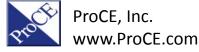
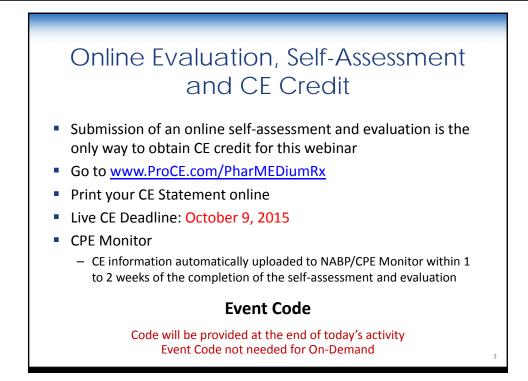
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	LUNCH AND LEARN				
	Environme		g and Contar per 11, 2015	mination Control	-
	Featured Speaker:	Scott Sutton, Ph.D. The Microbiology Netwo N. Chili, New York	ork		
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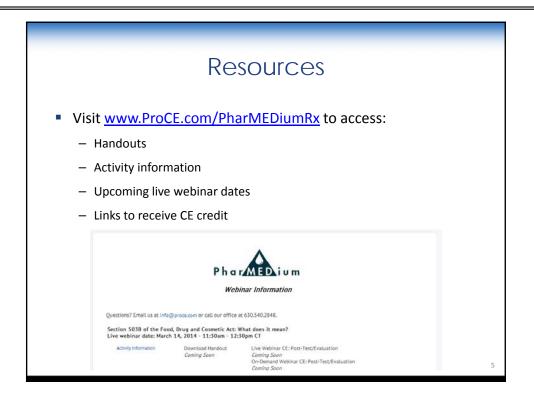


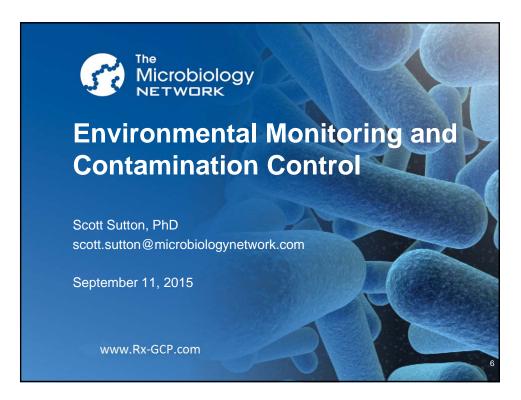






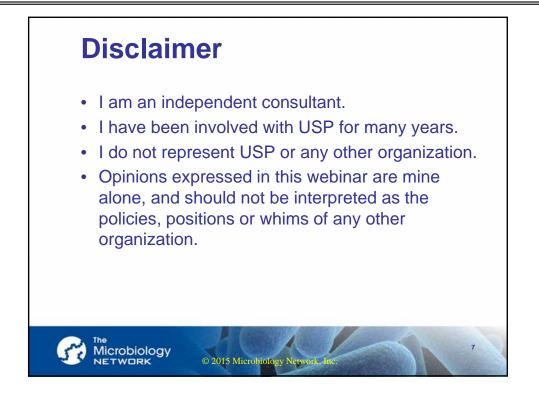
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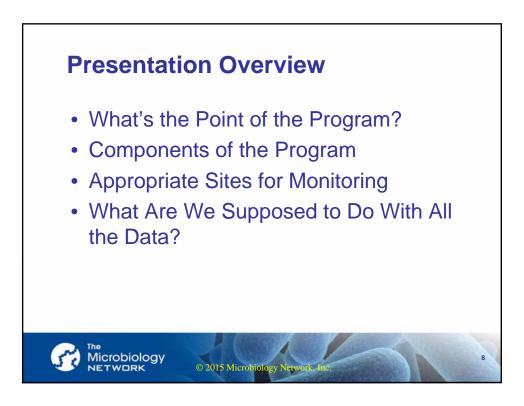






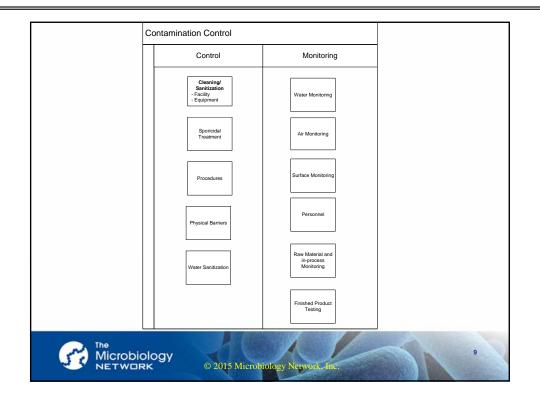
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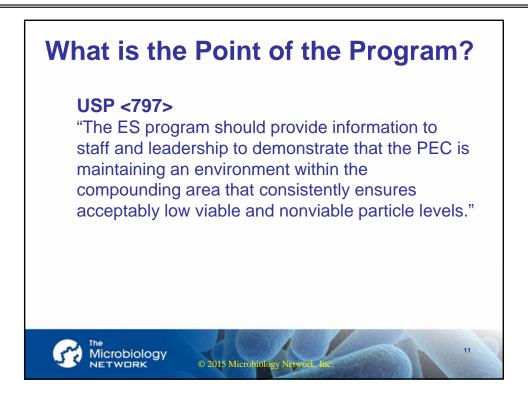


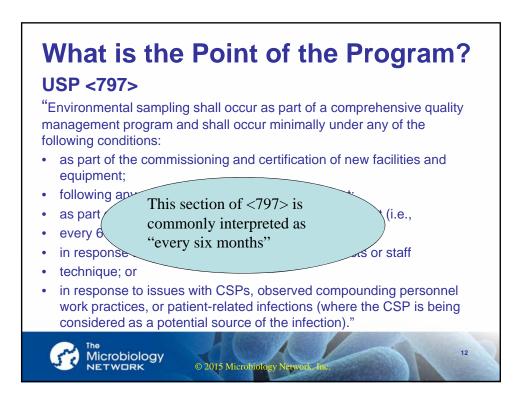
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	Validation	Control	Monitoring
Facility	Qualification of the Clean Room area and HVAC System	Maintenance of Facilities Sanitization; Revision of Barriers, Traffic Patterns, or Air Balance	Environmental Monitoring (EM)
HVAC	Qualification of the Clean Room area and HVAC System	Certification and Preventative Maintenance (PM) of System; Repair of HEPA Filters	EM
Water	Qualification of Water System	Certification and PM Regular Sanitization of System	Bioburden Monitoring of Water System
Equipment	Qualification of the Equipment as Suitable for its Intended Use	Certification and PM Regular Sanitization	EM Finished Product Release Testing
Sanitization	Validation of Cleaning, sanitization and sporicidal treaments	Regular cleaning and sanitization of facilities and equipment	EM
Personnel	Proficiency Criteria Participation in Media Fills Trending Data by Operator	Training Discipline	Personnel Monitoring Trending Data by Operator
Process	Process Validation	Acceptance Testing of Raw Materials and Containers	In-process Bioburden Monitoring Finished Product Release Testing

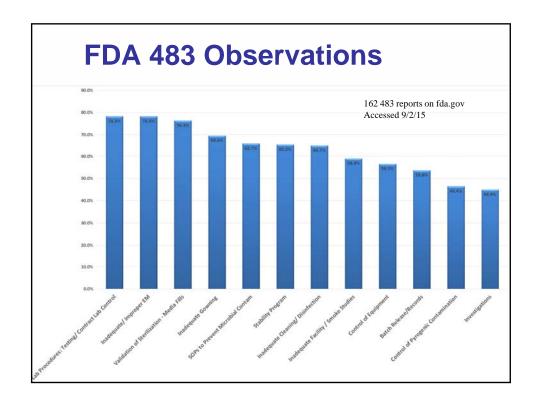






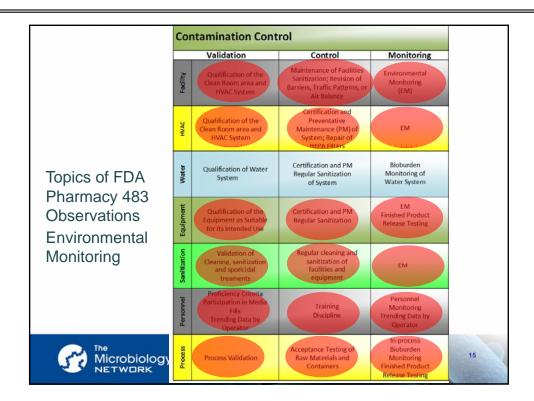








Environmental Monitoring and Contamination Control PharMEDium Lunch and Learn Series



EM – Documentation of Pharmacy Environment "State of Control"

"In aseptic processing, one of the most important laboratory controls is the environmental monitoring program. This program provides meaningful information on the quality of the aseptic processing environment (e.g., when a given batch is being manufactured) as well as environmental trends of ancillary clean areas. Environmental monitoring should promptly identify potential routes of contamination, allowing for implementation of corrections before product contamination occurs (211.42 and 211.113)."

FDA. 2004. Guidance for Industry: Sterile Drug Products Produced by Aseptic Processing - Current Good Manufacturing Practice. Section X.A.1.

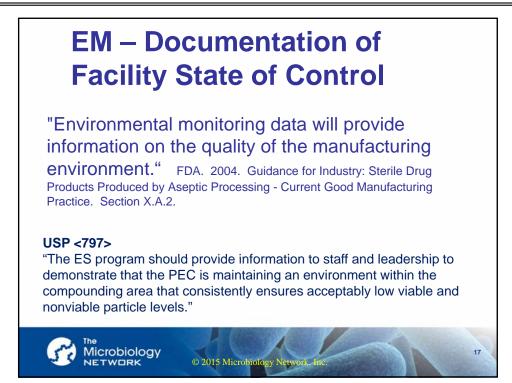
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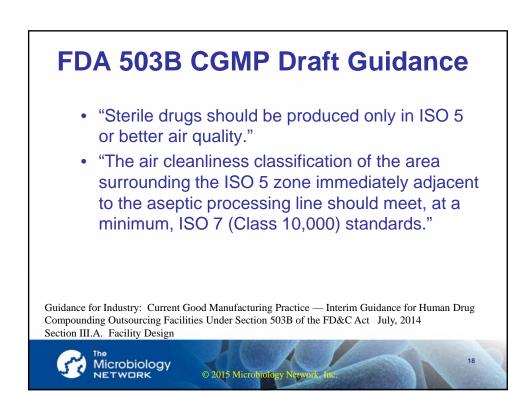


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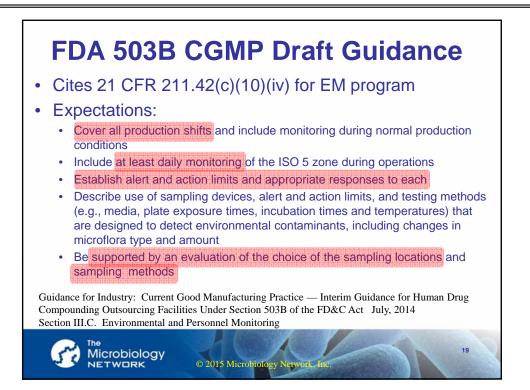
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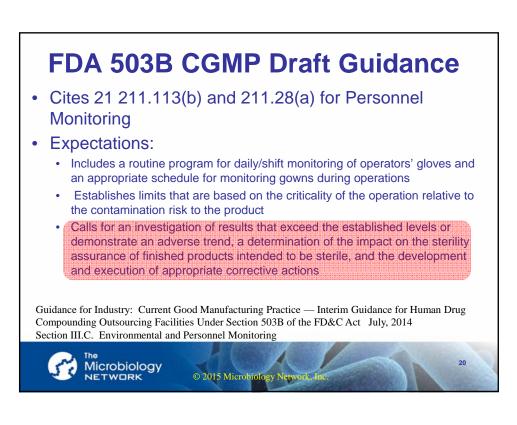
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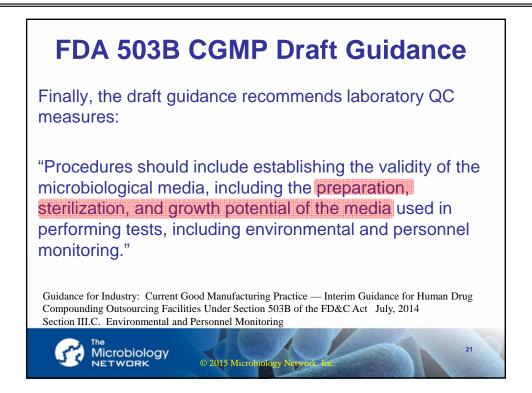


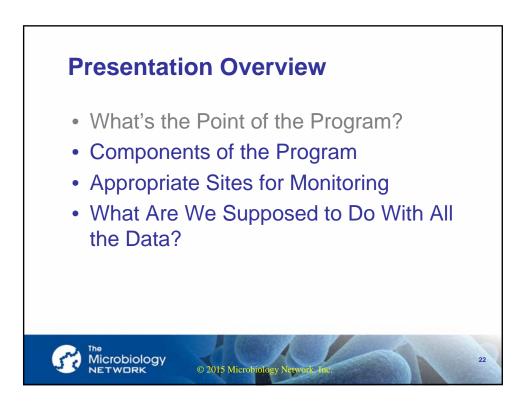




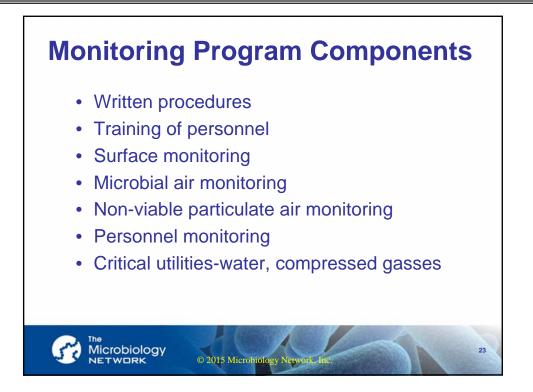


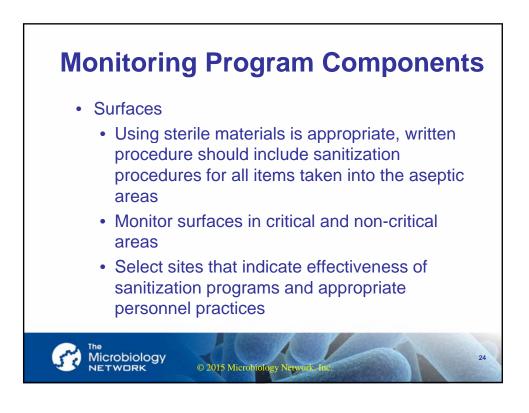




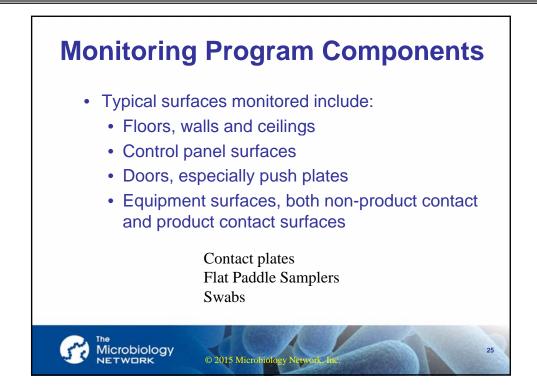


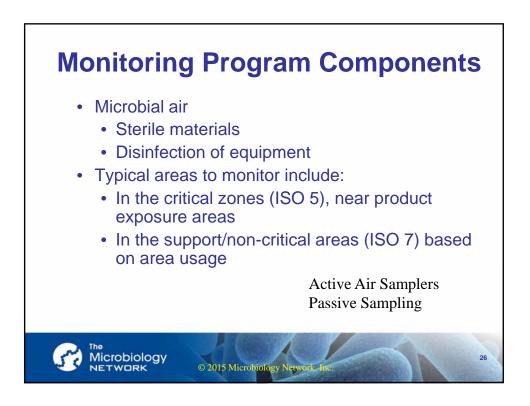




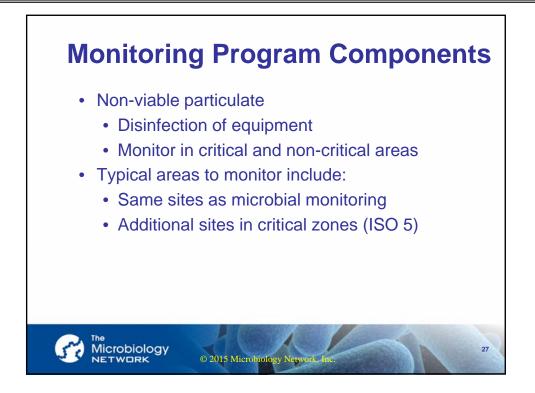






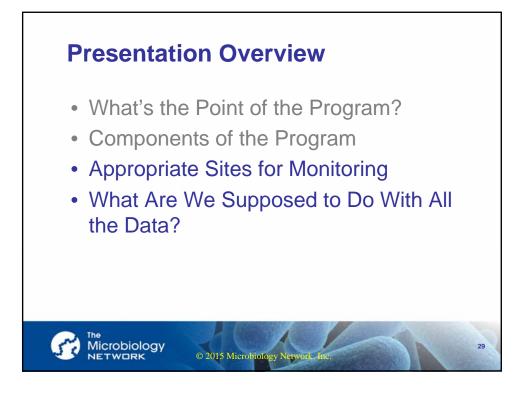


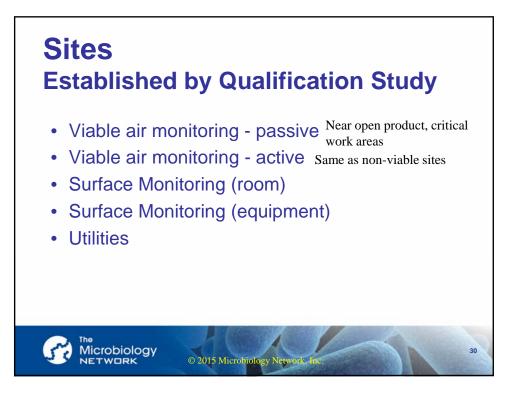






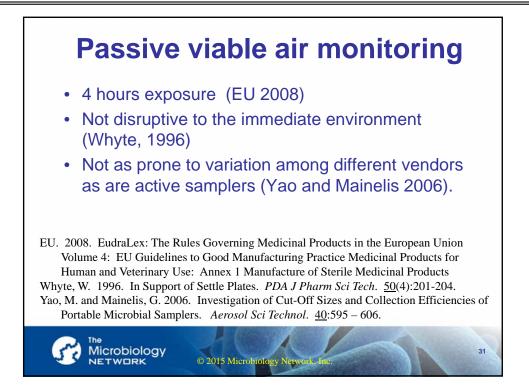






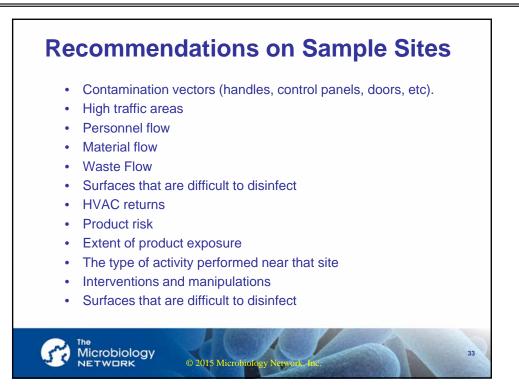


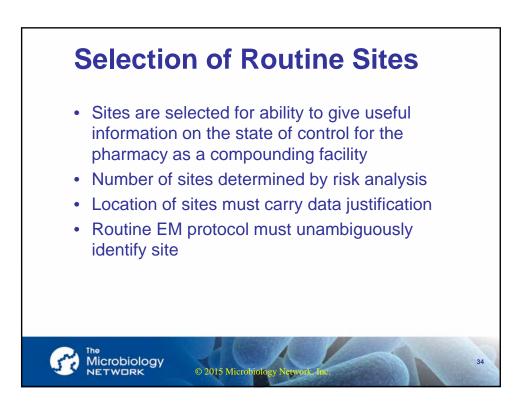
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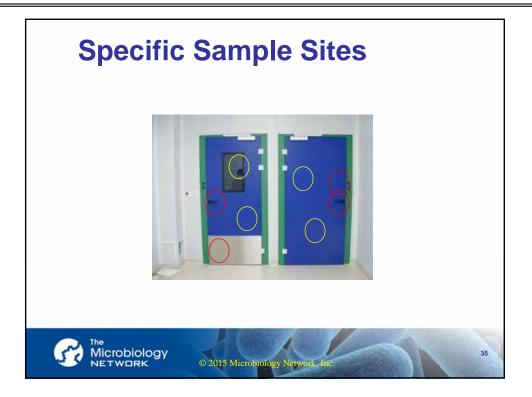


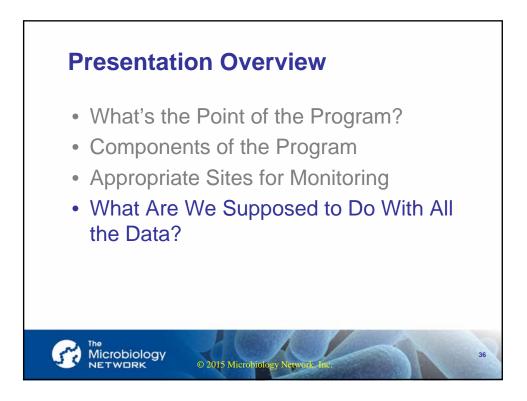














FDA - Trending						
Trend reports should look at sponsible for QAU to use trend reports beyond estatons are recompling any appropriation in EM investigations in microbial flora should be considered in the review of the ongoing component of t						
Written procedures should doe SOPs describe how management is informed and u informed of trends and investigations						
FDA. Section IX.A.2. Guidance for Industry: Sterile Drug Products Produced by Aseptic Processing — Current Good Manufacturing Practice. 2004						
The Microbiology Network Inc. 37						





