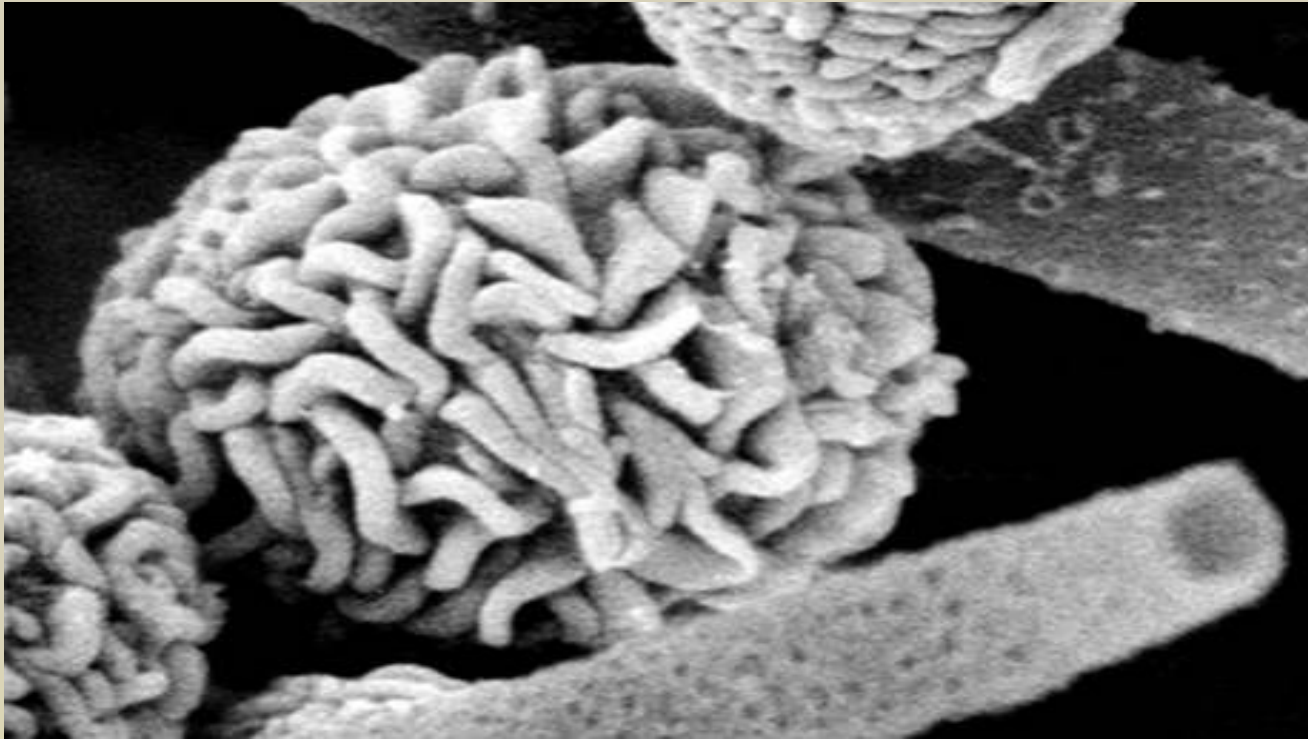


Indoor Mould & the Regulatory Role of Health Agencies



***Asish M & Dennis S
Calgary Health Region***

Health Effects and Symptoms

- Allergic Response
- Infection Response
- Toxic Response
- Irritation of Eyes, Nose, Throat, Skin

Acute and Chronic Effects Exposure to Moulds and Mycotoxins

<u>Acute and Sub-acute</u>	<u>Chronic Effects</u>
<u>Effects</u>	
<ul style="list-style-type: none">• Fatigue• Chills• Shortness of breath• Tightness in the chest• Allergic rhinitis• Burning sensation of mouth• Dermal rashes• Severe shortness of breath with exertion• Headache• Irritating cough• Diarrhea	<ul style="list-style-type: none">• Chronic coughing• Progressively increasing and severe shortness of breath• Physical weakness• Occasional fever and sweating at night• Appetite depression• General aches and pains• Immunonological effects• Chronic respiratory effects• Chronic allergy• Chronic neurotoxic effects• Liver and Kidney damage• Pulmonary Hemorrhage

Source: Godish (2000), *In Indoor Environmental Quality*, Lewis Publishers, 2001

EVACUATION / ROOM ISOLATION CRITERIA

- **Symptomatic Approach** - Evacuation and relocation of an individual should be based on a medical evaluation and clinical assessment
- **A Preventive/Proactive Approach** – Evacuation, Public Health Act – (Next Few Slides)
- Generally, immediate isolation rooms with significant contaminantion (include HVAC system)

Confounders of Mould Exposure

- Exposure is Complex – Presence of Wide Array of Stressors and Contaminants Indoors
- Physical, Chemical, Biological, and Psychosocial Factors

REGULATORY RESPONSIBILITIES

ALBERTA PUBLIC HEALTH ACT

- *Housing Regulation*
- *General Nuisance and Sanitation Regulation*

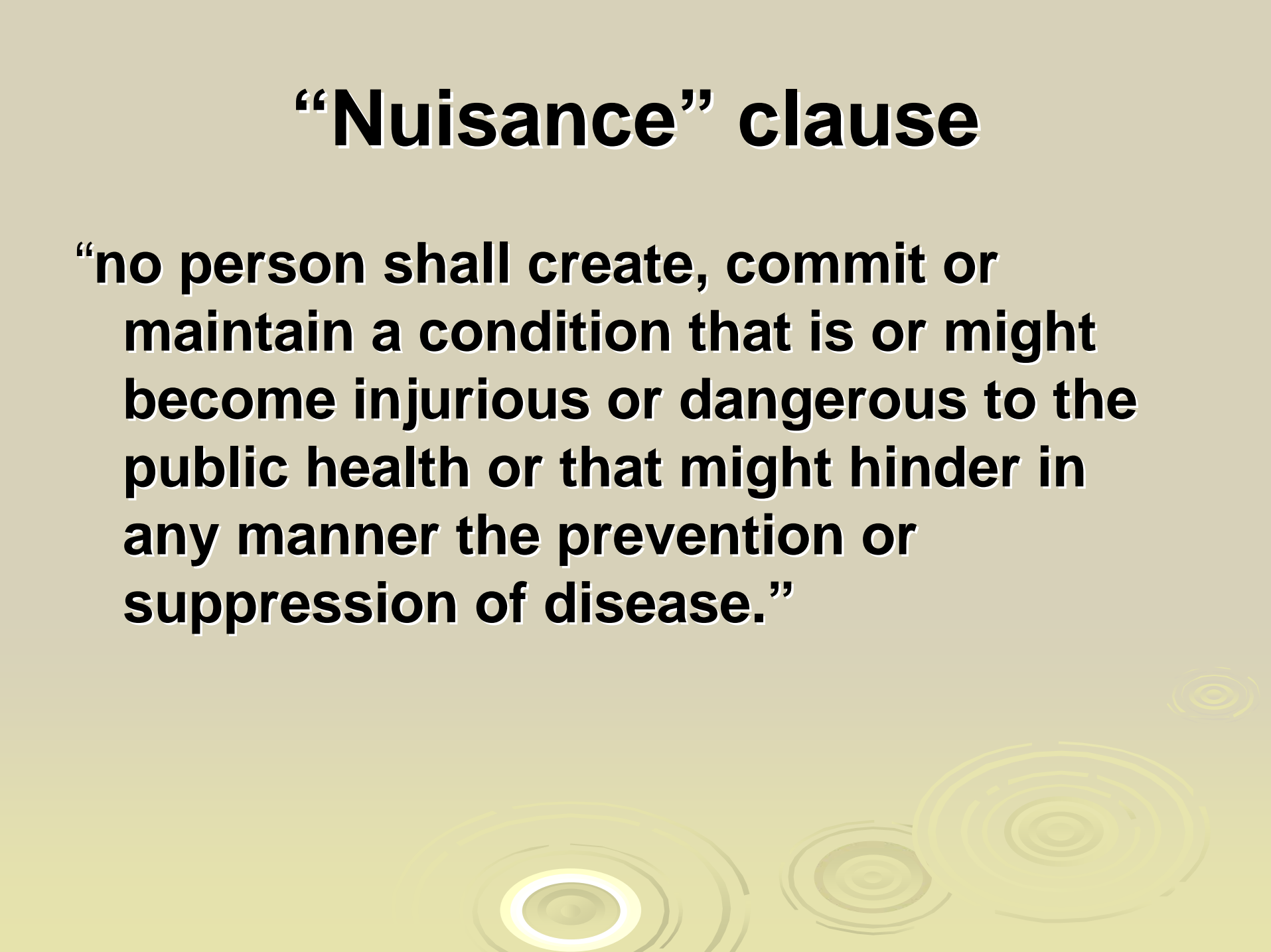
- ***CHR's Executive Powers and Expectations***
 - *Full delineation and full remediation (cavities etc.)*
 - *Repair of moisture damage*
 - *Public disclosure and Public Right to Know*
 - *Partial or full evacuation or isolation,*
 - *Air monitoring*

Powers of Executive Officers

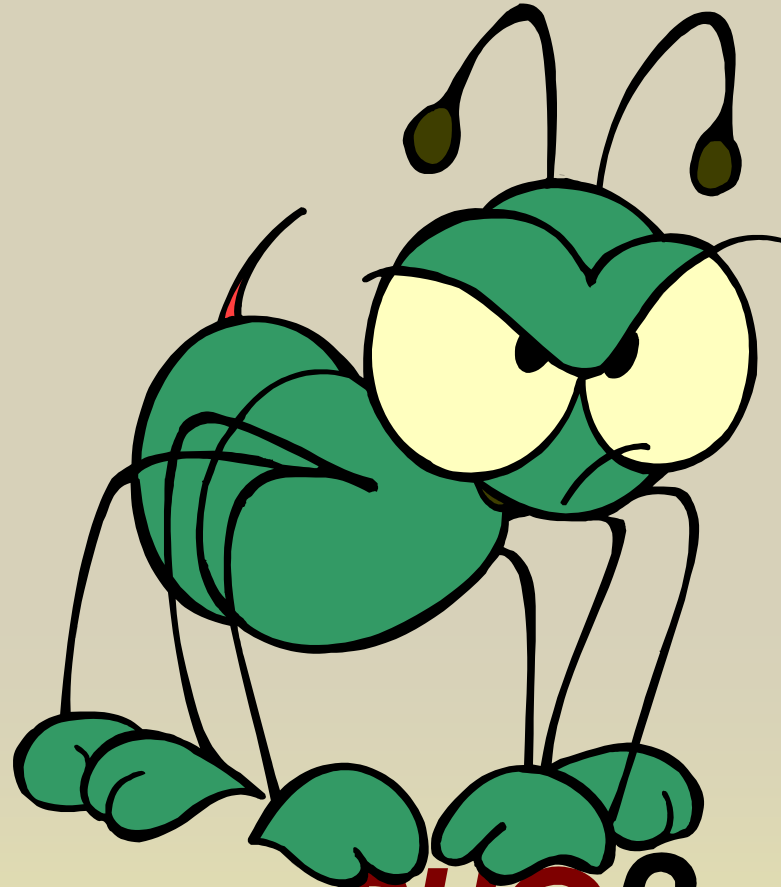
- Executive Officers (EOs) inspect public buildings and landlord-tenant buildings.
- Privately Owned Condominiums and Buildings does not fall under Housing Regulation.
- If a mouldy situation is creating a “***nuisance***” condition, EOs can enforce Public Health Act

“Nuisance” clause

“no person shall create, commit or maintain a condition that is or might become injurious or dangerous to the public health or that might hinder in any manner the prevention or suppression of disease.”

The background of the slide features a light green gradient with several sets of concentric circles in a slightly darker shade of green, resembling ripples in water. These circles are positioned in the lower half of the slide, with one set on the left, one in the center, and one on the right.

Any Questions?



Got a **BUG**?