

Exercise #5: Resident Complaints and Ventilation Problems Making the Connections

Draw a line/lines connecting resident complaints with possible ventilation or building conditions

Resident Complaint	Possible Ventilation or Building Construction Source
Odors from neighbors cooking	Poor air sealing between units
Odor from neighbor smoking	No weatherstripping on apartment corridor doors
Odor from corridors	Central roof exhaust fan not well sealed to roof
Noise on top floors	Kitchen / Bath grilles and ventilation ductwork clogged with dust and grease.
Noise from neighbors	Gaps between sheetrock/plaster and ductwork at kitchen/bath grilles
Noisy bath fan	Exhaust shaft leakage
Mold on ceiling in bathroom	Kitchen / Bath exhaust fans pulling too much air in certain apartments
Peeling paint in kitchen	Kitchen / Bath exhaust fans not pulling enough air in certain apartments
Peeling paint in bathroom	Clocks/timers used to turn on/off central roof fan exhaust system – off at night
Resident Health Problems: Breathing issues like asthma, headaches	Bath/kitchen fan doesn't work well.
	Broken/loose belts in central exhaust fans pulling from bathrooms and/or kitchen or excessive fan vibration with oversized fan
	Holes in walls near warm boiler room
	Kitchen fan does not exhaust to exterior
	Filter on forced hot air system <MERV 8
	Apartment make-up air drawn from polluted spaces (truck entry; basements; etc)