# Nevada Potential Contamination Sources

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

**Contaminant Categories:**

- A = V.O.C.
- B = S.O.C.
- C = I.O. C.
- D = MICROBIOLOGICAL
- E = RADIONUCLIDES
### Activities That May Contaminate Drinking Water

<table>
<thead>
<tr>
<th>Residential Uses: (viruses, bacteria, nitrates, chemical compounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Failing septic systems, chemical septic system cleaners</td>
</tr>
<tr>
<td>• Improper storage and application of fertilizers, pesticides and lawn care chemicals</td>
</tr>
<tr>
<td>• Disposal of household cleaners, automotive products, poisons, waste oil, paint thinners, gasoline, pet waste into septic systems, backyard pits and storm drains</td>
</tr>
<tr>
<td>• Driveway runoff of oils, gasoline, heavy metals, de-icing chemicals</td>
</tr>
<tr>
<td>• Leaking underground heating oil tanks</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Schools and Institutions: (chemical compounds, solvents, nitrates)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Disposal of oil, paints, chemicals into floor drains, sinks or directly to the ground</td>
</tr>
<tr>
<td>• Contaminated runoff from parking areas • Improper fertilization of recreation fields</td>
</tr>
<tr>
<td>• Equipment wash waste water</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Municipal Uses: (sodium chloride, heavy metals, petroleum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Improper storage and application of deicing chemicals</td>
</tr>
<tr>
<td>• Street sweeping</td>
</tr>
<tr>
<td>• Public works garages; auto maintenance, equipment wash waste water</td>
</tr>
<tr>
<td>• Uncapped/Unlined landfills, open dumps</td>
</tr>
<tr>
<td>• Leaking sewer lines/oil lines</td>
</tr>
<tr>
<td>• Improper storage/application of pesticides and fertilizers</td>
</tr>
<tr>
<td>• Contaminated runoff from roads, parking lots</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Commercial, Industrial Uses: (heavy metals, petroleum, sodium chloride)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Improper storage, disposal and management of hazardous materials/waste</td>
</tr>
<tr>
<td>• Abandoned or leaking underground storage tanks</td>
</tr>
<tr>
<td>• Spills and releases that go unattended</td>
</tr>
<tr>
<td>• Floor drains which discharge directly to the ground</td>
</tr>
<tr>
<td>• Exposed bodies of water from mining, sand and gravel operations</td>
</tr>
<tr>
<td>• Waste storage lagoons</td>
</tr>
<tr>
<td>• Transportation spills and releases</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Agriculture Uses: (nitrates, bacteria, viruses)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Improper use/storage of pesticides, herbicides, animal manure, fertilizers</td>
</tr>
<tr>
<td>• Improper irrigation methods</td>
</tr>
<tr>
<td>• Animal burial</td>
</tr>
<tr>
<td>• Storage lagoons</td>
</tr>
<tr>
<td>• Concentrated animal feedlot operations</td>
</tr>
<tr>
<td>• Contaminated runoff and equipment wash waste water</td>
</tr>
</tbody>
</table>