



ARIZONA DEPARTMENT of ENVIRONMENTAL QUALITY
CROSS-CONNECTION SURVEY

PWS NAME: _____ PWS ID: _____ DATE: _____

NAME OF BUSINESS: _____ PHONE: _____

SERVICE ADDRESS: _____ CONTACT: _____

MAILING ADDRESS: _____

NATURE OF BUSINESS: _____

<i>A separate Cross-Connection Survey form must be filled out for each service line.</i>				
	G PLAN CHECK	G FIELD INVESTIGATION	YES	NO
1	SEWAGE SYSTEMS <small>Cross-connections to sewer or sewage or surface water pumps for priming, cleaning, flushing or unclogging purposes. Water-operated sewage sump ejectors for operational purposes. Sewers for the purpose of disposing of filter or softener backwash water or water from cooling systems or for the purpose of providing for a quick drain for the building water lines or blowing out obstructions in the sewer lines. Reclaimed water.</small>		G	G
2	RESERVOIRS, COOLING TOWERS, Etc. <small>Reservoirs, cooling towers and circulating systems which may be heavily contaminated either with bird droppings, vermin, algae, bacterial slimes or with toxic water treatment compounds.</small>		G	G
3	INDUSTRIAL FLUID SYSTEMS <small>Industrial fluid systems and lines containing cutting and hydraulic fluids, coolants, hydrocarbon products, glycerine, paraffin, caustic and acid solutions, etc.</small>		G	G
4	FIRE FIGHTING SYSTEMS <small>Fire fighting systems, including storage reservoirs which may be treated for prevention of scale formation, corrosion, algae, slime growth, etc. Fire systems which may be subject to contamination with anti-freeze solutions, "Foamite" or other chemicals or chemical compounds used in fighting fire. Fire systems which are subject to contamination with auxiliary or used water supplies or industrial fluids.</small>		G	G
5	PLATING FACILITIES <small>Plating facilities involving the use of highly toxic cyanides, heavy metals in solution, acids and caustic solutions. Plating solution filtering equipment with pumps and circulating lines. Tanks, vats or other vessels used in painting, descaling, anodizing, cleaning, stripping, oxidizing, etching, passivating, pickling, dipping, rinsing operations.</small>		G	G
6	STEAM GENERATING FACILITIES <small>Steam generating facilities and lines which may be contaminated with boiler compounds.</small>		G	G
7	PLUMBING HAZARDS <small>Inadequately protected flush valve toilets, urinals, aspirators, retorts, pipet tube washers and similar contaminated and/or sewer connected facilities. Laboratory equipment which may be chemically or bacteriologically contaminated such as steam sterilizers, autoclaves, specimen tanks, autopsy and mortuary equipment. (Could include dental offices, medical clinics, veterinary facilities, mortuaries, hospitals, colleges, high schools, and churches.)</small>		G	G
8	COOLING SYSTEMS - SINGLE PASS <small>Compressors, heat exchangers, air-conditioning equipment and other water cooled equipment which may be sewer connected.</small>		G	G
9	IRRIGATION SYSTEMS <small>Irrigation systems which may be equipped with pumps, injectors, pressurized tanks or vessels, or other facilities for injecting into the irrigation system agricultural chemicals. Irrigation systems subject to contamination from submerged inlets, auxiliary water supplies, ponds, reservoirs, swimming pools and other sources of stagnant, polluted or contaminated waters.</small>		G	G
10	PLUMBING - HOSPITALS <small>Contaminated or sewer-connected equipment such as bed pan washers, flush valve toilets and urinals, autoclaves, specimen tanks, sterilizers, pipet tube washers, cuspidors, aspirators, autopsy and mortuary equipment, etc. (Could include dental offices, medical clinics, and Veterinary facilities.)</small>		G	G
11	INDUSTRIAL SYSTEMS - CHEMICAL CONTAMINATION <small>Tanks, can and bottle washing machines and lines where caustics, acids, detergents and other compounds are used in cleaning, sterilizing and flushing.</small>		G	G
12	PHOTO PROCESSING EQUIPMENT <small>Tanks, automatic film processing machines or other facilities used in processing films, which may be contaminated with chemicals.</small>		G	G
13	LAUNDRIES AND DYE WORKS <small>Laundry machines having under-rim or bottom inlets. Dye vats in which are used toxic chemicals and dyes. Wash water storage tanks equipped with pumps and recirculating systems. Retention and mixing tanks. Shrinking, bluing and dyeing machines with direct connections to circulating systems.</small>		G	G

		YES	NO
14	INDUSTRIAL FACILITIES Tanks, lines, valves, fittings, and other equipment being subjected to hydraulic tests. Hydraulically operated equipment where the city water pressure is used directly and may be subject to backpressure. Equipment under hydraulic tests where pumps, rams, pressure cylinders or other hydraulic principles are used to provide pressures for testing purposes.	G	G
15	MOTION PICTURE STUDIOS Open reservoirs, lagoons, tanks or similar facilities, used in the making of motion pictures. Automatic film processing machines, tanks, vats and other facilities, use in processing films.	G	G
16	PETROLEUM PROCESSING Steam boilers, steam lines, mud pumps and mud tanks, hydraulically Tretolite tanks, oil well casings, dehydration tanks (for dampening gas pressures), outlet lines from storage and dehydration tanks (for purging purposes), oil and gas tanks (to create hydraulic pressures and to hydraulically raise the oil and gas levels), gas and oil lines (for testing, evacuating and slugging purposes).	G	G
17	PAPER PROCESSING Pulp, bleaching, dyeing and other processing equipment which may be contaminated with toxic chemicals.	G	G
18	CANNERY EQUIPMENT Pressure cookers, autoclaves, retorts and other similar steam-connected facilities, washers, cookers, tanks, lines, flumes, and other equipment used for storing, washing, cleaning, blanching, cooking, flushing, fluming, or for transmission of foods, fertilizers or wastes.	G	G
19	AUXILIARY WATER SYSTEMS Water supplies or sources not under control or direct supervision of the water purveyor.	G	G
20	SOLAR ENERGY SYSTEMS Solar energy systems for domestic hot water heating, space heating or cooling, industrial process water heating, swimming pool heating which may have cross-connections with the domestic water system. The solar system may employ anti-freeze solutions or chemical inhibitors.	G	G
21	CAR WASH FACILITIES Most automatic car washes utilize a recirculating system as well as the usual soap or aspirating system.	G	G
22	CIVIL WORKS; RESTRICTED, CLASSIFIED OR OTHER CLOSED FACILITIES Owned or controlled by government agencies that are exempt from the local inspection provisions of the code or not accessible for inspection.	G	G
23	SAND AND GRAVEL WASHING Sand and gravel washing equipment; a system supplied from an auxiliary water supply.	G	G
24	TEMPORARY SERVICE Fire hydrants, blow-offs, air valves, tanks for construction water, tanks for spray rigs, mechanical equipment.	G	G

BACKFLOW PREVENTION REQUIRED: **G** YES **G** NO (IF YES, GIVE REASON WITH REFERENCE TO THE ABOVE HAZARDS)

REASON: _____

TYPE OF DEVICE REQUIRED: G RP G DC G OTHER: _____

PLAN CHECK BY: _____ DATE: _____

EXISTING BACKFLOW PREVENTION DEVICE: **G** YES **G** NO (IF YES, COMPLETE THE FOLLOWING)

MANUFACTURER _____ MODEL _____

SIZE _____ TYPE _____ SERIAL NO. _____ DATE INSTALLED _____

DEVICE LOCATION _____

COMMENTS: _____

FIELD INVESTIGATION BY: _____ DATE: _____