

## Appendix D: SEPA Checklist





## 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.

To be completed by applicant	Evaluation for Agency Use only		
<p><b>A. BACKGROUND</b></p> <p>1. Name of proposed project, if applicable:</p> <p style="padding-left: 40px;">Sammamish Valley Park</p> <p>2. Name of applicant:</p> <p style="padding-left: 40px;">City of Redmond, Parks and Recreation Department</p> <p>3. Address and phone number of applicant and Contact person:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> City of Redmond,  Parks and Recreation Dept.  PO Box 97010  Redmond, WA 98073-9710  Contact: Carolyn Hope (425) 556-2313 </td> <td style="width: 50%; vertical-align: top;"> The Watershed Company (agent)  750 Sixth Street South  Kirkland, WA 98033  Contact: Ryan Kahlo or Jenni Creveling  Phone: (425) 822-5242 </td> </tr> </table> <p>4. Date checklist prepared:</p> <p style="padding-left: 40px;">January 14, 2010</p> <p>5. Agency requesting checklist:</p> <p style="padding-left: 40px;">City of Redmond</p> <p>6. Give an accurate, brief description of the proposal's scope and nature:</p> <p style="padding-left: 20px;">i. Acreage of the site: <u>32.08 acres</u></p> <p style="padding-left: 20px;">ii. Number of dwelling units/ buildings to be constructed: <u>0</u></p> <p style="padding-left: 20px;">iii. Square footage of dwelling units/ buildings being added: <u>0</u></p> <p style="padding-left: 20px;">iv. Square footage of pavement being added: <u>30,855 square feet</u></p> <p style="padding-left: 20px;">v. Building Activity type: <u>Public Assembly</u></p> <p style="padding-left: 20px;">vi. Other information: _____</p>	City of Redmond, Parks and Recreation Dept. PO Box 97010 Redmond, WA 98073-9710 Contact: Carolyn Hope (425) 556-2313	The Watershed Company (agent) 750 Sixth Street South Kirkland, WA 98033 Contact: Ryan Kahlo or Jenni Creveling Phone: (425) 822-5242	
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<p>7. Proposed timing or schedule (including phasing, if applicable):</p> <p>The 4-acre active use part of the park to be developed as part of Phase 1, is scheduled to be completed prior to 2016.</p> <p>8. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, explain</p> <p>There are no additional plans at this time. The City may consider future expansion of the park, if neighboring properties were to become available.</p> <p>9. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.</p> <p>A wetland delineation was performed in April 2009. The study determined the presence of a Category II emergent, depressionnal wetland encompassing much of the site. The wetland vegetation is dominated by a reed canarygrass monoculture. A small seasonal stream is adjacent to the southwestern and southern property boundaries. Redmond mapping identifies the stream as a Class III stream, meaning it has non-salmonid fish use or the potential for non-salmonid fish use. See the Sammamish Valley Park Wetland Delineation Report, prepared by The Watershed Company for further details.</p> <p>10. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, explain.</p>	

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<p>11. List any government approvals or permits that will be needed for your proposal, if known.</p> <p>U.S. Army Corps of Engineers - Clean Water Act, Section 404, NWP 27(including Endangered Species Act consultation)  Washington Department of Ecology - Clean Water Act, Section 401 Water Quality Certification, Construction Stormwater General Permit  Washington Department of Fish and Wildlife - Hydraulic Project Approval  City of Redmond - Clear &amp; Grade, Critical Areas Review, SEPA, Building Permit, Land Use Permit, Redmond Site Plan Entitlement Process</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>The project includes two primary components at the 32.08 acre site: wetland enhancement and construction of a community center and community garden. The wetland enhancement component will involve excavation of several depressions to create significantly more permanently ponded areas than currently exists and to add meandering backwaters. Enhancement will also include replacing the reed canarygrass monoculture with a diverse, native plant assemblage with emergent, scrub-shrub and forested areas. Habitat features such as large woody debris and standing snags will also be installed. An interpretive trail and boardwalk will be meander through and around the wetland areas. The total size of Wetland A is 20.92 acres. The excavated pond will equal 0.61 acres; the excavated depressions will equal 1.0 acres; and the excavated backwaters will equal 0.41 acres.</p> <p>A community center, plaza, picnic shelter and their associated parking lot are proposed in the northwest portion of the park, outside of the wetland and buffer areas. A community garden with associated restrooms and garden shelter is proposed in the northwestern-most corner of the park, outside of the wetland and buffer areas. The proposed structures will occupy approximately 9,700 square feet.</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> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Flat</li> <li><input type="checkbox"/> Rolling</li> <li><input type="checkbox"/> Hilly</li> <li><input type="checkbox"/> Steep slopes</li> <li><input type="checkbox"/> Mountainous</li> <li><input type="checkbox"/> Other</li> </ul> <p>b. What is the steepest slope on the site (approximate percent slope)? Describe location and areas of different topography.</p> <p>The steepest slope is approximately 8%. The property is mostly flat, but gradually slopes upward towards the northwest portion of the site, where the proposed structures and impervious surfaces will be located.</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> <p>According to NRCS soil maps, most of wetland areas on the site contain Tukwila muck, while most of the non-wetland areas are mapped as Indianola loamy fine sand.</p> <p>Soils observed in wetland delineation data pits generally contained silty loam. Some areas contains silty loam with organic inclusions.</p> <p>See the Wetland Delineation Report, prepared by The Watershed Company, for further details.</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 checked="" 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>See attached "Additional Descriptions"</p> <p>f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.</p> <p>There may be some temporary disturbances during construction of the proposed project that could cause erosion. Given the topography of the site, most effects would be minor and localized. BMPs will be used to minimize the extent of any disturbances.</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>Approximately 2.9% of the site.</p> <p>h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any.</p> <p>See attached "Additional Descriptions"</p> <p>i. Does the landfill or excavation involve over 100 cubic yards throughout the lifetime of the project?</p> <p>Yes. As previously described, approximately 52,000 cubic yards of soil will be excavated to create the depressions, ponded areas, and backwater channels associated with the wetland enhancement. Half of that volume will be placed on-site, and half will be hauled to a permitted receiving site.</p>	

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<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>Any air quality impacts from construction vehicle emissions and associated dust generation would be temporary and rapidly dissipated. When construction is complete the proposed park improvements are expected to slightly increase vehicle traffic to the area.</p> <p>b. Are there any off-site sources of emissions or odor that may affect your proposal? <input type="checkbox"/> Yes <input checked="" 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>Standard methods of reducing impacts to air would be utilized and include keeping all heavy equipment in good operating condition. To reduce dust generation, exposed soils and soils stockpiles would be covered or watered during grading or during dry periods when subjected to equipment traffic.</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 checked="" 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> <p>There is a Category II depressional wetland (Wetland A) that encompasses much of the site. A small seasonal stream (Stream A) emerges from a culvert on the west side of the property, then flows in an artificial ditch-like channel along the southwestern and southern property boundary. Stream A discharges into the Sammamish River approximately 500 yards east of the site.</p> <p>2. Will the project require any work over, in, or adjacent to (within 200 feet) the described waters: <input checked="" 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>See attached "additional descriptions."</p>	

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<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>No fill is proposed for surface waters or wetlands. Impacts from the proposed boardwalk through the wetland will be limited to the pilings. It is estimated that 52,000 cubic yards of material will be excavated. Approximately 50% will be re-used on site and 50% exported. Approximately 29,000 cubic yards of structural fill material will be imported to be placed outside of the wetland.</p> <p>4. Will the proposal require surface water withdrawals or diversions? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Give general description, purpose, and approximate quantities if known.</p> <p>Stream A will be diverted so that all of the flow will enter Wetland A. Currently, some of the flow enters Wetland A and some is carried south, then east in a shallow, ditch-like channel that eventually discharges into the Sammamish River. The purpose of the diversion is to provide hydrology for the enhancement of Wetland A and possibly provide additional fish habitat.</p> <p>5. Does the proposal lie within a 100-year floodplain? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If so, note location on the site plan.</p> <p>Most of the property lies within the 100-year floodplain of the Sammamish River. The area where the structures will be constructed is outside of the 100-year floodplain (see attached "Preliminary Master Plan").</p> <p>6. Does the proposal involve any discharge of waste materials to surface waters? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, describe the type of waste and anticipated volume of discharge.</p> <p>No discharge of waste materials is anticipated.</p> <p>b. Ground</p> <p>1. Will ground water be withdrawn, or will water be discharged to ground water? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Give general description, purpose, and approximate quantities if known.</p> <p>A small amount of groundwater interflow from the west may be collected and conveyed to an underground cistern, which will be used to water the gardens, and in-turn the groundwater will be recharged.</p>	

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<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>None expected. The sewage system will be connected to the City of Redmond municipal sewage system.</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> <p>See attached "Additional Descriptions"</p> <p>2. Could waste materials enter ground or surface waters? If so, generally describe.</p> <p>There will be no intentional or anticipated discharge of waste materials into ground or surface waters.</p> <p>d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:</p> <p>During construction, efforts will be made to avoid and minimize impacts to ground and surface water by utilizing Stormwater BMPs as described in City of Redmond Stormwater Codes and Standards.</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>	

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<p> <input type="checkbox"/> Shrubs  <input checked="" type="checkbox"/> Grass  <input type="checkbox"/> Pasture  <input type="checkbox"/> Crop or Grain  <input checked="" type="checkbox"/> Wet soil plants: <input type="checkbox"/> Cattail <input type="checkbox"/> Buttercup <input type="checkbox"/> Bullrush  <input type="checkbox"/> Skunk cabbage <input checked="" type="checkbox"/> Other  <input type="checkbox"/> Water plants: <input type="checkbox"/> Water lily <input type="checkbox"/> Eelgrass <input type="checkbox"/> Milfoil <input type="checkbox"/> Other  <input checked="" type="checkbox"/> Other types of vegetation (please list)   Himalayan blackberry </p> <p>b. What kind and amount of vegetation will be removed or altered?</p> <p>Reed canarygrass and Himalayan blackberry will be removed to the maximum extent possible. A diverse native plant assemblage will replace the reed canarygrass monoculture.</p> <p>c. List threatened or endangered species known to be on or near the site.</p> <p>None known.</p> <p>d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:</p> <p>The site is currently dominated by invasive species (reed canarygrass and Himalayan blackberry). The project enhancement plan calls for the installation of a diverse, native plant community throughout the site.</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 checked="" type="checkbox"/> Birds: <input type="checkbox"/> Hawk <input type="checkbox"/> Heron <input checked="" type="checkbox"/> Eagle <input checked="" type="checkbox"/> Songbirds <input checked="" type="checkbox"/> Other  <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>	

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<p><input type="checkbox"/> Fish: <input checked="" type="checkbox"/> Bass <input checked="" type="checkbox"/> Salmon <input checked="" type="checkbox"/> Trout <input type="checkbox"/> Herring</p> <p><input type="checkbox"/> Shellfish <input type="checkbox"/> Other</p> <p>No fish are present on-site, but are present in the Sammamish River.</p> <p>b. List any threatened or endangered species known to be on or near the site</p> <p>Chinook salmon, steelhead, and bull trout, which are listed as threatened under the Endangered Species Act, are known to inhabit the Sammamish River.</p> <p>c. Is the site part of a migration route: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, explain?</p> <p>The Sammamish River (off-site) is a migratory route for anadromous fish.</p> <p>d. Proposed measures to preserve or enhance wildlife, if any:</p> <p>See attached "additional descriptions"</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>Electricity will be used for lighting and heating. A wood-burning fireplace may provide some heat when in use.</p> <p>b. Would your project affect the potential use of solar energy by adjacent properties? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, generally describe.</p>	

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<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>No specific kinds of energy conservation features are proposed at this time. It is the City's goal to build structures that maximize energy efficiency.</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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No. If so, describe.</p> <p>The only potential hazards would be associated with the operation of heavy equipment and machinery during the construction phase. Typical hazards related to heavy equipment fuels are associated.</p> <p>1. Describe special emergency services that might be required.</p> <p>In the event of an emergency, the local fire department hazardous materials team would respond. Local medical service may also be required. Standard emergency and response supplies will be on-site.</p> <p>2. Proposed measures to reduce or control environmental health hazards, if any:</p> <p>Standard precautions will be taken to reduce hazards. Refueling will occur away from the wetland. Construction crew managers will ensure that potential spills will be cleaned up as required by the chemical use instructions. Managers will contact the appropriate authorities in the event of a spill. <b>+</b></p> <p>b. Noise</p> <p>1. What types of noise exist in the area which may affect your project (for example: traffic equipment, operation, other)?</p> <p>Automobile traffic noise from Willows Road and NE 116th Street will be present, but is not expected to have an impact.</p> <p>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.</p> <p>See attached "additional descriptions"</p>	

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<p>3. Proposed measures to reduce or control noise impacts, if any:</p> <p>Noise impacts will be limited to standard daytime construction hours.</p> <p>c. Describe the potential use of the following:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Flammable liquids</li> <li>2. <input type="checkbox"/> Combustible liquids</li> <li>3. <input type="checkbox"/> Flammable gases</li> <li>4. <input type="checkbox"/> Combustible or flammable fibers</li> <li>5. <input type="checkbox"/> Flammable solids</li> <li>6. <input type="checkbox"/> Unstable materials</li> <li>7. <input type="checkbox"/> Corrosives</li> <li>8. <input type="checkbox"/> Oxidizing materials</li> <li>9. <input type="checkbox"/> Organic peroxides</li> <li>10. <input type="checkbox"/> Nitromethane</li> <li>11. <input type="checkbox"/> Ammonium nitrate</li> <li>12. <input type="checkbox"/> Highly toxic material</li> <li>13. <input type="checkbox"/> Poisonous gas</li> <li>14. <input type="checkbox"/> Smokeless powder</li> <li>15. <input type="checkbox"/> Black sporting powder</li> <li>16. <input type="checkbox"/> Ammunition</li> <li>17. <input type="checkbox"/> Explosives</li> <li>18. <input type="checkbox"/> Cryogenics</li> <li>19. <input type="checkbox"/> Medical gas</li> <li>20. <input type="checkbox"/> Radioactive material</li> <li>21. <input type="checkbox"/> Biological material</li> <li>22. <input type="checkbox"/> High piled storage (over 12' in most cases)</li> </ol> <p>Diesel fuel and gasoline will be the primary fuel sources for the construction equipment.</p>	

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<p><b>8. Land and Shoreline Use</b></p> <p>a. What is the current use of the site and adjacent properties?</p> <p>See attached "Additional Descriptions"</p> <p>b. Has the site been used for agriculture? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If so, describe.</p> <p>The site was historically used for agriculture, likely as pasture for livestock.</p> <p>c. Describe any structures on the site.</p> <p>There are currently no structures on the site.</p> <p>d. Will any structures be demolished? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, what?</p> <p>e. What is the current zoning classification of the site?</p> <p>A - Agricultural</p> <p>f. What is the current comprehensive plan designation of the site?</p> <p>Urban Recreation</p> <p>g. If applicable, what is the current shoreline master program designation of the site?</p> <p>Not Applicable</p>	

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<p>h. Has any part of the site been classified as an "environmentally sensitive" area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If so, specify. (If unsure check with City)</p> <p>See attached "Additional Descriptions"</p> <p>i. Approximately how many people would reside or work in the completed project.</p> <p>Zero to two staff people may work at the park site.</p> <p>j. Approximately how many people would the completed project displace?</p> <p>None.</p> <p>k. Proposed measures to avoid or reduce displacement impacts, if any:</p> <p>Not applicable. No displacement impacts are expected.</p> <p>l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:</p> <p>The City's comprehensive plan designation for the site is "urban recreation." The planned project is not inconsistent with any land use regulations, including the City of Redmond Comprehensive Plan and Community Development Guide.</p> <p>m. What percentage of the building will be used for:</p> <p><input type="checkbox"/> Warehousing</p> <p><input type="checkbox"/> Manufacturing</p> <p><input type="checkbox"/> Office</p> <p><input type="checkbox"/> Retail</p> <p><input type="checkbox"/> Service (specify)</p> <p><input checked="" type="checkbox"/> Other (specify) 100% community gathering building</p> <p><input type="checkbox"/> Residential</p>	

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<p>n. What is the proposed U.B.C. construction type?</p> <p>Type III, IV or V. To be determined.</p> <p>o. How many square feet are proposed (gross square footage including all floors, mezzanines, etc.)</p> <p>Approximately 9,700 square feet.</p> <p>p. How many square feet are available for future expansion (gross square footage including floors, mezzanines and additions).</p> <p>None.</p> <p><b>9. Housing</b></p> <p>a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.</p> <p>No housing will be provided.</p> <p>b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.</p> <p>No housing will be eliminated.</p> <p>c. Proposed measures to reduce or control housing impacts, if any:</p> <p>Not applicable. No housing impacts are anticipated.</p> <p><b>10. Aesthetics</b></p> <p>a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?</p> <p>The maximum building height will be 35 feet. Exterior building materials have not yet been determined.</p>	

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<p>b. What views in the immediate vicinity would be altered or obstructed?</p> <p>Views of the surrounding landscape, mostly fields will be altered by the installation of native trees and shrubs. The proposed structures will alter the views from and towards Willows Road. Distant views, such as Mt. Rainier will be preserved to the maximum extent possible.</p> <p>c. Proposed measures to reduce or control aesthetic impacts, if any:</p> <p>The planting plan will incorporate shrubs and smaller trees in areas where views, particularly of Mt. Rainier, could be obstructed.</p> <p><b>11. Light and Glare</b></p> <p>a. What type of light or glare will the proposal produce: What time of day or night would it mainly occur:</p> <p>Typical exterior lighting will be used around the proposed building and plaza. Pole lights will be used in the parking lot. Most lighting would occur in evening hours. However, some lights may remain on throughout the night for security purposes.</p> <p>b. Could light or glare from the finished project be a safety hazard or interfere with views:</p> <p>No.</p> <p>c. What existing off-site sources of light or glare may affect your proposal?</p> <p>None are anticipated.</p> <p>d. Proposed measures to reduce or control light and glare impacts, if any:</p> <p>Lighting will be timed and minimized to reduce the effects of light and glare, while still serving the security and functional needs of the site.</p>	

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<p><b>12. Recreation</b></p> <p>a. What designated and informal recreational opportunities are in the immediate vicinity?</p> <p>See attached "Additional Descriptions"</p> <p>b. Would the proposed project displace any existing recreational uses? <input type="checkbox"/> Yes <input checked="" 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>The project is not anticipated to impact any existing recreation. Recreational opportunities will be increased by providing walking trails, picnic areas, and community gardens at the completed project site.</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>None known.</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> <p>None known.</p> <p>c. Proposed measures to reduce or control impacts, if any:</p> <p>Should historic, archeological, scientific or cultural significant items be encountered during implementation of this project, work would be temporarily stopped while the appropriate agencies are notified.</p>	

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<p><b>14. Transportation</b></p> <p>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>Willows Road and NE 116th Street provide service to the site. An entrance to the proposed parking lot will connect directly to the northbound lane of Willows Road.</p> <p>b. Is site currently served by public transit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If not, what is the approximate distance to the nearest transit stop.</p> <p>There is a King County Metro bus stop at the intersection of Willows Road and NE 116th Street, less than 0.1 miles from the project site.</p> <p>c. How many parking spaces would the completed project have? How many would the project eliminate?</p> <p>The completed project will contain 43 parking spaces. No parking spaces will be eliminated.</p> <p>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> <p>No.</p> <p>e. How many weekday vehicular trips (one way) per day would be generated by the completed project? <u>210</u>  If known, indicate when peak volumes would occur. <u>7:30</u> - <u>8:30</u> a.m. &amp; - <u>4:30-7</u>p.m. How many of these trips occur in the a.m. peak hours? <u>70</u> How many of these trips occur in the p.m. peak hours? <u>70</u></p> <p>These numbers are approximate. The final public uses of the community building have not yet been determined.</p>	

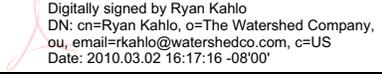
<b>To be completed by applicant</b>	<b>Evaluation for Agency Use only</b>
<p>f. Proposed measures to reduce or control transportation impacts, if any.</p> <p>Use of non-motorized transportation modes will be encouraged. Multiple bicycle racks will be provided adjacent to the multimodal trail near the west side of the site. During special events, the City plans to provide bus transportation from remote parking lot(s).</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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No. If so, generally describe.</p> <p>Some additional fire and police protection may be necessary, since the site will be converted from no use to low or moderate public use. Increased services are expected to be minor in scope and only necessary on rare occasions.</p> <p>b. Proposed measures to reduce or control direct impacts on public services, if any.</p> <p>None.</p> <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>	

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<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> <p>All utilities will need to be brought in from Willows Road or NE 116th Street. City of Redmond would provide water and sewer. Puget Sound Energy would provide electricity.</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:** March 2, 2010

**Relationship to signer to project:** Environmental Consultant

To be completed by applicant	Evaluation for Agency Use only
<p><b>D. <u>SUPPLEMENTAL SHEET FOR NON-PROJECT ACTIONS</u></b></p> <p><i>(DO NOT USE THIS SHEET FOR PROJECT ACTIONS)</i></p> <p>Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.</p> <p>When answering these questions, be aware of the extent the proposal or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.</p> <p>1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise:</p> <p>All increases in discharges to water and emissions to air would be minor. Extra vehicle trips to and from the park could produce slightly increased automobile emissions. Increased impervious surfaces from the buildings and parking lots will slightly increase the amount of discharge into Wetland A.</p> <p>Proposed measures to avoid or reduce such increases are:</p> <p>See attached "Additional Descriptions"</p> <p>2. How would the proposal be likely to affect plants, animals, fish, or marine life?</p> <p>See attached "Additional Descriptions"</p> <p>Proposed measures to protect or conserve plants, animals, fish or marine life are:</p> <p>The overall long-term project serves to protect and conserve plants, animals, and fish. Additional measures are not necessary.</p> <p>3. How would the proposal be likely to deplete energy or natural resources?</p> <p>Non-project actions are not anticipated to significantly deplete energy or natural resources.</p>	

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<p>Proposed measures to protect or conserve energy and natural resources are:</p> <p>Not applicable.</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>The project will have beneficial effects to wetlands by improving water quality, hydrology, and wildlife functions of the on-site wetland areas through extensive enhancement.</p> <p>Proposed measures to protect such resources or to avoid or reduce impacts are:</p> <p>Potential stormwater discharges into the wetland will be filtered and treated in bioswales prior to discharge. Stormwater will be discharged through a level flow spreader into the outer 25% of the wetland buffer, which will allow for more natural dispersion and infiltration prior to runoff entering the wetland.</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> <p>The proposal is consistent with land use designations and the planned zoning code change. There are no shorelines on the subject property.</p> <p>Proposed measures to avoid or reduce shoreline and land use impacts are:</p> <p>Not applicable.</p> <p>6. How would the proposal be likely to increase transportation or public services and utilities?</p> <p>The proposal may increase vehicular traffic to and from the site, which currently produces little to no traffic. The proposal will require standard utility service. Minor increases in emergency services could be necessary during public gathering events.</p> <p>Proposed measures to reduce or respond to such demand(s) are:</p> <p>The City plans to provide bus transportation from remote parking lot(s) during special events, reducing impacts to transportation. It is the City's goal to construct buildings that maximize energy efficiency, reducing the impact to utility increases.</p>	

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<p>7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.</p> <p>The long-term strategy for the park does not appear to conflict with any local, state, or federal laws or requirements for the protection of the environment.</p>	

## **Additional Descriptions for SEPA Checklist.**

### **B. Environmental Elements**

#### **1. Earth (e)**

Grading will be necessary for habitat enhancement and construction of the community center and community garden. Most of the existing wetland is saturated only. Excavation will be used to create significantly more seasonally/permanently ponded areas. Excavated soils will be primarily silt loam, some of which contains organic inclusions. Approximately 52,000 cubic yards of soil will be excavated for the habitat enhancement project.

#### **1. Earth (h)**

Standard best management practices (BMPs) will be used before and during construction to minimize erosion. BMPs include, but are not limited to, use of silt fences, compliance with a timing restriction to coincide with the summer low-rain, and storage of materials away from wetlands and streams. Following grading, disturbed areas will be revegetated with native plants. Attempts will be made to reuse as much of the excavated soils as possible. The current estimate is 50 percent of the excavated soils can be reused on-site.

#### **3. Water (a)(2)**

Much of the excavation will occur within the boundaries of Wetland A, and some will occur within 200 feet of Stream A. The trail construction will all take place within 200 feet of Wetland A, and the boardwalk sections will be constructed over Wetland A. The community center, community garden, and associated parking lot will be constructed approximately 75-100 feet west of Wetland A, outside of the standard wetland buffer.

#### **3. Water (c)(1)**

Runoff will be generated primarily by rainwater. Stormwater runoff from the improvements will be collected via a tightline drainage system and discharged through a level flow spreader to the outer 25% of the on-site wetland buffer. Runoff from the parking area will be conveyed through a bioswale for treatment prior to entering the wetlands. A small amount of groundwater interflow from the west may be collected and conveyed to an underground cistern, which will be used to water the gardens, and in-turn the groundwater will be recharged. The onsite wetland discharges to an existing ditch and flow east approximately 1,500 feet to the Sammamish River.

#### **4. Plants (b)**

The site is currently dominated by invasive species (reed canarygrass and Himalayan blackberry). The project enhancement plan calls for the removal of invasive species and the installation of a diverse native plant community throughout the site. Some ornamental plant varieties will be located near the

buildings and parking lot. The community gardens will be planted primarily with vegetables and herbs.

## **5. Animals (d)**

The proposed enhancement plan will improve wildlife habitat by increasing the diversity of habitat types. Areas of open water will be increased, which could provide habitat for waterfowl and amphibians. A diversity of vegetation communities will be established including aquatic bed, emergent, scrub-shrub, and forested areas. Additional habitat features will include meandering backwaters with overhanging vegetation, large woody debris placement, and the installation of a number of standing snags.

Stream A will be diverted so that all of its flow enters Wetland A. Stream A is currently constrained in a shallow ditch-like channel that does not provide quality fish habitat. Diverting the flow into Wetland A and adding ponded areas with meandering backwaters could create fish habitat at the site. Further hydrologic studies will be necessary to determine the types of fish that may utilize the site.

## **7. Environmental Health (b) Noise (2)**

Noise from construction equipment will be present during the construction phase and limited to standard daytime work hours. Construction will comply with City of Redmond standards for hours of construction and noise levels. Once the project is complete, noise will be typical of a low intensity recreational park and will be limited to park hours.

## **8. Land and Shoreline Use (a)**

The site is currently unused. The property to the north contains one practice soccer field and agricultural uses. The property to the east is unused. The property to the south, across SE 116th Street, contains a golf course. The property to the west contains an abandoned railway, which is to be developed as a multimodal trail by the city.

## **8. Land and Shoreline Use (h)**

Much of the site contains a Category II wetland, Wetland A. A Class III stream, Stream A, is adjacent to the site. Most of the site is located within the 100-year floodplain of the Sammamish River. City of Redmond GIS maps indicate that the site contains a seismic hazard area.

## **12. Recreation (b)**

The Sammamish River Trail follows the Sammamish River 500 yards east of the proposed project site. There is a practice soccer field to the north that will be phased out over the next three years as Full Circle Farms establishes agricultural uses on that site. There is a private golf course to the south. Sixty Acres Park, on the east side of the Sammamish River, offers 18 soccer fields.

## **Non-project Actions**

### **1. Proposed measures to avoid or reduce such increases are:**

To reduce air emissions, non-motorized transportation options will be encouraged by providing bicycle racks at the proposal site. To reduce impacts associated with discharge, bioswales will be installed to treat stormwater runoff prior to discharge into the outer 25% of the wetland buffer. By discharging into the outer buffer through a level flow spreader, runoff will be dispersed and infiltrated in a manner that causes the least amount of impact.

### **2. How would the proposal be likely to affect plants, animals, fish or marine life?**

The project will have a beneficial effect on plants and animals by replacing an invasive plant community lacking structural diversity with a diverse, native plant assemblage that will provide increased cover and forage opportunities for a number of animal species. The ponded areas and meandering backwaters, created as part of the proposal, may be able to provide new habitat for small, warm water fish species.

