

Nevada Potential Contamination Sources								
CODE	CLASS	SOURCE	CATEGORY					RISK RANKING
			A	B	C	D	E	
1	Agricultural	Animal burial areas			X	X		High
2		Animal feedlots		X	X	X		Moderate to High
3		Chemical application (e.g. pesticides, fungicides, & fertilizers)		X	X			High
4		Chemical mixing & storage areas (including rural airports)	X	X	X			High
5		Irrigated fields		X				Moderate
		Irrigation ditches			X			High
6		Manure spreading & pits	X		X			Moderate
7	Unsealed irrigation wells	X		X			High	
8	Industrial	Chemical manufacturers, warehousing/distribution activities	X	X	X			High
9		Electroplaters & fabricators			X			High
10		Electrical products & manufacturing			X			High
11		Machine & metalworking shops	X					High
12		Manufacturing sites	X	X	X			High
13	Petroleum products production, storage & distribution centers	X					High	
14	Commercial	Dry cleaning establishments	X					High
15		Furniture & wood stripper & refinishers	X					High
16		Jewelry & metal plating			X			High
17		Laundromats						Low
18		Paint shops	X					High
19	Photography establishments & printers			X			High	
20	Automotive	Auto repair shops	X					High
21		Car washes	X		X	X		Moderate
22		Gas stations	X					High
23		Road deicing operations: storage & application areas (e.g. road			X			Moderate
24		Road maintenance depots	X		X			High
25	Residential	Household hazardous products	X	X	X			Moderate
26		Private wells	X	X		X		Moderate
27		Septic systems, cesspools		X	X	X		Moderate to High
28	Medical / Educational	Educational institutions (labs, lawns, & chemical storage areas)		X	X			Moderate
29		Medical institutions (medical, dental, vet offices)				X		Low
30		Research laboratories	X	X		X		High
31	Storage	Aboveground storage tanks	X					High
32		Underground storage tanks	X					High
33		Public storage	X					Low
34		Radioactive materials storage					X	High
35	Municipal Waste	Dumps and landfills (historical/active)	X	X	X	X	X	High
36		Municipal incinerators		X	X	X		Moderate
37		Recycling & reduction facilities			X			High
38		Scrap & junkyards	X		X			High
39		Septage Lagoons, wastewater treatment plants		X	X	X		High
40		Sewer Transfer Stations		X	X	X		High
41	Miscellaneous	Airports	X					High
42		Asphalt plants	X					High
43		Boat yards	X					High
44		Cemeteries				X		Moderate
45		Construction areas	X					Moderate
46		Dry wells	X			X		High
47		Fuel storage systems	X					High
48		Golf courses, parks & nurseries (chemical application)		X	X			High
49		Mining (surface & underground)	X		X			High
50		Pipelines (oil, gas, coal slurry)	X					High
51		Railroad tracks, yards & maintenance	X	X	X	X		High
52		Surface water impoundments, streams/ditches				X		High
53		Stormwater drains & retention basins	X	X	X	X		High
54		Unplugged abandoned well	X	X		X		High
55		Well: operating	X	X	X	X		High – Low

Contaminant Categories:

- A = V.O.C.
- B = S.O.C.
- C = I.O. C.
- D = MICROBIOLOGICAL
- E = RADIONUCLIDES

Activities That May Contaminate Drinking Water

Residential Uses: (*viruses, bacteria, nitrates, chemical compounds*)

- Failing septic systems, chemical septic system cleaners
- Improper storage and application of fertilizers, pesticides and lawn care chemicals
- Disposal of household cleaners, automotive products, poisons, waste oil, paint thinners, gasoline, pet waste into septic systems, backyard pits and storm drains
- Driveway runoff of oils, gasoline, heavy metals, de-icing chemicals
- Leaking underground heating oil tanks

Schools and Institutions: (*chemical compounds, solvents, nitrates*)

- Disposal of oil, paints, chemicals into floor drains, sinks or directly to the ground
- Contaminated runoff from parking areas • Improper fertilization of recreation fields
- Equipment wash waste water

Municipal Uses: (*sodium chloride, heavy metals, petroleum*)

- Improper storage and application of deicing chemicals
- Street sweeping
- Public works garages; auto maintenance, equipment wash waste water
- Uncapped/Unlined landfills, open dumps
- Leaking sewer lines/oil lines
- Improper storage/application of pesticides and fertilizers
- Contaminated runoff from roads, parking lots

Commercial, Industrial Uses: (*heavy metals, petroleum, sodium chloride*)

- Improper storage, disposal and management of hazardous materials/waste
- Abandoned or leaking underground storage tanks
- Spills and releases that go unattended
- Floor drains which discharge directly to the ground
- Exposed bodies of water from mining, sand and gravel operations
- Waste storage lagoons
- Transportation spills and releases

Agriculture Uses: (*nitrates, bacteria, viruses*)

- Improper use/storage of pesticides, herbicides, animal manure, fertilizers
- Improper irrigation methods
- Animal burial
- Storage lagoons
- Concentrated animal feedlot operations
- Contaminated runoff and equipment wash waste water