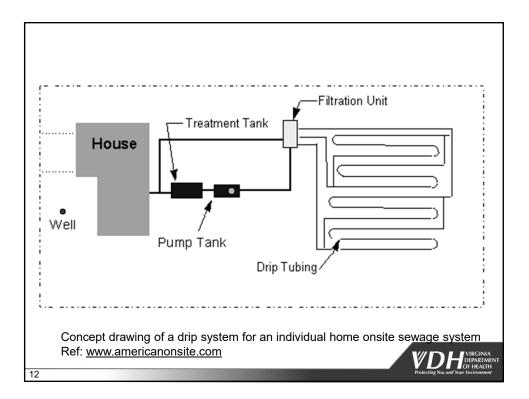


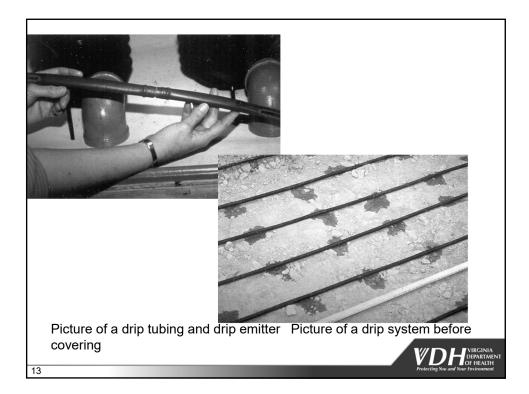






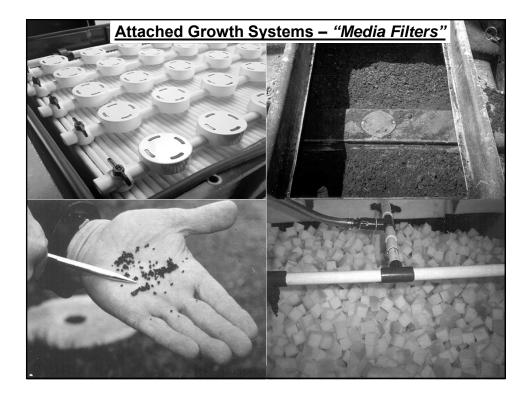


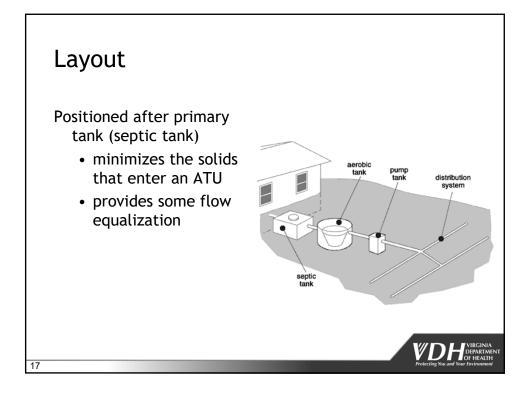




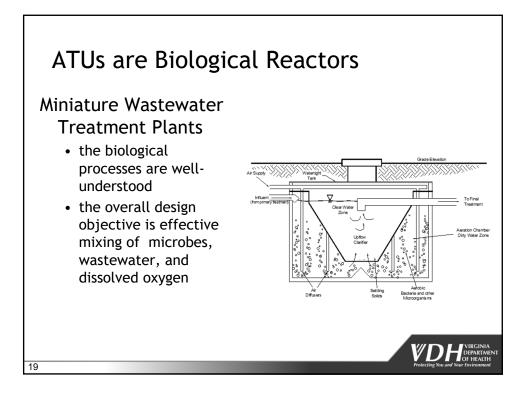




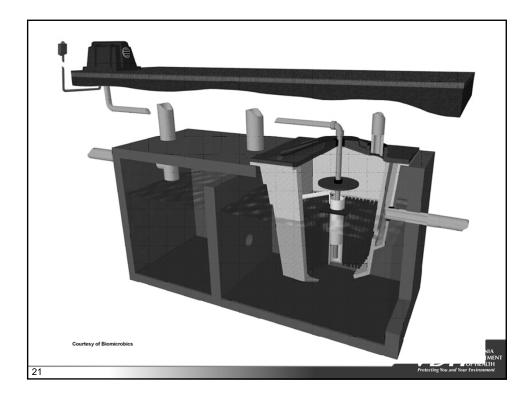


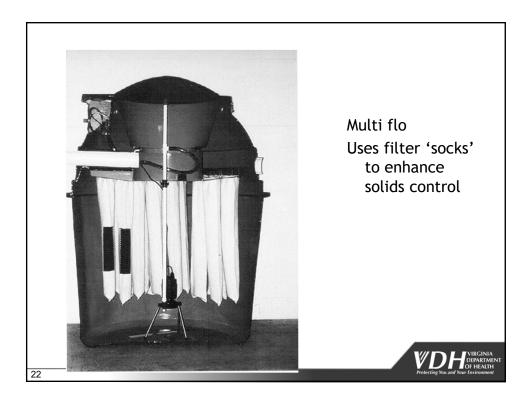


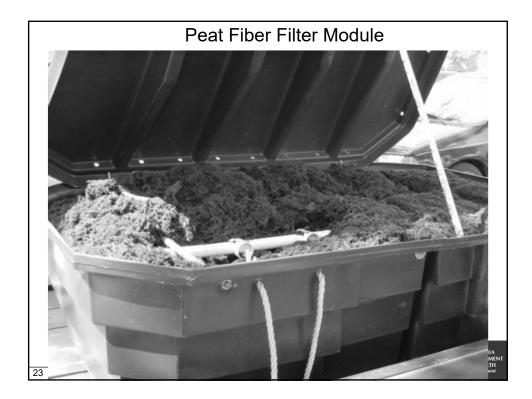




Parameter	Septic Tank	TL-2	TL-3
BOD ₅ , mg/l	200	30	10
TSS, mg/l	150	30	10
Nitrogen, mg/l	60	48	48
With N reduction	NA	30	30

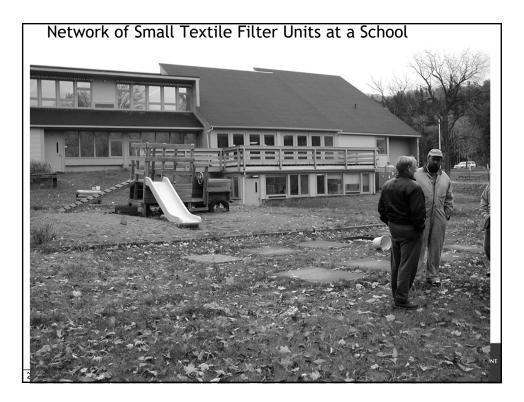


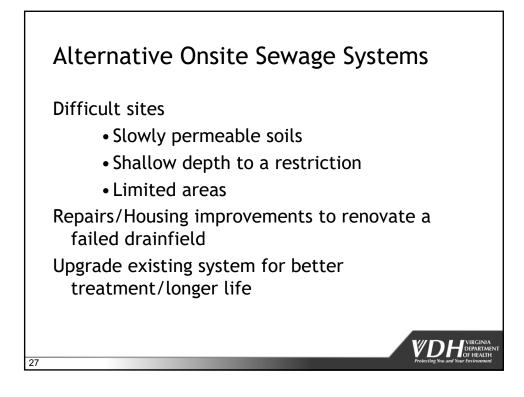




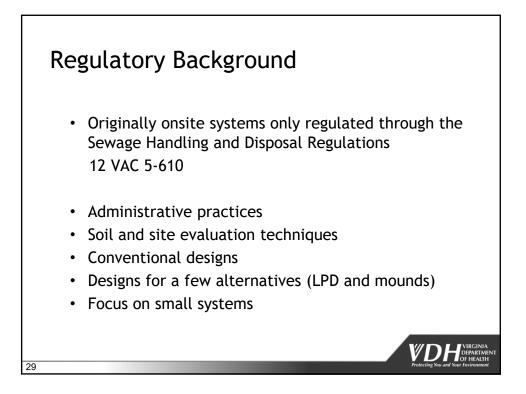


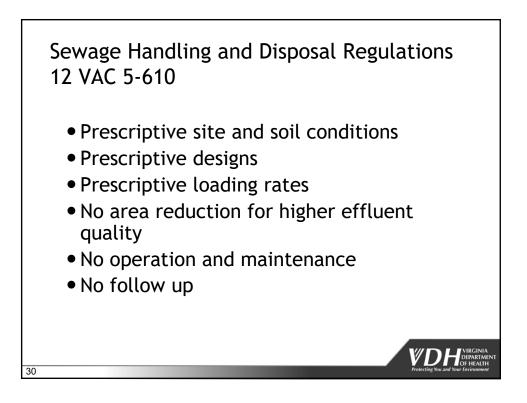


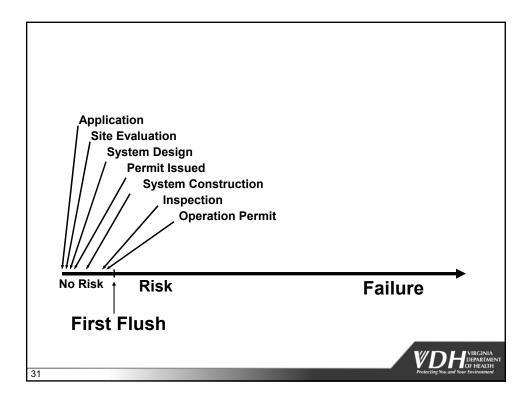


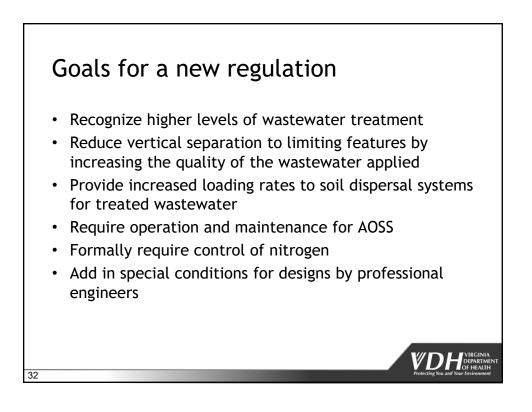


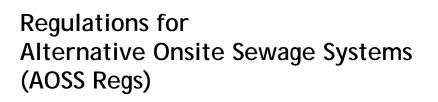








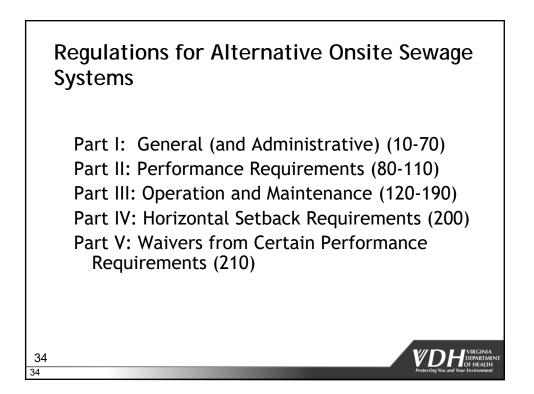


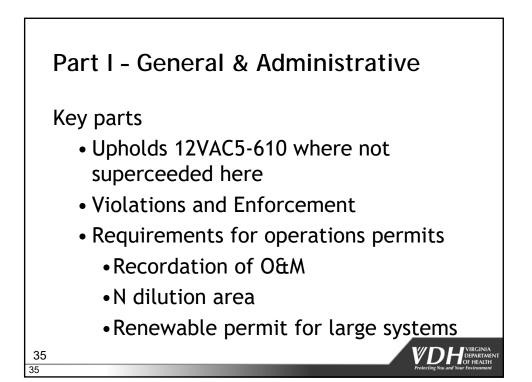


• 12 VAC 5-613

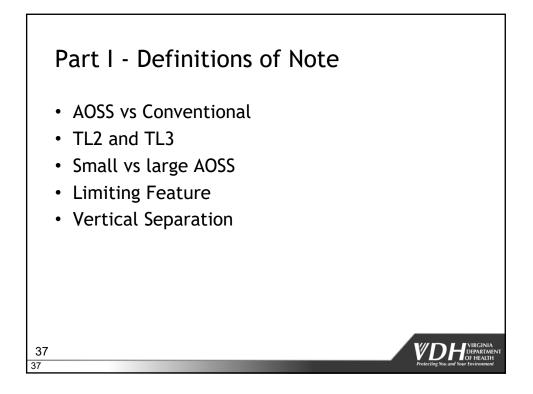
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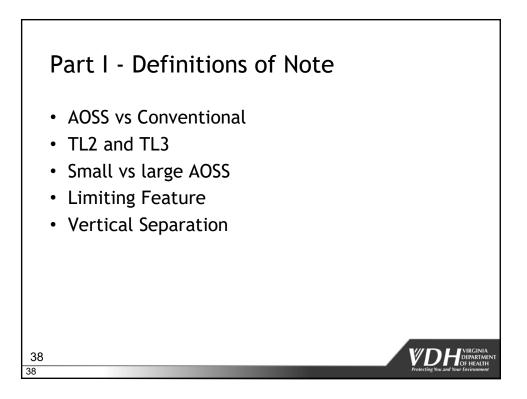
- Effective December 7, 2011
- Chesapeake Bay Total Nitrogen (TN) limits effective December 7, 2013

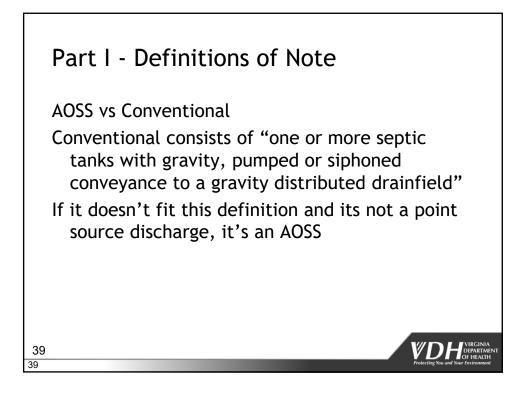


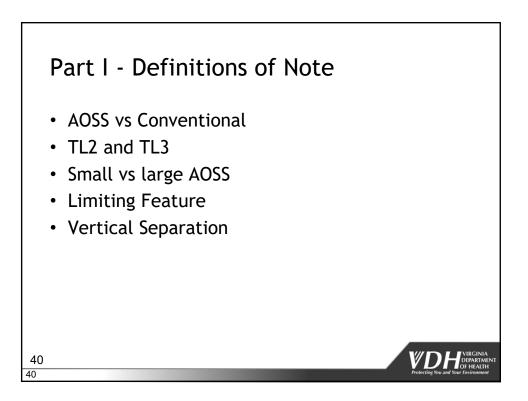


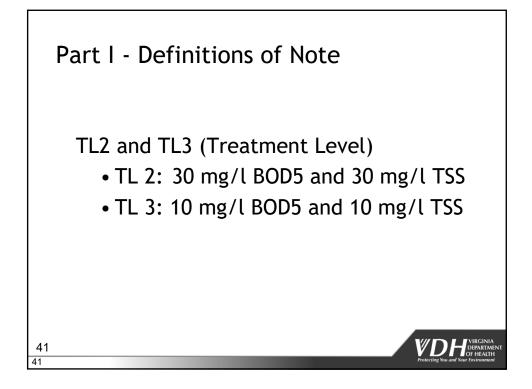
 AOSS BOD Conventional Onsite Sewage System Disinfection Dissolved Effluent Large AOSS Limiting Feature MGD Operation Operation Subsurface Operation Operation
36 Protecting You and Your Environment

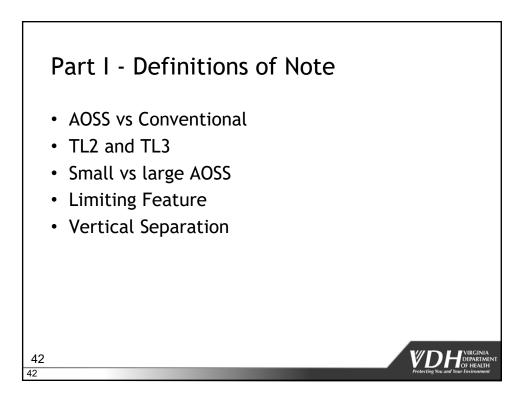


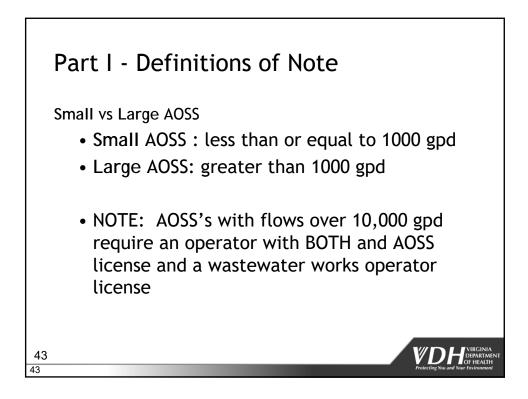


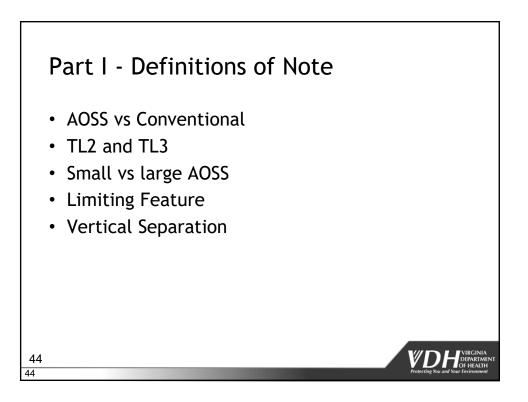


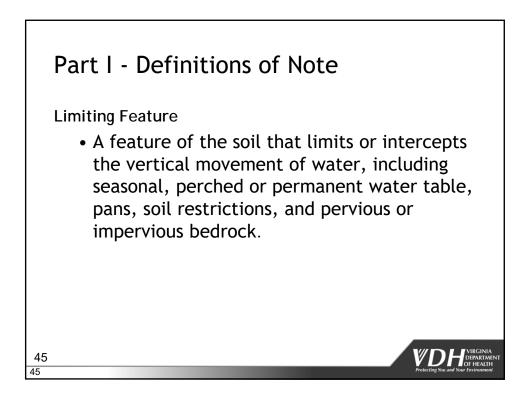


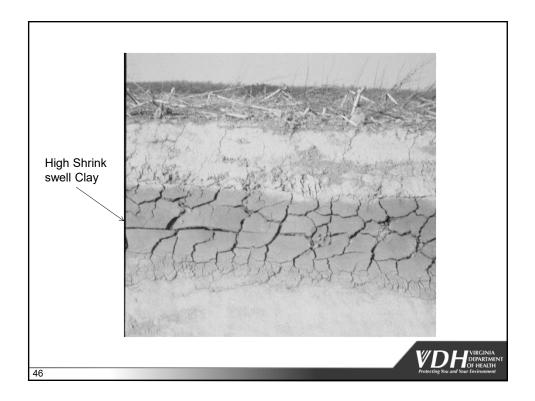


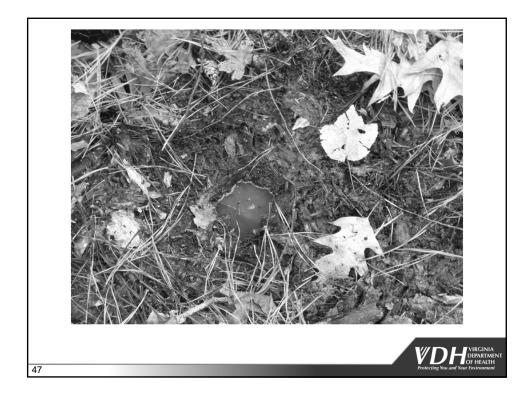


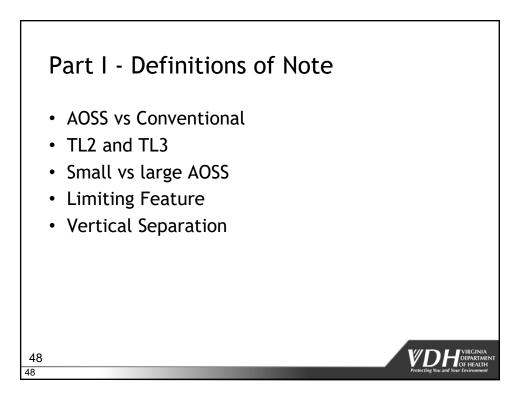


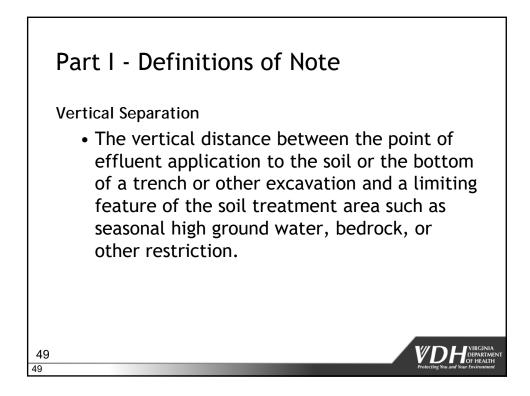


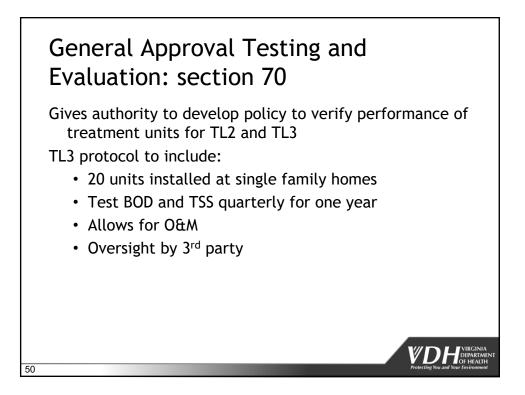


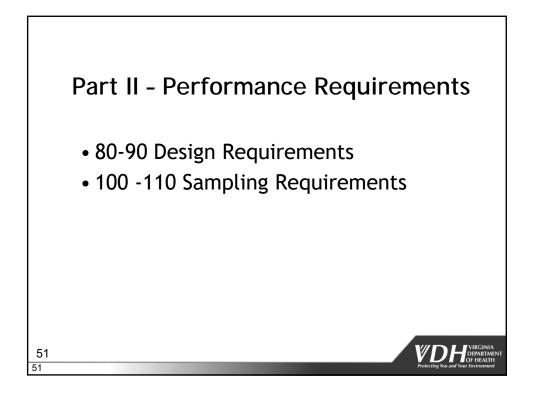












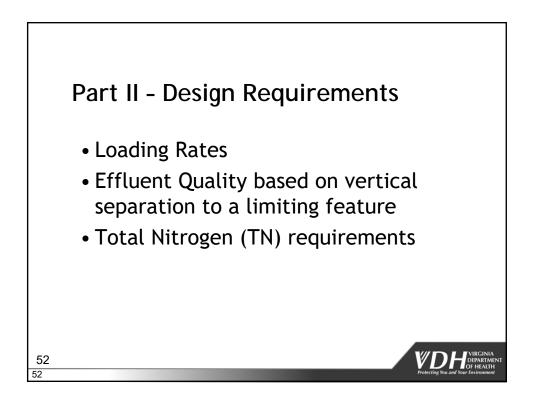


Table 1 Maximum Pressure-Dosed Trench Bottom Hydraulic Rates				
Percolation Rate (MPI)	Saturated hydraulic conductivity (cm/day)	TL-2 Effluent (gpd/sf)	TL-3 Effluent (gpd/sf)	
≤15	> 17	1.8	3.0	
15 to 25	15 to 17	1.4	2.0	
>25 to 45	10 to < 15	1.2	1.5	
>45 to 90	4 to < 10	0.8	1.0	
>90	< 4	0.4	0.5	
53 53				

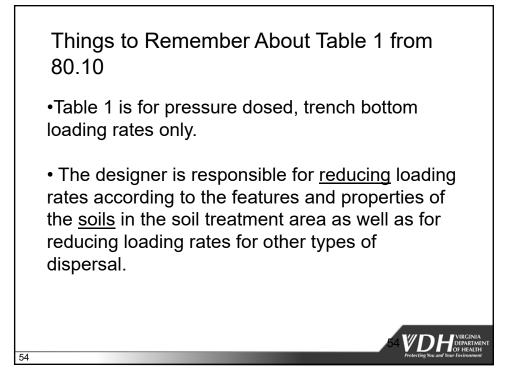
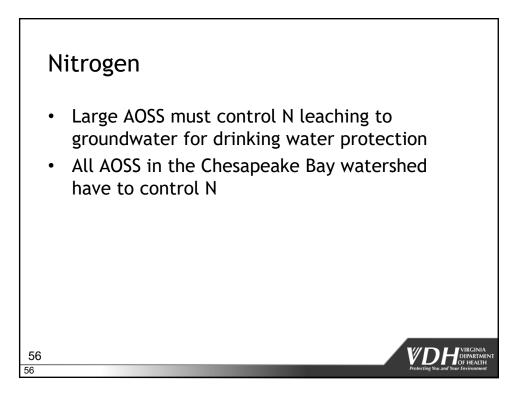
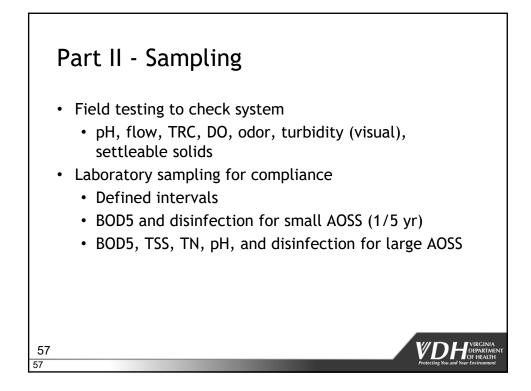
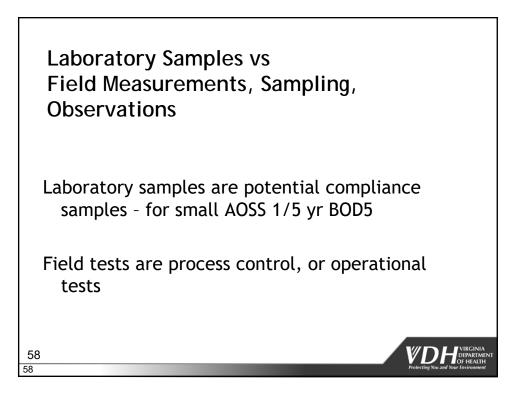


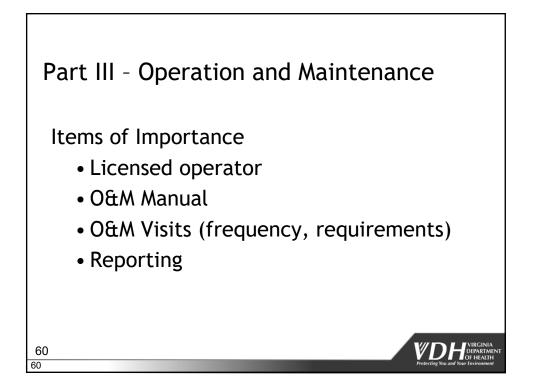
	Table 2 Minimum Effluent Requiremer Separation to Limiting Feature		
	Vertical Separation To A Limiting Feature	Minimum Effluent Quality	
	≥18" (requires naturally occurring, undisturbed soils)	Septic	
	<18" to 12" (requires minimum 6" of naturally occurring, undisturbed soils)	TL-2	
	0-12 inches	TL-3 and standard disinfection	
	<6 inches to groundwater	Direct dispersal - 5/5/5 +	
55 55		Protecting You and Your Fav	RGINIA PARTMENT HEALTH hironment

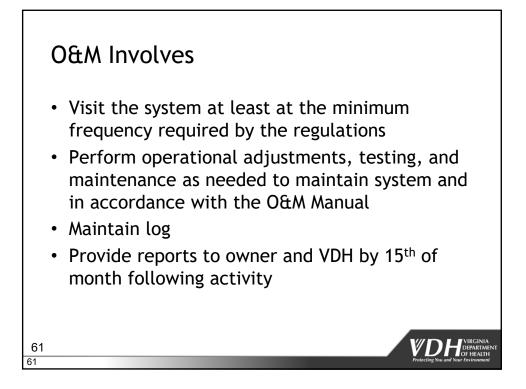




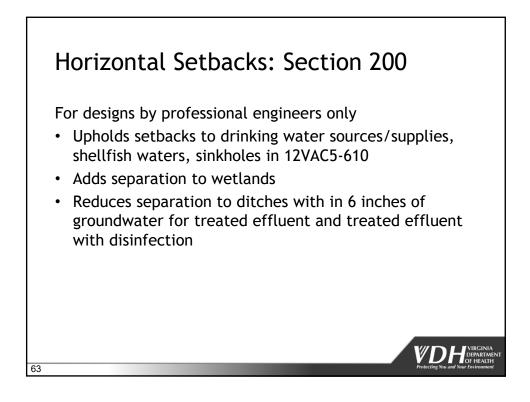


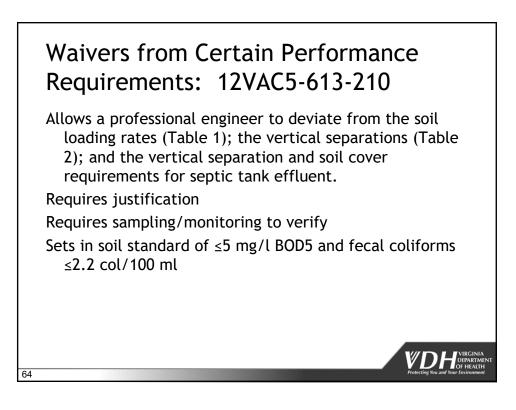
Parameter	Plant Size		
	>10,000 gpd to 40,000 gpd	>1,000 gpd to 10,000 gpd	
Flow	Measured	Measured or Estimated	
BOD5, TSS	Grab Quarterly	Grab 1/yr	
TN	Grab Quarterly	Grab 1/yr	
TRC, end of contact tank	Grab Weekly	Grab 1/yr	
Fecal Coliform	Grab Quarterly	Grab 1/yr	

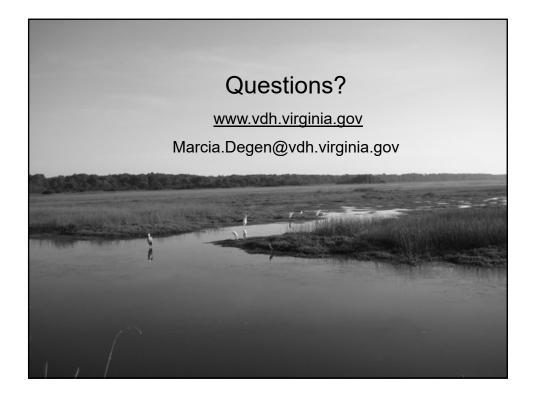


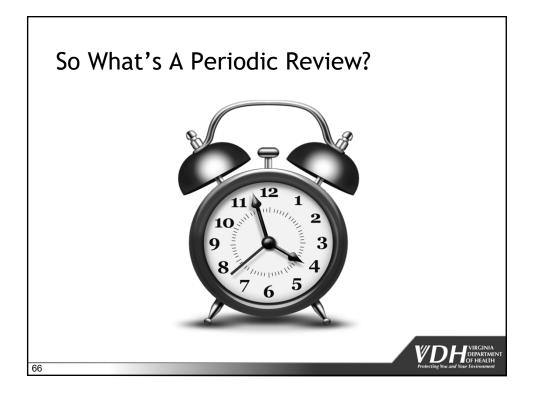


OPERATOR VISITS \leq 0.04 MGD			
Avg. Daily Flow	Initial Visit	Regular visits following initial visit	
≤ 1,000 gpd	Within 180 calendar days of the issuance of the operation permit	Every 12 Months	
>1,000 gpd to 10,000 gpd	First week of actual operation	Quarterly	
>10,000 gpd to 40,000 gpd	First week of actual operation	Monthly	
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What is a Periodic	Review?
review of regulations. Requires agencies periodically review their regulations. Exact time period determined by Executive Order. Executive Order 17 (2014). Every existing state regulation shall be reviewed at least once every four years by the promulgating agency.	 include notice to the public, public comment period (minimum of 21 days), and a result announced (no later than 60 days) Each periodic review shall include an examination by the OAG The comment period for this Periodic Review began on January 25, 2016, and ended on February 25, 2016. 34 comments were received

