



## CITY OF REDMOND

### ENVIRONMENTAL CHECKLIST

#### Purpose of Checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the City of Redmond identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

#### Instructions for Applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply" and indicate the reason why the question "does not apply". It is not adequate to submit responses such as "N/A" or "does not apply"; without providing a reason why the specific section does not relate or cause an impact. Complete answers to the questions now may avoid unnecessary delays later. If you need more space to write answers attach them and reference.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the City can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. When you submit this checklist the City may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

#### Use of Checklist for Non project Proposals:

Complete this checklist for non-project proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NON PROJECT ACTIONS (part D).

For non-project actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.





<b>To be completed by applicant</b>	<b>Evaluation for Agency Use only</b>
<p>11. List any government approvals or permits that will be needed for your proposal, if known.</p> <p>12. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)</p> <p>13. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.</p>	

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<p><b>B. <u>ENVIRONMENTAL ELEMENTS</u></b></p> <p><b>1. Earth</b></p> <p>a. General description of the site (check one)</p> <p><input type="checkbox"/> Flat</p> <p><input type="checkbox"/> Rolling</p> <p><input type="checkbox"/> Hilly</p> <p><input type="checkbox"/> Steep slopes</p> <p><input type="checkbox"/> Mountainous</p> <p><input type="checkbox"/> Other</p> <p>b. What is the steepest slope on the site (approximate percent slope)? Describe location and areas of different topography.</p> <p>c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, mulch)? If you know the classification of agricultural soils, specify them and note any prime farmland.</p>	

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<p>d. Are there surface indications or history of unstable soils in the immediate vicinity? <input type="checkbox"/> Yes <input type="checkbox"/> No If so, describe.</p> <p>e. Describe the purpose, type, location and approximate quantities of any filling or grading proposed. Indicate source of fill.</p> <p>f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.</p> <p>g. About what percentage of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?</p> <p>h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any.</p>	

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<p>i. Does the landfill or excavation involve over 100 cubic yards throughout the lifetime of the project?</p> <p><b>2. Air</b></p> <p>a. What types of emissions to the air would result from the proposal (i.e. dust, automobile, odors, industrial wood smoke, and greenhouse gases) during construction and when the project is completed: If any, generally describe and give approximate quantities if known.</p> <p>b. Are there any off-site sources of emissions or odor that may affect your proposal? <input type="checkbox"/> Yes <input type="checkbox"/> No If so, generally describe.</p> <p>c. Proposed measures to reduce or control emissions or other impacts to air, if any:</p> <p><b>3. Water</b></p> <p>a. Surface</p> <p>1. Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe type, location and provide names. If appropriate, state what stream or river it flows into. Provide a sketch if not shown on site plans.</p>	

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<p>2. Will the project require any work over, in, or adjacent to (within 200 feet) the described waters: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please describe and attach available plans. Note approximate distance between surface waters and any construction, fill, etc..</p> <p>3. Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material, if from on site.</p> <p>4. Will the proposal require surface water withdrawals or diversions? <input type="checkbox"/> Yes <input type="checkbox"/> No Give general description, purpose, and approximate quantities if known.</p> <p>5. Does the proposal lie within a 100-year floodplain? <input type="checkbox"/> Yes <input type="checkbox"/> No If so, note location on the site plan.</p>	



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<p>6. Does the proposal involve any discharge of waste materials to surface waters? <input type="checkbox"/> Yes <input type="checkbox"/> No If so, describe the type of waste and anticipated volume of discharge.</p> <p>b. Ground</p> <p>1. Will ground water be withdrawn, or will water be discharged to ground water? <input type="checkbox"/> Yes <input type="checkbox"/> No Give general description, purpose, and approximate quantities if known.</p> <p>2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals...; agricultural; etc.) Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.</p> <p>c. Water Runoff (including storm water):</p> <p>1. Describe the source(s) of runoff (including storm water) and method of collection, transport/conveyance, and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.</p>	

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<p>2. Could waste materials enter ground or surface waters? If so, generally describe.</p> <p>d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:</p> <p><b>4. Plants</b></p> <p>a. Check and select types of vegetation found on the site:</p> <p><input type="checkbox"/> Deciduous Tree: <input type="checkbox"/> Alder <input type="checkbox"/> Maple <input type="checkbox"/> Aspen <input type="checkbox"/> Other</p> <p><input type="checkbox"/> Evergreen Tree: <input type="checkbox"/> Cedar <input type="checkbox"/> Fir <input type="checkbox"/> Pine <input type="checkbox"/> Other</p> <p><input type="checkbox"/> Shrubs</p> <p><input type="checkbox"/> Grass</p> <p><input type="checkbox"/> Pasture</p> <p><input type="checkbox"/> Crop or Grain</p> <p><input type="checkbox"/> Wet soil plants: <input type="checkbox"/> Cattail <input type="checkbox"/> Buttercup <input type="checkbox"/> Bullrush  <input type="checkbox"/> Skunk cabbage <input type="checkbox"/> Other</p> <p><input type="checkbox"/> Water plants: <input type="checkbox"/> Water lily <input type="checkbox"/> Eelgrass <input type="checkbox"/> Milfoil <input type="checkbox"/> Other</p> <p><input type="checkbox"/> Other types of vegetation (please list)</p> <p>b. What kind and amount of vegetation will be removed or altered?</p>	

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<p>c. List threatened or endangered species known to be on or near the site.</p> <p>d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:</p> <p><b>5. Animals</b></p> <p>a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site</p> <p><input type="checkbox"/> Birds: <input type="checkbox"/> Hawk <input type="checkbox"/> Heron <input type="checkbox"/> Eagle <input type="checkbox"/> Songbirds <input type="checkbox"/> Other</p> <p><input type="checkbox"/> Mammals: <input type="checkbox"/> Deer <input type="checkbox"/> Bear <input type="checkbox"/> Elk <input type="checkbox"/> Beaver <input type="checkbox"/> Other</p> <p><input type="checkbox"/> Fish: <input type="checkbox"/> Bass <input type="checkbox"/> Salmon <input type="checkbox"/> Trout <input type="checkbox"/> Herring</p> <p><input type="checkbox"/> Shellfish <input type="checkbox"/> Other</p> <p>b. List any threatened or endangered species known to be on or near the site</p> <p>c. Is the site part of a migration route: <input type="checkbox"/> Yes <input type="checkbox"/> No If so, explain?</p>	

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<p>d. Proposed measures to preserve or enhance wildlife, if any:</p> <p><b>6. Energy and Natural Resources</b></p> <p>a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs: Describe whether it will be used for heating, manufacturing, etc.</p> <p>b. Would your project affect the potential use of solar energy by adjacent properties? <input type="checkbox"/> Yes <input type="checkbox"/> No If so, generally describe.</p> <p>c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:</p> <p><b>7 Environmental Health</b></p> <p>a. Are there any environmental health hazards, including exposure to toxic chemicals, risk or fire and explosion, spill, or hazardous waste that could occur as a result of this proposal? <input type="checkbox"/> Yes <input type="checkbox"/> No. If so, describe.</p>	

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<ol style="list-style-type: none"> <li>1. Describe special emergency services that might be required.</li>   <li>2. Proposed measures to reduce or control environmental health hazards, if any:               <ol style="list-style-type: none"> <li>b. Noise                   <ol style="list-style-type: none"> <li>1. What types of noise exist in the area which may affect your project (for example: traffic equipment, operation, other)?</li>   <li>2. What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.</li> </ol> </li> </ol> </li>   <li>3. Proposed measures to reduce or control noise impacts, if any:               <ol style="list-style-type: none"> <li>c. Describe the potential use of the following:                   <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Flammable liquids</li> </ol> </li> </ol> </li> </ol>	

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<p>2. <input type="checkbox"/> Combustible liquids</p> <p>3. <input type="checkbox"/> Flammable gases</p> <p>4. <input type="checkbox"/> Combustible or flammable fibers</p> <p>5. <input type="checkbox"/> Flammable solids</p> <p>6. <input type="checkbox"/> Unstable materials</p> <p>7. <input type="checkbox"/> Corrosives</p> <p>8. <input type="checkbox"/> Oxidizing materials</p> <p>9. <input type="checkbox"/> Organic peroxides</p> <p>10. <input type="checkbox"/> Nitromethane</p> <p>11. <input type="checkbox"/> Ammonium nitrate</p> <p>12. <input type="checkbox"/> Highly toxic material</p> <p>13. <input type="checkbox"/> Poisonous gas</p> <p>14. <input type="checkbox"/> Smokeless powder</p> <p>15. <input type="checkbox"/> Black sporting powder</p> <p>16. <input type="checkbox"/> Ammunition</p> <p>17. <input type="checkbox"/> Explosives</p> <p>18. <input type="checkbox"/> Cryogenics</p> <p>19. <input type="checkbox"/> Medical gas</p> <p>20. <input type="checkbox"/> Radioactive material</p> <p>21. <input type="checkbox"/> Biological material</p> <p>22. <input type="checkbox"/> High piled storage (over 12' in most cases)</p> <p><b>8. Land and Shoreline Use</b></p> <p>a. What is the current use of the site and adjacent properties?</p>	

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<p>b. Has the site been used for agriculture? <input type="checkbox"/> Yes <input type="checkbox"/> No If so, describe.</p> <p>c. Describe any structures on the site.</p> <p>d. Will any structures be demolished? <input type="checkbox"/> Yes <input type="checkbox"/> No If so, what?</p> <p>e. What is the current zoning classification of the site?</p> <p>Other _____</p> <p>f. What is the current comprehensive plan designation of the site?</p> <p>Other _____</p> <p>g. If applicable, what is the current shoreline master program designation of the site?</p> <p>Other _____</p> <p>h. Has any part of the site been classified as an "environmentally sensitive" area? <input type="checkbox"/> Yes <input type="checkbox"/> No If so, specify. (If unsure check with City)</p>	

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<p>i. Approximately how many people would reside or work in the completed project.</p> <p>j. Approximately how many people would the completed project displace?</p> <p>k. Proposed measures to avoid or reduce displacement impacts, if any:</p> <p>l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:</p> <p>m. What percentage of the building will be used for:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Warehousing</li> <li><input type="checkbox"/> Manufacturing</li> <li><input type="checkbox"/> Office</li> <li><input type="checkbox"/> Retail</li> <li><input type="checkbox"/> Service (specify)</li> <li><input type="checkbox"/> Other (specify)</li> <li><input type="checkbox"/> Residential</li> </ul> <p>n. What is the proposed I.B.C. construction type?</p>	



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<p data-bbox="298 281 1192 352">o. How many square feet are proposed (gross square footage including all floors, mezzanines, etc.)</p> <p data-bbox="298 527 1192 598">p. How many square feet are available for future expansion (gross square footage including floors, mezzanines and additions).</p> <p data-bbox="185 772 415 804"><b>9. Housing</b></p> <p data-bbox="298 831 1192 903">a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.</p> <p data-bbox="298 1077 1192 1148">b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.</p> <p data-bbox="298 1356 1192 1428">c. Proposed measures to reduce or control housing impacts, if any:</p> <p data-bbox="185 1640 440 1671"><b>10. Aesthetics</b></p> <p data-bbox="298 1698 1192 1801">a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?</p>	

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<p data-bbox="298 447 1101 520">b. What views in the immediate vicinity would be altered or obstructed?</p> <p data-bbox="298 764 1192 837">c. Proposed measures to reduce or control aesthetic impacts, if any:</p> <p data-bbox="185 1016 521 1056"><b>11. Light and Glare</b></p> <p data-bbox="298 1083 1192 1157">a. What type of light or glare will the proposal produce: What time of day or night would it mainly occur:</p> <p data-bbox="298 1341 1192 1415">b. Could light or glare from the finished project be a safety hazard or interfere with views:</p> <p data-bbox="298 1600 1192 1673">c. What existing off-site sources of light or glare may affect your proposal?</p>	

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<p>d. Proposed measures to reduce or control light and glare impacts, if any:</p> <p><b>12. Recreation</b></p> <p>a. What designated and informal recreational opportunities are in the immediate vicinity?</p> <p>b. Would the proposed project displace any existing recreational uses? <input type="checkbox"/> Yes <input type="checkbox"/> No If so, describe.</p> <p>c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:</p> <p><b>13. Historic and Cultural Preservation</b></p> <p>a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.</p> <p>b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.</p>	

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<p data-bbox="298 506 1084 537">c. Proposed measures to reduce or control impacts, if any:</p> <p data-bbox="185 741 509 772"><b>14. Transportation</b></p> <p data-bbox="298 791 1190 894">a. Identify public streets and highways service the site, and describe proposed access to the existing street system. Show on site plans, if any.</p> <p data-bbox="298 1108 1190 1178">b. Is site currently served by public transit? <input type="checkbox"/> Yes <input type="checkbox"/> No If not, what is the approximate distance to the nearest transit stop.</p> <p data-bbox="298 1392 1190 1461">c. How many parking spaces would the completed project have? How many would the project eliminate?</p> <p data-bbox="298 1675 1190 1814">d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).</p>	

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<p>e. How many weekday vehicular trips (one way) per day would be generated by the completed project? _____  If known, indicate when peak volumes would occur. _____ - _____ a.m. &amp; - _____ p.m. How many of these trips occur in the a.m. peak hours? _____ How many of these trips occur in the p.m. peak hours? _____</p> <p>f. Proposed measures to reduce or control transportation impacts, if any.</p> <p><b>15. Public Services</b></p> <p>a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? <input type="checkbox"/> Yes <input type="checkbox"/> No. If so, generally describe.</p> <p>b. Proposed measures to reduce or control direct impacts on public services, if any.</p>	

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<p><b>16. Utilities</b></p> <p>a. Select utilities currently available at the site:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Electricity</li> <li><input type="checkbox"/> Natural gas</li> <li><input type="checkbox"/> Water</li> <li><input type="checkbox"/> Refuse service</li> <li><input type="checkbox"/> Telephone</li> <li><input type="checkbox"/> Sanitary Sewer</li> <li><input type="checkbox"/> Septic System</li> <li><input type="checkbox"/> Other</li> </ul> <p>b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.</p>	

**C. SIGNATURE**

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

**Signature:** \_\_\_\_\_

**Date Submitted:** \_\_\_\_\_

**Relationship of signer to project:** \_\_\_\_\_



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<p>3. How would the proposal be likely to deplete energy or natural resources?</p> <p>Proposed measures to protect or conserve energy and natural resources are:</p> <p>4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands:</p> <p>Proposed measures to protect such resources or to avoid or reduce impacts are:</p> <p>5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?</p>	



