

APPENDIX F

This table is to be used in conjunction with Appendix E with respect to permitted industrial, commercial or institutional facilities which use, store, transport, or dispose of hazardous substances (use No. 14). The table below conveys the threshold levels at which various substances which might be used by such facilities are considered hazardous.

HAZARDOUS SUBSTANCE ACTIVITIES			
Type of Business	SIC Codes	Possible Hazardous Substances	Hazardous Threshold
Agricultural Chemical Warehousing and Distribution	5191 2873 2874 2875 2879	Ammonium Nitrate Sulfate Chloride Pesticides & herbicides	1,600 lb as NH_4NO_3 370 lb as NH_4NO_3 3,000 lb as $(\text{NH}_4)_2\text{SO}_4$ 1,200 lb as KCl
Aluminum Rolling Mills	3353	Hydrocarbon solvents Methyl ethyl ketone 1, 1, 1-Trichloroethane Gasoline and diesel fuels Chloride salts Chromium salts	110 gal 105 gal 70 gal 110 gal 1,000 lb as NaCl 90 lb as $\text{Na}_2\text{Cr}_2\text{O}_7$
Aluminum Reduction	3334 3341	Fluoride salts Chromium salts Gasoline & diesel fuels Fluoride & Cyanide wastes	300 lb as AlF_3 90 lb as $\text{Na}_2\text{Cr}_2\text{O}_7$ 110 gal
Building Materials Production	2435 2436 2439 2491 2492	Pentachlorophenol Copper salts Chromium salts Phenolic resin glue Caustic soda	70 gal 5% soln. 90 lb as CuSO_4 90 lb as NaCr_2O_7 15 lb based on formaldehyde 850 lb
Chemical & Plastics Manufacturing	2813 2816 2819 282	All types of chemicals may be on site	
Chemical Warehousing & Distribution	5161	All types of chemicals may be on site	
Cleaning Supplies, Manufacturing & Distribution	2841 2869 5087 5161	Isopropyl alcohol Chlorinated phenols Dibutylphthalate	110 gal 20 lbs 3,000 gal
Dry Cleaning Establishments	7215 7217	Trichloroethene Tetrachloroethene Hydrocarbon solvents	2.5 gal 2.0 gal 110 gal
Educational Institutions	8221 8222	All chemicals may be present in laboratory quantities.	
Electrical & Electronic Products Manufacturing	3612 3641 3662 3674 3677 3679 3825 3993	Metal salts (Cu, Ni, Zn) Cyanide Methylene chloride 1,1,1-Trichloroethane Acetone Methyl ethyl ketone Formaldehyde	90 lb 150 gal 10% NaCN soln. 10 gal 70 gal 60 gal 105 gal 1 gal
Electroplating Operations	3471	Metal salts (Cr, Cu, Ni, & Zn) Cyanide Sodium Phosphate Trichloroethene Tetrachloroethene Xylene Other solvents	90 lb 150 gal 10% NaCN soln. 300 gal 30% soln. 2.5 gal 2.0 gal 110 gal 110 gal
Foundries	3321 3322 3325 3361 3362 3369	Metal salts (Cr, Cu, Ni, & Zn) Cyanide Trichloroethene Isopropyl alcohol Caustic soda cleaning soln.	90 lb 125 lbs as NaCN 2.5 gal 110 gal 250 gal 35% soln.

HAZARDOUS SUBSTANCE ACTIVITIES

Type of Business	SIC Codes	Possible Hazardous Substances	Hazardous Threshold
Furniture Refinishing	7641	Methylene chloride Acetone Hydrocarbon solvents Paint-related products	10 gal 60 gal 110 gal
Medical Facilities	0742 8062 8069 8071	Mono and Polycyclic Aromatic Hydrocarbons Prescription drugs Biological contaminants	1 gal
Paint Manufacturing & Wholesale Distribution	2816 2865 5198	Metal salts (Cr, Pb, Sb, & Zn) Phthalate esters Methylene chloride Methyl ethyl ketone Ethylene glycol Hydrocarbon solvents	90 lb 10 gal 105 gal 7.5 gal 110 gal
Paint Shops	7535	Hydrocarbon solvents Xylene Methylene chloride	110 gal 110 gal 10 gal
Petroleum Products Production & Storage: Bulk Distribution of Petroleum Products	2992 5171 5172	Gasoline Diesel fuel & heating oil Lubricating oils Ethylene glycol Methyl alcohol	110 gal 110 gal 110 gal 7.5 gal 60 gal
Photo Processing	7333 7395	Silver salts Phenols Cyanide Aromatic Hydrocarbons	50 lbs as AgNO ₃ 10 lbs 125 lbs as NaCN 110 gal
Printing Establishments	2711 2751 2752 2761	Silver salts Aromatic Hydrocarbons Phenols Cyanides Tetrachloroethene Hydrocarbon solvents	50 lbs as AgNO ₃ 110 gal 10 lbs 125 lbs as NaCN 2.0 gal 110 gal
Gasoline Distribution	5541	Gasoline Diesel fuel Lubricating oils Ethylene glycol Methyl alcohol	110 gal 110 gal 110 gal 7.5 gal 60 gal
Metal Fabrication	3441 3442 3443 3444	Metal salts (Cr, Cu, Ni, & Zn) Caustic cleaning solutions Hydrochloric acid Sulfuric acid Hydrocarbon solvents Xylene Caustic soda Sodium phosphate Sodium hydroxide	90 lb 250 gal 155 gal 150 gal 110 gal 110 gal 250 gal 35% soln. 300 gal 30% soln. 600 lb
Secondary Metals Refining	3341	Metal salts (Al, Cr, Zn) Chloride Sulfate	90 lb 1,000 lbs as NaCl 3,000 lbs as (NH ₄) ₂ SO ₄
Seed Cleaning & Treating	721	Hexachlorobenzene Other pesticides	1 gal
Solvent Recycling	2911	1, 1, 1-Trichloroethane Trichloroethene Tetrachloroethene	70 gal 2.5 gal 2.0 gal
Trucking Companies	4171 4172 4231	Gasoline & diesel Hydrocarbon solvents Ethylene glycol Caustic soda cleaning soln.	110 gal 110 gal 7.5 gal 250 gal 35% soln.

Source: Spokane County, Washington, 1983 Aquifer Sensitive Area Overlay Zone Ordinance