

IMPLEMENTING THE HIERARCHY OF CONTROLS FOR WASTEWATER WORKER PROTECTION



Engineering Controls



Administrative Controls and sale work practices



Personal Protective Equipment











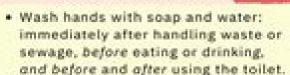


Liquid repellent coveralls and gloves



- · PPE required changes with task, work site, and potential exposures.
- · Train workers on how to properly put on, use/wear, and take off PPE, as well as how to clean/disinfect. maintain, store, and dispose of PPE.
- . Other types of PPE may be needed to ensure a fully protective ensemble.

- · Use physical barriers to prevent worker exposure to splashes or sprays of potentially contaminated waste water.
- · Enclose processes that may generate potentially infectious aerosols (e.g., mixing zones, tank discharge points, pressurized lines).
- · Use ventilation equipment to remove contaminated air from the work environment.



- · Avoid touching face, mouth, eyes, nose, or open sores and cuts while handling sewage.
- · Before eating, remove work clothes and eat in designated areas.
- · Do not smoke or chew tobacco/gum.
- · Keep open sores, cuts, and wounds covered with clean, dry bandages.
- · Remove work clothes before leaving worksite.
- · Make appropriate vaccines available, such as those for tetanus, polio, typhoid fever, Hepatitis A and B, and influenza.

IF WORKERS ARE EXPOSED TO WASTE OR SEWAGE

- · Gently flush eyes with clean water if sewage contacts eyes.
- · Wash cuts and abrasions with soap and water.
- · Consider providing workers with post-exposure evaluation and follow-up care, especially for sharps or puncture injuries.
- Clean contaminated work clothing daily with 0.05% chlorine solution.

Wastewater Treatment Plant Safety Manual

Michael Hoelscher

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