

Legionnaires' disease - LD

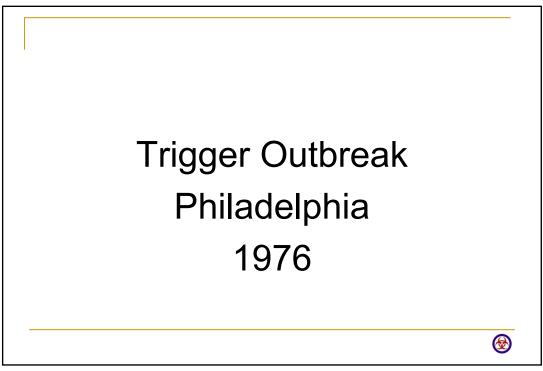
Many serogroups of *L. pneumophila* Serogroup 1 most common Dx in US

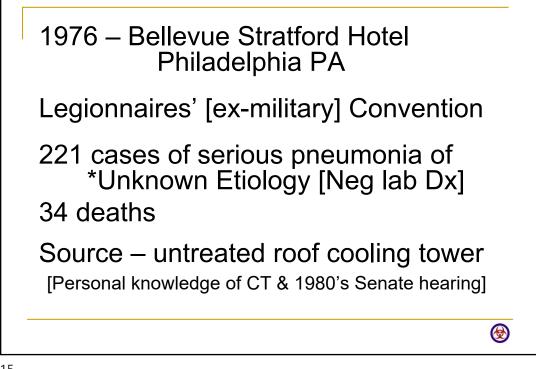
15 other *Legionella* species clinically associated with LD

15-30% of pneumonia patients admitted to intensive care units may have LD

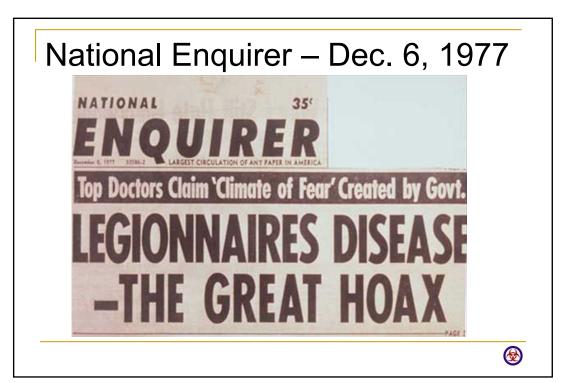
50,000 to 70,000 cases in US/yr *NAS2019

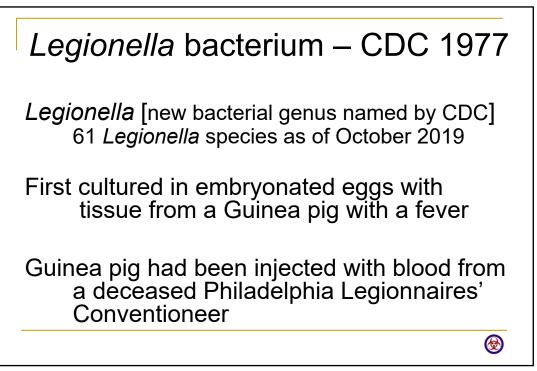
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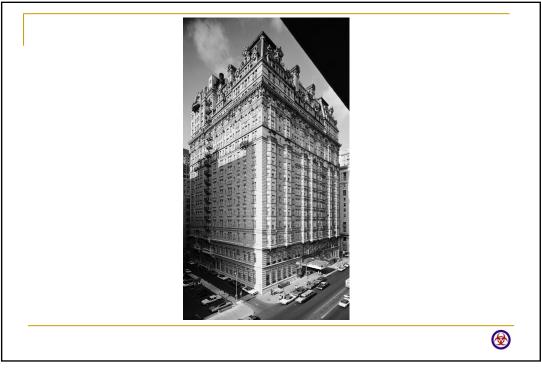


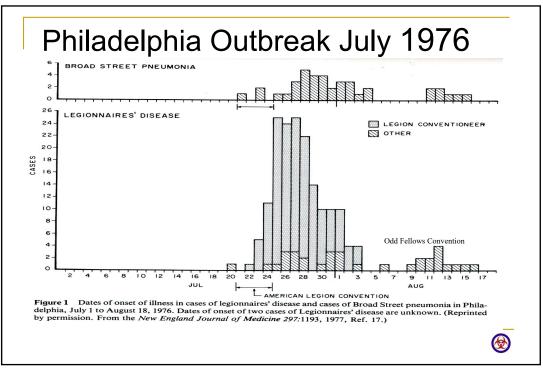


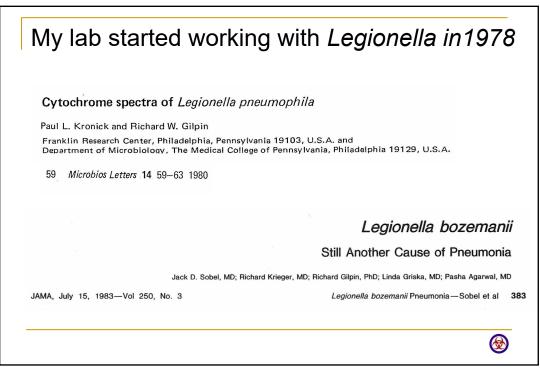




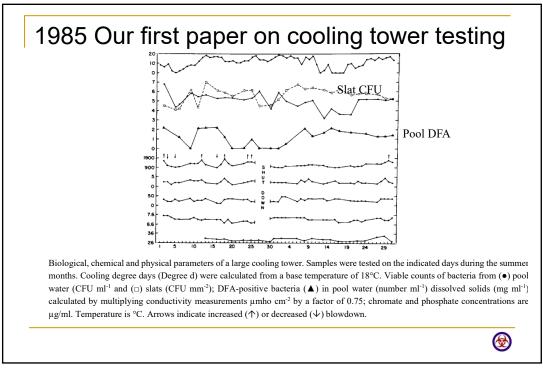


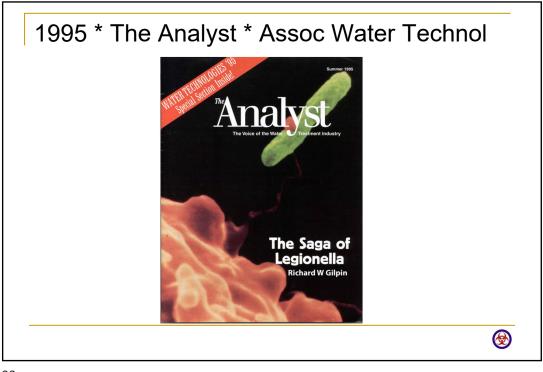


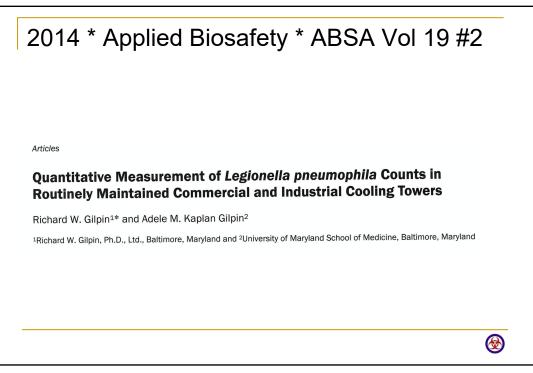


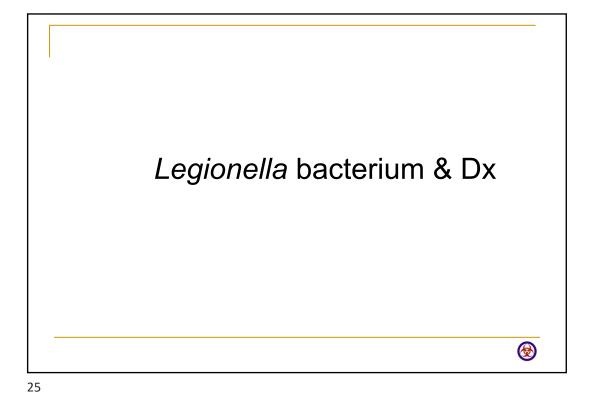


(Receiv	d March 1984)	
Medicine, The Medical Conege of I	ennsylvania, Philadelphia, PA 19129, U	.S.A.
Department of Microbiology and Immuno	ogy and ² Department of Community an ennsylvania, Philadelphia, PA 19129, U	
	NDALE ¹ , JANE SKORINA ¹ , JAMES HUR LE M. KAPLAN ²	LEY
RICHARD W. GILPIN ¹ , SUSAN B. DILL	DN ¹ [†] , PATRICIA KEYSER ¹ , ALICE AND	PROKITES ¹ ,
ULTRAVIOLET LIGH	T AND HALOGENATIO	N*
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<i>Water Res.</i> Vol. 19, No. 7, pp. 839–848, 1985 Printed in Great Britain. All rights reserved	Copyright @	0043-1354/85 \$3.00 + 0.00 〕 1985 Pergamon Press Ltd
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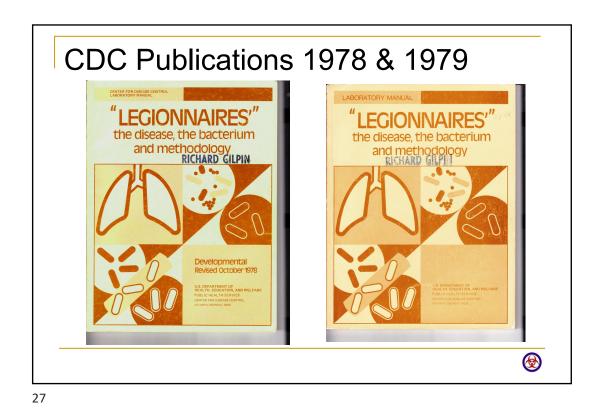


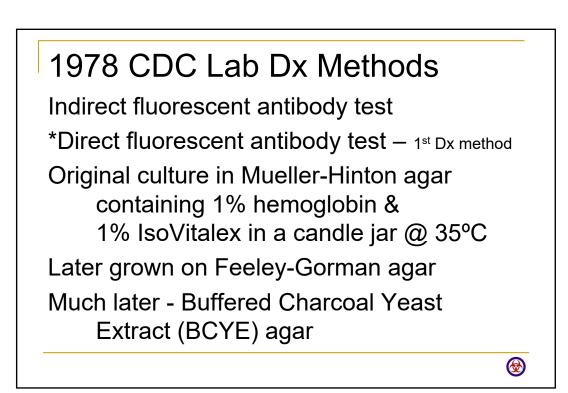


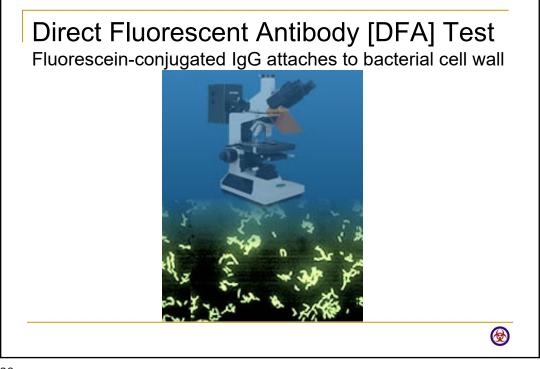


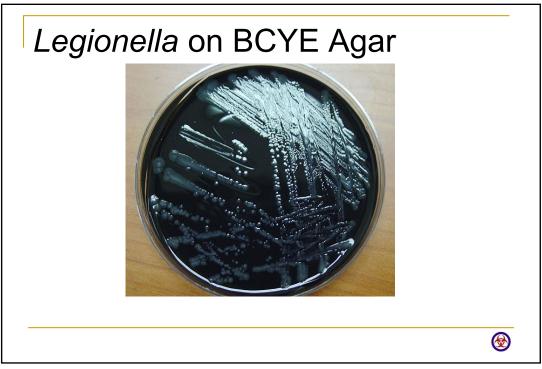


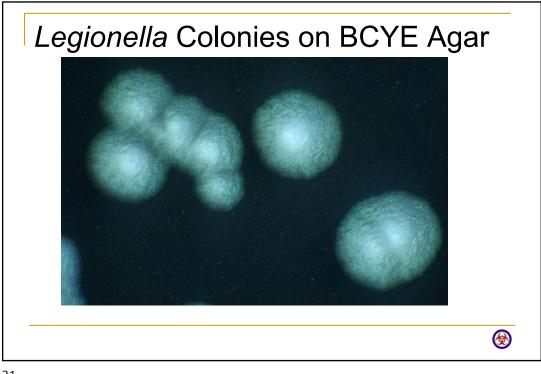
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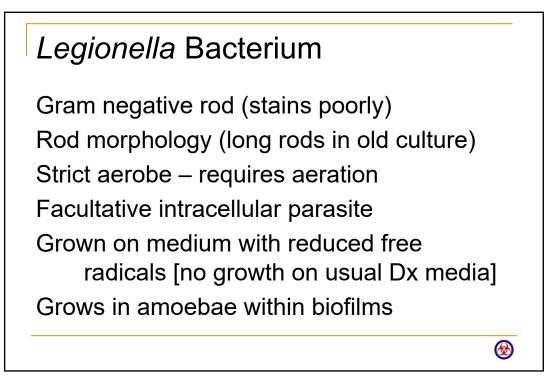


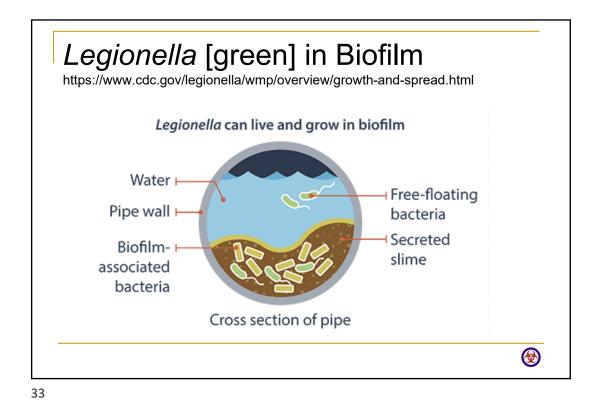


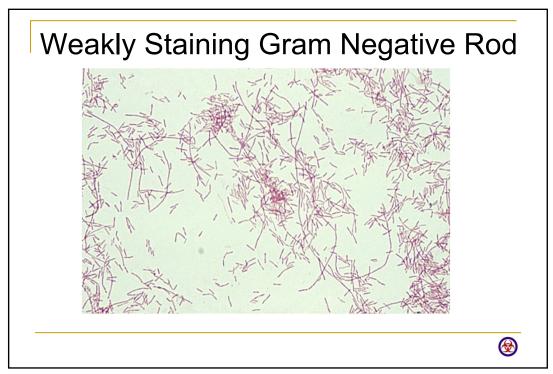


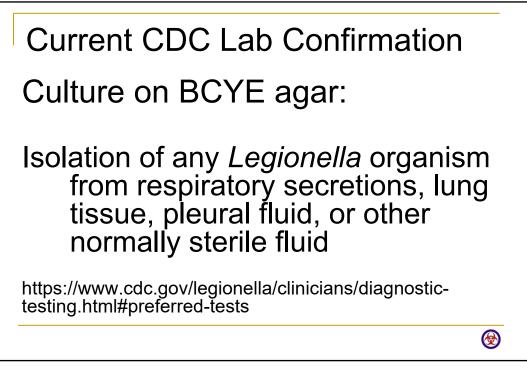


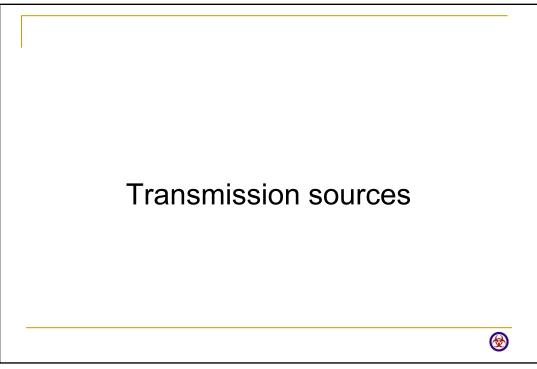


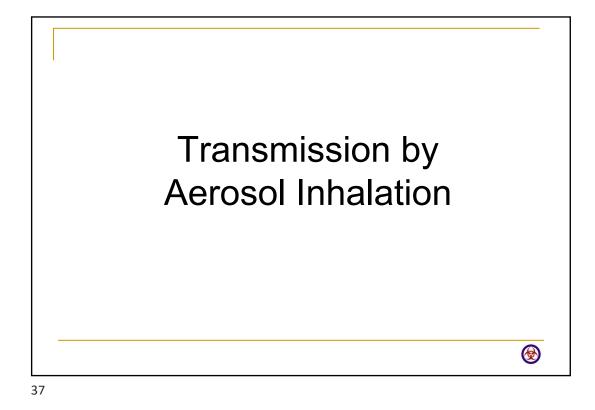


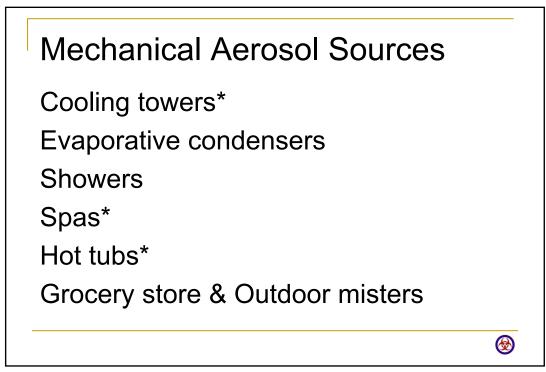


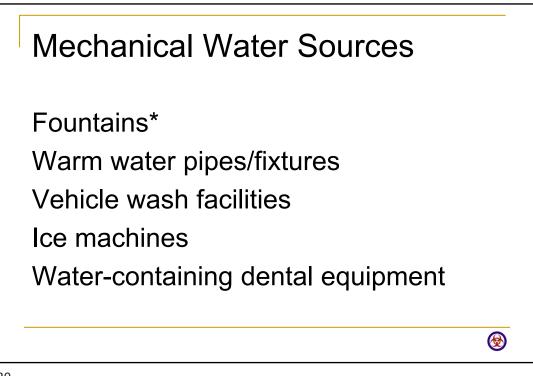




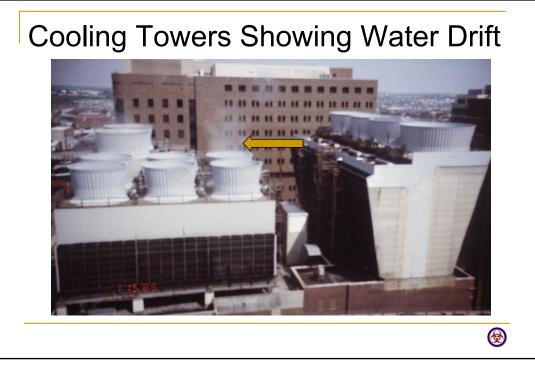


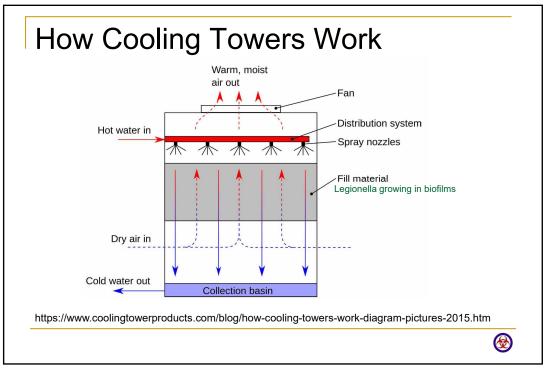




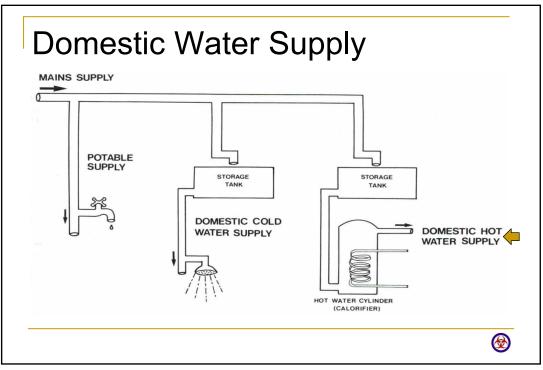


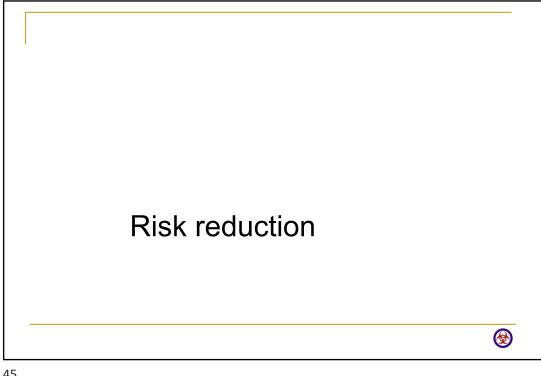


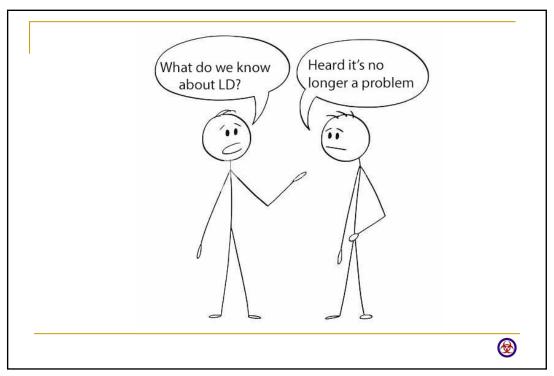




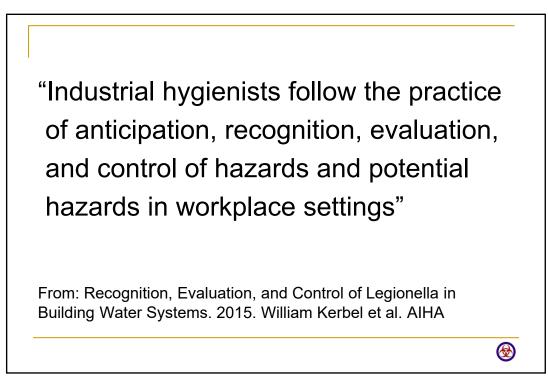


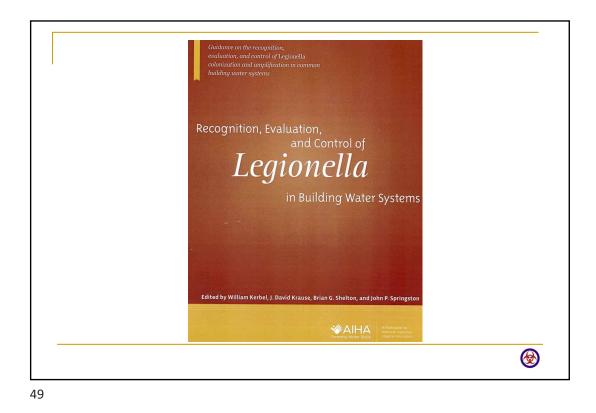


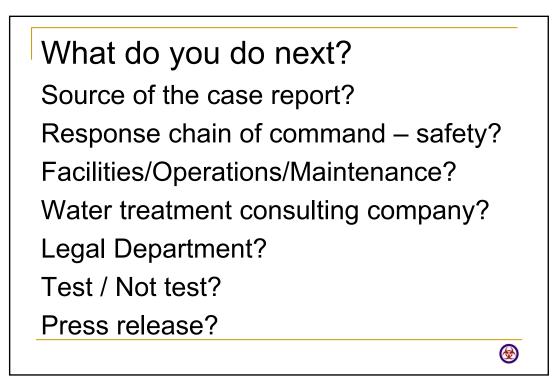


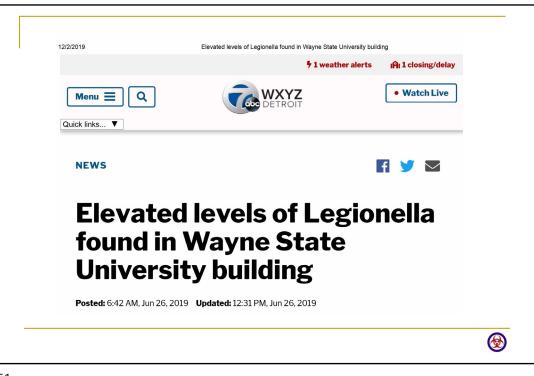


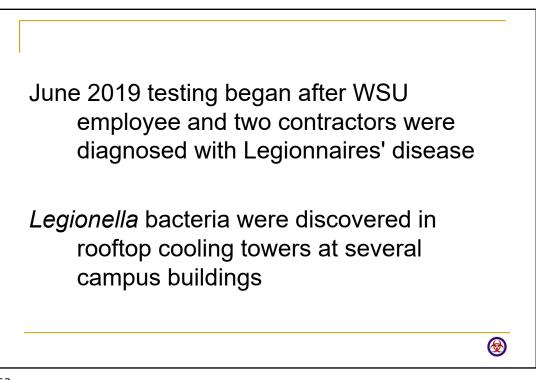


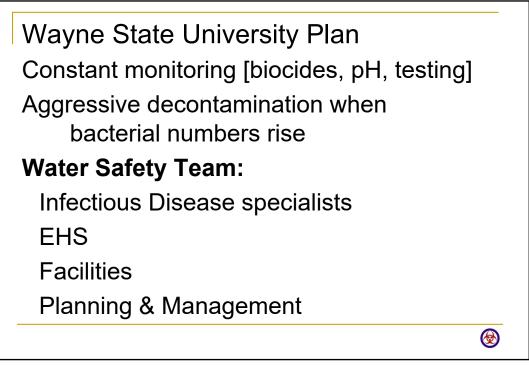






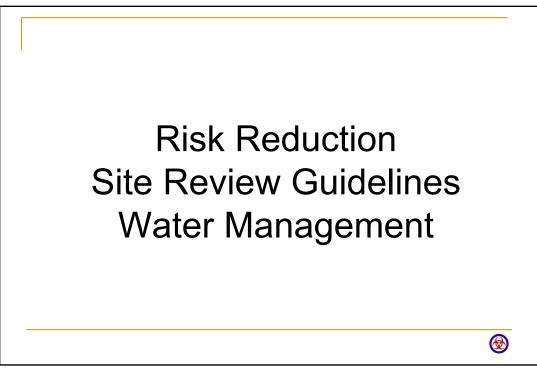


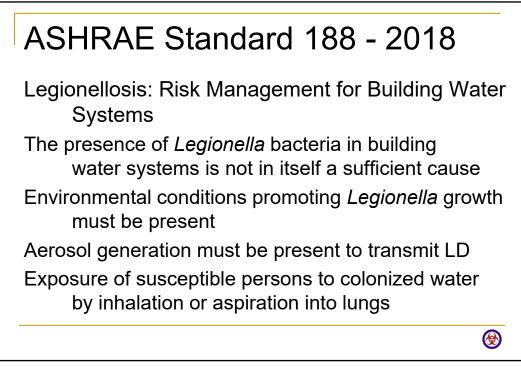


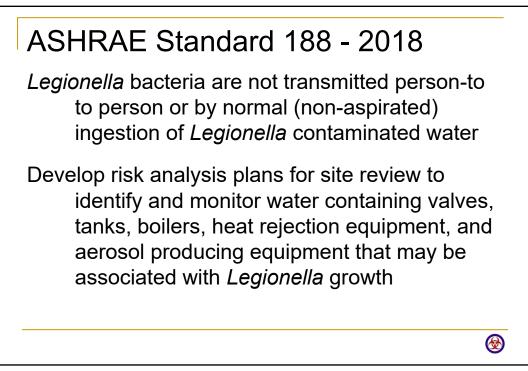


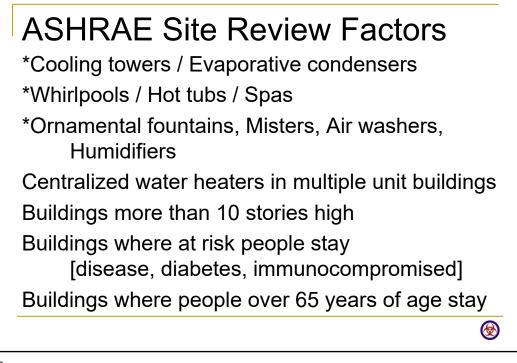




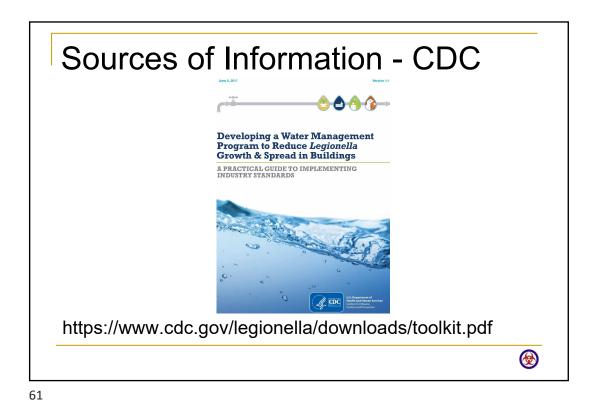


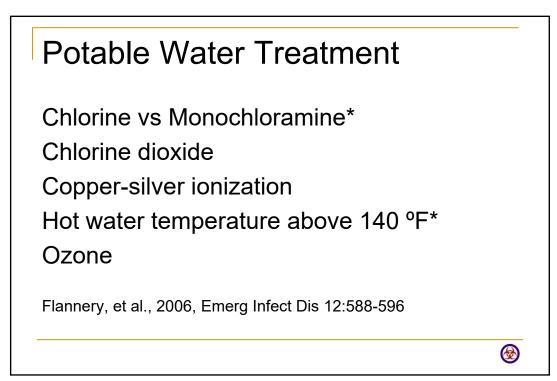


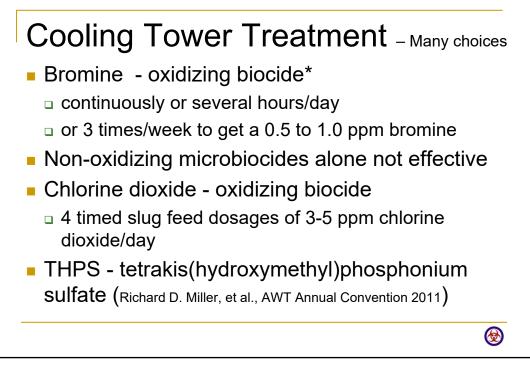


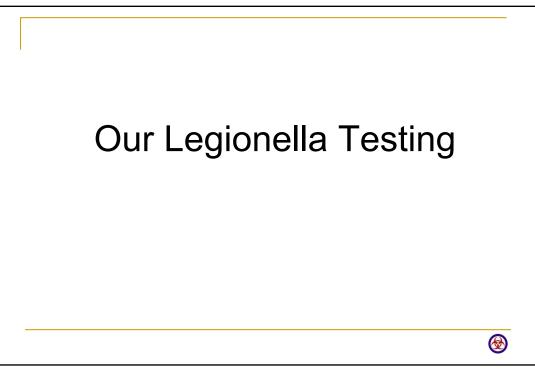


Source	es of Information
	Industrial Hygiene Association APPIC Association for Professionals in Infection Control and Epidemiolog
	of Water Technologies CDC Centers for Disease Control and Prevention
CMS Centers for	Medicare & Medicaid Services CTI Cooling Technology Institute
	ntal Protection Agency NSF National Science Foundation
NSF Internatio	nal – equipment certification $OSHA$ US Occupational Safety and Health Administration
VA US Department of	[:] Veterans Affairs









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Our DFA Routine Testing

The highest number of *Legionella* we found in a water sample was 150,000/ml of CT water

1980's - 7% of the tower samples tested by our laboratory had *Legionella* counts greater than 200/ml of tower water – Now about 1% or less

Water line samples are usually negative

Highest recent counts from hospital water samples have come from decorative fountains

65

