KING COUNTY WETLANDS INVENTORY

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The original (1983) Wetlands Inventory was conceived and carried out with the assistance of staff from numerous agencies with a common interest in wetlands protection. Agencies participating with the Planning Division on the Wetlands Task Force included the King County Building and Land Development Division, King County Surface Water Management Division, U.S. Geological Survey-Puget Sound Earth Sciences Applications Project, Pacific Science Center, and Seattle Audubon Society. Special thanks to the U.S. Fish and Wildlife Service which provided wetland maps and training in the use of its wetland classification system. Special thanks to the following agencies for their financial assistance in the production of the 1983 Wetlands Inventory Notebooks: Washington State Department of Natural Resources, Washington State Department of Wildlife and METRO.
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- East Vashon  
- Hylebos Creek  
- Judd Creek  
- Lower Green River  
- Lower Puget Sound  
- Maury Island  
- Middle Green River  
- Mill Creek  
- Miller Creek  
- Needle Creek  
- Newaukum Creek  
- Salmon Creek  
- Soos Creek  
- West Vashon  
- White River
1990 KING COUNTY WETLANDS INVENTORY

INTRODUCTION

Background

Wetlands are a valuable natural resource in King County. They are among the most productive of biological systems, providing habitat for fish and wildlife. They serve as outdoor classrooms and laboratories for scientific study. Wetlands provide recreational activities such as hiking, hunting, fishing, boating or observing wildlife. In certain cases, they support agricultural uses and provide rearing habitat vital to commercial fisheries. Wetlands offer unique scenic value. They protect water quality by trapping sediments and absorbing pollutants and nutrients. In many cases, wetlands help recharge groundwater supplies and maintain summer stream flows. Finally, wetlands control runoff and store floodwaters, thereby reducing potential damage from flooding and erosion in downstream areas.

Traditionally, wetlands have been regarded as lands of little or no value, unfit for productive use, unsightly, a nuisance or a hazard. Unfortunately, this has led to the more serious problems facing wetlands. The most common are the dredging, draining and filling of wetlands for urban development. When this occurs, valuable fish and wildlife habitat is lost. Because the wetland's capacity to store floodwaters is removed, stream flows increase and cause erosion, flooding and related damage downstream. Logging compacts soil, destroys plants and habitat and can increase runoff and sedimentation in wetlands. Pollutants from streets and urban development can change the chemistry of the water in wetlands, causing damage to wetlands and downstream systems. This, in turn, affects the animals which depend on healthy wetlands for food and shelter. Wetlands are too often used as a convenient place to dump garbage or toxic wastes. Finally, new development on top of a filled wetland may experience unstable foundations, shifting, settling or inadequate drainage. Filled wetlands are seismic hazard areas. The net result of wetland impacts?... The loss of over 40 percent of the nation's wetlands over the last 200 years, and over 50 percent in Washington State.¹

King County has recognized the value of wetlands and has taken action to protect them. The values and functions of wetlands were first recognized in 1973 through an amendment to the King County Comprehensive Plan (Ord. 1838). More recently, King County's Surface Water Policy (Ord. 2281, as amended) recognizes the inherent flood storage value of wetlands and their ability to moderate flows in downstream areas. The King County Sewerage General Plan (1979) contains a provision which prohibits the extension of sewer

¹ The Office of Technology Assessment (1984) reported that by 1954, about 100 years after the Swamp Lands Acts of 1849, 1850, and 1860, 40 percent of the nation's wetlands had been destroyed or altered by drainage, dredging, fill, or construction, and that losses continue to occur. In the Puget Sound basin, nearly half (14,000 acres) of the coastal wetlands have been converted to upland uses (primarily agricultural and industrial) since 1880, and 50 to 60 percent of riparian (palustrine and riverine) wetlands along stream corridors have been lost (Boule et al. 1983). Dahl (1990) estimated that, on average, over 60 acres of wetlands have been lost every hour for the last 200 years (between the 1780's and 1980's) in the lower 48 states.
service within wetlands. The 1985 King County Comprehensive Plan contains several policies regarding wetlands, recognizing that "wetlands are among the most valuable natural resources in King County" and are ecological systems which "should be preserved or enhanced." The most encompassing action to protect wetlands taken by King County is the adoption of amendments to the Sensitive Areas Ordinance (Ord. 9614) in 1990. The ordinance prohibits development in wetlands unless special studies show that either (1) the wetland does not serve any of a number of specific functions or (2) the proposed development would preserve or enhance wetlands functions. It also contains very detailed mitigation requirements and limits or prohibits most types of alterations to wetlands. Readers are referred to the Sensitive Areas Ordinance for more information on wetland regulatory standards.

The 1983 Wetlands Inventory

In order to develop the tools necessary to carry out the Sensitive Areas Ordinance and other wetland policies, King County conducted and published a county-wide inventory of wetlands during the years 1981-1983. The inventory methodology was designed with the assistance of an interagency task force. Represented on the task force were the King County Planning, Building and Land Development and Surface Water Management Divisions, the Washington Department of Game (now the Washington Department of Wildlife), the U.S. Geological Survey, Seattle University, the Pacific Science Center, and the Audubon Society. The U.S. Fish and Wildlife Service supplied wetland maps prepared as a part of its National Wetlands Inventory. Wetlands were classified using a system, also provided by U.S. Fish and Wildlife Service, titled "Classification of Wetlands and Deepwater Habitats of the United States" (Cowardin et al. 1979).

The inventory collected data on each wetland in several categories. This information is summarized on the two page inventory data sheets that constitute the bulk of this three notebook document. The data sheet contains an aerial photograph depicting the approximate edge of each wetland, as well as information on location, inventory date, photo date, acreage, classification, community planning area, drainage basin, species observed during site visit, significant habitat features, hydrological and water quality observations, other general observations, and wetland rating according to the 1990 Sensitive Areas Ordinance.

The inventory was conducted in western King County using the sub-basin as the basic unit for collecting data. King County contains all or a portion of five major river basins or drainages which are divided into 68 sub-basins. The inventory contains information on wetland sites in 54 of 68 sub-basins. The sub-basin was used because it defines the boundaries of the drainage system within which a wetland's hydrologic role can be measured.

Three field teams conducted the inventory. Each team consisted of a biologist and Planning Division staff member. The inventory started in June 1981 and was completed in September 1981. Data was collected on 868 wetlands. The data was interpreted, mapped, collated, and summarized during the ensuing months. The notebooks were printed and distributed in 1983.
The 1990 Wetlands Inventory Update

The 1983 Inventory was updated and revised in 1990 for several reasons. First, the project was conducted as part of the 1990 update of the Sensitive Areas Map Folio. Second, review of development patterns revealed that the inventory needed to be expanded to areas experiencing new growth. Third, many of the National Wetlands Inventory maps prepared by the U.S. Fish & Wildlife Service were revised since the initial county inventory, revealing the location of over 800 additional wetlands than previously identified. Fourth, several incorporations and annexations took place, suggesting that data gathered for wetland sites falling in those areas be maintained by the respective suburban city.

Users of the 1990 Update will notice three main differences from the 1983 Inventory. First, the wetland rating system was re-worded in the 1990 Amendments to the Sensitive Areas Ordinance. The rating no longer requires a computerized ranking process to be used to assign a rating to un-inventoried wetlands. Second, the wetland evaluation summary on page two of the data summary sheets has been deleted. The evaluation summary was the first attempt to quantify wetland functions and values according to the five criteria used (biology, hydrology, visual, cultural, and economic). Since that time, wetland evaluation techniques have been developed that rendered the evaluation procedure somewhat obsolete. Thus, the technical team decided to remove it. Third, the order of sub-basins within each notebook volume, and the total number and distribution of wetlands within the inventory has changed. In addition, an Inventory Index has been provided listing the wetland sites for each sub-basin, the 1990 Sensitive Areas Folio map page number on which the site can be found, the approximate acreage, and the rating for each site. When researching a wetland site, refer first to the Index for any errata or additional notes pertaining to its inventory.

Inventory Products

The results of the wetlands inventory are summarized in this three-volume notebook. The notebook is one of a series of products designed to implement King County wetland policies. The Sensitive Areas Map Folio (December 1990) shows the general location of wetlands mapped in the inventory, and identifies each with a two-digit number which links it to collected data. The field data sheets are on file with King County Resource Planning. The data are stored in a dBase IV structure for easy access and will be maintained by King County.

Organization of the Notebook Volumes

To accommodate the large amount of wetland data, this notebook is divided into three volumes. Each volume covers a specific geographic area of western King County. The index map at the front of each volume shows the areas covered by each volume.

Volume I covers the north and northeast portion of King County; Volume II covers the eastern and central portions of the King County; and Volume III covers south and southwestern portions of King County. The sub-basins that compose each volume are as follows:
Wetland Inventory Data Sheets

For each wetland, a two-page summary has been prepared and included in the notebook. The data sheets present selected inventory data and the evaluations for each wetland in a condensed form. Inventory data not included in the wetland summaries is contained in the original field notes on file with King County Resource Planning.

Aerial Photograph

At the top of the first page is an aerial photo showing the wetland site. The photo is at one of five approximate scales and is specified at the lower right corner of the photo; 1" = 200', 1" = 500', 1" = 1000', 1" = 1500', or 1" = 2000', depending on the size of the wetland. Scales were chosen so that the largest possible image could be obtained and still show nearby features such as roads and buildings. Below the photograph is an arrow indicating north direction. The date of the aerial photograph is shown at the lower left corner. Topography from U.S. Geological Survey base maps has been superimposed on the photographs for the wetlands inventoried in 1983. For the sake of clarity, topographic contours were not extended through the wetland site boundaries.

The wetland is indicated by a heavy line which represents the approximate edge identified on the day of the inventory. As noted at the bottom of the page, the wetland edge shown on the photograph is approximate, being based on observations made during one field visit. It is not intended to replace a final determination resulting from a special study under the Sensitive Areas review process. It should serve only as the basis for staff review of special studies.
Wetland

The wetland name consists of the name of the sub-basin in which it is located followed by a one or two digit number. The wetland number is that which is shown on the wetland map pages of the Sensitive Areas Map Folio and is the link to all of the inventory data collected for the wetland.

Location

The location of the wetland is noted by Section-Township-Range coordinates. Depending on the size of the wetland, the location can be an area as small as the 1/4-1/4 Section or as large as a full Section. In many cases, the location is a combination of 1/4-1/4, 1/4, 1/2 or full Sections. This location system was designed to be compatible with King County's Land Development Information System (LDIS), a computerized record of development activity throughout the County.

Inventory Date

The date on which the wetland was visited during the summer of 1981 or the summer of 1990 is noted.

Acreage

This is the area of the wetland within the approximate edge shown on the photograph. It was calculated with the use of a planimeter.

Community Plan Area

This is one of the twelve King County Community Planning Areas in which the wetland is located.

Basin or Drainage

This is one of the five major river basins or drainages in King County in which the wetland is located. These are the Snoqualmie River, the Cedar River, the Green River, the White River, and the Puget Sound drainages. This inventory does not include any wetlands in the Skykomish River drainage.

Folio Map Number

This is the map page number the wetland is shown in the 1990 Sensitive Areas Map Folio.

Classification

Wetlands were classified using a system developed by the U.S. Fish and Wildlife Service. The system, commonly referred to as the "Cowardin system" after its main author is hierarchic and is based on ecological, biological, hydrological and substrata characteristics. At the top of the hierarchy are five systems: Marine, Estuarine, Riverine, Lacustrine and Palustrine system. The majority of the wetlands inventoried in King County fall in the
Palustrine system. The hierarchy then proceeds through subsystem, class and subclass. The classification for each wetland is displayed by a series of alternating letters and numbers, with the first letter representing the system and subsequent letters or numbers representing, in order, each succeeding level through subclass (Note: there is no subsystem in the Palustrine system, so three letters will appear together).

To aid in interpreting the letter-number code, a written description appears to the right. Some wetlands include more than one system and many include more than one class or subclass. For each system, class, or subclass observed, a separate notation beginning at the system level is made. A more detailed description can be found in Classification of Wetlands and Deepwater Habitats of the United States published by the U.S. Fish and Wildlife Service (Cowardin et al. 1979). A summary outline of the "Cowardin System" is provided in Appendix 3A and Appendix 3B.

Although the Fish and Wildlife Service's classification system is biologically precise, its notation can be confusing. For this reason, each classification is accompanied by a "common name" equivalent such as shallow marsh, deep marsh, open water, meadow, scrub/shrub, forested, bog, or estuary.

**Observed Species**

At the top of the second page is a list of species which were actually sighted or for which evidence was found during the field visit to the wetland. Species are listed in the categories of trees, herbs, shrubs, sedges/rushes/grasses/ferns, birds, mammals, fish and other. The category "other" includes estuary species and a small number of insects, reptiles or amphibians. The notation of each species is made with a two-letter code. The two-letter codes correspond to the species names which are listed by categories in Appendix 1.

**Significant Habitat Features**

Significant habitat features include snags or other types of perches, rock outcroppings, logs, nests or lodges for beavers and muskrats, as well as information for Rare, Endangered, or Threatened Species. These species, officially recognized as endangered, threatened or sensitive by the federal government or State of Washington, were observed or otherwise recorded from data during the wetland inventory. Appendix 2 contains an additional list of rare, endangered, threatened or sensitive species with a likelihood of being observed in association with wetland habitat in King County. It should be noted that the rating for any wetland may change if observed, recorded or potential habitat for these or any other species from published state or federal lists are identified.

**Hydrology**

Wetland hydrology observations are summarized in several categories: inlet, outlet, outflow, water movement, and any water quality observations noted.

The outlet is the point at which surface water leaves the wetland. The type of outlet includes "none", "overland defined" or "undefined", "open channel" and "pipe". "None" means that the wetland is closed, having no apparent outlet. "Overland" means that the
wetland has an outlet which is not contained within a defined channel. In the case of "defined", the overland outlet flows from a wetland which is semienclosed by topographic features; the outlet has obvious edges defined between two topographic points. In the case of "undefined", the wetland is not semienclosed by topographic features and the overland flow is not contained within any defined area. "Open channel" means that the wetland's outlet is contained within a defined stream course or engineered channel. "Pipe" means that the outlet is contained in an underground conduit such as a road or bridge culvert or storm drainage pipe.

The condition of the outlet can be "open", "partially blocked" or "totally blocked". "Open" means that water is flowing freely and unrestricted through the outlet. "Partially blocked" means that the flow of water through the outlet is partially obstructed by such things as debris, fallen logs or vegetation. "Totally blocked" means that the flow of water through the outlet has been halted by debris, fallen logs or vegetation.

If the wetland has an outlet, its outflow might enter any one of a number of different receiving bodies. These include a stream, river, lake, another wetland, Puget Sound or a pipe.

General Observations

This section contains notes made during the field inventory on conditions in or around the wetland which are not specifically noted elsewhere on the summary page. These may include problems such as discharges or dumping into the wetland, visual, air or noise factors, or physical alteration of the wetland or its surrounding. Notes might also focus on agricultural or extractive uses, proximity to schools or institutions, access or adjacent hydrologic features. Some platting information from BALD files has been included.

Wetland Rating

Each wetland was assigned one of three wetland ratings. The criteria used to assign the wetland ratings, as defined in the Sensitive Areas Ordinance, is as follows:

1. "Class 1 wetlands" are those assigned the Class 1 rating in the 1983 King County Wetlands Inventory; or those which meet any of the following four criteria:

   a. The presence of species listed by the federal government or the State of Washington as endangered or threatened, or the presence of critical or outstanding actual habitat for those species;

   b. Wetlands having 40 to 60 percent permanent open water in dispersed patches with two or more classes of vegetation;

   c. Wetlands equal to or greater than ten acres in size and having three or more wetland classes, one of which is open water; or

   d. The presence of plant associations of infrequent occurrence.

2 A number corresponding to the wetland rating appears at the bottom of page 2 of the summary sheet. When a wetland is assigned a rating of 1, one to four letters (a, b, c, or d) will appear in parenthesis to the right. Each letter corresponds to one of the four criteria for the Class 1 rating described above. This is intended to inform the user of the reasons for assigning the highest wetland rating.
A total of 884 inventoried wetlands in unincorporated King County are in the inventory as of December, 1990 which total approximately 17,038.80 acres. This is an increase of 17 wetlands from the 867 wetlands inventoried in 1983. Due to annexations and incorporations, a total of 92 wetlands were removed from the original inventory. An additional 117 were added to the inventory from field work conducted in the summer of 1990, bringing the total to 884. A total of 27 of the 1983 Inventory wetlands were reinventoried. Nine of the reinventoried wetland sites were found to be part of a larger wetland system of other previously inventoried wetlands and 18 wetlands were found to be larger than originally inventoried in 1983. It is expected that as part of the wetland inventories conducted by King County suburban cities pursuant to the Growth Management Act, the "annexed and incorporated" wetlands removed from this inventory will become part of the respective city inventory.

Wetland Acreage/Classification/Rating Summary

A total of 884 inventoried wetlands in unincorporated King County are in the inventory as of December, 1990 which total approximately 17,038.80 acres. This is an increase of 17 wetlands from the 867 wetlands inventoried in 1983. Due to annexations and incorporations, a total of 92 wetlands were removed from the original inventory. An additional 117 were added to the inventory from field work conducted in the summer of 1990, bringing the total to 884. A total of 27 of the 1983 Inventory wetlands were reinventoried. Nine of the reinventoried wetland sites were found to be part of a larger wetland system of other previously inventoried wetlands and 18 wetlands were found to be larger than originally inventoried in 1983. It is expected that as part of the wetland inventories conducted by King County suburban cities pursuant to the Growth Management Act, the "annexed and incorporated" wetlands removed from this inventory will become part of the respective city inventory.
The 884 wetlands can be broken down into the following categories:

<table>
<thead>
<tr>
<th>SYSTEM</th>
<th>COUNT</th>
<th>ACREAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palustrine</td>
<td>836</td>
<td>12555.7</td>
</tr>
<tr>
<td>Lacustrine</td>
<td>18</td>
<td>956.1</td>
</tr>
<tr>
<td>Palustrine &amp; Lacustrine</td>
<td>17</td>
<td>1078.1</td>
</tr>
<tr>
<td>Estuarine</td>
<td>13</td>
<td>2448.9</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>884</td>
<td><strong>17,038.8</strong></td>
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<table>
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<tr>
<th>RATING</th>
<th>COUNT</th>
<th>ACREAGE</th>
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<tr>
<td>Class 1</td>
<td>188</td>
<td>8335.1</td>
</tr>
<tr>
<td>Class 2</td>
<td>591</td>
<td>8632.0</td>
</tr>
<tr>
<td>Class 3</td>
<td>105</td>
<td>71.70</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>884</td>
<td><strong>17,038.8</strong></td>
</tr>
</tbody>
</table>

**Update Process**

Appendix 4 contains an update sheet. Users of the inventory are encouraged to submit update sheets with additional information or corrections for inventoried wetlands or information on new wetlands.
References


King County Code Chapter 21.54. (Sensitive Areas Ordinance) King County, WA.

King County 1985 Comprehensive Plan. King County, WA.
APPENDIX 1

SPECIES LIST

KING COUNTY WETLANDS INVENTORY

Species found on this list were observed during wetland field visits. Their Latin and common names have been cross-referenced with Flora of the Pacific Northwest, Hitchcock and Cronquist, 1973, Natural Vegetation of Oregon and Washington, Franklin and Dyrness, 1973, Mammals of the Pacific States, Lloyd G. Ingles, 1973, and Grzimek's Animal Life Encyclopedia Series, Grzimek et al., 1984.

NOTE: Species observed are categorized into eight groups: Trees; Shrubs; Herbs; Sedges, Grasses, and Ferns; Birds; Mammals; Fish; and Other species. Each group of species has been alphabetized by their respective symbol. Some symbols are repeated between groups of species. Look to the group first, then the symbol. Although species names have been edited and updated, their symbols remain unchanged from the list in the 1983 Wetlands Inventory Notebooks.

TREES

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Common Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA</td>
<td>Abies amabilis (Pacific Silver Fir)</td>
</tr>
<tr>
<td>AM</td>
<td>Acer macrophyllum (Big Leaf Maple)</td>
</tr>
<tr>
<td>AR</td>
<td>Alnus rubra (Red Alder)</td>
</tr>
<tr>
<td>AT</td>
<td>Arbutus menziesii (Madrone)</td>
</tr>
<tr>
<td>BP</td>
<td>Betula papyrifera (Paper Birch)</td>
</tr>
<tr>
<td>BZ</td>
<td>Betula spp. (Birch)</td>
</tr>
<tr>
<td>FL</td>
<td>Fraxinus laevis (Oregon Ash)</td>
</tr>
<tr>
<td>PL</td>
<td>Pinus contorta (Lodgepole Pine)</td>
</tr>
<tr>
<td>PM</td>
<td>Pseudotsuga menziesii (Douglas Fir)</td>
</tr>
<tr>
<td>PS</td>
<td>Picea sitchensis (Sitka Spruce)</td>
</tr>
<tr>
<td>PT</td>
<td>Populus tremuloides (Quaking Aspen)</td>
</tr>
<tr>
<td>PQ</td>
<td>Populus trichocarpa (Black Cottonwood)</td>
</tr>
<tr>
<td>PR</td>
<td>Prunus spp. (Cherry)</td>
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<tr>
<td>PY</td>
<td>Pinus contorta (Lodgepole Pine)</td>
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<tr>
<td>RP</td>
<td>Robinia pseudo-acacia (Black Locust)</td>
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<tr>
<td>SO</td>
<td>Sorbus spp. (Mountain Ash)</td>
</tr>
<tr>
<td>SX</td>
<td>Salix spp. (Willow)</td>
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<tr>
<td>TP</td>
<td>Thuja plicata (Western Red Cedar)</td>
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<td>TS</td>
<td>Tsuga heterophylla (Western Hemlock)</td>
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SHRUBS

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<td>AM</td>
<td>Amelanchier alnifolia (Serviceberry)</td>
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<td>BG</td>
<td>Betula glandulosa (Bog Birch)</td>
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<tr>
<td>BN</td>
<td>Berberis nervosa (Oregon Grape)</td>
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<tr>
<td>CC</td>
<td>Corylus cornuta (Hazelnut)</td>
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<tr>
<td>CR</td>
<td>Crataegus spp. (Hawthorn)</td>
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<td>CS</td>
<td>Cornus stolonifera (Red-osier Dogwood)</td>
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<tr>
<td>CY</td>
<td>Cyttis scoparius (Scot's Broom)</td>
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<tr>
<td>GS</td>
<td>Gaultheria shallon (Salal)</td>
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<tr>
<td>HD</td>
<td>Holodiscus discolor (Oceanspray)</td>
</tr>
<tr>
<td>IS</td>
<td>Ilex spp. (Holly)</td>
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<tr>
<td>KO</td>
<td>Kalina occidentalis (Bog Laurel)</td>
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<tr>
<td>LC</td>
<td>Ledum columbianum (Trapper's Tea)</td>
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<tr>
<td>LI</td>
<td>Lonicera involucrata (Twinberry)</td>
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<td>LL</td>
<td>Ledum groenlandicum (Labrador Tea)</td>
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SHRUBS (Continued)

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<td>Menziesia ferruginea (False Azaleas)</td>
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<td>Prunus spp. (Cherry)</td>
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<td>Rubus discolor (Himalayan Blackberry)</td>
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<td>Rubus parviflorus (Thimbleberry)</td>
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<td>RU</td>
<td>Rubus ursinus (Trailing Blackberry)</td>
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<td>Rosa spp. (Rose)</td>
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<td>Symphoricarpos albus (Snowberry)</td>
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<td>Salix spp. (Willow)</td>
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<td>Taraxacum officinale (Dandelion)</td>
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<td>VO</td>
<td>Vaccinium oxyccocces (Cranberry)</td>
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<td>Vaccinium parvifolium (Red Huckleberry)</td>
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<td>Vaccinium uliginosum (Bog Blueberry)</td>
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<tr>
<td>VX</td>
<td>Vaccinium spp. (Billberry/Blueberry/Huckleberry/Cranberry)</td>
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1 This species is also assigned to the Sedges/Rushes/Grasses/Ferns category. This error was brought to our attention after the 1990 Wetlands Inventory data sheets were printed.
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<th>Code</th>
<th>Herb Name</th>
<th>Synonym</th>
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<td>Anaphalis margaritacea (Pearly Everlasting)</td>
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<td>AM</td>
<td>Achillea millefolium (Western Yarrow)²</td>
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<td>Alisma plantago-aquatica (Water Plantain)</td>
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<td>Brassenia schroederi (Water Shield)</td>
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<td>Parentucella viscosa (Yellow Scrophularia)</td>
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<td>Zostera marina (Fool Grass)</td>
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<td>ZP</td>
<td>Zannichellia palustris (Horned Pondweed)</td>
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² The symbol AM was inadvertently assigned to two separate herb species. This error was brought to our attention after the 1990 Wetlands Inventory data sheets were printed.
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<th>SEDGES/RUSHES/GRASSES/FERNS</th>
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<td><strong>AD</strong> Adiantum pedatum (Western Maidenhair Fern)</td>
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<tr>
<td><strong>AF</strong> Athyrium filix-femina (Lady Fern)</td>
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<tr>
<td><strong>AG</strong> Agrostis spp. (Bent Grass)</td>
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<tr>
<td><strong>AX</strong> Alopecurus geniculatus (Marsh Foxtail)</td>
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<tr>
<td><strong>AZ</strong> Azolla spp. (Water fern/Mosquito Fern)</td>
</tr>
<tr>
<td><strong>BD</strong> Blechnum spicant (Deer Fern)</td>
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<tr>
<td><strong>BX</strong> Pteridium aquilinum (Bracken Fern)</td>
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<tr>
<td><strong>CA</strong> Carex aquatilis (Water Sedge)</td>
</tr>
<tr>
<td><strong>CC</strong> Carex comosa (Bristly Sedge)</td>
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<tr>
<td><strong>CO</strong> Carex obnupta (Slough Sedge)</td>
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<tr>
<td><strong>CP</strong> Carex palustri (Fever-flowered Sedge)</td>
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<tr>
<td><strong>CR</strong> Carex arcta (Spike)</td>
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<td><strong>CT</strong> Carex rostrata (Beaked Sedge)</td>
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<tr>
<td><strong>CX</strong> Carex spp. (Sedge)</td>
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<td><strong>DA</strong> Dulichium arundinaceum (Dulichium)</td>
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<td><strong>DR</strong> Dryopteris austriaca (Mountain Woodfern)</td>
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<td><strong>DG</strong> Dactylis glomerata (Orchard Grass)</td>
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<tr>
<td><strong>EA</strong> Equisetum arvense (Common Horsetail)</td>
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<td><strong>EC</strong> Eriophorum chamissonis (Cottongrass)</td>
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<td><strong>EL</strong> Elusurus spp. (Wildrye)</td>
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<td><strong>EX</strong> Eleocharis spp. (Spike Sedge)</td>
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<td><strong>FA</strong> Festuca arundinacea (Alta Fescue)</td>
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<td><strong>FX</strong> Ficus distichus (Rockweed)</td>
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<td><strong>GX</strong> Glyceria spp. (Mannagrass)</td>
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<td><strong>GZ</strong> Gramineae spp. (Grass)</td>
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<td><strong>HX</strong> Holcus lanatus (Velvet Grass)</td>
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<td><strong>JA</strong> Juncus acuminatus (Rush)</td>
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<td><strong>JB</strong> Juncus bufonius (Toad Rush)</td>
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<tr>
<td><strong>JE</strong> Juncus effusus (Common Rush)</td>
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<tr>
<td><strong>JP</strong> Juncus ensifolius (Dagger-leaved Rush)</td>
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<tr>
<td><strong>JO</strong> Juncus oxytnemus (Pointed Rush)</td>
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<tr>
<td><strong>JS</strong> Juncus supiniformis (Spreading Rush)</td>
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<tr>
<td><strong>JT</strong> Juncus teneris (Slender Rush)</td>
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<tr>
<td><strong>JX</strong> Juncus spp. (Rush)</td>
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</tbody>
</table>

| **LM** Lemna minor (Duckweed) |
| **LP** Luzula parviflora (Small-flowered Wood Rush) |
| **LX** Luzula spp. (Wood Rush) |
| **LY** Lycopodium inundatum (Clubmoss) |
| **ML** Marchantia spp. (Liverwort) |
| **MU** Muscari spp. (Saxifrage) |
| **PA** Phalaris arundinae (Reed Canary Grass) |
| **PL** Phleum pratense (Common Timothy) |
| **PO** Poa spp. (Blue Grass) |
| **PP** Phleum pratense (Common Timothy) |
| **PS** Polytrichum militium (Sword Fern) |
| **PT** Pteridium aquilinum (Bracken Fern) |
| **PU** Puccinellia palustris (Alkal Grass) |
| **FX** Sphagnum spp. (Peat Moss) |
| **QP** Isoetes spp. (Quillwort) |
| **RN** Ricciocarpus natans (Aquatic Liverwort) |
| **SA** Symphoricarpus albus (Common Snowberry) |
| **SB** Scirpus spp. (Bulrush) |
| **SE** Sparganium emersum (Simplestem bur-reed) |
| **SF** Scirpus fluviatilis (River Bulrush) |
| **SG** Sparganium eurycarpum (Broad-fruited Bur-reed) |
| **SI** Sparganium minimum (Submersed Bur-reed) |
| **SJ** Scirpus maritimus (Seafood Bulrush) |
| **SM** Scirpus microcarpus (Small-fruited Bulrush) |
| **SP** Sparganium spp. (Bur-reed) |
| **SV** Scirpus validus (American great Bulrush) |
| **SX** Scirpus spp. (Bulrush) |
| **SY** Scirpus cypertus (Woolgrass Bulrush) |
| **UV** Ulva spp. (Sea Lettuce) |

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<td><strong>CH</strong> Accipiter cooperi (Cooper's Hawk)</td>
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<td><strong>CM</strong> Mergus merganser (Common Merganser)</td>
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<td><strong>CO</strong> Fulica americana (Common Coot)</td>
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<td><strong>CS</strong> Parus spp. (Chickadee)</td>
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<td><strong>CV</strong> Corvus brachyrhynchos (Common Crow)</td>
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<td><strong>CW</strong> Bombycilla cedrorum (Cedar Waxwing)</td>
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<td><strong>CQ</strong> Lophortyx californicus (California Quail)</td>
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<td><strong>DD</strong> Dabbling Ducks (Mallard, Pintail, Woodpecker, Shoveler, Blue and Green-winged and Cinnamon teal, Wood Duck, Gadwall)</td>
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<td><strong>DP</strong> Cinclus mexicanus (Dipper)</td>
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<td><strong>DW</strong> Picoidea pubescens (Downey Woodpecker)</td>
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<td><strong>FK</strong> Colaptes spp. (Flicker)</td>
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<td><strong>GB</strong> Ardea herodias (Great Blue Heron)</td>
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<td><strong>GC</strong> Zonotrichia atricapilla (Golden-crowned Sparrow)</td>
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*Page 13*
**Birds (Continued)**

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<tr>
<th>Code</th>
<th>Name</th>
<th>Common Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>GF</td>
<td>Carduelis tristis</td>
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</tr>
<tr>
<td>GH</td>
<td>Butorides strigata</td>
<td>(Green-backed Heron)</td>
</tr>
<tr>
<td>GK</td>
<td>Regulus apica</td>
<td>(Golden-crowned Oriole)</td>
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<tr>
<td>GO</td>
<td>Bubo virginianus</td>
<td>(Great-horned Owl)</td>
</tr>
<tr>
<td>GR</td>
<td>Podiceps grisegena</td>
<td>(Red-necked Grebe)</td>
</tr>
<tr>
<td>GS</td>
<td>Athisia marilis</td>
<td>(Greater Scap)</td>
</tr>
<tr>
<td>HG</td>
<td>Podiceps auritus</td>
<td>(Horned Grebe)</td>
</tr>
<tr>
<td>HM</td>
<td>Lophotryx eulalius</td>
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<tr>
<td>HS</td>
<td>Passer domesticus</td>
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</tr>
<tr>
<td>HR</td>
<td>Selaphorus spp.</td>
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<tr>
<td>KB</td>
<td>Megaceryle alcyon</td>
<td>(Belted Kingfish)</td>
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<td>KD</td>
<td>Cheraudius vociferus</td>
<td>(Killdeer)</td>
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<td>KE</td>
<td>Regulinae spp.</td>
<td>(Kinglet)</td>
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<tr>
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<td>Aythia affinis</td>
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<tr>
<td>LY</td>
<td>Tringa flaviipes</td>
<td>(Lesser Yellowlegs)</td>
</tr>
<tr>
<td>MA</td>
<td>Anas platyrhynchos</td>
<td>(Mallard)</td>
</tr>
<tr>
<td>MH</td>
<td>Circus cyaneus</td>
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</tr>
<tr>
<td>MW</td>
<td>Cistothorus paludus</td>
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<tr>
<td>NH</td>
<td>Nycticorax Niocicorax</td>
<td>(Black-crowned Night Heron)</td>
</tr>
<tr>
<td>OS</td>
<td>Pandion haliaetus</td>
<td>(Ostrey)</td>
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<td>OW</td>
<td>Vermivora cбраtas</td>
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<td>PF</td>
<td>Falco peregrinus</td>
<td>(Peregrine Falcon)</td>
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<tr>
<td>PG</td>
<td>Podicipitans podicipes</td>
<td>(Pied-billed Grebe)</td>
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<tr>
<td>PH</td>
<td>Phalacrocoral psilopinstrictus</td>
<td>(Brandt's Cormorant)</td>
</tr>
<tr>
<td>PR</td>
<td>Carpodacus purpuratus</td>
<td>(Purple Finch)</td>
</tr>
<tr>
<td>PS</td>
<td>Carduelis pinus</td>
<td>(Pine Siskin)</td>
</tr>
<tr>
<td>PW</td>
<td>Dryocopus pileatus</td>
<td>(Pileated Woodpecker)</td>
</tr>
<tr>
<td>RB</td>
<td>Agelaius phoeniceus</td>
<td>(Red-winged Blackbird)</td>
</tr>
<tr>
<td>RD</td>
<td>Oxyura jamaicensis</td>
<td>(Ruddy Duck)</td>
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<tr>
<td>RG</td>
<td>Bonasa umbellus</td>
<td>(Ruffed Grouse)</td>
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<tr>
<td>RH</td>
<td>Buteo jamaicensis</td>
<td>(Red-tailed Hawk)</td>
</tr>
<tr>
<td>RN</td>
<td>Sitta canadensis</td>
<td>(Red-breasted Nuthatch)</td>
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<td>RS</td>
<td>Pipilo erythrophthalmus</td>
<td>(Rufous-sided Towhee)</td>
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<td>RU</td>
<td>Salas phoeniculus</td>
<td>(Rufus Hummingbird)</td>
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<tr>
<td>SH</td>
<td>Accipiter striatus</td>
<td>(Sharp-shined Hawk)</td>
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<td>SJ</td>
<td>Caucausia stelleri</td>
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<td>SN</td>
<td>Capella gallinago</td>
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<td>SO</td>
<td>Asio flammeus</td>
<td>(Short-eared Owl)</td>
</tr>
<tr>
<td>SP</td>
<td>Actitis macularia</td>
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<tr>
<td>SR</td>
<td>Porzana carolina</td>
<td>(Sora)</td>
</tr>
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<td>SS</td>
<td>Melospiza melodia</td>
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<td>ST</td>
<td>Catharina sueciates</td>
<td>(Swainson’s Thrush)</td>
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<td>TS</td>
<td>Iridoprocne bicolor</td>
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<td>VR</td>
<td>Rallus limicola</td>
<td>(Virginia Rail)</td>
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<td>VS</td>
<td>Tachybaptus thalassina</td>
<td>(Violet-green Swallow)</td>
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<td>VT</td>
<td>Ixorus naevius</td>
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<tr>
<td>WB</td>
<td>Dendroica spp.</td>
<td>(Warbler)</td>
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<tr>
<td>WC</td>
<td>Zonotrichia leucophrys</td>
<td>(White-crowned Sparrow)</td>
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<tr>
<td>WD</td>
<td>Aix sponsa</td>
<td>(Wood Duck)</td>
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<tr>
<td>WG</td>
<td>Aemophila occidentalis</td>
<td>(Western Grebe)</td>
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<td>WT</td>
<td>Troglytes troglodytes</td>
<td>(Winter Wren)</td>
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<tr>
<td>WS</td>
<td>Picinae spp.</td>
<td>(Woodpecker)</td>
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<tr>
<td>WW</td>
<td>Wilsonia pastila</td>
<td>(Wilson's Warbler)</td>
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<tr>
<td>YT</td>
<td>Geothlypis richas</td>
<td>(Yellow Throat)</td>
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<tr>
<td>YW</td>
<td>Dendroica petechia</td>
<td>(Yellow Warbler)</td>
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**Mammals**

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<td>Aplodonia rufa</td>
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<tr>
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<td>Ursus americanus</td>
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<td>Castor canadenia</td>
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<tr>
<td>BF</td>
<td>Bipes giganticus</td>
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<tr>
<td>BO</td>
<td>Lynx rufus</td>
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<tr>
<td>CT</td>
<td>Sylvilagus spp.</td>
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<tr>
<td>CY</td>
<td>Canis latrans</td>
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<tr>
<td>DE</td>
<td>Odocoileus hemionus columbianus</td>
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<td>Tamiasciurus douglasi</td>
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<td>EL</td>
<td>Cervus elaphus</td>
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<td>FI</td>
<td>Marsus pennatus</td>
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<td>IM</td>
<td>Zapus princeps</td>
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<td>Mustela vison</td>
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<td>Felis concolor</td>
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<td>Sorex bendivii</td>
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<td>Ondatra zibethica</td>
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<td>Enhydra lutris</td>
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<td>RA</td>
<td>Procyon lotor</td>
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<td>RF</td>
<td>Vulpes fulva</td>
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<tr>
<td>RO</td>
<td>Lutra canadensis</td>
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<tr>
<td>SM</td>
<td>Neurotrichus gibbsi</td>
</tr>
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<td>SO</td>
<td>Enhydra lutris</td>
</tr>
<tr>
<td>SS</td>
<td>Spilogale putorius</td>
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<tr>
<td>SW</td>
<td>Mustela erminus</td>
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<tr>
<td>TM</td>
<td>Scapanus townsendii</td>
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**Fish**

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<td>Oncorhynchus clarkii</td>
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<tr>
<td>B</td>
<td>Oncorhynchus mykiss</td>
</tr>
<tr>
<td>G</td>
<td>Phoxinus phoxinus</td>
</tr>
<tr>
<td>H</td>
<td>Oncorhynchus nerka</td>
</tr>
<tr>
<td>L</td>
<td>Penias nigerlatus</td>
</tr>
<tr>
<td>M</td>
<td>Perca flavescens</td>
</tr>
<tr>
<td>N</td>
<td>Micropterus salmoides or dolominei</td>
</tr>
<tr>
<td>O</td>
<td>Lepomis macrochirinus or cyaneus</td>
</tr>
<tr>
<td>P</td>
<td>Ictiurus nebulosus</td>
</tr>
<tr>
<td>Q</td>
<td>Gasterosteus aculeatus</td>
</tr>
<tr>
<td>R</td>
<td>Prospetum williamsoni</td>
</tr>
<tr>
<td>S</td>
<td>Salvelinus malma</td>
</tr>
<tr>
<td>T</td>
<td>Salvelinus fontinalis</td>
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<tr>
<td>U</td>
<td>Oncorhynchus kisutch</td>
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<tr>
<td>V</td>
<td>Oncorhynchus keta</td>
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<tr>
<td>W</td>
<td>Oncorhynchus gorbuscha</td>
</tr>
<tr>
<td>X</td>
<td>Oncorhynchus charruscha</td>
</tr>
<tr>
<td>Y</td>
<td>Oncorhynchus nerka</td>
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<tr>
<td>Z</td>
<td>Richardsonius balteus</td>
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</tbody>
</table>
OTHER SPECIES

A  Anthopleura spp. (Sea Anemone)
B  Clinocardium nutallii (Heart Cockle)
C  Venerupis japonica (Japanese Littleneck Clam)
D  Saxidomus fienteus (Butter Clam)
E  Arenicola marina (Lugworm)
F  Pennatulacea (Sea Pen)
G  Protothaca staminea (Steamer Clam)
H  Dendraster excentricus (Sand Dollar)
I  Hemigrapsus nudus (Small Crab)
J  Mytilus edulis (Edible Mussel)
K  Collisella spp. (Limpets)
L  Balanus glandula (Barnacle)
M  Assiminea californica (Small Land Snail)
N  Tresus capax (Horse Clam)
AB  Agonum belleri (Beller's Ground Beetle)
BF  Rana catesbiana (Bullfrogs/Treefrogs/Tadpole)
CA  Caretta caretta (Loggerhead Sea Turtle)
CF  Rana cascadae (Cascade Frog)
CH  Chelonia mydas (Green Sea Turtle)
DF  Aeschna spp. (Dragonflies)
GF  Rana clamitans laurel (Green Frog)
GS  Thamnophis sirtalis (Garter Snake)
NS  Ambystoma gracile (Northwestern Salamander)
PF  Hyla regilla (Pacific Treefrog)
PT  Clemmys marmorata (Western Pond Turtle)
TS  Ascaphus uei (Tailed Frog)
SF  Rana pretiosa (Spotted Frog)
DEFINITIONS:

Priority species are those species that are of concern due to their population status and their sensitivity to habitat manipulation. Priority species include those which are state-listed as endangered, threatened, or sensitive, as well as other species of concern and game species.

Priority habitats are a seasonal range or habitat element with which a given species has a primary association, and which, if altered, may reduce the likelihood that the species will maintain and reproduce over the long-term. These might include areas of high relative density or species richness, breeding habitat, winter range, and movement corridors. These might also include habitats that are of limited availability or high vulnerability to alteration.

Endangered species are any wildlife species native to the state of Washington that are seriously threatened with extinction throughout all or significant portion of its range within the state. Endangered species are legally designated in WAC 232-12-014.

Threatened species are any wildlife species native to the state of Washington that are likely to become endangered within the foreseeable future throughout a significant portion of their range within the state without cooperative management or removal of threats. Threatened species are legally designated in WAC 232-12-011.

Sensitive species are any wildlife species native to the state of Washington that are vulnerable or declining and are likely to become endangered or threatened in a significant portion of their range within the state without cooperative management or removal of threats. Sensitive species are legally designated in WAC 232-12-011.

State Monitor species are any wildlife species native to the state of Washington that are of special interest because of one of the following:

a. They have significant popular appeal;

b. They require limited habitat during some portion of their life cycle;

c. They are indicators of environmental quality;

d. They require further field investigations to determine population status;

e. They have unresolved taxonomic problems which bear upon status classification; or

f. They were justifiably removed from endangered, threatened, or sensitive classification.

Species of Special Concern - An all-encompassing term that includes all of the above classifications. It also describes species that may belong to one of the above categories, but have not yet been classified.

Over half of the fish and wildlife species in Washington State have critical life needs that depend on wetlands or their buffers at some point during their life cycle. Some of these species suffer severely depressed populations as a result of habitat manipulations. Many of these species are reaching local and statewide extirpation. Some are actually classified on a statewide or national basis as threatened or endangered. The Department of Wildlife has defined these species and some of the declining game species as priority species. In 1990, the Department of Wildlife began mapping and gathering data on priority habitats and species locations. Thus far, the areas mapped are small; however, a data base containing information on these sensitive species is available to assist in land management decisions. Priority habitats and species have been incorporated into Growth Management rules written by the Washington State Department of Community Development.

The plant and animal species listed herein are recognized as priority species and may be found in King County wetland areas. The list includes species which may be state and/or federally listed as Endangered or Threatened as well as species which are candidates of these lists and some additional game species. Some of the species have been observed or have been otherwise recorded from data gathered by the Washington State Department of Natural Resources Natural Heritage Information System and the Washington Department of Wildlife’s Nongame Program.
The list of priority habitats found within or associated with wetlands in King County contain areas of high relative density or species richness. Wetlands themselves constitute priority habitats in many cases because so many species depend upon them for some critical element in their life cycle.

The Natural Heritage Information System is a cooperative effort between the Department of Natural Resources' Washington Natural Heritage Program and the Department of Wildlife's Nongame Program. The Washington Natural Heritage Program is responsible for information on the state's endangered, threatened, and sensitive plants as well as high quality native plant communities and high quality native wetlands. The Natural Heritage Information System is not a complete inventory of Washington's natural features, many areas of the state have never been thoroughly surveyed. There may be significant natural features in study areas that are not yet known. The plants listed should not be regarded as a final statement on the natural vegetative features of the areas being considered and does not eliminate the need or responsibility for detailed on-site surveys. The Washington Department of Wildlife's Nongame Program was established to manage the state's nongame wildlife species, and to work to preserve them for present and future generations. The department is responsible for reviewing species for endangered or threatened status in Washington, monitoring their status, and recovering their populations to safe levels. These activities are mostly funded through the sale of personalized license plates.

At present, there are no State laws protecting state listed plant species; however, the Federal Endangered Species Act protects federally listed species. Currently, there are no plants federally listed in Washington. There are a total of 22 fauna species classified as endangered and seven listed as threatened in Washington. Of these, six are wetland associated species. Species Federally classified as threatened or endangered are included in the State's list and are protected by Washington law (WAC 232-12-011).

The rating for any wetland may change if the presence of species listed by the federal government or state of Washington as endangered, or threatened, or the presence of critical or outstanding actual habitat for those species is observed, recorded, or otherwise identified during a site study. The priority species and habitats list is not stagnant and therefore the following list should not be considered definitive. Current published lists of species and habitats should be consulted during a special study or other review conducted under the Sensitive Areas review process.

For additional information on plants, contact the Washington State Department of Natural Resources at (206) 753-2449. Current lists are available for public review which contain species and habitats of concern, species which are proposed for threatened status, federally listed as endangered or threatened, species considered vulnerable to certain types of impacts, and species considered rare, unique, or of high scientific value.

For more information on fauna species, contact the Washington Department of Wildlife Nongame Program at (206) 753-5728. The department has published a more detailed booklet entitled "Threatened and Endangered Wildlife in Washington," which is available upon request.
## Priority Species and Habitats for King County Wetlands

### Priority Species

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<tr>
<th>Symbol</th>
<th>Scientific and Common Name</th>
<th>State Status</th>
<th>Federal Status</th>
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<tbody>
<tr>
<td>PF</td>
<td><em>Falco peregrinus</em> (Peregrine Falcon)</td>
<td>E</td>
<td>E</td>
</tr>
<tr>
<td>BE</td>
<td><em>Haliaeetus leucocephalus</em> (Bald Eagle)</td>
<td>T</td>
<td>T</td>
</tr>
<tr>
<td>CM</td>
<td><em>Clemmys marmorata</em> (Western Pond Turtle)</td>
<td>T</td>
<td>PT</td>
</tr>
<tr>
<td>CC</td>
<td><em>Carex comosa</em> (Bristly Sedge)</td>
<td>S</td>
<td></td>
</tr>
<tr>
<td>CP</td>
<td><em>Carex pauciflora</em> (Few-flowered Sedge)</td>
<td>S</td>
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<tr>
<td>GD</td>
<td><em>Geniana douglasiana</em> (Swamp Gentian)</td>
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<tr>
<td>LD</td>
<td><em>Lobelia dormanna</em> (Water Lobelia)</td>
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<td></td>
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<tr>
<td>LY</td>
<td><em>Lycopodium immdalUm</em> (Bog Oubmoss)</td>
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<tr>
<td>BI</td>
<td><em>Ardea herodias</em> (Great Blue Heron)</td>
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<td>CP</td>
<td><em>Cotus perplexus</em> (Reticulate Sculpin)</td>
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<td>PV</td>
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<td>A</td>
<td><em>Onchorhynchus clarki</em> (Sea-run and Coastal Cutthroat Trout)</td>
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<tr>
<td>AB</td>
<td><em>Agonum belleri</em> (Beller's Ground Beetle)</td>
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<td>AT</td>
<td><em>Sterna paradisaea</em> (Arctic Tern)</td>
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<td><em>Onchorhynchus mykiss</em> (Rainbow and Steelhead Trout)</td>
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<td>BP</td>
<td><em>Columba fasciata</em> (Band-tailed Pigeon)</td>
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<td>CG</td>
<td><em>Branta canadensis minima</em> (Cackling Canada Goose)</td>
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<td>CL</td>
<td><em>Gavia immer</em> (Common Loon)</td>
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<td>CT</td>
<td><em>Sterna Caspia</em> (Caspian Tern)</td>
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<td>DG</td>
<td><em>Branta canadensis occidentalis</em> (Dusky Canada Goose)</td>
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<td><em>Doradus idola</em> (Long-horned Leaf Beetle)</td>
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<tr>
<td>DK</td>
<td>Cavity-nesting ducks (including Wood Duck, Bufflehead, Common and</td>
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<td><em>Eunus hutchii</em> (Hatch's Click Beetle)</td>
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<td><em>Oncorhynchus nerwa</em> (Kokane Salmon)</td>
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<td><em>Podiceps auritus</em> (Horned Grebe)</td>
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<td><em>Nycticorax nicticorax</em> (Black-crowned Night Heron)</td>
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<tr>
<td>OS</td>
<td><em>Pandion haliaetus</em> (Osprey)</td>
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<tr>
<td>PM</td>
<td><em>Progne subis</em> (Purple Martin)</td>
<td>SC</td>
<td></td>
</tr>
<tr>
<td>PP</td>
<td><em>Phalacrocorax penicillatus</em> (Brant's Cormorant)</td>
<td>SC</td>
<td></td>
</tr>
<tr>
<td>PV</td>
<td><em>Plethodon vandykei</em> (Van Dyke's Salamander)</td>
<td>SC</td>
<td></td>
</tr>
<tr>
<td>PW</td>
<td><em>Dryocopus pileatus</em> (Pileated Woodpecker)</td>
<td>SC</td>
<td></td>
</tr>
<tr>
<td>PW</td>
<td><em>Dryocopus pileatus</em> (Pileated Woodpecker)</td>
<td>SC</td>
<td></td>
</tr>
<tr>
<td>RP</td>
<td><em>Rana pretiosa</em> (Spotted Frog)</td>
<td>SC</td>
<td></td>
</tr>
<tr>
<td>S</td>
<td><em>Salvelinus malma</em> (Dolly Varden)</td>
<td>SC</td>
<td></td>
</tr>
<tr>
<td>TS</td>
<td><em>Cygnus buccinator</em> (Trumpeter Swan)</td>
<td>SC</td>
<td></td>
</tr>
<tr>
<td>WG</td>
<td><em>Aechmophorus occidentalis</em> (Western Grebe)</td>
<td>SC</td>
<td></td>
</tr>
<tr>
<td>YC</td>
<td><em>Coccyzus americanus</em> (Yellow-billed Cuckoo)</td>
<td>SC</td>
<td></td>
</tr>
</tbody>
</table>

**Priority Habitats**

Seabird concentration areas
Shorebird concentration areas
Waterfowl concentration areas
Riparian areas
Snag-Rich areas

<table>
<thead>
<tr>
<th>E</th>
<th>= Endangered Species</th>
<th>PE = Proposed Endangered</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td>= Threatened Species</td>
<td>PT = Proposed Threatened</td>
</tr>
<tr>
<td>S</td>
<td>= Sensitive Species</td>
<td>SC = Species of Concern</td>
</tr>
</tbody>
</table>
## APPENDIX 3A

**CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE U.S. (SYSTEM-SUBSYSTEM-CLASS)**

*(Cowardin et al., 1979)*

<table>
<thead>
<tr>
<th>SYSTEM</th>
<th>Subsystem</th>
<th>Class¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>(P)alustrine - None</td>
<td>(RB) Rock Bottom (UB) Unconsolidated Bottom (AB) Aquatic Bed (US) Unconsolidated Shore (ML) Moss-Lichen Wetland (EM) Emergent Wetland (SS) Scrub/Shrub (FO) Forested Wetland (OW) Open Water</td>
<td></td>
</tr>
<tr>
<td>(L)acustrine (1) Limnetic</td>
<td>(RB) Rock Bottom (UB) Unconsolidated Bottom (AB) Aquatic Bed</td>
<td></td>
</tr>
<tr>
<td>(2) Littoral</td>
<td>(RB) Rock Bottom (UB) Unconsolidated Bottom (AB) Aquatic Bed (RS) Rocky Shore (US) Unconsolidated Shore (EM) Emergent Wetland</td>
<td></td>
</tr>
<tr>
<td>(R)iverine (1) Tidal</td>
<td>(RB) Rock Bottom (UB) Unconsolidated Bottom (AB) Aquatic Bed (SB) Streambed (RS) Rocky Shore (US) Unconsolidated Shore (EM) Emergent Wetland</td>
<td></td>
</tr>
<tr>
<td>(2) Lower Perennial</td>
<td>(RB) Rock Bottom (UB) Unconsolidated Bottom (AB) Aquatic Bed (RS) Rocky Shore (US) Unconsolidated Shore (EM) Emergent Wetland</td>
<td></td>
</tr>
<tr>
<td>(3) Upper Perennial</td>
<td>(RB) Rock Bottom (UB) Unconsolidated Bottom (AB) Aquatic Bed (RS) Rocky Shore (US) Unconsolidated Shore</td>
<td></td>
</tr>
<tr>
<td>(4) Intermittent</td>
<td>(SB) Streambed</td>
<td></td>
</tr>
<tr>
<td>(5) Unknown Perennial</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

¹ Refer to Appendix 3B for the breakdown of wetland classes into subclasses.
<table>
<thead>
<tr>
<th>SYSTEM</th>
<th>Subsystem</th>
<th>Class¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>(E)stuarine</td>
<td>(1)Subtidal</td>
<td>(RB)Rock Bottom (UB)Unconsolidated Bottom (AB)Aquatic Bed (RF)Reef</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(2)Intertidal</td>
</tr>
<tr>
<td>(M)arine</td>
<td>(1)Subtidal</td>
<td>(RB)Rock Bottom (UB)Unconsolidated Bottom (AB)Aquatic Bed (RF)Reef</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(2)Intertidal</td>
</tr>
<tr>
<td>(U)pland</td>
<td>None</td>
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</table>

¹ Refer to Appendix 3B for the breakdown of wetland classes into subclasses.
APPENDIX 3B
CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE U.S. (CLASS-SUBCLASS)
(Cowardin et al., 1979)

<table>
<thead>
<tr>
<th>Class</th>
<th>Subclass</th>
<th>Class</th>
<th>Subclass</th>
</tr>
</thead>
<tbody>
<tr>
<td>(AB) Aquatic Bed</td>
<td>(1) Submergent Algal</td>
<td>(OW) Open Water/Unknown Bottom(^2)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(2) Submergent Vascular</td>
<td></td>
<td>(RB) Rock Bottom</td>
</tr>
<tr>
<td></td>
<td>(3) Submergent Moss</td>
<td></td>
<td>(1) Bedrock</td>
</tr>
<tr>
<td></td>
<td>(4) Floating-leaved</td>
<td></td>
<td>(2) Boulder</td>
</tr>
<tr>
<td></td>
<td>(5) Floating</td>
<td></td>
<td>(RF) Reef</td>
</tr>
<tr>
<td></td>
<td>(6) Unknown Submergent</td>
<td></td>
<td>(1) Coral</td>
</tr>
<tr>
<td></td>
<td>(7) Unknown Surface</td>
<td></td>
<td>(2) Mollusc</td>
</tr>
<tr>
<td>(BB) Beach/Bar</td>
<td>(1) Cobble/Gravel</td>
<td></td>
<td>(3) Worm</td>
</tr>
<tr>
<td></td>
<td>(2) Sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(EM) Emergent Wetland(^1)</td>
<td>(1) Persistent</td>
<td>(RS) Rocky Shore</td>
<td>(1) Bedrock</td>
</tr>
<tr>
<td></td>
<td>(2) Nonpersistent</td>
<td></td>
<td>(2) Boulder</td>
</tr>
<tr>
<td>(FL) Flat</td>
<td>(1) Cobble/Gravel</td>
<td></td>
<td>(3) Vegetated Nonpioneer</td>
</tr>
<tr>
<td></td>
<td>(2) Sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(3) Mud</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(4) Organic</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(5) Vegetated Pioneer</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(6) Vegetated Nonpioneer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(FO) Forested Wetland</td>
<td>(1) Broad-leaved Deciduous</td>
<td>(SS) Scrub/Shrub</td>
<td>(1) Broad-leaved Deciduous</td>
</tr>
<tr>
<td></td>
<td>(2) Needle-leaved Deciduous</td>
<td></td>
<td>(2) Needle-leaved Deciduous</td>
</tr>
<tr>
<td></td>
<td>(3) Broad-leaved Evergreen</td>
<td></td>
<td>(3) Broad-leaved Evergreen</td>
</tr>
<tr>
<td></td>
<td>(4) Needle-leaved Evergreen</td>
<td></td>
<td>(4) Needle-leaved Evergreen</td>
</tr>
<tr>
<td></td>
<td>(5) Dead</td>
<td></td>
<td>(5) Dead</td>
</tr>
<tr>
<td></td>
<td>(6) Deciduous</td>
<td></td>
<td>(6) Deciduous</td>
</tr>
<tr>
<td></td>
<td>(7) Evergreen</td>
<td></td>
<td>(7) Evergreen</td>
</tr>
<tr>
<td>(ML) Moss-Lichen</td>
<td>(1) Moss</td>
<td>(UB) Unconsolidated Bottom(^2)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(2) Lichen</td>
<td></td>
<td>(1) Cobble/Gravel</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(2) Sand</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(3) Mud</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(4) Organic</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(U) Upland - None</td>
<td></td>
</tr>
</tbody>
</table>

\(^1\) The original inventory broke this class into six subclasses, which appears to have been a mistake. The Emergent Class contains only two subclasses: persistent and nonpersistent.

\(^2\) The Open Water class was developed for the National Wetlands Inventory (NWI) and is not part of the Cowardin Classification System. The most recent NWI maps being produced by Region 1 of the U.S. Fish & Wildlife Services (Portland, OR) depict Open Water as an Unconsolidated Bottom (UB) class.
APPENDIX 4

KING COUNTY WETLAND INVENTORY UPDATE SHEET

If you would like to contribute to the continual update of this inventory or if you can provide any additional information or corrections to information provided in the 1990 King County Wetlands Inventory, please copy this sheet, fill it out, and mail it to "King County Wetlands Inventory Update", Environmental Division, Parks, Planning and Resource Department, 3600-136th Place Southeast, 4th Floor, Bellevue, Washington 98006-1400. Thank you for your contribution.

NAME: ____________________________
ADDRESS: ____________________________
PHONE: ____________________________
DATE: ____________________________

WETLAND (SUB-BASIN NAME, ID NUMBER): ____________________________

SIZE (approximate acreage): ____________________________

LOCATION: __1/4 of__ __1/4 of__ Section __Township __Range

__1/4 of__ __1/4 of__ Section __Township __Range

MAJOR DRAINAGE BASIN: ____________________________

SUB-BASIN: ____________________________

COMMUNITY PLAN AREA: ____________________________

NWI/USGS QUAD: ____________________________

THOMAS BROTHERS MAP PAGE #: ____________________________

VEGETATION CLASSIFICATIONS (Refer to Classification of Wetlands and Deepwater Habitats of the United States or Appendix 3A and Appendix 3B):

SYSTEM: ____________________________ SUBSYSTEM: ____________________________ CLASS: ____________________________ SUBCLASS: ____________________________ COMMON NAME: ____________________________

OBSERVED SPECIES (Refer to Appendix 1 and Appendix 2 for species assigned symbol).

Symbol Scientific Name Common Name

______________________________ ____________________________ ____________________________

______________________________ ____________________________ ____________________________

______________________________ ____________________________ ____________________________

______________________________ ____________________________ ____________________________

WATER QUALITY OBSERVATIONS:

__________________________________________

__________________________________________

__________________________________________

__________________________________________

ANTHROPOGENIC IMPACT(S) NOTED:

__________________________________________

__________________________________________

__________________________________________

__________________________________________

(OVER)
ADDITIONAL COMMENTS:

WETLANDS SKETCH: Please note approximate shape of wetland, with vegetation classification polygons, adjacent features, roads, points of references, etc.

Scale: ___ inches = ____ feet  N
King County
WETLANDS INVENTORY
Volume 2 East 1990

Black River
Coal Creek (Cedar R. Basin)
**WETLAND:** Black River 8

**LOCATION**
(S,T,R): NW-SE 29, 22N, 5E
NE-SW 29, 22N, 5E

**ACREAGE:** 8.5

**CLASSIFICATION:**
- POW: Palustrine Open Water
- PSS1: Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack/Blueberry)
- PFO1: Palustrine Forested Broad-leaved Deciduous (Alder)

**COMMUNITY PLAN AREA:** Soos Creek

**BASIN OR DRAINAGE:** Green River

**SENSITIVE AREA MAP#:** 5

**Fish & Wildlife Service**

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Palustrine Open Water</th>
<th>Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack/Blueberry)</th>
<th>Palustrine Forested Broad-leaved Deciduous (Alder)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open Water</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scrub-Shrub</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Forested</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Scale:** 1"=500'

**NOTE:** Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the *Federal Manual for Identifying and Delineating Jurisdictional Wetlands.*
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: SD SX VX
Herbs: MG RR VA VS
Sedges/Grasses/Ferns: CX EX JE JX SB QP
Birds: AR BS CG CO GB GH MA RB SS ST VS YT
Mammals: DE CY MU RA RF
Fish: A
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Pipe.
Condition: Open.
Outflow enters: Wetland.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Close proximity of woods and fields to open water.

GENERAL OBSERVATIONS: Ponds were created by past peat excavation. Commercial blueberry farm on north portion. Southern portion of wetland already filled and in the process of being subdivided. 8/15/88: Owner removing blueberries on North portion of wetland; will let go natural. Field staff determined wetland to be larger than shown on aerial.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Black River 6

LOCATION
(S,T,R): E 5, 22N, 5E
SW 4, 22N, 5E

ACREAGE: 62.6

CLASSIFICATION:
L2AB4
Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
PSS1

COMMUNITY
PLAN AREA: Soos Creek

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 5

Fish & Wildlife Service
Lacustrine Littoral Aquatic Bed
Floating-leaved (Water-Shield/White Pond Lily)

Common Name
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: \( AR \)

Shrubs: \( MD \ SD \)

Herbs: \( BS \ LA \ NO \ RR \ TL \ VS \)

Sedges/Grasses/Ferns: \( CX \ EX \ JE \ JX \ LM \ SV \)

Birds: \( AR \ BS \ CO \ GB \ MA \ PG \ SS \ ST \ VS \ YT \)

Mammals: 

Fish: 

Other: 

HYDROLOGY:

Inlet: 

Type: 

Condition: 

Outlet: 

Type: Open channel. 

Condition: Open. 

Outflow enters: Stream. 

Water movement through wetland: No visible movement (but water moving outlet). 

Observed water quality in wetland: 

SIGNIFICANT HABITAT FEATURES: Many snags in view of open water area. 

GENERAL OBSERVATIONS: Panther Lake. Although surrounded by residential development on most sides the lake seems fairly unaffected by development except for litter. 4/31/85: Proposed for Short Plat in NW corner of lake off 200th Street. 1/14/86: Fill Proposal #10860 - SE 196th Street. 10/26/89: Metro $10K Comm. Action Grant to clean up lilies. 

WETLAND RATING (see Introduction for criteria): 1 (c)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Black River 20

LOCATION
(S,T,R): NW-NE 6, 22N, 5E

ACREAGE: 1.5

CLASSIFICATION: Fish & Wildlife Service

PSS5 Palustrine Scrub-Shrub Deciduous (Cornus/Prunus)

PFO6 Palustrine Forested Deciduous (Alder)

COMMUNITY PLAN AREA: Soos Creek

BASIN OR DRAINAGE: Green River

SENSITIVE AREA MAP#: 5

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: CS RP RD RS SX PE
Herbs: VA SN PX SZ
Sedges/Grasses/Ferns: AF PA GX EH
Birds: BW GX HF HS RB RS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Stream.
Condition:

Outlet: Type: Overland defined.
Condition:

Outflow enters: Stream.

Water movement through wetland: Channel flow with some movement.

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags - approximately half are over 25 feet tall.

GENERAL OBSERVATIONS: This wetland is a small basin in a riparian corridor where the river spreads out and a scrub-shrub community of Willow/Dogwood and Alder has developed. It is relatively undisturbed.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Black River 21

LOCATION
(S,T,R): NW-NW 32, 23N, 5E

ACREAGE: 2.5

CLASSIFICATION:
PEM1

Fish & Wildlife Service

Common Name
Palustrine Emergent Persistent
(Juncus effusus)
Wet Meadow

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs: RD SR SD RR UD HX

Herbs: HX JE

Sedges/Grasses/Ferns: AR BS VS

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Seep.
Condition:

Outlet: Type: None.
Condition:

Outflow enters:

Water movement through wetland: Standing flow,

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This small wet meadow is highly disturbed by mowing, plowing, and planting. Wetland grass and forb species are well established.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Black River 24

LOCATION
(S,T,R): NW-SW 29, 22N, 5E

ACREAGE: 17.0

CLASSIFICATION: Fish & Wildlife Service

PSS5 Palustrine Scrub-Shrub Deciduous (Hardhack)
PFO6 Palustrine Forested Deciduous (Alder)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  *PTAR*

Shrubs:  *RD RL SR OC RS SX SD CR PY*

Herbs:  *TL RS*

Sedges/Grasses/Ferns:  *CX JE PA*

Birds:  *RB AR WC*

Mammals: 

Fish: 

Other: 

HYDROLOGY:

Inlet:  
Type: Ditch.
Condition: 

Outlet:  
Type: 
Condition: 

Outflow enters:  Stream.

Water movement through wetland:  Channel flow with some movement.

Observed water quality in wetland:  Water color is clear brown.

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:  This large site is a highly diverse wetland located along a stream corridor. This wetland is contiguous with what used to be Black River 10 - which is now in an incorporated area (Kent).

WETLAND RATING (see Introduction for criteria):  2

NOTE:  Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Coal Creek 2

LOCATION (S,T,R): SE-NE 28, 24N, 5E

ACREAGE: 1.1

CLASSIFICATION: Fish & Wildlife Service

PFO1 Palustrine Forested Broad-leaved Deciduous (Oregon Ash/Cottonwood)

PEM5 Palustrine Emergent Narrow-leaved Persistent (Cattail)

COMMUNITY PLAN AREA: Newcastle

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 4

Scale: 1" = 200'

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR FL PT
Shrubs: RS SX SD
Herbs: TL
Sedges/Grasses/Ferns: AX EX JX
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: 
Type:
Condition:
Outlet: 
Type: Pipe (30 inch).
Condition: Open.

Outflow enters: Wetland.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: A portion of former wetland has been filled and dredged.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Coal Creek 3

LOCATION
(S,T,R): SW-NW 27, 24N, 5E

ACREAGE: 2.0

CLASSIFICATION: Palustrine Forested Broad-leaved Deciduous (Willow) Palustrine Emergent Narrow-leaved Persistent (Cattail)

COMMUNITY PLAN AREA: Newcastle
BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 4

Fish & Wildlife Service
Common Name
Forested
Deep Marsh

Scale: 1" = 200'

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR FL PT
Shrubs: RS SX SD
Herbs: LA OS RR SS TL VS
Sedges/Grasses/Ferns: SM AD CX EX
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Open channel.
Condition: Open,
Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Some snags and logs.

GENERAL OBSERVATIONS: Much of wetland filled; wetland is important for Coal Creek hydrology.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Coal Creek 4

LOCATION (S,T,R): NE-NE 27, 24N, 5E

ACREAGE: 0.5

CLASSIFICATION:

POW

Fish & Wildlife Service

Palustrine Open Water

COMMUNITY PLAN AREA: Newcastle

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 4

Common Name

Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs:
Herbs:
Sedges/Grasses/Ferns:
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Unknown.
Condition: Unknown.
Outflow enters: Unknown.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Small private pond; site not visited during 1983 inventory.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
King County
WETLANDS INVENTORY
Volume 2 East 1990

Coal Creek (Snoqualmie R. Basin)
E. Fork Issaquah Creek
WETLAND: Coal Creek 1

LOCATION
(S,T,R): NW-NW 35, 24N, 7E

ACREAGE: 9.4

CLASSIFICATION:

<table>
<thead>
<tr>
<th>Fish &amp; Wildlife Service</th>
<th>Common Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palustrine Aquatic Bed Floating-leaved (Pond Weed)</td>
<td>Deep Marsh</td>
</tr>
<tr>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)</td>
<td>Scrub-Shrub</td>
</tr>
<tr>
<td>Palustrine Open Water</td>
<td>Open Water</td>
</tr>
</tbody>
</table>

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TS
Shrubs: MF OH AC GS RP RS RX SD VP
Herbs: PN MU NP OS VS VV
Sedges/Grasses/Ferns: SE GX PA
Birds: GB
Mammals: DE BB BO
Fish:
Other:

HYDROLOGY:

Inlet: Type:  
Condition:
Outlet: Type: Open channel.  
Condition: Totally blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Many snags and perches; four beaver dams.

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 1 (b)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 09/02/81

WETLAND: Coal Creek 3
LOCATION (S,T,R): NW-NE 31, 24N, 8E
ACREAGE: 5.5
CLASSIFICATION: PSS1

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs: *MD SX SD*

Herbs:

Sedges/Grasses/Ferns: *PA*

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet:

Type:
Condition:

Outlet:

Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Some neighbors are getting flooded.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Coal Creek 4

LOCATION
(S,T,R): E 31, 24N, 8E
W 5, 23N, 8E

ACREAGE: 250.0

CLASSIFICATION:
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)
PFO1 Palustrine Forested Broad-leaved Deciduous (Alder)
PFO4 Palustrine Forested Needle-leaved Evergreen (Hemlock)
PEM5 Palustrine Emergent Narrow-leaved Persistent (Reed Canary Grass)

COMMUNITY
Fish & Wildlife Service
Common Name

SCALE: 1"=1000'

SNOQUALMIE

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR PT TS TP
Shrubs: OH SR AC CS GS MD RP RS SX SD VP
Herbs: TM HF TT SM LA MU NP OS
Sedges/Grasses/Ferns: AF CX CO JX PA PX
Birds: VS BS AR SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Wildlife habitat value could be increased greatly by allowing beaver ponds to remain.

GENERAL OBSERVATIONS: Heavily colloidal silt load; traffic noise near logging road.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Coal Creek 9

LOCATION
(S,T,R): NE-NW 31, 24N, 8E
SE-NW 31, 24N, 8E

ACREAGE: 4.8

CLASSIFICATION: PFO1

Fish & Wildlife Service
Palustrine Forested Broad-leaved Deciduous (Alder)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AM AR PT
Shrubs: AC CS RS SX SD VP
Herbs: TT LA OS RR SN VV
Sedges/Grasses/Ferns: BD AF SM
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Open channel.
Condition: Open.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list, including rare, threatened, and/or endangered species.
WETLAND: East Fork Issaquah Creek 1

LOCATION
(S,T,R): NE-SW 30, 24N, 7E
NW-SE 30, 24N, 7E

ACREAGE: 2.3

CLASSIFICATION: PSS1 PEM1

Fish & Wildlife Service

Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
Palustrine Emergent Persistent (Ranunculus repens)

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Common Name

Scrub-Shrub
Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

- Trees: *AR PT*
- Shrubs: *RS SX SD*
- Herbs: *IP RR SN TL*
- Sedges/Grasses/Ferns: *CA*
- Birds:
- Mammals:
- Fish:
- Other:

HYDROLOGY:

- Inlet: Type:
  - Condition:
- Outlet: Type: Open channel.
  - Condition: Open.
- Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Noise from adjacent I-90 traffic.

WETLAND RATING (see Introduction for criteria): 2

---

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 09/15/81

WETLAND: East Fork Issaquah Creek 2
LOCATION
(S,T,R): SE-SE 30, 24N, 7E
SW 29, 24N, 7E
ACREAGE: 8.8
CLASSIFICATION:

PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)
PPO1 Palustrine Forested Broad-leaved Deciduous (Red Alder)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT
Shrubs: GS RS SX SD
Herbs: OS RR TL
Sedges/Grasses/Ferns: SM AF CO EX JT

Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Open channel.
Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Noise from adjacent I-90 traffic.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Fork Issaquah Creek 3

LOCATION
(S,T,R): NE-SE 25, 24N, 6E

ACREAGE: 7.6

CLASSIFICATION:

PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

PEM1 Palustrine Emergent Persistent (Water Sedge)

PFO1 Palustrine Forested Broad-leaved Deciduous (Red Alder)

COMMUNITY

PLAN AREA: East Sammamish

BASIN OR

DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service

Common Name

Scrub-Shrub

Shallow Marsh

Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  AR PT
Shrubs:  RS SX SD
Herbs:  OS TL VS
Sedges/Grasses/Ferns:  SM AF CA EX JE PA
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:  Type:
        Condition:
Outlet:  Type: Open channel.
        Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:  Noise from adjacent I-90 traffic.

WETLAND RATING (see Introduction for criteria):  2

NOTE:  Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 2

LOCATION
(S,T,R): SW-SW 27, 25N, 6E

ACREAGE: 1.8

CLASSIFICATION:
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: FL PT TP
Shrubs: LI SX SD
Herbs:
Sedges/Grasses/Ferns:
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: None.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Closed drainage; some garbage.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 9

LOCATION
(S,T,R): N 34, 25N, 6E

ACREAGE: 55.0

CLASSIFICATION:

<table>
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<tr>
<th>Code</th>
<th>Name</th>
<th>Fish &amp; Wildlife Service</th>
<th>Common Name</th>
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<tbody>
<tr>
<td>PSS1</td>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)</td>
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<td>Scrub-Shrub</td>
</tr>
<tr>
<td>PFO1</td>
<td>Palustrine Forested Broad-leaved Deciduous (Oregon Ash)</td>
<td></td>
<td>Forested</td>
</tr>
<tr>
<td>PSS3</td>
<td>Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)</td>
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<td>Scrub-Shrub</td>
</tr>
<tr>
<td>PFO4</td>
<td>Palustrine Forested Needle-leaved Evergreen (Western Red Cedar)</td>
<td></td>
<td>Forested</td>
</tr>
</tbody>
</table>

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PM AR FL TS TP
Shrubs: BG PZ PC AC CS KO LL RP RS SX SD
Herbs: ST VC LA MU OS VA VS
Sedges/Grasses/Ferns: CX JE PX
Birds: AR ST
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Open channel.
Condition: Partially blocked.
Outflow enters: Stream.
Water movement through wetland: No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Old bog; big stands of Oregon Ash.

GENERAL OBSERVATIONS: Wetland drains to both Evans Creek and East Lake Sammamish basins. New development on north edge; pipeline goes through site; important wetland hydrologically. A portion of the wetland was damaged by an illegal conversion under a Class 2 forest practice permit prior to final Short Plat approval - 11/22/89.

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 10

LOCATION
(S,T,R): S 35, 25N, 6E
  NE 2, 24N, 6E

ACREAGE: 31.3
CLASSIFICATION:  
  PSS1  Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
  PEM5  Palustrine Emergent Narrow-leaved Persistent (Cattail)
  PAB4  Palustrine Aquatic Bed Floating-leaved Deciduous (Yellow Pond Lily)
  PAB2  Palustrine Aquatic Bed Submergent Vascular (Marsh Pepper)

COMMUNITY
PLAN AREA:  East Sammamish

BASIN OR
DRAINAGE:  Cedar River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service  Common Name
  Scrub-Shrub
  Deep Marsh
  Open Water
  Open Water

NOTE:  Wetland boundaries shown are approximate.  Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TP
Shrubs: CS LL LI RP RS SX SD
Herbs: PN GM LA NP OS PP RR TL
Sedges/Grasses/Ferns: AF CA CO JE JX LM RN

Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous beaver dams in lower end; numerous snags and logs; many vegetative edges.

GENERAL OBSERVATIONS: Well buffered secluded place; good duck wintering habitat.

WETLAND RATING (see Introduction for criteria): 1 (b/c)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 11

LOCATION
(S,T,R): SE-SW 34, 25N, 6E
SW-SW 34, 25N, 6E

ACREAGE: 3.6

CLASSIFICATION:
- PAB4: Palustrine Aquatic Bed Floating-leaved
- PEM4: Palustrine Emergent Broad-leaved Nonpersistent (Yellow Pond Lily)

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service
Common Name
- Open Water
- Deep Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: GS LI SX SD VP
Herbs: PN NP PH TL VA
Sedges/Grasses/Ferns: SM DA JX
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous Bullfrogs (BF).

GENERAL OBSERVATIONS: Several man-made ponds empty into a marshy area then enters a stream.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 12

LOCATION
(S,T,R): SE-SE 33, 25N, 6E

ACREAGE: 0.7

CLASSIFICATION:
POW
Palustrine Open Water
PEMS
Palustrine Emergent Narrow-leaved Persistent (Yellow Pond Lily)

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service
Common Name
Open Water
Meadow

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs: SX
Herbs:
Sedges/Grasses/Ferns: JX
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Open.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Private pond.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 14

LOCATION
(S,T,R): NW-NW 4, 24N, 6E

ACREAGE: 2.8

CLASSIFICATION: PEM4

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service

Common Name

Palustrine Emergent Broad-leaved Nonpersistent (Marsh Pepper)

Deep Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PT
Shrubs: SX SD
Herbs: PN PH RR VS
Sedges/Grasses/Ferns: SE SB CA CX CO EX JE IX PA
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Pipe (16 inch).
Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Partially dredged at one time; possible nutrients from cow barn on west end.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 17

LOCATION
(S,T,R): SW-NW 4, 24N, 6E
SE-NW 4, 24N, 6E

ACREAGE: 32.0

CLASSIFICATION:
PFO1
Palustrine Forested Broad-leaved Deciduous (Oregon Ash)

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service
Common Name

Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: FL PT PQ
Shrubs: SA SC RS SX SD
Herbs: LP NP OS RR SN VS
Sedges/Grasses/Ferns: CX IX

Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Some snags and perches; mostly forested wetland.

GENERAL OBSERVATIONS: Wetland bisected into four pieces by subdivision and county road; some fill; noise; and garbage from residential development.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
**Photo Date:** 05/01/80  
**Inventory Date:** 06/18/81  
**Scale:** 1" = 500'

**WETLAND:** East Lake Sammamish 18

**LOCATION**  
(S,T,R): SW-NE 3, 24N, 6E  
NE-SE 3, 24N, 6E

**ACREAGE:** 17.2

**CLASSIFICATION:**  
<table>
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<th>Classification</th>
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<tbody>
<tr>
<td>PFO1</td>
<td>Palustrine Forested Broad-leaved Deciduous (Oregon Ash)</td>
<td>Forested</td>
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<tr>
<td>PSS1</td>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)</td>
<td>Scrub-Shrub</td>
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<tr>
<td>PEM3</td>
<td>Palustrine Emergent Persistent (Scirpus microcarpus)</td>
<td>Deep Marsh</td>
</tr>
<tr>
<td>PEM4</td>
<td>Palustrine Emergent Broad-leaved Nonpersistent (Marsh Pepper)</td>
<td>Deep Marsh</td>
</tr>
</tbody>
</table>

**COMMUNITY**

**PLAN AREA:** East Sammamish

**BASIN OR**

**DRAINAGE:** Cedar River

**SENSITIVE AREA MAP #:** 8

**NOTE:** Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the *Federal Manual for Identifying and Delineating Jurisdictional Wetlands.*
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR FL TS TP
Shrubs: PC AC CS GS LI RS SX SD VP
Herbs: AS LA MU OS PH SN
Sedges/Grasses/Ferns: AF CX SX
Birds: RG ST
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:

Type:
Condition:

Outlet:
Type: Pipe (18 inch).
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: A few logs and perches; well buffered.

GENERAL OBSERVATIONS: Outflow at north and south ends; housing development on hill overlooking to east. 10/9/85: Clairmont Estates #884-3 subdivision on west side of wetland at top of hill.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 19

LOCATION
(S,T,R): SE-SW 35, 25N, 6E

ACREAGE: 1.0

CLASSIFICATION: Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: LL SX
Herbs: LA TL
Sedges/Grasses/Ferns: SM

Birds: 
Mammals: 
Fish: 
Other: 

HYDROLOGY:

Inlet: 
  Type: 
  Condition: 
Outlet: 
  Type: Open channel.
  Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland: 

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Located in power line right-of-way; road bisects wetland.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 21

LOCATION
(S,T,R): NW-NW 1, 24N, 6E
SW-NW 1, 24N, 6E

ACREAGE: 13.4

CLASSIFICATION: PSS3

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service Common Name

Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea) Bog

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSEIVED SPECIES (refer to Appendix 1):

Trees:
Shrubs: KO LL SD VO
Herbs: TA
Sedges/Grasses/Ferns: PX
Birds: MH
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:
Type:
Condition:
Outlet:
Type: Open channel.
Condition: Partially blocked.

Outflow enters: Lake.
Water movement through wetland: No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Nice bog; well buffered.

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 24

LOCATION
(S,T,R): SE-NW 11, 24N, 6E

ACREAGE: 0.9

CLASSIFICATION: Fish & Wildlife Service

<table>
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<th>Classification</th>
<th>Fish &amp; Wildlife Service</th>
<th>Common Name</th>
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<td>PSS6</td>
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<td>Scrub-Shrub</td>
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<td>PFO1</td>
<td>Palustrine Forested Broad-leaved Deciduous (Oregon Ash)</td>
<td>Forested</td>
</tr>
<tr>
<td>PAB1</td>
<td>Palustrine Aquatic Bed Submerged Algal</td>
<td>Open Water</td>
</tr>
</tbody>
</table>

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: FL PT TP

Shrubs: PC AC VP

Herbs: SZ SN RR

Sedges/Grasses/Ferns: AF CA

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:

Condition:

Outlet: Type: Overland defined.

Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Many snags and logs.

GENERAL OBSERVATIONS: Because of a log and debris jam the inlet to the wetland is adjacent to the outlet. 1/6/86: Short Plat #1185019

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 26  

COMMUNITY  
PLAN AREA: East Sammamish  

LOCATION  
(S,T,R): SE-SW 3, 24N, 6E  
SW-SE 3, 24N, 6E  

BASIN OR  
DRAINAGE: Cedar River  

ACREAGE: 37.0  

SENSITIVE AREA MAP#: 8  

CLASSIFICATION:  
Fish & Wildlife Service  
Common Name  

PEMS5: Palustrine Emergent Narrow-leaved Persistent (Rush)  
Deep Marsh  

PSS1: Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)  
Scrub-Shrub  

PSS3: Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)  
Bog  

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TP

Shrubs: KO LL RP SX SD VO VP

Herbs: EN TA VV

Sedges/Grasses/Ferns: CO JE PA PX

Birds: CQ VR BD GB HW

Mammals: CY

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition: 

Outlet: Type: Open channel.
Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous perches; one bog portion.

GENERAL OBSERVATIONS: Roads cut wetland into four sections; some dredging ongoing. 1/21/87: Illegal fill in NE corner.

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 29

LOCATION
(S,T,R): NE-NE 8, 24N, 6E

ACREAGE: 2.5

CLASSIFICATION:

- PAB1: Palustrine Aquatic Bed Submergent Algal
- PSS1: Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)
- PEM3: Palustrine Emergent Narrow-leaved Persistent

COM rnmunity
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Common Name

- Fish & Wildlife Service
- Open Water
- Scrub-Shrub
- Deep Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: LL SX SD
Herbs: NP PH
Sedges/Grasses/Ferns: EX
Birds: VS BS
Mammals: DE
Fish:
Other:

HYDROLOGY:

Inlet: 
Type:
Condition:

Outlet: 
Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Partially cleared and excavated; livestock have access to wetland.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 30

LOCATION
(S,T,R): SW-NW 9, 24N, 6E
   NE 8, 24N, 6E

ACREAGE: 155.0

CLASSIFICATION:

Fish & Wildlife Service

Common Name

PEM3
Palustrine Emergent Narrow-leaved Nonpersistent (Reed Canary Grass)
Wet Meadow

PSS1
Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
Scrub-Shrub

PML1
Palustrine Moss Lichen (Labrador Tea/Sphagnum)
Bog

L1UBH
Lacustrine Limnetic Unconsolidated Bottom
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: BZ AR PT TS
Shrubs: RL VU KO LL RP SX SD
Herbs: SN BX NP OS TA TL
Sedges/Grasses/Ferns: EC CO LM PX
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

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Outflow enters:

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous perches; contains at least five different kinds of wetland classes.

GENERAL OBSERVATIONS: Extensive bog and wet meadow areas; proposed housing development on NE side of 212 Avenue SE; Blueberry fields also on east side of 212 Avenue SE. PEM3/PSS1/PML1 polygons measured at 54 acres; Pine Lake measured at 101.0 acres.

WETLAND RATING (see Introduction for criteria): 1 (b/d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 32

LOCATION
(S,T,R): NW-SE 9, 24N, 6E
SW-SE 9, 24N, 6E

ACREAGE: 0.8

CLASSIFICATION: Fish & Wildlife Service

PEM5 Palustrine Emergent Narrow-leaved Persistent (Reed Canary Grass)
PAB2 Palustrine Aquatic Bed Submergent Vascular

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  *AR FL PQ TP*

Shrubs:  *LI SX SD*

Herbs:

Sedges/Grasses/Ferns:  *CX DA JE PA*

Birds:  *DF BF*

Mammals:

Fish:

Other:

HYDROLOGY:

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Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 33

LOCATION
(S,T,R): SE-SE 9, 24N, 6E

ACREAGE: 1.2

CLASSIFICATION:
PEMS5

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service
Palustrine Emergent Narrow-leaved Persistent (Reed Canary Grass)

Common Name
Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *PQ*
Shrubs: *SX SD*
Herbs: *VV PH RR VA VS*
Sedges/Grasses/Ferns: *PA*
Birds: 
Mammals: 
Fish: 
Other: 

HYDROLOGY:

Inlet: 
Type: 
Condition: 
Outlet: 
Type: Overland defined. 
Condition: Open.
Outflow enters: Stream.
Water movement through wetland: 
Observed water quality in wetland: 

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 06/04/81

WETLAND: East Lake Sammamish 34

LOCATION
(S,T,R): NW-SW 11, 24N, 6E
NE-SE 10, 24N, 6E

ACREAGE: 17.5

CLASSIFICATION:
PSS3
PEM5
PSS1
PML1

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service
Common Name

Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)
Bog

Palustrine Emergent Narrow-leaved Persistent (Cattail)
Deep Marsh

Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
Bog

Palustrine Moss Lichen (Sphagnum)
Bog

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PMAR TS
Shrubs: KOLL VO
Herbs: DR BS TL
Sedges/Grasses/Ferns: CXDA JELM PX

Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:  
Condition:  
Outlet: Type: Open channel.  
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags and some perches; large well developed bog with Sphagnum hummocks.

GENERAL OBSERVATIONS: Queens Bog or Cranberry Bog; natural gas pipe line goes through wetland; well buffered wetland; Wetland being used as a stormwater R/D facility as part of Klahanie development. This wetland is being studied as part of the Puget Sound Wetlands and Stormwater Management Research Program.

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 35

LOCATION
(S,T,R): NE-NW 11, 24N, 6E
NW-NE 11, 24N, 6E

ACREAGE: 4.0

CLASSIFICATION:
PAB1 Palustrine Aquatic Bed
Submergent Algal
PAB4 Palustrine Aquatic Bed Floating-leaved

COMMUNITY
Fish & Wildlife Service

PLAN AREA: East Sammamish

BASIN OR
Common Name

DRRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: TP
Shrubs: MD SX SD
Herbs: SN IP NP RR
Sedges/Grasses/Ferns: AF JE JT

Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Open channel.
Condition: Open.

Outflow enters: Stream.
Water movement through wetland: Visible movement of water through wetland.

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 06/23/81
Scale: 1" = 200'

WETLAND: East Lake Sammamish 38
COMMUNITY PLAN AREA: East Sammamish
LOCATION
(BASIN OR DRAINAGE: Cedar River
(S,T,R): SW-SE 10, 24N, 6E

ACREAGE: 6.5
SENSITIVE AREA MAP#: 8
CLASSIFICATION: Fish & Wildlife Service Common Name
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack/Cascara) Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs: AC LI RP SX SD

Herbs:

Sedges/Grasses/Ferns: SM CX JX PA SB

Birds: VS BS SS YT

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition:

Outlet: Type: Pipe. 
Condition: Open.

Outflow enters: Wetland.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Wet pasture surrounds most of Hardhack wetland.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 39

LOCATION
(S,T,R): SE-SW 10, 24N, 6E

ACREAGE: 21.0

CLASSIFICATION:

PSS1  Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

PAB1  Palustrine Aquatic Bed
       Submergent Algal

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS

Shrubs: RX SX SD

Herbs: GB HF

Sedges/Grasses/Ferns: SM SB AF IX LM

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Large buffered lake; good waterfowl habitat.

GENERAL OBSERVATIONS: Private lake; some livestock grazing in wetland; no possibility for enhancing storage due to flooding of lawns and pastures. Laughing Jacobs and Drunken Charlies Sphagnum bogs are part of the system. This wetland is being studied as part of the Puget Sound Wetlands and Stormwater Research Program.

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 40

LOCATION
(S,T,R): NW-SE 15, 24N, 6E
SW-SE 15, 24N, 6E

ACREAGE: 12.4

CLASSIFICATION:

PFO1  Palustrine Forested Broad-leaved Deciduous (Alder)
PFO4  Palustrine Forested Needle-leaved Evergreen (Western Red Cedar)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR TS TP
Shrubs: OH AC CS SX SD
Herbs: LA RR TL
Sedges/Grasses/Ferns: EH SM AF SX
Birds: RG KD VS BS SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Pipe.

Water movement through wetland: No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags.

GENERAL OBSERVATIONS: Livestock grazing in wetland; driveway bisects wetland; some clearing in wetland. 5/10/86: Brookshire Estates - entrance pond at northend.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 52

LOCATION
(S,T,R): NW-SW 15, 24N, 6E
SE-SW 15, 24N, 6E

ACREAGE: 5.8

CLASSIFICATION: PFO1

COMPUTY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service
Common Name
Palustrine Forested Broad-leaved
Deciduous (Oregon Ash)
Forest

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR FL PT
Shrubs: SR CS MD RS SX SD
Herbs: SN LA OS VS
Sedges/Grasses/Ferns: AF CX JT PA

Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
       Condition:

Outlet: Type: Overland undefined.
        Condition: Not observed.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Highway noise from adjacent East Lake Sammamish Blvd.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 54

LOCATION
(S,T,R): NW-SE 35, 25N, 6E

ACREAGE: 1.4

CLASSIFICATION:
PSS1

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service

Common Name

Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: FL PQ TS TP

Shrubs: RP RS SD

Herbs: OS

Sedges/Grasses/Ferns: SM AF

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition:

Outlet: Type: Overland undefined.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Wetland totally surrounded by deciduous forest.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 55

LOCATION
(S,T,R): NW-NE 2, 24N, 6E

ACREAGE: 0.9

CLASSIFICATION: Fish & Wildlife Service

PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the **Federal Manual for Identifying and Delineating Jurisdictional Wetlands**.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs: CS RP SX SD

Herbs: LA

Sedges/Grasses/Ferns: AF

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Condition:

Outlet: Type: Overland undefined. Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Wetland perched on hill overlooking wetland ELS 10. Well buffered by forest.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs: *RP SX SD*
Herbs:
Sedges/Grasses/Ferns:
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Overland undefined.
Condition: Not observed.

Outflow enters:
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Updated to include Lacustrine classification. PSS1 polygon measured at 1.3 acres; Beaver Lake measured at 64.0 acres.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 58

LOCATION
(S,T,R): SW-SE 9, 24N, 6E

ACREAGE: 3.7

CLASSIFICATION: Fish & Wildlife Service

Common Name
PSS3 Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *PQ*

Shrubs: *KO LL MD SD VO*

Herbs:

Sedges/Grasses/Ferns:

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition:

Outlet: Type: Pipe (12 inch).
Condition: Open.

Outflow enters: Pipe.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 59

LOCATION
(S,T,R): NE-NW 34, 25N, 6E
      NW-NW 34, 25N, 6E

ACREAGE: 6.3

CLASSIFICATION: Fish & Wildlife Service
                Palustrine Forested Broad-leaved
                Deciduous (Oregon Ash)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *FL PQ*

Shrubs: *RX GS LL SX SD*

Herbs: *MUPP TA VA*

Sedges/Grasses/Ferns: *CA CXJX PA PX*

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:

Condition:

Outlet: Type: Open channel.

Condition: Partially blocked.

Outflow enters:

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags and perches.

GENERAL OBSERVATIONS: Some of the wetland dredged; road bisects wetland. Short Plat #287004.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the *Federal Manual for Identifying and Delineating Jurisdictional Wetlands*. 
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TS
Shrubs: LI RS SX SD
Herbs: SZ NP PH RR TL
Sedges/Grasses/Ferns: JX LM PA RN

Birds: RH
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Good habitat diversity.

GENERAL OBSERVATIONS: Some garbage visible; harvest age second growth woods around part of wetland. Balmoral Division #2; Plat #125-85R 1185-4. This wetland is being studied as part of the Puget Sound Wetlands and Stormwater Management Research Program.

WETLAND RATING (see Introduction for criteria): 1 (b)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 62

LOCATION
(S,T,R): SW-SE 33, 25N, 6E

ACREAGE: 0.4

CLASSIFICATION:
PAB6 Palustrine Aquatic Bed

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service
Common Name

Palustrine Aquatic Bed Unknown Surface
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs:

Herbs: PN IP TL VA

Sedges/Grasses/Ferns: JX

Birds: MA BS

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition:

Outlet: Type: Overland undefined. 
Condition: Not observed.

Outflow enters: Wetland.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Pasture pond.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 63

LOCATION
(S,T,R): SE-SE 5, 24N, 6E

ACREAGE: 2.8

CLASSIFICATION:
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)
PFO1 Palustrine Forested Broad-leaved Deciduous (Cottonwood)

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service
Common Name
Scrub-Shrub
Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *PT*

Shrubs: *SX SD*

Herbs: *PH*

Sedges/Grasses/Ferns: *SB PA*

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 

Condition:

Outlet: Type: Overland undefined.

Condition: Not observed.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Quarter of wetland filled; remainder has been dredged but wetland plants still predominate. May change over time to more upland community.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 64

LOCATION
(S,T,R): NW-SW 32, 24N, 6E
   NE-SW 32, 24N, 6E

ACREAGE: 4.0

CLASSIFICATION:

<table>
<thead>
<tr>
<th>Fish &amp; Wildlife Service</th>
<th>Common Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palustrine Emergent Narrow-leaved Persistent (Juncus)</td>
<td>Shallow Marsh</td>
</tr>
</tbody>
</table>

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *AR*
Shrubs: *SD*
Herbs: *GM LA RR TL VS*
Sedges/Grasses/Ferns: *JE*

Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Overland defined. 
Condition: Not observed.

Outflow enters: Lake.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Old pasture reverting back to wetland; several old drainage channels still exist.

WETLAND RATING (see Introduction for criteria): 2

---

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):
Trees: *AR PT*
Shrubs: *OC AC CS SX*
Herbs: *EN OS*
Sedges/Grasses/Ferns: *EH AF*

Birds:
Mammals: *RA*
Fish:
Other:

HYDROLOGY:
Inlet: 
Type: [Blank]
Condition: [Blank]
Outlet: 
Type: Overland undefined.
Condition: Not observed.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Several perches and snags.

GENERAL OBSERVATIONS: Located alongside East Lake Sammamish Blvd. 10/30/85: Short Plat #1085061.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 66

LOCATION
(S,T,R): SW-SE 3, 24N, 6E
NW-SE 3, 24N, 6E

ACREAGE: 2.1

CLASSIFICATION: PSS1

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service
Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

Common Name
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *AR PT*

Shrubs: *MD*

Herbs: *RR*

Sedges/Grasses/Ferns: *JE PA*

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition:

Outlet: Type: None.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Some fill in wetland along south side; some garbage.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 67

LOCATION
(S,T,R): NE-SW 11, 24N, 6E

ACREAGE: 2.5

CLASSIFICATION: Fish & Wildlife Service
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

COMMUNITY
Fish & Wildlife Service
Common Name

Plan Area: East Sammamish Basin or Drainage: Cedar River

Sensitive Area Map#: 8

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR

Shrubs: AC MD RP SX SD

Herbs:

Sedges/Grasses/Ferns:

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition:

Outlet: Type: None.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Forested buffer totally surrounding site.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80  Inventory Date: 06/23/81  Scale: 1" = 200'

WETLAND: East Lake Sammamish 70

LOCATION
(S,T,R): NW-SE 10, 24N, 6E
NE-SE 10, 24N, 6E

ACREAGE: 3.1

CLASSIFICATION: Fish & Wildlife Service
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Common Name
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: LL RP SX SD
Herbs: RO
Sedges/Grasses/Ferns: SB
Birds: VS BS YT
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:

Outlet: Type: Pipe (12/18 inch).  
Condition: Open.

Outflow enters: Wetland.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Housing subdivision being built along west edge; gravel fill from one house extends into wetland; easily enhanced for storage.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 74

LOCATION
(S,T,R): SW-SW 15, 24N, 6E

ACREAGE: 0.7

CLASSIFICATION: Fish & Wildlife Service

PEM1 Palustrine Emergent Persistent (Juncus effusus)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR

Shrubs: AC RD SD HD

Herbs: CI RR GM SD SZ

Sedges/Grasses/Ferns: AG HX JE DG

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:

Condition:

Outlet: Type:

Condition:

Outflow enters: Field.

Water movement through wetland: Standing flow.

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This is a very small emergent wetland with predominantly Soft Rush species. The site is surrounded by development.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 77

LOCATION
(S,T,R): SE-NE 33, 25N, 6E

ACREAGE: 58.0

CLASSIFICATION:
- PEM1: Palustrine Emergent Persistent (Juncus/Agrostic/Ranunculus)
- PSS5: Palustrine Scrub-Shrub Deciduous (Hardhack/Salmonberry)
- PFO4: Palustrine Forested Needle-leaved Evergreen (Western Red Cedar)
- PFO6: Palustrine Forested Deciduous (Alder/Cottonwood)

COMMUNITY
- PLAN AREA: East Sammamish

BASIN OR
- DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service
Common Name
- Meadow
- Scrub-Shrub
- Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: **PT TS AR PS PM TP**
Shrubs: **LI RD RV SX SD AM**
Herbs: **RR**
Sedges/Grasses/Ferns: **AG CX HX JE JF AX PT PP**
Birds: **AR BS CV ST**
Mammals: **DE**
Fish:
Other: **CF**

HYDROLOGY:

Inlet: **Type:** Undetermined.  
**Condition:**

Outlet: **Type:** Undetermined.  
**Condition:**

Outflow enters:

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Many snags less than 25 feet in height - perches and logs.

GENERAL OBSERVATIONS: This wetland is quite large and diverse. The emergent zone is pasture land that is converting back to wetland vegetation. The forested shrub-shrub zones are healthy and provide habitat to diverse wildlife including many bird and deer species.

WETLAND RATING (see Introduction for criteria): **2**

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: East Lake Sammamish 90

LOCATION
(S,T,R): NW-SW 16, 24N, 6E
SE-NW 16, 24N, 6E

ACREAGE: 5.8

CLASSIFICATION:
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)
PEM1 Palustrine Emergent Persistent (Scirpus Microcarpus/Juncus)

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR

Shrubs: EH SX SD

Herbs:

Sedges/Grasses/Ferns: SM JT

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:
    Condition:

Outlet: Type: None.
    Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Located just east of East Lake Sammamish Blvd. Highway noise and fumes present.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
King County
WETLANDS INVENTORY
Volume 2 East 1990

Issaquah Creek
WETLAND: Issaquah Creek 2

LOCATION
(S,T,R):NW 16, 24N, 6E
SW 21, 24N, 6E

ACREAGE: 200.0

CLASSIFICATION:
PEM1 Palustrine Emergent Persistent (Reed Canary Grass)
PSS5 Palustrine Scrub-Shrub Deciduous (Willow)
PFO6 Palustrine Forested Deciduous (Cottonwood)
PAB4 Palustrine Aquatic Bed Floating-leaved (Yellow Pond Lily)

COMMUNITY
PLAN AREA: East Sammamish

SENSITIVE AREA MAP#: 9

BASIN OR DRAINAGE: Cedar River

Common Name
Meadow
Scrub-Shrub
Forested
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM FL PT AR TP

Shrubs: AC CS LI RD RL SX SD PC SR MD

Herbs: RR NP IP PP SD TL LS SN NO

Sedges/Grasses/Ferns: PA LP CX SM AF JT CA

Birds: GF AR BS CG GB SS PG MA CO TS KF GB

Mammals:  

Fish:  

Other: BE

HYDROLOGY:

Inlet: Type: Stream.
Condition:

Outlet: Type: Stream - overland undefined.
Condition:

Outflow enters: Lake.

Water movement through wetland: Channel flow with some movement - standing flow.

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This is a very large mosaic wetland adjacent to Lake Sammamish. The characteristics of the wetland's community species are influenced by human presence on Lake Sammamish State Park as well as a meandering creek. Disturbance activities include mowing, filling, ditching, and debris from park visitors. Boats noise and garbage from adjacent boat launch on Lake Sammamish. Old former pasture. This inventory updates and includes information for Issaquah Creek 1, 2, and 51 from the original inventory (1983).

WETLAND RATING (see Introduction for criteria): 1

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 3

LOCATION
(S,T,R): NE-NW 20, 24N, 6E

ACREAGE: 7.0

CLASSIFICATION:
- PFO1: Palustrine Forested Broad-leaved Deciduous (Willow)
- PEM1: Palustrine Emergent Persistent (Scirpus validus)

COMMUNITY PLAN AREA: East Sammamish
BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service Common Name
- Forested
- Shallow Marsh

Photo Date: 05/01/80
Inventory Date: 08/25/81
Scale: 1" = 500'

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR FL

Shrubs: SR RL CS SX SD

Herbs: LS SN NP PH

Sedges/Grasses/Ferns: AF PA SV

Birds: CG MA TS BS

Mammals: BE

Fish:

Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: None.
Condition: Not observed.

Outflow enters: Lake.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:


WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 08/26/81

WETLAND: Issaquah Creek 5

LOCATION
(S,T,R): NW-NE 3, 23N, 6E

ACREAGE: 1.2

CLASSIFICATION:
PSS1

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service
Common Name
Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow/Alder)
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: RL RS SX SD
Herbs: LA RR TL
Sedges/Grasses/Ferns: EH IF SM AF JE PA
Birds: WW
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Open channel. 
Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: 11/6/84: Illegal fill-grading (clearing for pasture) on northeast ends of wetland; adjacent to SE 98th Street Short Plat #384124.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80  Inventory Date: 08/26/81  Scale: 1" = 1000'

WETLAND: Issaquah Creek 6

LOCATION
(S,T,R): NW-SW 4, 23N, 6E
SW-SW 4, 23N, 6E

ACREAGE: 4.0

CLASSIFICATION:

<table>
<thead>
<tr>
<th>PFO4</th>
<th>Fish &amp; Wildlife Service</th>
<th>Common Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Palustrine Forested Needle-leaved Evergreen (Hemlock)</td>
<td>Forested</td>
</tr>
</tbody>
</table>

COMMUNITY

PLAN AREA: Tahoma/Raven Heights

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TS TP
Shrubs: MF GS RS SX SD VP
Herbs: LA OS
Sedges/Grasses/Ferns: SM AF

Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags; perches; and logs.

GENERAL OBSERVATIONS: Located up on Squak Mountain.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 7

LOCATION
(S,T,R): NW-NE 10, 23N, 6E
SW-NE 10, 23N, 6E

ACREAGE: 5.2

CLASSIFICATION:
PEM1

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service
Common Name

Palustrine Emergeent Persistent
(Juncus tenuis)
Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: SX SD
Herbs: MG EF GM PH TL
Sedges/Grasses/Ferns: EH JF JB SM AX CA EX JT PA
Birds: SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Overland undefined.
Condition: Not observed.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Old pasture that has not been grazed for a number of years.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 10

LOCATION
(S,T,R): W-NW 20, 23N, 6E
SW-SW 17, 23N, 6E

ACREAGE: 16.5

CLASSIFICATION:

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<th>Classification</th>
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<tr>
<td>L2AB4</td>
<td>Lacustrine Littoral Aquatic Bed Floating-leaved</td>
<td>Open Water</td>
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<td>(Yellow &amp; White Pond Lily)</td>
<td></td>
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<tr>
<td>PSS1</td>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)</td>
<td>Scrub-Shrub</td>
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<tr>
<td>PFO1</td>
<td>Palustrine Forested Broad-leaved Deciduous (Alder)</td>
<td>Forested</td>
</tr>
</tbody>
</table>

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TS TP
Shrubs: SX SD
Herbs: MX IP LA NP NO TL UM VS
Sedges/Grasses/Ferns: AF JT LM PA
Birds: GB CG MA CO
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Open channel.
Condition: Not observed.

Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Milfoil present.

GENERAL OBSERVATIONS: Many houses around lake.

WETLAND RATING (see Introduction for criteria): I (c)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs:
Herbs:
Sedges/Grasses/Ferns:
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: 
  Type: 
  Condition: 
Outlet: 
  Type: Unknown.
  Condition: Unknown.
Outflow enters: Unknown.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Small pond; site not visited during 1983 inventory.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 13

LOCATION
(S,T,R): SE-NW 27, 23N, 6E
NW-NE 27, 23N, 6E

ACREAGE: 18.5

CLASSIFICATION: Fish & Wildlife Service
PAB Palustrine Aquatic Bed
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Common Name
Open Water
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT
Shrubs: SX SD
Herbs: MX MG IP NP RR TL
Sedges/Grasses/Ferns: JS SE AX EX JT LM PA
Birds: PG DF GB CG MA TS BS AR ST SS YT
Mammals:
Fish:
Other: BF

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Open channel.
Condition: Open.
Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Four excavated lakes for housing development. 1/27/86: Potential Short Plat and single family residence.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: SX SD
Herbs: TL
Sedges/Grasses/Ferns: JT
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Small narrow pond; horse pasture on one side; tall willow scrub into the water on one side. Short Plat #118406.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 15

LOCATION
(S,T,R): NE-NW 26, 23N, 6E

ACREAGE: 1.5

CLASSIFICATION: PEM1
(Palustrine Emergent Persistent (Scripus microcarpus/Lady fern)

COMMUNITY
Fish & Wildlife Service
Common Name

PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service
Common Name

Shallow Marsh

The shown are approximate. Further field studies are necessary to confirm the actual delineation of to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: SX SD
Herbs: OS RR TL VS
Sedges/Grasses/Ferns: AF CX JT PA

Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

<table>
<thead>
<tr>
<th>Inlet</th>
<th>Type</th>
<th>Condition</th>
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<td>Overland defined.</td>
<td>Not observed.</td>
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Outflow enters: None.

Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Wet pocket filled with scatterings of Scirpus/Juncus/Phalaris/cattails.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 08/27/81

Photo Date: 05/01/80
Inventory Date: 08/27/81

WETLAND: Issaquah Creek 16

LOCATION (S,T,R): SE-NW 26, 23N, 6E

ACREAGE: 0.6

CLASSIFICATION: Fish & Wildlife Service

POW

PALMISTRY OPEN WATER

COMMUNITY PLAN AREA: Tahoma/Raven Heights
BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

COMMON NAME: Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *AR TP*

Shrubs:

Herbs: *LA NP TL*

Sedges/Grasses/Ferns: *JT*

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

**Inlet:**
- **Type:**
- **Condition:**

**Outlet:**
- **Type:** Pipe.
- **Condition:** Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Private pond.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 17

LOCATION
(S,T,R): NE-NE 34, 23N, 6E
SE-SE 27, 23N, 6E

ACREAGE: 3.7

CLASSIFICATION:
PSS1

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PM AM PQ TS TP
Shrubs: GS MD RP SD
Herbs: MT TA
Sedges/Grasses/Ferns: CA PX
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Overland defined.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Deep Sphagnum base with shrub layer composed of Spirea species.

WETLAND RATING (see Introduction for criteria): 2
WETLAND: Issaquah Creek 18

LOCATION
(S,T,R): NE-NW 35, 23N, 6E
    SE-SW 26, 23N, 6E

ACREAGE: 13.2

CLASSIFICATION:

- PSS4  : Palustrine Scrub-Shrub Needle-leaved Evergreen (Labrador Tea)
- PEM1  : Palustrine Emergent Persistent (Juncus effusus)
- PML1  : Palustrine Moss Lichen (Sphagnum)

COMMUNITY

PLAN AREA: Tahoma/Raven Heights

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TS TP
Shrubs: CS GS KO LL RP SX SD VO
Herbs: PN DR NP TL
Sedges/Grasses/Ferns: SM AF CA JE IT PA
Birds: CH SS
Mammals: BB DE CY PP
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.
Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags; perches; logs.

GENERAL OBSERVATIONS: Very well developed bog.

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80

Inventory Date: 08/31/81

Scale: 1' = 500'

**WETLAND:** Issaquah Creek 19

**LOCATION**
(S,T,R): NE-NW 35, 23N, 6E
SE-SW 35, 23N, 6E

**ACREAGE:** 7.8

**CLASSIFICATION:**
PSS1  Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
PEM1  Palustrine Emergent Persistent (Rush)

**COMMUNITY**

**PLAN AREA:** Tahoma/Raven Heights

**BASIN OR DRAINAGE:** Cedar River

**SENSITIVE AREA MAP#:** 10

**Fish & Wildlife Service**

**Common Name**

Scrub-Shrub

Shallow Marsh

---

**NOTE:** Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the *Federal Manual for Identifying and Delineating Jurisdictional Wetlands.*
OBSERVED SPECIES (refer to Appendix 1):

Trees: \textit{AR TS TP}

Shrubs: \textit{GS KO LL RP SX SD VO}

Herbs: \textit{LA OS TL}

Sedges/Grasses/Ferns: \textit{AF CA JT PX}

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Overland defined.
Condition: Partially blocked.

Outflow enters: Wetland.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Old bog. Short Plat #2866025.

WETLAND RATING (see Introduction for criteria): \textit{1 (d)}

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 20

LOCATION
(S,T,R): SW 25, 23N, 6E
NE-SW 26, 23N, 6E

ACREAGE: 25.2

CLASSIFICATION:

PFO6  Palustrine Forested Deciduous (Alder)
PFO7  Palustrine Forested Evergreen (Hemlock)

Fish & Wildlife Service

Common Name

Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *PS AR FL TS TP*

Shrubs: *OH SR AC CS GS MD RP RS SX SD VP*

Herbs: *GM LA MU OS RR TL VS*

Sedges/Grasses/Ferns: *EH AF CX JX JT PA*

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition: 

Outlet: Type: Open channel.
Condition: Not observed.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Some snags.

GENERAL OBSERVATIONS: Transmission lines cross at north end; wetland parallels Issaquah-Hobart Road.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 21

LOCATION
(S,T,R): NW-SW 32, 23N, 7E

ACREAGE: 6.0

CLASSIFICATION: Fish & Wildlife Service

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<tr>
<th>Code</th>
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<tr>
<td>PFO1</td>
<td>Palustrine Forested Broad-leaved Deciduous (Alder)</td>
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<tr>
<td>PSS1</td>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)</td>
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NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  AR
Shrubs:  SR AC CS GS LI MD RP RS SX SD VP
Herbs:  TT LA MU RR VS
Sedges/Grasses/Ferns:  GX AF
Birds:  
Mammals:  
Fish:  
Other:  

HYDROLOGY:

Inlet:  Type:  
Condition:  
Outlet:  Type:  Open channel.
Condition:  Partially blocked.
Outflow enters:  Stream.
Water movement through wetland:  No visible movement (but water moving from outlet).
Observed water quality in wetland:  

SIGNIFICANT HABITAT FEATURES:  

GENERAL OBSERVATIONS:  

WETLAND RATING (see Introduction for criteria):  2

NOTE:  Species listed are only those observed during field visits.  Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 22

LOCATION
(S,T,R): NE-NE 1, 22N, 6E
SE-SE 36, 23N, 6E

ACREAGE: 5.3

CLASSIFICATION:
- PAB4: Palustrine Aquatic Bed Floating-leaved (Pond Weed)
- PEM1: Palustrine Emergent Persistent (Cattail)

COMMUNITY PLAN AREA: Tahoma/Raven Heights

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service

Common Name
- Open Water
- Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

**Trees:** AR PT
**Shrubs:** LL SX SD VO
**Herbs:** PN MX IP NP PH PP SS TL
**Sedges/Grasses/Ferns:** CX LM PA
**Birds:** CM BT BF DD BP GB MA
**Mammals:**
**Fish:**
**Other:**

**HYDROLOGY:**

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<tbody>
<tr>
<td></td>
<td>Condition: Totally blocked.</td>
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</table>

**Outflow enters:** None.

**Water movement through wetland:** No visible movement (but water moving from outlet).

**Observed water quality in wetland:**

**SIGNIFICANT HABITAT FEATURES:**

**GENERAL OBSERVATIONS:** No outlet found; former old mill pond; pilings still present.

**WETLAND RATING** (see Introduction for criteria): 1 (b)

---

**NOTE:** Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 53

LOCATION
(S,T,R): NW-SE 21, 24N, 6E

ACREAGE: 1.2

CLASSIFICATION:
PEM1 Palustrine Emergent Persistent (Sedge)

COMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service Common Name

Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs: SX SD

Herbs: PH

Sedges/Grasses/Ferns: SM CXJE LM

Birds: GF

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Pipe (24 inch).
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Some fill in wetland; industry noise and dust surrounding site.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 55

LOCATION
(S,T,R): SW-NE 22, 23N, 6E

ACREAGE: 1.7

CLASSIFICATION:

- PFL6: Palustrine Flat Vegetated Nonpioneer (Juncus tenuiss)
- PSS1: Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service

Common Name

Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: SR CS SX SD
Herbs: MA
Sedges/Grasses/Ferns: SM CA JE JT SV
Birds: SS YT YW
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:           Type:
                Condition:
Outlet:          Type: Pipe (12 inch).
                Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 56

LOCATION
(S,T,R): NE-NE 33, 23N, 6E
SE-SE 28, 23N, 6E

ACREAGE: 18.1

CLASSIFICATION:

PSS1  
Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

PFO1  
Palustrine Forested Broad-leaved Deciduous (Oregon Ash)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM AR FL PT TS TP
Shrubs: PC AC CS GS RP SX SD
Herbs: MU OS PH TL
Sedges/Grasses/Ferns: SY SE AX CX EX PA

Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Overland undefined.
Condition: Not observed.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Partially under transmission lines.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 57

LOCATION
(S,T,R): SE-NW 26, 23N, 6E

ACREAGE: 0.7

CLASSIFICATION: Fish & Wildlife Service

POW Palustrine Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: SD
Herbs: TL
Sedges/Grasses/Ferns: IX PA
Birds: GB MA
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Private pond.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 58

LOCATION
(S,T,R): SE-SW 26, 23N, 6E

ACREAGE: 0.5

CLASSIFICATION:
PFO1

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service

Palustrine Forested Broad-leaved Deciduous (Willow)

Common Name

Forest

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TP
Shrubs: SX SD
Herbs: LA
Sedges/Grasses/Ferns:
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Overland defined.
Condition: Partially blocked.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Small wet pocket in woods.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  *AR TS TP*

Shrubs:  *OH SD VP*

Herbs:  *RD TT MU OS RR TL*

Sedges/Grasses/Ferns:  *JE SE JF SM AF EX*

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet:

Type:

Condition:

Outlet:

Type: Open channel.

Condition: Totally blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Some snags; perches; many logs.

GENERAL OBSERVATIONS: Small pond filled with many dead logs and snags from logging.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 60

LOCATION
(S,T,R): NW-SW 32, 23N, 7E
SW-NW 32, 23N, 7E

ACREAGE: 1.9

CLASSIFICATION:
PAB4 Palustrine Aquatic Bed Floating-leaved (Pond Weed)
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Common Name
Open Water
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: $AR TS TP$
Shrubs: $SR AC CS RP SX SD VP$
Herbs: $PN GB MU OS PH RR$
Sedges/Grasses/Ferns: $SE SM GX SY LM$

Birds: $RH$
Mammals: 
Fish: 
Other: 

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Pipe (18 inch).
Condition: Partially blocked.

Outflow enters: Wetland.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags; perches; logs.

GENERAL OBSERVATIONS: Small pond filled with many dead logs and snags from logging.

WETLAND RATING (see Introduction for criteria): $1 (b)$

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
**WETLAND:** Issaquah Creek 61

**LOCATION**
(S,T,R): NW-NE 29, 23N, 7E

**ACREAGE:** 1.4

**CLASSIFICATION:**
- POW: Palustrine Open Water
- PSS1: Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
- PEM1: Palustrine Emergent Persistent

**SENSITIVE AREA MAP #:** 9

**COMMUNITY**
**PLAN AREA:** Tahoma/Raven Heights

**BASIN OR**
**DRAINAGE:** Cedar River

**NOTE:** Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs:
Herbs:
Sedges/Grasses/Ferns:
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Unknown.
Condition: Unknown.

Outflow enters: Unknown.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Small pond; site not visited during 1983 inventory.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 73

LOCATION (S,T,R): NW-SE 26, 23N, 6E

ACREAGE: 13.8

CLASSIFICATION:
- PEM1: Palustrine Emergent Persistent (Juncus effusus/Carex)
- PSS5: Palustrine Scrub-Shrub Deciduous (Willow/Hardhack)
- PFO6: Palustrine Forested Deciduous (Alder/Willow/Cottonwood)

COMMUNITY PLAN AREA: Tahoma/Raven Heights

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Common Name
- Wet Meadow
- Scrub-Shrub
- Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *PT AR*
Shrubs: *RD RL SX SD CR*
Herbs: *UD SD EA CV*
Sedges/Grasses/Ferns: *CX JE PA CR PT EA*
Birds: *SS GF FL*
Mammals: 
Fish: 
Other: 

HYDROLOGY:

Inlet: 
Type: Stream.
Condition:

Outlet: 
Type: Issaquah Creek.
Condition:

Outflow enters: Stream.

Water movement through wetland: Channel flow with some movement.

Observed water quality in wetland: Water is clear.

SIGNIFICANT HABITAT FEATURES: One snag greater than 25 feet in height.

GENERAL OBSERVATIONS: This wetland is located along a riparian corridor which opens out at intervals to wet meadows dominated by Juncus effusus and Phalaris species.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 81

LOCATION
(S,T,R): E-SW 1, 22N, 6E

ACREAGE: 33.0

CLASSIFICATION:
- PEM1 Palustrine Emergent Persistent (Juncus effusus/Ranunculus/Holcus/Carex)
- PFO6 Palustrine Forested Deciduous (Alder/Willow/Cottonwood)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: $PT\ AR$

Shrubs: $RD\ RL\ SX$

Herbs: $CI\ RS$

Sedges/Grasses/Ferns: $CX\ JE\ PA\ HX\ DG$

Birds: $YT\ RS\ CQ\ BS\ AR\ SS$

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Undetermined.
Condition:

Outlet: Type: Undetermined.
Condition:

Outflow enters:

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: One snag greater than 25 feet in height.

GENERAL OBSERVATIONS: This wetland is one of several connected wetlands (Issaquah Creek 81, 102, 103, and 104) that are separated by pasture. The site has been ditched. It is predominantly Alder, Cottonwood, and Willow species.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 85

LOCATION
(S,T,R): 7, 22N, 7E

ACREAGE: 28.0

CLASSIFICATION:

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<td>Palustrine Forested (Alder/Western Red Cedar)</td>
<td>Forested</td>
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<td>PSS5</td>
<td>Palustrine Scrub-Shrub Deciduous (Salmonberry/Vine Maple)</td>
<td>Scrub-Shrub</td>
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<tr>
<td>PEM</td>
<td>Palustrine Emergent (Alopecurus/Athyrium)</td>
<td>Meadow</td>
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NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM AR TP
Shrubs: AC RS RZ CC
Herbs: TM VA MN
Sedges/Grasses/Ferns: AF CX MU AX BD
Birds: YS RS GF
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Stream.
Condition:
Outlet: Type: Gem Creek.
Condition:
Outflow enters: Undetermined.
Water movement through wetland: Channel flow with some movement.
Observed water quality in wetland: Water is clear.

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This is a forested wetland with two intermittent streams running through the site. Vegetation is mostly Cedar and Alder species. The edges have been highly modified resulting in an emergent meadow dominated by invasive species.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
**WETLAND:** Issaquah Creek 99

**LOCATION**

(S,T,R): NW-SE 26, 23N, 6E

**ACREAGE:** 1.4

**CLASSIFICATION:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Community</th>
<th>Common Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEM1</td>
<td>Palustrine Emergent Persistent (Juncus effusus/Carex)</td>
<td>Wet Meadow</td>
</tr>
<tr>
<td>PSS5</td>
<td>Palustrine Scrub-Shrub Deciduous (Willow/Hardhack)</td>
<td>Scrub-Shrub</td>
</tr>
</tbody>
</table>

**NOTE:** Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the *Federal Manual for Identifying and Delineating Jurisdictional Wetlands.*
OBSERVED SPECIES (refer to Appendix 1):

Trees: *PT AR*

Shrubs: *RD RL SX SD CR*

Herbs: *UD SD EA CV*

Sedges/Grasses/Ferns: *CX JE PA CR PT EA*

Birds: *SS GF FL*

Mammals: 

Fish: 

Other: 

HYDROLOGY:

Inlet: Type: Stream.
Condition: 

Outlet: Type: Open channel.
Condition: 

Outflow enters: 

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This wetland is part of a riparian corridor which includes Issaquah Creek 73, 99, 100, and 101.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 100

LOCATION
(S,T,R): NW-SE 26, 23N, 6E

ACREAGE: 1.7

CLASSIFICATION:
PEM1 Palustrine Emergent Persistent (Juncus/Carex)
PSS5 Palustrine Scrub-Shrub Deciduous (Willow/Hardhack)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights
BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: \textit{PT AR}

Shrubs: \textit{RD RL SX SD CR}

Herbs: \textit{UD SD EA CV}

Sedges/Grasses/Ferns: \textit{CX JE PA CR PT EA}

Birds: \textit{SS GF FL}

Mammals:

Fish:

Other:

HYDROLOGY:

\begin{itemize}
\item \textbf{Inlet:} Type: Stream.
\item \textbf{Condition:}
\item \textbf{Outlet:} Type: Open channel.
\item \textbf{Condition:}
\end{itemize}

Outflow enters:

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This wetland is part of a riparian corridor which includes Issaquah Creek 73, 99, 100, and 101.

WETLAND RATING (see Introduction for criteria): 2

\textbf{NOTE:} Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 7/22/89

Inventory Date: 6/20/90

Scale: 1" = 200'

WETLAND: Issaquah Creek 101

COMMUNITY PLAN AREA: Tahoma/Raven Heights

LOCATION (S,T,R): NW-SE 26, 23N, 6E

BASIN OR DRAINAGE: Cedar River

ACREAGE: 0.7

SENSITIVE AREA MAP#: 10

CLASSIFICATION: Fish & Wildlife Service

Common Name

PEM1 Palustrine Emergent Persistent (Juncus/Carex) Wet Meadow

PSS5 Palustrine Scrub-Shrub Deciduous (Willow/Hardhack) Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PT AR
Shrubs: RD RL SX SD CR
Herbs: UD SD EA LV
Sedges/Grasses/Ferns: LX JE PA CR PT EA
Birds: SS GF FL
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Stream.
Condition:
Outlet: Type: Open channel.
Condition:
Outflow enters:
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This wetland is part of a riparian corridor which opens out at intervals to wet meadows. The meadows are predominantly Juncus effusus and Phalaris species.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 102

LOCATION (S,T,R): 1, 22N, 6E

ACREAGE: 8.0

CLASSIFICATION:
- PEM1: Palustrine Emergent Persistent (Juncus effusus/Ranunculus/Holcus/Carex)
- PSS5: Palustrine Scrub-Shrub Deciduous (Willow/Hardhack)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *PT AR*

Shrubs: *RD RL SX*

Herbs: *CI RS*

Sedges/Grasses/Ferns: *CX JE PA HX DG CT*

Birds: *YT RS CQ BS AR SS*

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Undetermined.

Condition:

Outlet: Type: Undetermined.

Condition:

Outflow enters:

Water movement Through Wetland:

Observed Water Quality In Wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This is one of a group of connected wetlands (Issaquah Creek 81, 102, 103, and 104) which are separated by pasture. The site has been ditched. It is predominantly Alder, Cottonwood, and Willow species.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
**WETLAND:** Issaquah Creek 103

**LOCATION**
(S,T,R): 1, 22N, 6E

**ACREAGE:** 1.5

**CLASSIFICATION:** Fish & Wildlife Service
PSS5
Palustrine Scrub-Shrub
Deciduous (Willow/Hardhack)

**COMMUNITY**

**PLAN AREA:** Tahoma Raven Heights

**SENSITIVE AREA MAP #:** 10

**BASIN OR DRAINAGE:** Cedar River

**Scale:** 1" = 200'

**NOTE:** Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the *Federal Manual for Identifying and Delineating Jurisdictional Wetlands*. 
OBSERVED SPECIES (refer to Appendix 1):

Trees: PT AR
Shrubs: RD RL SX
Herbs: CI RS
Sedges/Grasses/Ferns: CX JE PA HX DG
Birds: YT RS CQ BS AR SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Undetermined.
Condition:

Outlet: Type: Undetermined.
Condition:

Outflow enters:

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This is one of a group of connected wetlands (Issaquah Creek 81, 102, 103, and 104) which are separated by pasture. The site is ditched. It is predominantly Alder, Willow, and Cottonwood species.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Issaquah Creek 104

LOCATION
(S,T,R): 1, 22N, 6E

ACREAGE: 5.0

CLASSIFICATION: PFO6

COMMUNITY PLAN AREA: Tahoma Raven/Heights

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service

Palustrine Forested Deciduous (Alder/Willow/Cottonwood)

Common Name

Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *PT AR*

Shrubs: *RD RL SX*

Herbs: *CI RS*

Sedges/Grasses/Ferns: *CX JE PA HX DG*

Birds: *YT RS CQ BS AR SS*

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Undetermined.

Condition:

Outlet: Type: Undetermined.

Condition:

Outflow enters:

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This is one of a group of connected wetlands (Issaquah Creek 81, 102, 103, and 104) which are separated by pasture. The sited has been ditched. It is predominantly Alder, Willow, and Cottonwood species.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 06/24/81

WETLAND: Jenkins Creek 1

LOCATION
(S,T,R): SE-SW 8, 22N, 6E
SE-SW 8, 22N, 6E

ACREAGE: 1.7

CLASSIFICATION:
PEM3

Fish & Wildlife Service
Palustrine Emergent Narrow-leaved Nonpersistent (Juncus)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Common Name
Deep Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: 
Shrubs: *LI*
Herbs: *PN PH RR UM VA*
Sedges/Grasses/Ferns: *JB CA JT LM*
Birds: *GB MA AR SS*
Mammals: 
Fish: 
Other: *BF DF*

HYDROLOGY:

Inlet: 
Type: 
Condition: 
Outlet: 
Type: Open channel. 
Condition: Partially blocked. 

Outflow enters: Stream. 

Water movement through wetland: 

Observed water quality in wetland: 

SIGNIFICANT HABITAT FEATURES: 

GENERAL OBSERVATIONS: Agricultural runoff from adjacent pasture. 

WETLAND RATING (see Introduction for criteria): 2 

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 2

LOCATION
(S,T,R): NW-SW 8, 22N, 6E
NW-SE 8, 22N, 6E

ACREAGE: 4.0

CLASSIFICATION:
POW
PFO1

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Palustrine Open Water
Palustrine Forested Broad-leaved Deciduous (Alder/Aspen)

Common Name
Open Water
Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT
Shrubs: MD RP RS SX SD
Herbs: RD NP
Sedges/Grasses/Ferns: JT PA
Birds: HM MA CQ BS RB AR ST SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Pipe, 
Condition: Totally blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Many snags and floating logs in eastern arm of wetland.

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80

Inventory Date: 06/25/81

Scale: 1" = 500'

WETLAND: Jenkins Creek 3

LOCATION
(S,T,R): NE 17, 22N, 6E
NE-NW 17, 22N, 6E

ACREAGE: 19.3

CLASSIFICATION:

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<tr>
<th>Code</th>
<th>Common Name</th>
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<tbody>
<tr>
<td>PSS1</td>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)</td>
</tr>
<tr>
<td>PFO1</td>
<td>Palustrine Forested Broad-leaved Deciduous (Oregon Ash)</td>
</tr>
</tbody>
</table>

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  *PS AR FL PT PQ TS TP*

Shrubs:  *AC GS KO LL LI MD RP RS SX SD VP*

Herbs:  *GB LA MU NP OS TA TL VS*

Sedges/Grasses/Ferns:  *JF AF CO JT LM PA PX*

Birds:  *GB MA RH VS BS RB AR ST SS YW WW*

Mammals:  *RF CY AP*

Fish:

Other:

HYDROLOGY:

Inlet:  
Type:  
Condition:  

Outlet:  
Type:  Open channel.  
Condition:  Partially blocked.  

Outflow enters:  Stream.  

Water movement through wetland:  No visible movement (but water moving from outlet).  

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags; perches. Large stand of mature Oregon Ash. Portion of wetland is an old bog.

GENERAL OBSERVATIONS: Spruce/Hemlock/Cedar species in old bog portion of wetland. Short plats are pending on this wetland. Both owners have said they would like to dredge and create a lake.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 4

LOCATION
(S,T,R): SE-NE 17, 22N, 6E

ACREAGE: 1.0

CLASSIFICATION: Fish & Wildlife Service
PEMS5

COMMUNITY
PLAN AREA: Tahoma/Raven Heights
BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Common Name
Palustrine Emergent Narrow-leaved Persistent (Sedge)

Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  AR PT TP
Shrubs:  CS RS
Herbs:  OS PH TL VS
Sedges/Grasses/Ferns:  GX AF CA CX JT SX
Birds:  AR ST SS YW
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:  Type:  
Condition:
Outlet:  Type: Pipe.
Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:  10/30/85: Proposed Short Plat #885040.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 5

LOCATION
(S,T,R): NE-NW 17, 22N, 6E
SE-NW 17, 22N, 6E

ACREAGE: 2.2

CLASSIFICATION: Fish & Wildlife Service
POW Palustrine Open Water
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Common Name
Open Water
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  AR PT TS
Shrubs:  RT CS RS SD VP
Herbs:  MX LA PH VS
Sedges/Grasses/Ferns:  SE GX AF
Birds:  GB AR ST SS WW
Mammals:  
Fish:  
Other:  BF DF

HYDROLOGY:

Inlet:  Type:
Condition:
Outlet:  Type:  Pipe.
Condition:  Partially blocked.
Outflow enters:  Stream.
Water movement through wetland:  No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:  Some contamination from pasture runoff.

WETLAND RATING (see Introduction for criteria):  2

NOTE:  Species listed are only those observed during field visits.  Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 6

LOCATION
(S,T,R): SE-NW 17, 22N, 6E

ACREAGE: 0.3

CLASSIFICATION: Fish & Wildlife Service

PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
PSEM5 Palustrine Emergent Narrow-leaved Persistent (Cattail)

COMMENTS

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: SX SD
Herbs: PH RR TL
Sedges/Grasses/Ferns: JE
Birds: GB VS RB AR ST SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Overland defined.
Condition: Partially blocked.
Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Some contamination from pasture runoff.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80

Inventory Date: 06/25/81

Scale: 1" = 200'

WETLAND: Jenkins Creek 7

LOCATION
(S,T,R): SE-NE 17, 22N, 6E

ACREAGE: 2.3

CLASSIFICATION:

Fish & Wildlife Service

PEM5

Palustrine Emergent Narrow-leaved Persistent (Cattail)

COMMUNITY

PLAN AREA: Tahoma/Raven Heights

BASIN OR

DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Common Name

Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  *AR PT*

Shrubs:  *RS SX SD*

Herbs:  *PN OS PH TL VS*

Sedges/Grasses/Ferns:  *SE JF JT LM PA*

Birds:  *MA BS RB AR MW SS YT*

Mammals:  

Fish:  

Other:  

HYDROLOGY:

Inlet:  

Type:  

Condition:  

Outlet:  

Type:  Pipe.

Condition:  Open.

Outflow enters:  Stream.

Water movement through wetland:  No visible movement (but water moving from outlet).

Observed water quality in wetland:  

SIGNIFICANT HABITAT FEATURES:  

GENERAL OBSERVATIONS:  Wetland receives some runoff from pastures and roads.

WETLAND RATING (see Introduction for criteria):  2

NOTE:  Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 10

LOCATION (S,T,R): NW-SE 17, 22N, 6E

ACREAGE: 2.0

CLASSIFICATION: PEM2

COMMUNITY PLAN AREA: Tahoma/Raven Heights

BASIN OR DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service

Palustrine Emergent

Nonpersistent

Common Name

Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  \( AR \)
Shrubs:  \( SX \ SD \)
Herbs:  \( RR \ TL \ VS \)
Sedges/Grasses/Ferns:  \( JF \ CX \ CO \ LM \ PA \ PX \)
Birds:  \( BF \ MA \ TS \ BS \ RB \ AR \ MW \ SS \)
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:  Type:
Condition:
Outlet:  Type: Pipe.
Condition: Partially blocked.
Outflow enters: Stream.
Water movement through wetland: No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80

Inventory Date: 06/25/81

N

Scale: 1" = 200'

WETLAND: Jenkins Creek 11

COMMUNITY

PLAN AREA: Tahoma/Raven Heights

LOCATION

(S,T,R): NW-SE 17, 22N, 6E

BASIN OR

DRAINAGE: Green River

ACREAGE: 0.5

SENSITIVE AREA MAP#: 10

CLASSIFICATION:

Fish & Wildlife Service

Common Name

PFO1

Palustrine Forested Broad-leaved Deciduous (Willow)

Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *AR PT*
Shrubs: *RP RS SX SD*
Herbs: *GM*
Sedges/Grasses/Ferns: *JT*
Birds: *RB*
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 

Condition:

Outlet: Type: None.

Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Drainages may have been blocked by installation of natural gas line.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 12

LOCATION
(S, T, R): SE-SE 17, 22N, 6E

ACREAGE: 0.7

CLASSIFICATION:
PAB2
Palustrine Aquatic Bed
Submergent Vascular (Marsh Pepper)
PSS1
Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Common Name

Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *AR PT*

Shrubs: *MD SX SD*

Herbs: *PH RR*

Sedges/Grasses/Ferns: *SE CX EX JX LM*

Birds: *BS SS RS*

Mammals:

Fish:

Other:

HYDROLOGY:

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<tr>
<th>Inlet</th>
<th>Type:</th>
</tr>
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<tbody>
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<table>
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</thead>
<tbody>
<tr>
<td></td>
<td>Condition: Partially blocked.</td>
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</tbody>
</table>

Outflow enters: *Stream.*

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Runoff from a horse pasture enters the wetland.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 13

LOCATION
(S,T,R): SE-NE 20, 22N, 6E

ACREAGE: 0.9

CLASSIFICATION: Fish & Wildlife Service

POW

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AMAR
Shrubs: SX
Herbs:
Sedges/Grasses/Ferns:
Birds: ARST
Mammals:
Fish:
Other: DF

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Pipe. 
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Heavy algae growths. Outlet controlled by a weir.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 07/07/81

WETLAND: Jenkins Creek 15

LOCATION
(S,T,R): E 19, 22N, 6E
19, 22N, 6E

ACREAGE: 29.0

CLASSIFICATION:

PFO1
Palustrine Forested Broad-leaved Deciduous (Alder/Vine Maple)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Common Name

Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  *PS AR FL*

Shrubs:  *AC RP RS SX SD*

Herbs:  *SZ MX CD LA OS PH VS*

Sedges/Grasses/Ferns:  *SM AF CX JE LM*

Birds:  *KF RG TS BS AR YW*

Mammals:  

Fish:  

Other:  

HYDROLOGY:

Inlet:  
Type:  
Condition:  

Outlet:  
Type:  Pipe.
Condition:  Open.

Outflow enters:  Wetland.

Water movement through wetland:  No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:  This wetland is larger than inventoried in 1981. It extends farther to the southwest along the creek towards Jenkins Creek 16. Refer to the wetland studies done by the Washington State Department of Transportation for the SR18 widening EIS.

WETLAND RATING (see Introduction for criteria):  2

NOTE:  Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 16

LOCATION
(S,T,R): NW-NW 30, 22N, 6E

ACREAGE: 6.3

CLASSIFICATION: PEM5
Palustrine Emergent Narrow-leaved Persistent (Juncus effusus/Foxtail Grass)

PFO1
Palustrine Forested Broad-leaved Deciduous (Red Alder/Black Cottonwood)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Common Name

Shallow Marsh

Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR

Shrubs: PC AC CS MD RP SX SD

Herbs: LA MU OS RR VS

Sedges/Grasses/Ferns: AX CX JE LM PA

Birds: SS

Mammals: RA CT SW

Fish:

Other:

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<td>Condition:</td>
</tr>
<tr>
<td>Outflow enters:</td>
</tr>
<tr>
<td>Stream.</td>
</tr>
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</table>

Water movement through wetland: Visible movement of water through wetland.

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous perches and fallen logs.

GENERAL OBSERVATIONS: Some road noise from Highway 18. Fast water is toppling trees in wooded area. Emergent portion was grazed in the past.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 17

LOCATION
(S,T,R): SE-SE 19, 22N, 6E
NE-NE 30, 22N, 6E

ACREAGE: 17.5

CLASSIFICATION:
- PSS1: Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
- PFO5: Palustrine Forested Dead
- PEM5: Palustrine Emergent Narrow-leaved Persistent (Cattail)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights
BASIN OR DRAINAGE: Green River
SENSITIVE AREA MAP#: 10

Fish & Wildlife Service

Common Name
- Bog
- Forested
- Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):
Trees: *PCAR*
Shrubs: *KOLL RS SX SD VO*
Herbs: *EF MT NP TL VS*
Sedges/Grasses/Ferns: *CA CX JT LM PX*
Birds: *RD GB TS BS RB AR ST MW SS RS*
Mammals:
Fish:
Other:

HYDROLOGY:
Inlet: Type:
Condition:
Outlet: Type: None.
Condition: Not observed.
Outflow enters: None.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Bog surrounded by operating gravel pit. Excavation on south side to peaty area. North side open water being used as settling pond for gravel washing - very murkey. Wetland 50 percent destroyed by gravel pit as of 6/87 WSDOT color aerial 1987 photograph. Gravel pit operation with permits that predate the Sensitive Areas Ordinance.

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 06/29/81

WETLAND: Jenkins Creek 19

LOCATION
(S,T,R): NW-SE 21, 22N, 6E
NE-SE 21, 22N, 6E

ACREAGE: 10.0

CLASSIFICATION: PEM5
Fish & Wildlife Service Common Name

Palustrine Emergent Narrow-leaved Persistent
Shallow Marsh

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 10
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  *PM AR PT*
Shrubs:  *RX RS SX SD*
Herbs:  *IP RR SS TL*
Sedges/Grasses/Ferns:  *AF CX JT LM PA*
Birds:  *RU TS*
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:  Type:  
Condition:
Outlet:  Type:  Pipe.  
Condition:  Open.

Outflow enters:  Pipe.

Water movement through wetland:  No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:  Wet meadow separated from stream by low dike. May flood periodically.

WETLAND RATING (see Introduction for criteria):  2

NOTE:  Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *AR PT*
Shrubs: *RS SX SD*
Herbs:
Sedges/Grasses/Ferns: *JF AX CA CX CO EX JT*
Birds: *TS BS ST SS*
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:  
Type:  
Condition:

Outlet:  
Type: Open channel.  
Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Some highway noise. Extensive fill on south end of wetland. Ditching on both sides of wet area; but still quite wet.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80

Inventory Date: 06/30/81

Scale: 1" = 1000'

WETLAND: Jenkins Creek 22

LOCATION
(S,T,R): E 29, 22N, 6E
W 28, 22N, 6E

ACREAGE: 51.0

CLASSIFICATION: L10W

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Lacustrine Limnetic Open Water
Open Water

Common Name

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR FL TP
Shrubs: RX SX
Herbs: IP NO TL
Sedges/Grasses/Ferns: JT PA
Birds: MA
Mammals:
Fish: B NG
Other:

HYDROLOGY:

Inlet: Type:
   Condition:
Outlet: Type: Open channel.
   Condition: Open.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Unconfirmed Bald Eagle (BE) use of lake shoreline. Buffer requirement should be increased if Bald Eagle use is confirmed - refer to Appendix 2.

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 23

LOCATION
(S,T,R): NW-SW 30, 22N, 6E
NE-SW 30, 22N, 6E

ACREAGE: 4.5

CLASSIFICATION: PAB2
Palustrine Aquatic Bed
Submergent Vascular (Water Milfoil)

PFO1
Palustrine Forested Broad-leaved Deciduous (Cottonwood)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR FL PT
Shrubs: RX SW RP SD
Herbs: VC LA
Sedges/Grasses/Ferns: EX LM
Birds: GH MA VS BS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 24

LOCATION
(S,T,R): NW-NW 31, 22N, 6E

ACREAGE: 1.0

CLASSIFICATION: Fish & Wildlife Service

POW

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

SPECIAL INTEREST: Palustrine Open Water

Common Name

Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs:
Herbs: *PN VS*
Sedges/Grasses/Ferns: *JX*
Birds: *VS BS*
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:  
*Type:*
*Condition:*
Outlet:  
*Type: Pipe.*
*Condition: Open.*

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:  
Artificially dug pond; concrete shorelines; overflow outlet; spring fed.

WETLAND RATING (see Introduction for criteria): 3

NOTE:  
Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 25

LOCATION
(S,T,R): NE 36, 22N, 5E
W 36, 22N, 5E

ACREAGE: 65.0

CLASSIFICATION:

Fish & Wildlife Service

Common Name

PFO1
Palustrine Forested Broad-leaved Deciduous (Red Alder)
Forrested

PFO4
Palustrine Forested Needle-leaved Evergreen (Hemlock)
Forrested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TS TP
Shrubs: PC OH SR RS
Herbs: TF GM LA MU OS PV RR SD
Sedges/Grasses/Ferns: EH AF PX
Birds: PW AR SS
Mammals: RA SW
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Open.

Outflow enters: Stream.

Water movement through wetland: Visible movement of water through wetland.
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 26

LOCATION 
(S,T,R): SE-SW 36, 22N, 5E

ACREAGE: 0.3

CLASSIFICATION: PEM5
Palustrine Emergent Narrow-leaved Persistent (Cattail)

PAB4
Palustrine Aquatic Bed Floating-leaved (Pacific Silverwood)

PSS1
Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)

COMUNITY PLAN AREA: Soos Creek

BASIN OR DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service

Common Name
Deep Marsh
Open Water
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *AM AR*
Shrubs: *SX*
Herbs: *PN TL*
Sedges/Grasses/Ferns: *JE LM*
Birds: *RB*
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Pipe.
Condition: Partially blocked.
Outflow enters: Pipe.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Very small pond surrounded by high cyclone fence in the middle of a trailer park.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 07/08/81

WETLAND: Jenkins Creek 27

LOCATION
(S,T,R): NE-NW 32, 22N, 6E
SE-NW 32, 22N, 6E

ACREAGE: 75.0

CLASSIFICATION:

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<td>PFO1</td>
<td>Palustrine Forested Broad-leaved Deciduous (Red Alder)</td>
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<tr>
<td>PFO4</td>
<td>Palustrine Forested Needle-leaved Evergreen (Western Red Cedar/Hemlock)</td>
</tr>
<tr>
<td>PSS3</td>
<td>Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)</td>
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<tr>
<td>PSS1</td>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)</td>
</tr>
</tbody>
</table>

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TS TP
Shrubs: AC CS GS KO LL RP RS SX SD VO
Herbs: DR LA MU OS RR TL VA VS
Sedges/Grasses/Ferns: EC AF CX JX LM SF SX
Birds: AR ST SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
       Condition:
Outlet: Type: Open channel.
       Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Stream flows through wetland. 10/28/85: Short Plat #1085016 proposed.

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 28

LOCATION
(S,T,R): NE 33, 22N, 6E
SE-SE 28, 22N, 6E

ACREAGE: 31.0

CLASSIFICATION: Palustrine Forested Broad-leaved Deciduous (Red Alder)
PFO1 Palustrine Forested Needle-leaved Evergreen (Western Red Cedar)
PFO4 Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow/Hardhack)
PSS1 Palustrine Emergent Narrow-leaved Persistent (Sedges)
PEM5

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):
Trees: PS AR TS TP
Shrubs: OH AC MD RS SX SD
Herbs: OS TL
Sedges/Grasses/Ferns: JA JO CX JE JX
Birds: PW RH VS BS ST SS GF RS
Mammals: JM
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Pipe.
Condition: Open.
Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: West edge filled for trailer park. Some debris. North end has been excavated so there is a small area of open water. This wetland is being studied as part of the Puget Sound Wetlands and Stormwater Management Research Program.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 51

LOCATION
(S,T,R): NE-SW 8, 22N, 6E
SE-SW 8, 22N, 6E

ACREAGE: 1.0

CLASSIFICATION: PAB4

COMMUNITY
PLAN AREA: Tahoma/Raven Heights
BASIN OR DRAINAGE: Green River
SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Palustrine Aquatic Bed Floating-leaved (Yellow Pond Lily)

Common Name
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs:
Herbs: PN NP
Sedges/Grasses/Ferns: SE AX CX JT
Birds: MA ST SS
Mammals:
Fish:
Other: BF

HYDROLOGY:

Inlet: Type: Condition:
Outlet: Type: Overland defined.
        Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Some runoff from cattle pasture.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 52

LOCATION
(S,T,R): NE 17, 22N, 6E

ACREAGE: 6.2

CLASSIFICATION:
PFO1

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Palustrine Forested Broad-leaved
Deciduous (Red Alder)  Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  *AR FL PT PQ*

Shrubs:  *AC GS MD RP RS SX SD VP*

Herbs:  *LA MU OS TL VS*

Sedges/Grasses/Ferns:  *AF JT LM PA PX*

Birds:  *MA BS RB AR ST SS YW WW GF*

Mammals:  

Fish:  

Other:  

HYDROLOGY:

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<th>Condition:</th>
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<td></td>
<td>Overland undefined.</td>
<td>Partially blocked.</td>
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Outflow enters: Wetland.

Water movement through wetland: Visible movement of water through wetland.

Observed water quality in wetland:  

SIGNIFICANT HABITAT FEATURES: Many snags and perches.

GENERAL OBSERVATIONS: Some fill for roadways has occurred. Short plat pending.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 53

LOCATION
(S,T,R): SE-SE 21, 22N, 6E
NE-NE 28, 22N, 6E

ACREAGE: 6.5

CLASSIFICATION:

<table>
<thead>
<tr>
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<th>Common Name</th>
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<tr>
<td>PFO1 Palustrine Forested Broad-leaved Deciduous (Willow)</td>
<td>Forested</td>
</tr>
<tr>
<td>PFO4 Palustrine Forested Needle-leaved Evergreen (Western Red Cedar)</td>
<td>Forested</td>
</tr>
<tr>
<td>PSS3 Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)</td>
<td>Bog</td>
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</table>

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TS TP
Shrubs: SA RT AC GS LL RP RS SX SD
Herbs: MURR TL VS
Sedges/Grasses/Ferns: AF CA PX
Birds: RU AR ST YT
Mammals: AP
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Pipe.
Condition: Open.
Outflow enters: Wetland.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 54

LOCATION
(S,T,R): SW-SW 22, 22N, 6E
NW-SW 22, 22N, 6E

ACREAGE: 64.7

CLASSIFICATION: Fish & Wildlife Service
L1OW Lacustrine Limnetic Open Water

COMMUNITY PLAN AREA: Tahoma/Raven Heights
BASIN OR DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service Common Name
Lacustrine Limnetic Open Water Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs: SX
Herbs: IP RR TL
Sedges/Grasses/Ferns:
Birds: MA TS BS RB AR ST SS
Mammals:
Fish: B
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Pipe.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:


WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 07/07/81

WETLAND: Jenkins Creek 55

LOCATION
(S,T,R): SE-SW 30, 22N, 6E

ACREAGE: 1.5

CLASSIFICATION:

Fish & Wildlife Service

PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Vine Maple)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: SR OC AC
Herbs: ST LA MU
Sedges/Grasses/Ferns: AF
Birds: AR
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:

Outlet: Type: None.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland: Visible movement of water through wetland.

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Large spring feed wetland at south end; sinks back into ground at north end. Development occurring on western edge.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 56

LOCATION
(S,T,R): SW 20, 22N, 6E
NW-SE 20, 22N, 6E

ACREAGE: 43.5

CLASSIFICATION: Palustrine Forested Broad-leaved
Deciduous (Red Alder/Willow)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TS TP
Shrubs: AC CS MD RP RS SX SD VP
Herbs: NE MT GM LA MU OS RR TL
Sedges/Grasses/Ferns: AF CO JT LM PA
Birds: BF GB RB AR ST SS YW WW
Mammals: AP BO
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Pipe.
Condition: Open.

Outflow enters: Wetland.

Water movement through wetland: Visible movement of water through wetland.

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags and perches.


WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 63

LOCATION
(S,T,R): NW-NW 18, 22N, 6E

ACREAGE: 7.5

CLASSIFICATION:
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
PUB3 Palustrine Unconsolidated Bottom Mud

COMMUNITY PLAN AREA: Soos Creek

BASIN OR DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service

Common Name

Scrub-Shrub

Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TS
Shrubs: SR SX SD
Herbs: PH
Sedges/Grasses/Ferns: SE SM JE PA
Birds: GB MA VS BS AR SS YT
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
    Condition:
Outlet: Type: Overland defined.
    Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Dike constructed across wetland. Water murky from upstream erosion and pig lot runoff.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 64

LOCATION
(S,T,R): NW-SE 18, 22N, 6E

ACREAGE: 0.5

CLASSIFICATION: Fish & Wildlife Service

POW: Palustrine Open Water

COMMUNITY PLAN AREA: Soos Creek

BASIN OR DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Common Name

Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: SX SD
Herbs: IP TL
Sedges/Grasses/Ferns: CX JX LM
Birds: MAB S
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: None.
Condition: Not observed.
Outflow enters: None.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 65

LOCATION
(S,T,R): SE-NE 18, 22N, 6E

ACREAGE: 1.5

CLASSIFICATION: Fish & Wildlife Service

POW: Palustrine Open Water

COMMUNITY
PLAN AREA: Soos Creek

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Common Name

Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *AR PT*
Shrubs: *SX SD*

Herbs:
Sedges/Grasses/Ferns: *CX JX LM PA*

Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: 
Type:
Condition:

Outlet: 
Type: Open channel,
Condition: Partially blocked.

Outflow enters: Stream.
Water movement through wetland: No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Private pond. Loads equipped to raise trout.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 66

LOCATION
(S,T,R): NE-SW 7, 22N, 6E
SE 7, 22N, 6E

ACREAGE: 83.0

CLASSIFICATION:
PSS3
Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)
PSS1
Palustrine Scrub-Shrub Broad-leaved Deciduous (Wild Crabapple)
L1UB
Lacustrine Limnetic Unconsolidated Bottom Mud/Organic

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TS TP
Shrubs: CS KO LL MD RP RS SX SD VO
Herbs: HF GM IP NP NO PP TA TL
Sedges/Grasses/Ferns: SM AF CX CO JE JX PA PX
Birds: GB CG MA RH CO VS TS BS RB AR ST CO SS YT YW
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.
Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags; perches; logs.

GENERAL OBSERVATIONS: Houses on shoreline (east and north) possible septic tank problems.
Road construction on peat mat on west side. Heavy litter problem near road.

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 72

LOCATION
(S,T,R): SW-NW 31, 22N, 6E

ACREAGE: 5.5

CLASSIFICATION:
- PSS5: Palustrine Scrub-Shrub Deciduous (Willow)
- POW: Palustrine Open Water

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Common Name
- Palustrine Scrub-Shrub Deciduous (Willow)
- Palustrine Open Water
- Scrub-Shrub
- Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PT AR
Shrubs: SX
Herbs: PP VA TL
Sedges/Grasses/Ferns:
Birds: CG VE
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: None.
Condition:
Outflow enters:
Water movement through wetland: Standing flow.
Observed water quality in wetland: Water color is clear brown due to organic acids.

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This is a pond (probably human-made) with scrub-shrub (Willow) species on one edge and lawn on the other.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 73

LOCATION
(S,T,R): SW-NW 31, 22N, 6E

ACREAGE: 2.0

CLASSIFICATION: Fish & Wildlife Service
POW: Palustrine Open Water

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

COMMON NAME

Fish & Wildlife Service

Palustrine Open Water

Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs:
Herbs:
Sedges/Grasses/Ferns:
Birds: CG
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Condition:
Outlet: Type: None. Condition:

Outflow enters:

Water movement through wetland: Standing flow.
Observed water quality in wetland: Water is clear brown due to algae.

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This is a human-made pond with bare edges which have been seeded. It is a highly disturbed site.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 83

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

LOCATION
(S,T,R): NE-NW 19, 22N, 6E

BASIN OR
DRAINAGE: Green River

ACREAGE: 25.6

SENSITIVE AREA MAP#: 10

CLASSIFICATION: Palustrine Forested Deciduous (Alder/Willow/Cottonwood)

Fish & Wildlife Service

Common Name

Forest

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  PT AR PS
Shrubs:  CS LI RP RD RL RU SR VP BN GS PY RZ RS SX SD
Herbs:  EW OS RR UD
Sedges/Grasses/Ferns:  PA GA
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:  Type: Wetland/stream.
Condition:
Outlet:  Type: Overland defined.
Condition: Open.
Outflow enters:  Stream.
Water movement through wetland:  Channel flow with some movement.
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:  Numerous snags of all sizes.

GENERAL OBSERVATIONS:  This is an old forested and Willow/Scrub wetland which has formed along the drainage of a creek. It is relatively non-urbanized. There are several snags.

WETLAND RATING (see Introduction for criteria):  2

NOTE:  Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Jenkins Creek 84

LOCATION
(S,T,R): NW-SE 18, 22N, 6E

ACREAGE: 17.0

CLASSIFICATION:

<table>
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<tr>
<td>PFO5</td>
<td>Palustrine Scrub-Shrub Deciduous (Willow/Hardhack)</td>
<td>Scrub-Shrub</td>
</tr>
<tr>
<td>PFO6</td>
<td>Palustrine Forested Deciduous (Alder/Crabapple/Cascara)</td>
<td>Forested</td>
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</tbody>
</table>

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: FL PT TS AR PS PM TP
Shrubs: CS RP RU SR VP GS OC PY RZ RS SX SD
Herbs: EW OS RR TM LA
Sedges/Grasses/Ferns: AF CX JE CT GX LP SM
Birds: YT WS VT
Mammals: AP DS SM
Fish:
Other: GF

HYDROLOGY:

Inlet: Type: Seep - stream.
Condition:
Outlet: Type: Overland defined - open channel.
Condition:

Outflow enters: Stream.

Water movement through wetland: Channel flow with some movement.

Observed water quality in wetland: Water color is clear brown with algal scum on vegetation above water level indicates water fluctuations.

SIGNIFICANT HABITAT FEATURES: Several snags less than 18 inches in diameter - logs.

GENERAL OBSERVATIONS: This is a Crabapple, Cascara, and Willow wetland adjacent to a stream channel. There is debris on the edges of the site however the wetland is relatively undisturbed. Some large patches of sedge were observed.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
King County

WETLANDS INVENTORY

Volume 2 East 1990

May Creek
WETLAND: May Creek 1

LOCATION
(S,T,R): NW-SE 1, 23N, 6E
         SW-SE 1, 23N, 6E

ACREAGE: 61.0

CLASSIFICATION: L1OW L2AB4 PSS1

Fish & Wildlife Service

Lacustrine Limnetic Open Water
Lacustrine Littoral Aquatic Bed
Submergent Vascular (White Pond Lily)
Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

Common Name
Open Water
Open Water
Scrub-Shrub

COMMUNITY
PLAN AREA: Newcastle

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TP
Shrubs: SX SD
Herbs: BS NO PH PP TL UM VA VS
Sedges/Grasses/Ferns: SE CX IX
Birds: PG GB MA VS BS AR ST SS YW
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Bald Eagle (BE) (Wintering/Transit) habitat - refer to Appendix 2. Breeding Pied-billed Grebes.

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 1 (a)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: May Creek 2

LOCATION
(S,T,R): NW-NW 13, 23N, 5E

ACREAGE: 11.0

CLASSIFICATION:
POW
PSS1
PEM5

COMMUNITY
PLAN AREA: Newcastle

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service
Palustrine Open Water
Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
Palustrine Emergent Narrow-leaved Persistent (Reed Canary Grass)

Common Name
Open Water
Scrub-Shrub
Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  AR PT PQ

Shrubs:  AC RS SX SD

Herbs:  LA TL VS

Sedges/Grasses/Ferns:  EN AF JE JX LM PA

Birds:  GB CG MA VS BS RB AR ST SS YW GF RS

Mammals:  MU

Fish:

Other:  DF

HYDROLOGY:

Inlet:  Type:

Condition:

Outlet:  Type: Pipe.

Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Snags; good variety of cover adjacent to open water.

GENERAL OBSERVATIONS: Urban debris and trash on perimeter.

WETLAND RATING (see Introduction for criteria): 1 (b/c)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: O H A C C S R S X S D
Herbs: R R T L
Sedges/Grasses/Ferns: J E
Birds: A R S T
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Open.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Receives runoff from major arterials and neighborhood shopping center. Some litter. Strong sulphur and diesel odor. Stream bottom almost sterile.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80

Inventory Date: 07/20/81

Scale: 1"=500'

WETLAND: May Creek 4

LOCATION
(S,T,R): NE-NE 34, 24N, 5E

ACREAGE: 13.3

CLASSIFICATION: PSSI PEM4

COMMUNITY
PLAN AREA: Newcastle

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Common Name

Fish & Wildlife Service

Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)

Scrub-Shrub

Palustrine Emergent Broad-leaved Nonpersistent (Water Parsley)

Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TP
Shrubs: AC RS SX SD VP
Herbs: OS RR
Sedges/Grasses/Ferns: AF LM
Birds: BP PW AR ST SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:  Type:
Condition:
Outlet:  Type: Open channel.
Condition: Open.
Outflow enters: Stream.
Water movement through wetland: No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Many snags and perches.

GENERAL OBSERVATIONS: Outlet may have been recently excavated. Large waterfall downstream several hundred feet.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80

Inventory Date: 07/23/81

Scale: 1" = 2650'

WETLAND: May Creek 5

LOCATION
(S,T,R): 2, 23N, 5E
12, 23N, 5E

ACREAGE: 142.0

CLASSIFICATION: Fish & Wildlife Service

PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)

PEM5 Palustrine Emergent Narrow-leaved Persistent (Juncus effusus)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.

COMMUNITY
PLAN AREA: Newcastle

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Common Name

Scrub-Shrub

Meadow
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: RS SX SD
Herbs: GM LA RR TL VS
Sedges/Grasses/Ferns: SM CX EX JE JX
Birds: GB MA CQ KD VS BS RB AR MW CO GF
Mammals: CT
Fish: U
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Open channel.
Condition: Open.

Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Potential Bald Eagle (BE) (Wintering/Transit) habitat - refer to Appendix 2.

GENERAL OBSERVATIONS: Many areas of overgrazing; fecal contamination of water. High water temperatures from lack of shade.

WETLAND RATING (see Introduction for criteria): 1 (a)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM AR PT

Shrubs: AC CS LI RS SX SD

Herbs: LA OS

Sedges/Grasses/Ferns:

Birds: AR ST SS WW

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet:

Type:

Condition:

Outlet:

Type: Pipe.

Condition: Open.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Northeast corner filled some time ago. Head waters of Honey Creek.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
 NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs: SX SD

Herbs:

Sedges/Grasses/Ferns: CX EX JE JX

Birds:

Mammals: RA

Fish:

Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Open channel.
Condition: Open.

Outflow enters: Stream.

Water movement through wetland: Visible movement of water through wetland.

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Runoff from adjacent horse and cattle pasture. Plat: Milepost at Lake Boren; east at Coal Creek Parkway.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: May Creek 8

LOCATION
(S,T,R): SE-SE 28, 24N, 5E
   NW-NW 34, 24N, 5E

ACREAGE: 32.0

CLASSIFICATION:

<table>
<thead>
<tr>
<th>Code</th>
<th>Community</th>
<th>Common Name</th>
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<tr>
<td>PSS1</td>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)</td>
<td>Scrub-Shrub</td>
</tr>
<tr>
<td>PEM5</td>
<td>Palustrine Emergent Narrow-leaved Persistent (Juncus effusus/Buttercup)</td>
<td>Meadow</td>
</tr>
<tr>
<td>POW</td>
<td>Palustrine Open Water</td>
<td>Open Water</td>
</tr>
</tbody>
</table>

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR

Shrubs: SX SD

Herbs: MG IP NP PP RR TL

Sedges/Grasses/Ferns: JO JA CX EX JE JX LM

Birds: VS BS AR ST SS YT

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Lake Boren

WETLAND RATING (see Introduction for criteria): 1 (c)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: May Creek 9

LOCATION
(S,T,R): SE-NW 33, 24N, 5E
NE-SW 33, 24N, 5E

ACREAGE: 10.0

CLASSIFICATION:
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)
PFO1 Palustrine Forested Broad-leaved Deciduous (Red Alder)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: SX
Herbs: LA OS
Sedges/Grasses/Ferns:

Birds: AR ST SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: May Creek 11

LOCATION
(S,T,R): SE-NE 35, 24N, 5E
SE 35, 24N, 5E

ACREAGE: 16.5

CLASSIFICATION:

PEM4
Palustrine Emergent Broad-leaved Nonpersistent (Water Parsley)

PFO1
Palustrine Forested Broad-leaved Deciduous (Red Alder)

COMMUNITY

PLAN AREA: Newcastle

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service

Common Name

Shallow Marsh

Forest

Scale: 1" = 500'

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: AC
Herbs: S T L A M U O S T L
Sedges/Grasses/Ferns: A F J E
Birds: R H A R S T S S
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Condition:
Outlet: Type: Pipe.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Headwaters for both Coal Creek and May Creek tributaries.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: May Creek 12

LOCATION (S,T,R): NW-SE 33, 24N, 5E

ACREAGE: 1.2

CLASSIFICATION: Fish & Wildlife Service

POW: Palustrine Open Water

COMMUNITY PLAN AREA: Newcastle

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 4

Fish & Wildlife Service Common Name

Open Water

Scale: 1" = 200'

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs: *RS SX*

Herbs:

Sedges/Grasses/Ferns: *LM*

Birds: *MA*

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition:

Outlet: Type: Pipe.
Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Pond created by old railroad embankment. Outlet is vertical stand pipe.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: May Creek 13

LOCATION (S,T,R): NW-SE 6, 23N, 6E
               SW-NE 6, 23N, 6E

ACREAGE: 5.0

CLASSIFICATION: Palustrine Forested
                Broad-leaved Deciduous (Red Alder)

COMMUNITY PLAN AREA: Newcastle

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service
Common Name

Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: \textit{AR}

Shrubs: \textit{AC RS SX}

Herbs: \textit{LA OS}

Sedges/Grasses/Ferns: \textit{EH BX SM AF}

Birds: \textit{RH}

Mammals: \textit{RA DE BB}

Fish:

Other:

HYDROLOGY:

Inlet: Type: 

Condition:

Outlet: Type: Pipe.

Condition: Open.

Outflow enters: Stream.

Water movement through wetland: Visible movement of water through wetland.

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Potential Bald Eagle (BE) (Wintering/Transit) habitat - refer to Appendix 2.

GENERAL OBSERVATIONS: Noise and siltation impacts from adjacent quarry operations.

WETLAND RATING (see Introduction for criteria): 1 (a)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: May Creek 14

LOCATION (S,T,R): NW-NW 7, 23N, 6E
     NE-NW 7, 23N, 6E

ACREAGE: 3.0

CLASSIFICATION: Fish & Wildlife Service

PFO1 Palustrine Forested Broad-leaved Deciduous (Oregon Ash)
PEM5 Palustrine Emergent Narrow-leaved Persistent (Juncus effusus)

COMMUNITY PLAN AREA: Newcastle
BASIN OR DRAINAGE: Cedar River
SENSITIVE AREA MAP#: 9

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR FL TP
Shrubs: PC AC CS LI SX SD
Herbs: LA MU RR
Sedges/Grasses/Ferns: GX SM AF CX JE JX
Birds: AR ST SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Overland undefined.
Condition: Partially blocked.

Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: May Creek 15

LOCATION
(S,T,R): SW-NW 7, 23N, 6E
SE-NW 7, 23N, 6E

ACREAGE: 51.0

CLASSIFICATION:

<table>
<thead>
<tr>
<th>Inventory Date: 07/23/81</th>
<th>Scale: 1&quot; = 500'</th>
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<tr>
<td>WETLAND: May Creek 15</td>
<td>Inventory Date: 07/23/81</td>
</tr>
<tr>
<td>LOCATION</td>
<td>Scale: 1&quot; = 500'</td>
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<tr>
<td>(S,T,R): SW-NW 7, 23N, 6E</td>
<td>WETLAND: May Creek 15</td>
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<tr>
<td>SE-NW 7, 23N, 6E</td>
<td>LOCATION</td>
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<tr>
<td>ACREAGE: 51.0</td>
<td>(S,T,R): SW-NW 7, 23N, 6E</td>
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<td>CLASSIFICATION:</td>
<td>SE-NW 7, 23N, 6E</td>
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<td>Fish &amp; Wildlife Service</td>
<td>ACREAGE: 51.0</td>
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<tr>
<td>Palustrine Forested Broad-leaved Deciduous (Oregon Ash)</td>
<td>CLASSIFICATION:</td>
</tr>
<tr>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Red Alder/Salmonberry)</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR FL TS TP
Shrubs: PC AC CS MD RP RS SX SD
Herbs: SN LA OS PV RR TL VS
Sedges/Grasses/Ferns: AF CX DA JE LM PA SF SX
Birds: GB GH MA VS BS AR ST SS GF
Mammals: DE RA
Fish:
Other:

HYDROLOGY:

Inlet: Type: Condition:

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Illegal filling and grading observed in wetland.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
King County
WETLANDS INVENTORY
Volume 2 East 1990

Mid. Fork Snoqualmie R.
N. Fork Issaquah Creek
WETLAND: Middle Fork Snoqualmie River 1

LOCATION
(S,T,R): NW 3, 23N, 8E
SW 34, 24N, 8E

ACREAGE: 41.0

CLASSIFICATION: Palustrine Forested Broad-leaved Deciduous (Alder/Willow)
Palustrine Aquatic Bed Floating-leaved (Pond Weed)

COMMITTEE
Plan Area: Snoqualmie

Basin or Drainage: Snoqualmie River

Sensitive Area Map #: 14

Fish & Wildlife Service

Common Name

Forested
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AC AR PT TP
Shrubs: SR SW EL AC CS GS LI SX
Herbs: TM GM MU OS PH RR SN TL
Sedges/Grasses/Ferns: SE AF CX JE JT SF SX
Birds: GB VS TS BS AR ST SS YT YW WW
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: None.
Condition: Not observed.
Outflow enters: None.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Snags and perches present.

GENERAL OBSERVATIONS: Agriculture use on edge of wetland.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Middle Fork Snoqualmie River 2

LOCATION:
(S,T,R): SW-NW 11, 23N, 8E
NW-NW 11, 23N, 8E

ACREAGE: 5.2

CLASSIFICATION:

- PSS1: Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow/Alder)
- POW: Palustrine Open Water
- PEM5: Palustrine Emergent Narrow-leaved Persistent (Cattail)

COMMUNITY
PLAN AREA: Snoqualmie

BASIN OR DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 14

Fish & Wildlife Service
Common Name

- Scrub-Shrub
- Open Water
- Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TP

Shrubs: RL AC RS SX

Herbs: OS TL

Sedges/Grasses/Ferns: AF CX JE LM SF

Birds: AR ST SS YT WW

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet:  
Type: 
Condition:

Outlet:  
Type: Open channel.
Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Many snags and logs.

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: North Fork Issaquah Creek 1

LOCATION
(S,T,R): SE-SE 11, 24N, 6E

ACREAGE: 1.5

CLASSIFICATION: Palustrine Forested Broad-leaved Deciduous (Cottonwood)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: FL PQ TS
Shrubs: SD
Herbs: MU
Sedges/Grasses/Ferns: PX
Birds:
Mammals: BB
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: None.
Condition: Not observed.
Outflow enters: None.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Small pocket of wet woods.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: North Fork Issaquah Creek 2
LOCATION (S,T,R): SW-SE 11, 24N, 6E
ACREAGE: 1.6
CLASSIFICATION: PSSI

COMUNITY PLAN AREA: East Sammamish
BASIN OR DRAINAGE: Cedar River
SENSITIVE AREA MAP#: 8

PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack) Scrub-Shrub
PFO1 Palustrine Forested Broad-leaved Deciduous (Cottonwood) Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PM FL PQ
Shrubs: RP SD SX
Herbs: TA
Sedges/Grasses/Ferns: CX PX
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:  
Condition:
Outlet: Type: None.
Condition: Not observed.
Outflow enters: None.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Small hollow filled entirely with Spirea species.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: North Fork Issaquah Creek 3

LOCATION
(S,T,R): SW-SE 11, 24N, 6E

ACREAGE: 1.4

CLASSIFICATION: Fish & Wildlife Service

PFO1 Palustrine Forested Broad-leaved Deciduous (Cottonwood)
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

COMMUNITY
PLAN AREA: East Sammamish

SENSITIVE AREA MAP#: 8

BASEL OR DRAINAGE: Cedar River

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: FL PQ
Shrubs: HD MD RP SX
Herbs: MU
Sedges/Grasses/Ferns:
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: None.
Condition: Not observed.
Outflow enters: None.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: A hollow filled with Spirea and ringed with quaking Aspen.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80  Inventory Date: 09/02/81  Scale: 1" = 200'

WETLAND: North Fork Issaquah Creek 4

LOCATION
(S,T,R): NE-NW 14, 24N, 6E
NW-NE 14, 24N, 6E

ACREAGE: 2.0

CLASSIFICATION:
PEM1  Palustrine Emergent Persistent (Water Sedge/Foxtail Grass)
PSS1  Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service
Common Name
Palustrine Emergent Persistent (Water Sedge/Foxtail Grass)  Shallow Marsh
Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)  Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *PMAR*

Shrubs: *AC SX SD*

Herbs: *NP*

Sedges/Grasses/Ferns: *AX CA JT*

Birds: *DF*

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet:  
Type:  
Condition:

Outlet:  
Type: Pipe.  
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Drains to Yellow Lake. A small hollow with a large island of Spirea; 4-wheel drive access; garbage present; transmission lines overhead. Wetland being used as a stormwater R/D facility for Klahanie.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list, including rare, threatened, and/or endangered species.
WETLAND: North Fork Issaquah Creek 5

LOCATION
(S,T,R): NW 14, 24N, 6E
SE-SW 11, 24N, 6E

ACREAGE: 22.0

CLASSIFICATION: Fish & Wildlife Service

PUB3 Palustrine Unconsolidated Bottom Mud
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
PEM5 Palustrine Emergent Narrow-leaved Persistent (Cattail)
PEM4 Palustrine Scrub-Shrub Broad-leaved Nonpersistent (Dulichium/Marsh Speedwell)

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 8

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: LL RS SD
Herbs: NP TL VS
Sedges/Grasses/Ferns: AF DA
Birds: MA MH RG
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.
Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Lake with open deep water in center and shallow water with emergents around edge. High wildlife habitat value for waterfowl on plateau.

GENERAL OBSERVATIONS: Yellow Lake. Motorcycle trail around edge; garbage present. Lake is now centerpiece of the Plat of Klahanie.

WETLAND RATING (see Introduction for criteria): 1 (b/c)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 09/02/81
Scale: 1" = 1000'

WETLAND: North Fork Issaquah Creek 7

LOCATION
(S,T,R): NW 23, 24N, 6E
SE 14, 24N, 6E

ACREAGE: 51.0

CLASSIFICATION:
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)
PEM1 Palustrine Emergent Persistent (Cattail)

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service

Common Name

Scrub-Shrub

Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM AR PT TS TP
Shrubs: SR AC CS LI RP RS SX SD
Herbs: UD PN TM NC LA MU NP OS
Sedges/Grasses/Ferns: EH JF SM AF JT LM PA
Birds: WD PW GB MA TS BS SS
Mammals: BB DE RA CY BE
Fish:
Other: BF

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: Visible movement of water through wetland.

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Very diverse habitat; many snags; perches; logs. Long, linear wetland.

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 1 (b)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: North Fork Issaquah Creek 9

LOCATION
(S,T,R): NE-NE 28, 24N, 6E

ACREAGE: 1.6

CLASSIFICATION: Fish & Wildlife Service

PEM1 Palustrine Emergent Persistent (Reed Canary Grass/Cattail)

COMMITTY

PLAN AREA: East Sammamish

BASIN OR

DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service Common Name

Deep Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT
Shrubs: CS SX SD
Herbs: IP SD TL
Sedges/Grasses/Ferns: GX JT LM PA

Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Overland undefined.
Condition: Not observed.

Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Industry; gravel pit; I-90 close by. Noise and dust.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 7/22/89
Inventory Date: 7/18/90

Scale: 1" = 200'

WETLAND: North Fork Issaquah Creek 12

LOCATION
(S, T, R): NW-NW 13, 24N, 6E

ACREAGE: 1.5

CLASSIFICATION:

Fish & Wildlife Service
Common Name

PSS5 Palustrine Scrub-Shrub Deciduous (Spirea/Pyrus) Scrub-Shrub
PFO Palustrine Forested (Hemlock/Fir/Alder) Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: TS AR PM TP
Shrubs: AC RP RV SR VP BN GS LL PY RS SX
Herbs: EW MU TM LA PV
Sedges/Grasses/Ferns: AF CO PA MU CX GX LP
Birds: AR BW BU CS DW SS
Mammals: DE AP MS
Fish:
Other: PF NS SF

HYDROLOGY:

Inlet: Type: Undetermined.
Condition:
Outlet: Type: Channel.
Condition:
Outflow enters:

Water movement through wetland: Standing flow.
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Several snags greater than 25 feet in height.

GENERAL OBSERVATIONS: This is a small scrub-shrub wetland with predominantly Spirea and Pyrus species and peat soils. The site is being studied as part of the Puget Sound Wetlands and Stormwater Management Research Program. Wetland is part of the plat of Klahane East Subdivision.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
King County
WETLANDS INVENTORY
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N. Fork Snoqualmie R.
WETLAND: North Fork Snoqualmie River 1

LOCATION
(S,T,R): E 34, 24N, 8E
NW-NW 34, 24N, 8E

ACREAGE: 35.0

CLASSIFICATION:
PFO1
Palustrine Forested Broad-leaved
Deciduous (Willow)

POW
Palustrine Open Water

COMMUNITY
PLAN AREA: Snoqualmie

BASIN OR
DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 14

Fish & Wildlife Service
Common Name

Forested
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR PT TP
Shrubs: RT PC RL RP RS SX VP
Herbs: GM LA MU PH RR TL VA VS
Sedges/Grasses/Ferns: SE AF CX JE JX
Birds: CM KF DF GB CG MA VS TS AR ST SS YT YW WW
Mammals: BE
Fish:
Other:

HYDROLOGY:

Inlet: Type: Condition:
Outlet: Type: Open channel. Condition: Open.

Outflow enters: River.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Potential Bald Eagle (BE) habitat - refer to Appendix 2.

GENERAL OBSERVATIONS: Seasonally flooded by North Fork Snoqualmie River; house on edge; part of wetland is a beaverpond. Hydrologically connected to North Fork Snoqualmie 20.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 07/22/89  Inventory Date: 09/03/81  Scale: 1" = 200'

WETLAND: North Fork Snoqualmie River 2

LOCATION
(S,T,R): NW-NE 32, 24N, 9E
NE-NW 32, 24N, 9E

ACREAGE: 5.0

CLASSIFICATION:
POW
PEM3

COMMUNITY
PLAN AREA: Snoqualmie

BASIN OR
DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 14

Fish & Wildlife Service
Common Name

Palustrine Open Water
Open Water

Palustrine Emergent Narrow-leaved Nonpersistent (Scirpus microcarpus)
Deep Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS TS
Shrubs: VX SX SD
Herbs:
Sedges/Grasses/Ferns: SM CX JE JX
Birds: SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: 1989 Air photos are provided for North Fork Snoqualmie wetlands; field notes from the 1983 Inventory could not be used to delineate the edge of the wetland. Refer to National Wetlands Inventory Bandera NW map for approximate site edge. Wetlands are located east of the 1990 Sensitive Areas Map Folio #14 boundary.

WETLAND RATING (see Introduction for criteria): 1 (b)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: North Fork Snoqualmie River 3

LOCATION
(S,T,R): SW-NE 36, 24N, 8E
       NW-SE 36, 24N, 8E

ACREAGE: 5.6

CLASSIFICATION: Fish & Wildlife Service
                Palustrine Open Water

COMMUNITY
PLAN AREA: Snoqualmie

BASIN OR
DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 14

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs:

Herbs:

Sedges/Grasses/Ferns:

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:

Condition:

Outlet: Type: Open channel.

Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:


Si map indicates this wetland may be two - three times larger and includes Emergent/Meadow wetland types.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: North Fork Snoqualmie River 4

LOCATION
(S,T,R): SE-NE 20, 24N, 9E
SW-NW 21, 24N, 9E

ACREAGE: 57.8

CLASSIFICATION:
- PSS1: Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
- PEM5: Palustrine Emergent Narrow-leaved Persistent (Sedge)

COMMUNITY
- Fish & Wildlife Service

SENSITIVE AREA MAP#: 14

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs: VX KO LL SX SD
Herbs: ES CB
Sedges/Grasses/Ferns: EC EH CX JE JX PX
Birds: BS SS YT YW
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:
Type: 
Condition: 

Outlet:
Type: Open channel. 
Condition: Open. 

Outflow enters: Stream. 

Water movement through wetland: No visible movement (but water moving from outlet). 

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Some snags. 

GENERAL OBSERVATIONS: 1989 Air photos are provided for North Fork Snoqualmie wetlands; field notes from the 1983 Inventory could not be used to delineate the edge of the wetland. Refer to National Wetlands Inventory Bandera NW map for approximate site edge. Wetlands are located east of the 1990 Sensitive Areas Map Folio #14 boundary.

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: North Fork Snoqualmie River 5

LOCATION
(S,T,R): SE-NW 21, 24N, 9E

ACREAGE: 2.3

CLASSIFICATION:

- PEM5: Palustrine Emergent Narrow-leaved Persistent (Sedge)
- PEM3: Palustrine Emergent Narrow-leaved Nonpersistent
- PSS3: Palustrine Scrub-Shrub Narrow-leaved Nonpersistent (Bog Laurel)

COMMUNITY

PLAN AREA: Snoqualmie

BASIN OR DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 14

Fish & Wildlife Service

Common Name

- Wet Meadow
- Wet Meadow
- Bog

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  TS
Shrubs:  VX KO RS SX SD
Herbs:  ES DR CB LA
Sedges/Grasses/Ferns:  EC EH SY CX JE JX SF SX
Birds:  BS SS YT YW
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: 
Type: 
Condition:

Outlet:  Type: Open channel.
Condition: Open.

Outflow enters: Wetland.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:  1989 Air photos are provided for North Fork Snoqualmie wetlands; field notes from the 1983 Inventory could not be used to delineate the edge of the wetland. Refer to National Wetlands Inventory Bandera NW map for approximate site edge.Wetlands are located east of the 1990 Sensitive Areas Map Folio #14 boundary.

WETLAND RATING (see Introduction for criteria):  1 (d)

NOTE:  Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: North Fork Snoqualmie River 6

LOCATION
(S,T,R): SE-NW 21, 24N, 9E

ACREAGE: 4.3

CLASSIFICATION:
PEM5
PSS1

COMMUNITY
PLAN AREA: Snoqualmie

BASIN OR
DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 0

Fish & Wildlife Service
Common Name

Palustrine Emergent Narrow-leaved Persistent (Juncus effusus)
Wet Meadow

Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: TS
Shrubs: VX KO RS SX SD
Herbs: ES DR CB LA
Sedges/Grasses/Ferns: EC EH SY CX JE IX SF SX
Birds: BS SS YT YW
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Open.

Outflow enters: Wetland.

Water movement through wetland: No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: 1989 Air photos are provided for North Fork Snoqualmie wetlands; field notes from the 1983 Inventory could not be used to delineate the edge of the wetland. Refer to National Wetlands Inventory Bandera NW map for approximate site edge. Wetlands are located east of the 1990 Sensitive Areas Map Folio #14 boundary.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: North Fork Snoqualmie River 7

LOCATION
(S,T,R): S 9, 24N, 9E
         N 16, 24N, 9E

ACREAGE: 176.0

CLASSIFICATION: L2OW

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AA AR TS TP
Shrubs: PC SA SC MD
Herbs: LD MA NP VP
Sedges/Grasses/Ferns: CX JX
Birds: DF BS AR
Mammals:
Fish:
Other:

HYDROLOGY:
Inlet: Type: 
Condition: 
Outlet: Type: Open channel.
Condition: Partially blocked.
Outflow enters: Stream.
Water movement through wetland: No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Some perches and logs.

GENERAL OBSERVATIONS: Lake Hancock. Houses on north edge of wetland; clearcuts on north and south edge of wetland.

WETLAND RATING (see Introduction for criteria): 1 (a)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: North Fork Snoqualmie River 8  

LOCATION:  
(S,T,R): N 22, 24N, 9E  
SE-SW 15, 24N, 9E  

ACREAGE: 54.3  

CLASSIFICATION:  
L2OW

COMUNITY
PLAN AREA: Snoqualmie

BASIN OR  
DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 0

Fish & Wildlife Service  
Common Name

Lacustrine Littoral Open Water  
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs: VX KO SD

Herbs: CB ES VP

Sedges/Grasses/Ferns: CX

Birds: DF

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Moolock Lake. Sediment from logging activity; clearcut on west and north wetland edge. Lake is located just east of the limit of the 1990 Sensitive Areas Sensitive Areas Map Folio # 14 boundary.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 07/22/89
Inventory Date: 09/03/81
Scale: 1"=1000'

WETLAND: North Fork Snoqualmie River 9

LOCATION
(S,T,R): N 22, 24N, 9E
S 22, 24N, 9E

ACREAGE: 20.8

CLASSIFICATION: Fish & Wildlife Service
L2OW

COMMUNITY PLAN AREA: Snoqualmie

BASIN OR DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 0

Common Name
Lacustrine Littoral Open Water Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs:

Herbs: CB NP

Sedges/Grasses/Ferns: SE CX

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Lake Nadeau. Sediment from logging activity; clear cut along all edges.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: North Fork Snoqualmie River 10

LOCATION
(S,T,R): SW 22, 24N, 9E

ACREAGE: 48.0

CLASSIFICATION: Fish & Wildlife Service
Lacustrine Littoral Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: TS

Shrubs:

Herbs:

Sedges/Grasses/Ferns: CX

Birds: BS AR YT WW

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: SMC Lake. Clear cuts on north; south; east edges.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 09/03/81
Scale: 1" = 1000'

WETLAND: North Fork Snoqualmie River 11

LOCATION
(S,T,R): SE-NE 31, 24N, 9E
NE-SE 31, 24N, 9E

ACREAGE: 7.5

CLASSIFICATION: Fish & Wildlife Service
Palustrine Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: SX SD
Herbs: TL
Sedges/Grasses/Ferns: CX JX LM
Birds: MABS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Rachor Lake. No access to wetland; clearcut on south edge.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: North Fork Snoqualmie 20

LOCATION
(S,T,R): NW 35, 24N, 8E

ACREAGE: 20.0

CLASSIFICATION: Fish & Wildlife Service

<table>
<thead>
<tr>
<th>PF06</th>
<th>Palustrine Forested Deciduous (Alder/Willow)</th>
<th>Forested</th>
</tr>
</thead>
<tbody>
<tr>
<td>PF07</td>
<td>Palustrine Forested Evergreen (Western Red Cedar)</td>
<td>Forested</td>
</tr>
</tbody>
</table>

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM TS AR PS PM TP
Shrubs: AC RP RU SR VP BN PY RZ SX
Herbs: EW MU
Sedges/Grasses/Ferns: AF CX LP
Birds: AR BW WS RH WI GB
Mammals: DE
Fish:
Other: PF

HYDROLOGY:

Inlet: Type: Undetermined.
Condition:
Outlet: Type: Undetermined.
Condition:
Outflow enters: North Fork Snoqualmie River.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags of all sizes - perches - raptor nesting trees.

GENERAL OBSERVATIONS: This is a large forested wetland. The site is a mosaic with islands of upland dominated by Alder and Vine Maple. Abundant wildlife observed including blue heron and evidence of beaver. This site is hydrologically connected to North Fork Snoqualmie 1.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
King County
WETLANDS INVENTORY
Volume 2 East 1990

Patterson Creek
WETLAND: Patterson Creek 1

LOCATION
(S,T,R): NE-SW 11, 25N, 6E

ACREAGE: 1.6

CLASSIFICATION:

POW  Palustrine Open Water
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

COMMUNITY

PLAN AREA: Bear Creek

BASIN OR

DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service
Common Name

Open Water
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):
  
  Trees: *AR TP*
  
  Shrubs: *LI RP RS SX SD*
  
  Herbs: *NP TL VA VS*
  
  Sedges/Grasses/Ferns: *SM AF CA JT LM*
  
  Birds: *TS BS SS*
  
  Mammals:
  
  Fish:
  
  Other:

HYDROLOGY:

  Inlet: Type: 
  Condition:
  
  Outlet: Type: Pipe.
  Condition: Open.
  
  Outflow enters: Stream.
  
  Water movement through wetland: No visible movement (but water moving from outlet).
  
  Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: 9/24/85: Short Plat #985007 proposed to the north of the pond.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 2

LOCATION
(S,T,R): NE-NW 14, 25N, 6E
SE 11, 25N, 6E

ACREAGE: 8.0

CLASSIFICATION: Fish & Wildlife Service
PAB4 Palustrine Aquatic Bed Floating-leaved (Yellow Pond Lily)
PF05 Palustrine Forested Dead

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM AR PT TS TP
Shrubs: OH AC CS GS RS SX SD VP
Herbs: BD SN MU NP OS PH VS
Sedges/Grasses/Ferns: SM AF CA LM PA
Birds: GB MA TS BS AR ST YW
Mammals: BE
Fish: 
Other:

HYDROLOGY:

Inlet: 
   Type: 
   Condition: 
Outlet: 
   Type: Overland defined.
   Condition: Partially blocked.
Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: 2/25/85: Owner channelized wetland and Patterson Creek. Short Plat #385033 being held until owners are fined. 7/85: Beaver dams blown out and area drained. Wetland now part of Plat of Beaver Creek Estates.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
<table>
<thead>
<tr>
<th>WETLAND: Patterson Creek 3</th>
<th>COMMUNITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOCATION</td>
<td>PLAN AREA: Bear Creek</td>
</tr>
<tr>
<td>(S,T,R): NE-NW 14, 25N, 6E</td>
<td>BASIN OR DRAINAGE: Snoqualmie River</td>
</tr>
<tr>
<td>ACREAGE: 0.2</td>
<td>SENSITIVE AREA MAP#: 8</td>
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<td>CLASSIFICATION:</td>
<td>Fish &amp; Wildlife Service</td>
</tr>
<tr>
<td>PSS1</td>
<td>Common Name</td>
</tr>
<tr>
<td></td>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)</td>
</tr>
<tr>
<td>POW</td>
<td>Scrub-Shrub</td>
</tr>
<tr>
<td></td>
<td>Palustrine Open Water</td>
</tr>
<tr>
<td></td>
<td>Open Water</td>
</tr>
</tbody>
</table>

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TS TP
Shrubs: OH LI MD RS SX SD VP
Herbs: PN BD SN GM MU NP VA VS
Sedges/Grasses/Ferns: SE CA CE AF CX EX JT
Birds: RH ST SS YW
Mammals: BE
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Open

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Beaver dam and lodge.

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
**WETLAND:** Patterson Creek 4

**LOCATION:**
(S,T,R): NE-NE 14, 25N, 6E
SE-NE 14, 25N, 6E

**ACREAGE:** 2.4

**CLASSIFICATION:**
PSS1

**COMMUNITY PLAN AREA:** Bear Creek

**BASIN OR DRAINAGE:** Snoqualmie River

**SENSITIVE AREA MAP #:** 8

<table>
<thead>
<tr>
<th>Fish &amp; Wildlife Service</th>
<th>Common Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Cascara)</td>
<td>Scrub-Shrub</td>
</tr>
</tbody>
</table>

**NOTE:** Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *AR TP*

Shrubs: *GS LL LI RP SX SD VP*

Herbs: *TL*

Sedges/Grasses/Ferns: *CB*

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Overland defined.
Condition: Not observed.

Outflow enters: Unknown.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

---

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 5

LOCATION
(S,T,R): NE 14, 25N, 6E
NW 13, 25N, 6E

ACREAGE: 29.3

CLASSIFICATION: Fish & Wildlife Service
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

COMMUNITY
PLAN AREA: Bear Creek

BASIN OR
DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 8

Common Name
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: SX SD
Herbs:
Sedges/Grasses/Ferns: SM CA CX CO JT PA PX
Birds: SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:  
Condition:
Outlet: Type: Open channel.  
Condition: Open.

Outflow enters: Stream.
Water movement through wetland: No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 6

LOCATION (S,T,R): NE-SE 14, 25N, 6E

ACREAGE: 3.5

CLASSIFICATION: Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: GS LL RP RS SX
Herbs:
Sedges/Grasses/Ferns: BD AF JT PA
Birds: ST SS
Mammals: AP
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Pipe.
Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
**WETLAND:** Patterson Creek 7

**LOCATION**
(S,T,R): SW-SW 14, 25N, 6E
SE-SW 14, 25N, 6E

**ACREAGE:** 2.8

**CLASSIFICATION:**

| POW | Fish & Wildlife Service | Palustrine Open Water | Common Name | Open Water |
| PEM5 | Palustrine Emergent Narrow-leaved Persistent (Cattail) | Shallow Marsh |

**COMMUNITY**
PLAN AREA: Bear Creek

**BASIN OR**
DRAINAGE: Snoqualmie River

**SENSITIVE AREA MAP#:** 8

**NOTE:** Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the *Federal Manual for Identifying and Delineating Jurisdictional Wetlands*. 
OBSERVED SPECIES (refer to Appendix 1):

Trees: *AMAR*

Shrubs: *SX SD VP*

Herbs: *PN*

Sedges/Grasses/Ferns: *GX SM AF JT PA*

Birds: *ST SS*

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition:

Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Beaver dam.

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 8

LOCATION
(S,T,R): SW-SW 14, 25N, 6E

ACREAGE: 2.1

CLASSIFICATION:
PEM5  Palustrine Emergent Narrow-leaved Persistent (Cattail)
PSS1  Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
PFO1  Palustrine Forested Broad-leaved Deciduous (Red Alder)

COMMUNITY
PLAN AREA: Bear Creek
BASIN OR DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service
Common Name

Shallow Marsh
Scrub-Shrub
Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *AM AR PT TS*

Shrubs: *OH SR OC AC GS RP RS SX SD VP*

Herbs:

Sedges/Grasses/Ferns: *AF JT*

Birds: *RH ST SS*

Mammals: *AP*

Fish:

Other:

HYDROLOGY:

Inlet: 
Type: 
Condition: 

Outlet: 
Type: Open channel. 
Condition: Partially blocked. 

Outflow enters: Stream. 

Water movement through wetland: No visible movement (but water moving from outlet). 

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80

WETLAND: Patterson Creek 9

LOCATION
(S,T,R): NE 26, 25N, 6E
SW-SE 23, 25N, 6E

ACREAGE: 73.8

CLASSIFICATION:

PSS1
Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)

PFO1
Palustrine Forested Broad-leaved Deciduous (Red Alder)

NOTE:

Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  PS AM AR PT TS TP

Shrubs:  SR VX AC CS LI RP RS SX SD

Herbs:  TM SN LA MU OS RR TL VS

Sedges/Grasses/Ferns:  GX SM AF CA JT PA

Birds:  GB RH VS TS BS RB AR ST MW SS YT

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet:  Type:  
Condition:  

Outlet:  Type:  Open channel.
Condition:  Open.

Outflow enters:  Stream.

Water movement through wetland:  No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:  Large wetland with diverse mix of vegetation.

WETLAND RATING (see Introduction for criteria):  2

NOTE:  Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 10

LOCATION
(S,T,R): SE-NW 8, 24N, 7E
NW 8, 24N, 7E

ACREAGE: 11.7

CLASSIFICATION: Fish & Wildlife Service

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TP
Shrubs: RX RL SX SD
Herbs: SN
Sedges/Grasses/Ferns: SM CX JT PA
Birds: RH BS MW YT
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Open channel. 
Condition: Open. 

Outflow enters: Stream. 

Water movement through wetland: No visible movement (but water moving from outlet). 

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 11

LOCATION
(S,T,R): N 25, 25N, 6E
SW 30, 25N, 7E

ACREAGE: 301.0

CLASSIFICATION:
- PEM1: Palustrine Emergent Broad-leaved Deciduous (Rush)
- PSS1: Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)
- PFO1: Palustrine Forested Broad-leaved Deciduous (Red Alder)

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service

Common Name
- Shallow Marsh
- Scrub-Shrub
- Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM PS PM AR PT TS TP
Shrubs: RX SR RL AC CS GS LI MD RP RS SX SD VP
Herbs: MG EF UD GM IP LA MU OS
Sedges/Grasses/Ferns: SE SM AF CX IX JT LM PA SX
Birds: GB MH KD VS TS BS AR ST MW SS YT
Mammals: DE CY
Fish:
Other:

HYDROLOGY:

Inlet:
  Type:
  Condition:
Outlet:
  Type: Open channel.
  Condition: Open.
Outflow enters: Stream.
Water movement through wetland: No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Large continuous wetland along Patterson Creek; diverse mix of vegetative types. 11/20/86: Quarry to the south and west of wetland. Wetland overgrazed to creek.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 07/21/81
Scale: 1" = 500'

WETLAND: Patterson Creek 12

LOCATION
(S,T,R): NW-NW 36, 25N, 6E

ACREAGE: 3.7

CLASSIFICATION:
PEM5  Palustrine Emergent Narrow-leaved Persistent (Reed Canary Grass)
PFO4  Palustrine Forested Needle-leaved Evergreen (Hemlock)
POW  Palustrine Open Water

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service
Common Name
Deep Marsh
Forest
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TS TP

Shrubs: AC GS LI RP RS SX SD VP

Herbs: TM TT SN GM LA MU OS VS

Sedges/Grasses/Ferns: AF JE LM PA

Birds: GB GH MA AR ST SS

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet:

Type: 
Condition: 

Outlet:

Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Beaver dam at outlet; salmon observed reaching base of outlet.

GENERAL OBSERVATIONS: This wetland is being studied as part of the Puget Sound Wetlands and Stormwater Management Research Program.

WETLAND RATING (see Introduction for criteria): I (b)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80

WETLAND: Patterson Creek 13

LOCATION
(S,T,R): NW-SW 36, 25N, 6E

ACREAGE: 4.1
CLASSIFICATION: PSS1

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs:
Herbs:
Sedges/Grasses/Ferns:
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Overland undefined. 
Condition: Not observed.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Site not visited during 1983 inventory.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 14

LOCATION
(S,T,R): SW-SE 36, 25N, 6E

ACREAGE: 2.6

CLASSIFICATION: PSS1

COMMUNITY
Fish & Wildlife Service

PLAN AREA: East Sammamish

BASIN OR
Common Name

DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 8

Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack/Red Alder)

Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs:
Herbs:
Sedges/Grasses/Ferns:
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Condition:
Outlet: Type: Overland undefined. Condition: Not observed.
Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Site not visited during 1983 inventory.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 15

LOCATION
(S,T,R): SW-SE 1, 24N, 6E
NW-SE 1, 24N, 6E

ACREAGE: 4.6

CLASSIFICATION: Palustrine Forested Broad-leaved Deciduous (Red Alder)

COMPUTING
PLAN AREA: East Sammamish

BASIN OR DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service Common Name

PFO1 Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR FL PT
Shrubs: OH OC AC CS GS LI MD RP RS SX SD VP
Herbs: TM SN LA MU OS PH VS
Sedges/Grasses/Ferns: EH SM AF CA CX CO EX JE JT LM PA
Birds: RH TS BS ST SS YT WW RS
Mammals: BB DE CY
Fish:
Other:

HYDROLOGY:

Inlet: 
Type: 
Condition:
Outlet: 
Type: Overland undefined.
Condition: Partially blocked.

Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Many snags.

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
**WETLAND:** Patterson Creek 16

**LOCATION**
(S,T,R): SE-SE 1, 24N, 6E
SW-SE 1, 24N, 6E

**ACREAGE:** 3.4

**CLASSIFICATION:**
PFO1 Palustrine Forested Broad-leaved Deciduous (Black Cottonwood/Oregon Ash)
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

**COMMUNITY**
Fish & Wildlife Service

**Common Name**
Forest

**PLAN AREA:** East Sammamish

**BASIN OR DRAINAGE:** Snoqualmie River

**SENSITIVE AREA MAP #:** 8

**NOTE:** Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the *Federal Manual for Identifying and Delineating Jurisdictional Wetlands.*
OBSERVED SPECIES (refer to Appendix 1):

Trees: *FL PQ*
Shrubs: *LI SX SD*
Herbs: *MU*
Sedges/Grasses/Ferns: *CO*
Birds: *ST SS YT*
Mammals: *AP*
Fish: 
Other: 

HYDROLOGY:

Inlet: 
Type: 
Condition: 
Outlet: 
Type: Overland undefined.
Condition: Not observed.

Outflow enters: Unknown.

Water movement through wetland:

Observed water quality in wetland: 

SIGNIFICANT HABITAT FEATURES: 

GENERAL OBSERVATIONS: 

WETLAND RATING (see Introduction for criteria): 2 

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
**Photo Date:** 05/01/80  
**Inventory Date:** 07/21/81  

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**WETLAND:** Patterson Creek 17  

**LOCATION**  
(S,T,R): SW-SW 1, 24N, 6E  

**ACREAGE:** 2.8  

**CLASSIFICATION:**  

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<tr>
<td>PSS3</td>
<td>Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)</td>
<td>Bog</td>
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<tr>
<td>PSS1</td>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)</td>
<td>Scrub-Shrub</td>
</tr>
</tbody>
</table>

**COMMUNITY**  
**PLAN AREA:** East Sammamish  

**BASIN OR**  
**DRAINAGE:** Snoqualmie River  

**SENSITIVE AREA MAP#:** 8  

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**NOTE:** Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the *Federal Manual for Identifying and Delineating Jurisdictional Wetlands.*
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM AR PQ TS TP
Shrubs: AC CS GS KO LL LI MD RP RS SX SD VO VP
Herbs:
Sedges/Grasses/Ferns: AF CX JE PX
Birds: RU AR ST
Mammals: AP JM DE
Fish:
Other:

HYDROLOGY:

Inlet: Type: Condition:
Outlet: Type: None, Condition: Not observed.
Outflow enters: None.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 18

LOCATION
(S,T,R): NE-NW 12, 24N, 6E
SE-NW 12, 24N, 6E

ACREAGE: 10.1

CLASSIFICATION: Fish & Wildlife Service
PSS3 Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service
Common Name
Bog
Scrubs-Scrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TS TP
Shrubs: AC CS GS KO LL MD RP RS SX SD VO VP
Herbs: MG LB SN GM LA MU OS PP
Sedges/Grasses/Ferns: ML AF CA CX CO JE JT PA PX
Birds: GB CG MA RH RG TS BS RB AR ST SS
Mammals: BB
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Open channel.
Condition: Open.
Outflow enters: Wetland.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: North end standing water with many snags; south end mature bog.

GENERAL OBSERVATIONS: 9/84: High Country proposed development; will use wetland as Retention/Detention structure.

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 20

LOCATION
(S,T,R): NE-NE 13, 24N, 6E
   SW-NE 13, 24N, 6E

ACREAGE: 28.7

CLASSIFICATION: PFO1

Fish & Wildlife Service

Common Name

Palustrine Forested Broad-leaved Deciduous (Red Alder)

Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AM AR PT TS TP

Shrubs: OH SR OC AC CS RP RS VP

Herbs: TT TM GM LA MU OS RR

Sedges/Grasses/Ferns: BD ML GX AF

Birds: ST SS

Mammals: BB DE

Fish: 

Other: 

HYDROLOGY:

Inlet: 
Type: 
Condition: 

Outlet: 
Type: Pipe. 
Condition: Open. 

Outflow enters: Stream. 

Water movement through wetland: Visible movement of water through wetland. 

Observed water quality in wetland: 

SIGNIFICANT HABITAT FEATURES: 

GENERAL OBSERVATIONS: 

WETLAND RATING (see Introduction for criteria): 2 

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 21

LOCATION
(S,T,R): W 9, 24N, 7E

ACREAGE: 23.1

CLASSIFICATION: Fish & Wildlife Service
PFO1 Palustrine Forested Broad-leaved Deciduous (Willow)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TS TP

Shrubs: AC CS LI RS SX SD

Herbs: SN LA RR TL VS

Sedges/Grasses/Ferns: AF CX IX JT PA

Birds: GB GH MH RH TS BS AR ST MW SS YT

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet:

Type:

Condition:

Outlet:

Type: Open channel.

Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 22

LOCATION
(S,T,R): SW-SW 25, 25N, 6E

ACREAGE: 5.5

CLASSIFICATION:

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<tr>
<td>PSS1</td>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)</td>
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<tr>
<td>POW</td>
<td>Palustrine Open Water</td>
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</table>

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM AR PQ TS TP
Shrubs: AC GS LI RP RS SX SD VP
Herbs: TT TM SN GM LA MU UM
Sedges/Grasses/Ferns: AF CXJE LM PA
Birds: GB GH MA VS TS AR ST SS
Mammals: DE BE AP
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Overland defined.
Condition: Partially blocked.
Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Beaver dam and lodge.

GENERAL OBSERVATIONS: Foam in water flowing from outlet.

WETLAND RATING (see Introduction for criteria): 1 (b)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 23

LOCATION
(S,T,R): NW-NE 12, 24N, 6E
    NE-NW 12, 24N, 6E

ACREAGE: 7.6

CLASSIFICATION: Fish & Wildlife Service
    Palustrine Open Water

POW
    Open Water

COMMUNITY PLAN AREA: East Sammamish

BASIN OR DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 8

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PQ TS TP

Shrubs: RS SX SD

Herbs: MX SN PH TL VS

Sedges/Grasses/Ferns: PA

Birds: CG WD GB CG MA TS BS

Mammals: MU

Fish:

Other: BF

HYDROLOGY:

Inlet: Type: 
Condition: 

Outlet: Type: Open channel.
Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 07/29/81

WETLAND: Patterson Creek 24

LOCATION
(S,T,R): NE-NW 12, 24N, 6E

ACREAGE: 1.8

CLASSIFICATION: Fish & Wildlife Service

PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
PSS3 Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)

COMMONITY

PLAN AREA: East Sammamish

BASIN OR

DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service

Common Name

Scrub-Shrub

Bog

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TS TP
Shrubs: GS KO LL MD RS SD VO
Herbs: TA
Sedges/Grasses/Ferns: PX
Birds: ST
Mammals: BB
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Overland defined.
Condition: Not observed.
Outflow enters: Wetland.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 25

LOCATION
(S,T,R): SW-SW 1, 24N, 6E
SE-SW 1, 24N, 6E

ACREAGE: 4.7

CLASSIFICATION:
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Vine Maple)
PEM5 Palustrine Emergent Narrow-leaved Persistent (Cattail)

CommUNITY
PLAN AREA: East Sammamish
BASIN OR DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 8

Fish & Wildlife Service

Common Name

Scrub-Shrub
Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TS
Shrubs: AC CS GS LI MD RP RS SX SD
Herbs: SN GM LA MU OS PH PP RR
Sedges/Grasses/Ferns: GX SE AF CA CX CO JE JX JT LM
Birds: GB RH TS BS RB ST
Mammals: MU BB DE CY
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Open.
Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Many snags.

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  AR FL PT PQ TP
Shrubs:  AC GS LI MD RP RS SX SD
Herbs:  OS RR VS
Sedges/Grasses/Ferns:  AF CA CX
Birds:  RG ST SS
Mammals:  DE CY
Fish:
Other:

HYDROLOGY:

Inlet:  Type:  Condition:
Outlet:  Type:  Overland undefined.  Condition:  Not observed.
Outflow enters:  Unknown.

Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria):  2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 29

LOCATION
(S,T,R): NE-NE 17, 24N, 7E

ACREAGE: 30.0

CLASSIFICATION:
PEM1 Palustrine Emergent Persistent (Agrostis/Juncus effusus/Alopecurus)
PSS5 Palustrine Scrub-Shrub Deciduous (Willow/Dogwood)
PFO Palustrine Forested (Willow/Alder/Cedar)

COMMUNITY
Planning Area: East Sammamish

BASIN OR DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 9

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM PT TS AR TP

Shrubs: CS RP RD RL SR SX

Herbs: RR TM UD

Sedges/Grasses/Ferns: EA AG AF CX HX JE AX

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Stream.

Condition:

Outlet: Type: Undetermined.

Condition:

Outflow enters: Wetland.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags and perches.

GENERAL OBSERVATIONS: Limited access to wetland site. It is located below two roads and is clearly defined.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 35

LOCATION
(S,T,R): 16, 24N, 7E

ACREAGE: 58.0

CLASSIFICATION:

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<td>Meadow</td>
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<td>PSS5</td>
<td>Palustrine Scrub-Shrub Deciduous (Willow)</td>
<td>Scrub-Shrub</td>
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<td>PFO</td>
<td>Palustrine Forested (Alder/Popular/Willow/Cedar)</td>
<td>Forested</td>
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NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PT AR TP

Shrubs: CS RD RL SX SD

Herbs: RR UD VA LA PC SD TL

Sedges/Grasses/Ferns: EA AG AF CR JE JB SM

Birds: BS BW RT ST

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Undetermined.
Condition:

Outlet: Type: Undetermined.
Condition:

Outflow enters:

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags.

GENERAL OBSERVATIONS: This is a large diverse wetland. The pastures are predominantly Juncus effusus meadow species. The forested areas have been cut.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Patterson Creek 36

LOCATION
(S,T,R): NE-SW 23, 25N, 6E

ACREAGE: 4.0

CLASSIFICATION:
PEM1 Palustrine Emergent Persistent (Phalaris/Holcus/Juncus effusus)
PSS5 Palustrine Scrub-Shrub Deciduous (Willow)
PFO6 Palustrine Forested Deciduous (Alder/Willow)

COMMUNITY
PLAN AREA: East Sammamish
BASIN OR
DRAINAGE: Snoqualmie River
SENSITIVE AREA MAP#: 8

CLASSIFICATION:
Fish & Wildlife Service
Common Name
Palustrine Emergent Persistent (Phalaris/Holcus/Juncus effusus) Meadow
Palustrine Scrub-Shrub Deciduous (Willow) Scrub-Shrub
Palustrine Forested Deciduous (Alder/Willow) Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM PT AR PS TP SX
Shrubs: RD RL SX
Herbs: CI EW RR UD SD VS
Sedges/Grasses/Ferns: EA AG CX JE PA GX JB PP
Birds: CV FK RH SS SJ
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Stream. Condition:
Outlet: Type: Stream. Condition:
Outflow enters: Stream.
Water movement through wetland: Channel flow with some movement - standing flow.
Observed water quality in wetland: Evidence of water level fluctuations.

SIGNIFICANT HABITAT FEATURES: Several snags larger than 18 inches in diameter.

GENERAL OBSERVATIONS: This is a long linear wetland that is fed by an uphill stream. It is a mosaic of PEM/PSS/PFO species. The emergent portion of the site is an old pasture with Juncus effusus species and the forested-scrub-shrub portion is approximately thirty year old second growth. A road has been build through the middle of the wetland site.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
King County
WETLANDS INVENTORY
Volume 2 East 1990

Raging River
WETLAND: Raging River 2

LOCATION
(S,T,R): SE 27, 24N, 7E
SW 26, 24N, 7E

ACREAGE: 60.0

CLASSIFICATION:
L2OW  Lacustrine Littoral Open Water
PSS1  Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
PSS3  Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)

COMMUNITY
PLAN AREA: Snoqualmie

BASIN OR
DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service  Common Name
Open Water
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PM PS AR PT TS TP
Shrubs: AC GS KO LL LI RP RS SX SD VO VP
Herbs: PN DR MT NP TL VS
Sedges/Grasses/Ferns: SE EC SM AX AF CA JT LM PA PX
Birds: MA AR
Mammals:
Fish:
Other: BF

HYDROLOGY:

Inlet: Type: Condition:
Outlet: Type: Overland defined.
Condition: Not observed.
Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Many snags on south end; bog along northwestern lake shore.

GENERAL OBSERVATIONS: Lake Alice. Outlet not found.

WETLAND RATING (see Introduction for criteria): 1(a/b/d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80

WETLAND: Raging River 3

LOCATION
(S,T,R): SW-NW 34, 24N, 7E

ACREAGE: 4.6

CLASSIFICATION:
PSS3
PFO4

Fish & Wildlife Service
Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)
Palustrine Forested Needle-leaved Evergreen (Cedar/Hemlock)

COMMUNITY
PLAN AREA: Snoqualmie
BASIN OR DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 9

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS TS TP
Shrubs: MF GS KO LL
Herbs: MU
Sedges/Grasses/Ferns: BX PX
Birds:
Mammals: BB
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Overland undefined.
Condition: Partially blocked.
Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Old bog advancing toward Cedar/Hemlock forest.

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80

Inventory Date: 09/09/81

WETLAND: Raging River 5

LOCATION
(S,T,R): S 34, 24N, 7E
    N 3, 23N, 7E

ACREAGE: 53.0

CLASSIFICATION:

<table>
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<tr>
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<th>Common Name</th>
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<tbody>
<tr>
<td>PEM1</td>
<td>Palustrine Emergent Persistent (Cattail)</td>
</tr>
<tr>
<td>POW</td>
<td>Palustrine Open Water</td>
</tr>
<tr>
<td>PFO1</td>
<td>Palustrine Forested Broad-leaved Deciduous (Red Alder/Vine Maple)</td>
</tr>
<tr>
<td>PSS1</td>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)</td>
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</table>

COMMUNITY PLAN AREA: Snoqualmie

BASIN OR DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 9

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PM AR TS TP
Shrubs: OH VU AC GS LL LI RP RS SX SD VP
Herbs: PN SN LA MU NO OS PH RO
Sedges/Grasses/Ferns: SY EX BD SM AF CA EX JT PA RN
Birds: KF PG GB MA
Mammals: RA DE BE BB AP BO
Fish:
Other: BF

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Open.
Outflow enters: Stream.

Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Extensive series of beaver dams; ponds; several lodges; numerous snags.

GENERAL OBSERVATIONS: Our Lake. Clear cut logging extending to the edge of the wetland on south end. This wetland is being studied as part of the Puget Sound Wetlands and Stormwater Management Research Program.

WETLAND RATING (see Introduction for criteria): 1 (b/c)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Raging River 7

LOCATION
(S,T,R): SE-SW 4, 23N, 7E

ACREAGE: 2.0

CLASSIFICATION: Fish & Wildlife Service
PEM1 Palustrine Emergent Persistent (Water Sedge)

COMMUNITY
PLAN AREA: Snoqualmie

SENSITIVE AREA MAP#: 9

BASIN OR DRAINAGE: Snoqualmie River

Common Name
Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PM AR TS TP
Shrubs: LI RP SX
Herbs: TM PN GM LA MU OS PP RR
Sedges/Grasses/Ferns: CY EX ML BD GX AF CA JE
Birds:
Mammals:
Fish:
Other: BF

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Overland undefined.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Outlet through an old beaver dam; outlet discharges have caused heavy erosion and deep cuts in the downstream ravine.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Raging River 8

LOCATION
(S,T,R): SW 2, 23N, 7E

ACREAGE: 18.0

CLASSIFICATION:
PEM1 Palustrine Emergent Persistent (Bulrush)
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

COMMUNITY
PLAN AREA: Snoqualmie
BASIN OR DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service
Common Name
Shallow Marsh
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR PT TP
Shrubs: AC CS LI RS SD
Herbs: MA MU OS PP
Sedges/Grasses/Ferns: GX MX PN JB JF SM AF CA JT
Birds: GB SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Road fill; debris in water. 1/27/87: Filling observed.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Raging River 9

LOCATION
(S,T,R): NW-SW 7, 23N, 8E
SW-SW 7, 23N, 8E

ACREAGE: 4.7

CLASSIFICATION:
PEM1 Palustrine Emergent Persistent (Cattail/Rush)
PFO4 Palustrine Forested Needle-leaved Evergreen (Red Cedar)
POW Palustrine Open Water

COMMUNITY
Fish & Wildlife Service
Common Name
Palustrine Emergent Persistent (Cattail/Rush) Shallow Marsh
Palustrine Forested Needle-leaved Evergreen (Red Cedar) Forested
Palustrine Open Water Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS PM AR TS TP
Shrubs: OH MF AC GS RP RS SX SD VP
Herbs: PN LA MU OS TL
Sedges/Grasses/Ferns: SE ML BD LY EX JE PX
Birds: BP
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Overland undefined.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Bog Clubmoss (LY) observed - refer to Appendix 2. Series of beaver dams and ponds; many snags.

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 1 (a/b)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Raging River 10

LOCATION
(S,T,R): SW-NE 24, 23N, 7E

ACREAGE: 7.3

CLASSIFICATION:
POW
PFO1

COMMUNITY
PLAN AREA: Snoqualmie

BASIN OR
DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 14

Fish & Wildlife Service
Palustrine Open Water
Palustrine Forested Broad-leaved Deciduous (Red Alder)

Common Name
Open Water
Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs:

Herbs:

Sedges/Grasses/Ferns:

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition:

Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Possible beaver dam and pond.

GENERAL OBSERVATIONS: Small pond; site not visited during 1983 inventory; extensive logging surrounding the wetland apparent from air photos.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Raging River 11

LOCATION
(S,T,R): SE-NE 2, 23N, 7E
SW-NW 1, 23N, 7E

ACREAGE: 21.0

CLASSIFICATION:
POW
PAB4

COMMUNITY PLAN AREA: Snoqualmie

BASIN OR DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 14

Fish & Wildlife Service
Palustrine Open Water
Palustrine Aquatic Bed Floating-leaved (Yellow Pond Lily)

Common Name
Open Water
Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *PS AR*
Shrubs: *LL SX SD*
Herbs: *NP TL*
Sedges/Grasses/Ferns: *PN AF CA JT LM*

Birds: *GB MA*
Mammals:
Fish:
Other:

HYDROLOGY:

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<tbody>
<tr>
<td></td>
<td>Condition: Partially blocked.</td>
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</table>

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Echo Lake.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Raging River 12

LOCATION
(S,T,R): SW-NW 16, 23N, 7E
NW-NW 16, 23N, 7E

ACREAGE: 4.1

CLASSIFICATION:
POW  Palustrine Open Water
PEM1 Palustrine Emergent Persistent (Rush)

COMMUNITY
PLAN AREA: Snoqualmie

BASIN OR
DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service
Common Name
Open Water
Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: $PM\ AR\ TS\ TP$

Shrubs: $MF\ VO\ OH\ SR\ TM\ AC\ RS\ SD\ VP$

Herbs: $CC\ CT\ CU\ GM\ LA\ MU\ OS\ VS$

Sedges/Grasses/Ferns: $BD\ ML\ SE\ JN\ AF\ EX\ JE\ PX$

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet:  

Type:  

Condition:  

Outlet:  

Type: Overland undefined.  

Condition: Partially blocked.  

Outflow enters: Stream.  

Water movement through wetland: No visible movement (but water moving from outlet).  

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 1 (b)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
King County
WETLANDS INVENTORY
Volume 2 East 1990

S. Fork Snoqualmie R.
Photo Date: 05/01/80
Inventory Date: 08/23/81
Scale: 1" = 200'

WETLAND: South Fork Snoqualmie 3

LOCATION
(S,T,R): NW 23, 23N, 8E

ACREAGE: 6.0

CLASSIFICATION:
Fish & Wildlife Service
Palustrine Open Water

COMMUNITY
PLAN AREA: Snoqualmie

BASIN OR
DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 14

Common Name
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PT
Shrubs:
Herbs:
Sedges/Grasses/Ferns: CX
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Pipe.
Condition: Open.

Outflow enters: River.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Development on north and west edge.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: South Fork Snoqualmie 4

LOCATION
(S,T,R): SW-NW 23, 23N, 8E
SW 23, 23N, 8E

ACREAGE: 16.8

CLASSIFICATION:

Fish & Wildlife Service
PFO1 Palustrine Forested Broad-leaved Deciduous (Alder) Forested
PFO4 Palustrine Forested Needle-leaved Evergreen (Hemlock) Forested

COMMUNITY
PLAN AREA: Snoqualmie

BASIN OR
DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 14

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR TS TP
Shrubs: OH AC CS GS RP RS SX
Herbs: GM LA RR
Sedges/Grasses/Ferns: AF CX
Birds: AR ST SS YW WW
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Open channel.
Condition: Open.

Outflow enters: Stream.
Water movement through wetland: Visible movement of water through wetland.
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: South Fork Snoqualmie 5

LOCATION
(S,T,R): SE-SE 22, 23N, 8E

ACREAGE: 6.3

CLASSIFICATION: Fish & Wildlife Service

Pew 5
Palustrine Emergent Narrow-leaved Persistent (Slough Sedge)

PSS1
Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack/Alder)

POW
Palustrine Open Water

COMMUNITY

PLAN AREA: Snoqualmie

BASIN OR

DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 14

Common Name

Shallow Marsh

Scrub-Shrub

Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *AR PT*

Shrubs: *SX SD*

Herbs:

Sedges/Grasses/Ferns: *AF CA CX*

Birds: *RH VS TS BS*

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet:

Outlet: Type: Open channel.

Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Road on wetland; power lines present.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: South Fork Snoqualmie 6

LOCATION
(S,T,R): NE-NE 25, 23N, 8E
NW-NW 30, 23N, 9E

ACREAGE: 19.6

CLASSIFICATION: Palustrine Forested Broad-leaved Deciduous (Alder/Willow)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM AR PT TS TP
Shrubs: PC AC CS LI MD RP RS SX
Herbs: MA MG AP SN GM LA MU OS
Sedges/Grasses/Ferns: SE EH AF CX JE LM SF SX
Birds: AR ST SS YT YW WW RS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Open channel and pipe.
Condition: Open.

Outflow enters: Stream and river.

Water movement through wetland: Visible movement of water through wetland.

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Some snags.

GENERAL OBSERVATIONS: Road on wetland.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: South Fork Snoqualmie 7

LOCATION
(S,T,R): NW-SW 27, 23N, 8E

ACREAGE: 5.4

CLASSIFICATION: Fish & Wildlife Service

POW: Palustrine Open Water

COMMUNITY
PLAN AREA: Snoqualmie

BASIN OR DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 14

Common Name

Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: AC CS RS SX SD
Herbs: NP TL
Sedges/Grasses/Ferns: SE CX EX
Birds: VS TS BS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: None.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Brewster Lake.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
King County
WETLANDS INVENTORY
Volume 2 East 1990

Tate Creek
Tibbits Creek
WETLAND: Tate Creek 1

LOCATION
(S,T,R): SW-NW 22, 24N, 8E
SW 22, 24N, 8E

ACREAGE: 23.0

CLASSIFICATION:

PSS1  Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
PEMS  Palustrine Emergent Narrow-leaved Persistent (Cattail)
PSS3  Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)

COMMUNITY
PLAN AREA: Snoqualmie
BASIN OR DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 14

Fish & Wildlife Service  Common Name
Scrub-Shrub
Scrub-Shrub
Bog

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TS TP
Shrubs: AU AC GS LL LI RP RS SX SD VP
Herbs: LA MU TL VP
Sedges/Grasses/Ferns: BD JE SM AF CX IX PX
Birds: RS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:
Type:
Condition:
Outlet:
Type: Overland defined.
Condition: Open.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Surrounded by clearcut which is several years old.

WETLAND RATING (see Introduction for criteria): I (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Tate Creek 2

LOCATION
(S,T,R): SE-SE 15, 24N, 8E
NE-NE 22, 24N, 8E

ACREAGE: 21.0

CLASSIFICATION: PSS3, PSS4

COMMUNITY
PLAN AREA: Snoqualmie
BASIN OR DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 14

Fish & Wildlife Service
Common Name
palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea) Bog
Palustrine Scrub-Shrub Needle-leaved Evergreen (Hemlock) Bog

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR TS TP
Shrubs: MF GS KO LL MD RP RS SD VO
Herbs: CD LA MU VP
Sedges/Grasses/Ferns: BD AF CX
Birds: CH GJ
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Pipe.
Condition: Partially blocked.
Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags and perches.

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR PT TS TP

Shrubs: AC GS RS SX SD

Herbs: MU NP TL

Sedges/Grasses/Ferns: AF CX CO

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition: 

Outlet: Type: Overland undefined. 
Condition: Not observed.

Outflow enters:

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Several snags; perches; downed logs.

GENERAL OBSERVATIONS: Roadside through wetland recently sprayed with herbicide. Surrounded by clearcut.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80

Inventory Date: 08/24/81

Scale: 1" = 1000'

WETLAND: Tate Creek 4

LOCATION
(S,T,R): S 14, 24N, 8E
SE-NW 14, 24N, 8E

ACREAGE: 85.0

CLASSIFICATION:

Fish & Wildlife Service
Common Name

PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Wild Crabapple) Bog

PSS3 Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea) Bog

PFO4 Palustrine Forested Needle-leaved Evergreen (Hemlock) Forested

COMMUNITY

PLAN AREA: Snoqualmie

BASIN OR DRAINAGE: Snoqualmie River

SENSITIVE AREA MAP#: 14

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  *PS AR PT TS TP*

Shrubs:  *VU AC GS KO LL MD RP RS SX SD VO VP*

Herbs:  *SC LA MU PP VP*

Sedges/Grasses/Ferns:  *SY CX CO JE PA SX PX*

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: 
Type:  
Condition:  

Outlet:  
Type: Overland defined. 
Condition: Open.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Many snags; perches; logs.

GENERAL OBSERVATIONS: Vistas from center of wetland of Mt. Si.

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR PT TS TP
Shrubs: OH AC GS KO LL LI RP RS SX SD VP
Herbs: PR TT LA MU NP OS PP TA
Sedges/Grasses/Ferns: GX AF CX CO JE IX PX
Birds: PW AR ST SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Condition:
Outlet: Type: None. Condition: Not observed.
Outflow enters:
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Many snags; perches; floating logs.

GENERAL OBSERVATIONS: McLeod Lake. Water levels do not seem to rise or fall significantly. The outlet may be underneath the Sphagnum mat on the south end of the lake. Litter at west side access point; incredible views. Air photo and transparency have been updated.

WETLAND RATING (see Introduction for criteria): 1 (c/d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  PT  TS  TP  
Shrubs:  AC  MD  RS  SX  SD  
Herbs:  LA  TL  
Sedges/Grasses/Ferns:  
Birds:  SS  
Mammals:  BE  
Fish:  
Other:  

HYDROLOGY:  
Inlet:  
Type:  
Condition:  
Outlet:  
Type:  Overland defined.  
Condition:  Open.  
Outflow enters:  Stream.  
Water movement through wetland:  
Observed water quality in wetland:  

SIGNIFICANT HABITAT FEATURES:  Many snags; perches; floating logs.  

GENERAL OBSERVATIONS:  

WETLAND RATING (see Introduction for criteria):  2  

NOTE:  Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Tibbits Creek 51

LOCATION
(S,T,R): NW 20, 24N, 6E

ACREAGE: 4.0

CLASSIFICATION:
PFO1 Palustrine Forested Broad-leaved Deciduous (Willow)

COMMUNITY
PLAN AREA: East Sammamish

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service Common Name

Forest

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR FL PT
Shrubs: SR CS RS SX SD
Herbs: PN YD SN IP NP
Sedges/Grasses/Ferns: AF PA
Birds: CG MA CO TS BS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: None.
Condition: Not observed.
Outflow enters: Lake.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Garbage present; noise from I-90.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
King County
WETLANDS INVENTORY
Volume 2 East 1990

Lower Cedar River
Photo Date: 05/01/80
Inventory Date: 07/28/81
Scale: 1" = 200'

WETLAND: Lower Cedar River 1

LOCATION
(S,T,R): NW-NW 13, 23N, 5E

ACREAGE: 0.5

CLASSIFICATION: Fish & Wildlife Service

PEM4 Palustrine Emergent Broad-leaved Nonpersistent (Pond Weed)
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)

COMMUNITY
PLAN AREA: Newcastle

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Common Name

Deep Marsh
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: 

Shrubs: RS SX SD

Herbs: PN MA TL VS

Sedges/Grasses/Ferns: SE AX EX

Birds: GB MA VS BS AR RS

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Pipe (18 inch).
Condition: Open.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Neighbors complain of wet backyards; livestock graze in wetland. 8/21/86: wetland and 50 foot buffer in NGPE. Short Plat #686049.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR FL PT TS TP

Shrubs: OH SA AC RP RS SX SD

Herbs: HF GM LA OS SS SN TL VA

Sedges/Grasses/Ferns: GX EH SM AF JE

Birds: GB GH MA RH VS TS BS RB AR ST CO SS YT YW WW

Mammals: GF RS

Fish:

Other:

HYDROLOGY:

Inlet: Type: Condition:


Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags and logs.

GENERAL OBSERVATIONS: Sewer line has been filled along side wetland; subdivision being planned for part of wetland site; garbage.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 3

LOCATION
(S,T,R): SE-NW 22, 23N, 5E
NE-SW 22, 23N, 5E

ACREAGE: 2.0

CLASSIFICATION:
PEM1 Palustrine Emergent Persistent (Cattails)
PFO1 Palustrine Forested Broad-leaved Deciduous (Alder)

COMMUNITY
Fish & Wildlife Service
Common Name
Palustrine Emergent Persistent
Shallow Marsh
Palustrine Forested Broad-leaved
Forested

PLAN AREA: Soos Creek

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Scale: 1"=200'

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TS TP
Shrubs: AC
Herbs: LA RR TL
Sedges/Grasses/Ferns: EH SM AF CX JE
Birds: VS BS AR SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Overland undefined.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 4

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

LOCATION
(S,T,R): 25, 22N, 6E

BASIN OR
DRAINAGE: Cedar River

ACREAGE: 1.4

SENSITIVE AREA MAP#: 10

CLASSIFICATION:

Fish & Wildlife Service

Common Name

PEM1
Palustrine Emergent Persistent
(Grass Sp.)
Meadow

PSS5
Palustrine Scrub-Shrub Deciduous
(Willow/Cherry)
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *PT AR*

Shrubs: *RD RL PY RS SX SD PC*

Herbs:

Sedges/Grasses/Ferns: *JE GRASS SP.*

Birds: *GF AR BS WW SS*

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Undetermined.  
Condition:

Outlet: Type: Undetermined.  
Condition:

Outflow enters:

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This wetland abuts a hillside and is wedged between two houses and a dirt road. The site is predominantly dense Willow and Scrub-Shrub species as well as horse pasture meadow. Emergent grasses have been so closely grazed that no identifications were possible.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 6

LOCATION
(S,T,R): NW-SW 24, 23N, 5E
   NE-SW 24, 23N, 5E

ACREAGE: 14.0

CLASSIFICATION:
PAB1  Palustrine Aquatic Bed
      Submergent Algal
PUB1  Palustrine Unconsolidated
      Bottom Cobble/Gravel

COMMUNITY
PLAN AREA: Soos Creek
BASIN OR
DRAINAGE: Cedar River
SENSITIVE AREA MAP#: 9

Fish & Wildlife Service	Common Name

Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):
Trees: **AR PT**
Shrubs: **SX**
Herbs: **HF**
Sedges/Grasses/Ferns:
Birds: **PG KF GB GH MA GF**
Mammals:
Fish:
Other:

HYDROLOGY:
Inlet: Type: 
Condition: 
Outlet: Type: Overland defined. 
Condition: Open.
Outflow enters: River.

Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Potential Bald Eagle (BE) habitat - refer to Appendix 2.

GENERAL OBSERVATIONS: Open water area behing rock levy along Cedar River.

WETLAND RATING (see Introduction for criteria): 1 (a)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 07/27/81
Scale: 1" = 200'

WETLAND: Lower Cedar River 7

LOCATION
(S,T,R): SE-NE 24, 23N, 5E

ACREAGE: 0.9

CLASSIFICATION: Fish & Wildlife Service
PAB1 Palustrine Aquatic Bed

COMMUNITY PLAN AREA: Newcastle

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Common Name
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs:
Herbs: IP TL
Sedges/Grasses/Ferns: JE
Birds: MA VS BS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Pipe (12 inch).
Condition: Open.
Outflow enters: Stream.
Water movement through wetland: No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Needs vegetation on north side.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 12

LOCATION
(S,T,R): NW-SE 28, 23N, 6E

ACREAGE: 1.5

CLASSIFICATION: PUB3

COMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Common Name
Fish & Wildlife Service
Palustrine Unconsolidated Bottom Mud
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs:

Herbs:

Sedges/Grasses/Ferns:

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition:

Outlet: Type: None.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Waste dump with asphalt and 50 gallon drums.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 13

LOCATION
(S,T,R): SW-NW 28, 23N, 6E
S 28, 23N, 6E

ACREAGE: 18.0

CLASSIFICATION:
PUB3  Palustrine Unconsolidated Bottom Mud
PSS1  Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)
PFO1  Palustrine Forested Broad-leaved Deciduous (Willow)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT PQ
Shrubs: SR AC CS MD SX SD
Herbs: MU OS PH SN
Sedges/Grasses/Ferns: AF LM
Birds: GB GH MA VS BS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: None. 
Condition: Not observed.
Outflow enters: None.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Many snags and logs.

GENERAL OBSERVATIONS: Airport and Cedar Hills landfill both close by; possible seepage from Cedar Hills or wetland (LCR 12); grayish/brown water color.

WETLAND RATING (see Introduction for criteria): 1 (c)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete, including rare, threatened, and/or endangered species.
**WETLAND:** Lower Cedar River 14

**LOCATION**
(S,T,R): SW-NW 30, 23N, 6E
NE-SW 30, 23N, 6E

**ACREAGE:** 43.0

**CLASSIFICATION:**
- PFO4: Palustrine Forested Needle-leaved Evergreen (Hemlock)
- PSS3: Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)
- PUB4: Palustrine Unconsolidated Bottom Organic

**COMMUNITY**
- PLAN AREA: Soos Creek

**SENSITIVE AREA MAP#:** 9

**Fish & Wildlife Service**
- Common Name
  - Bog
  - Bog
  - Open Water

**NOTE:** Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the *Federal Manual for Identifying and Delineating Jurisdictional Wetlands.*
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR TS TP
Shrubs: KO LL RP RS SD VO
Herbs:
Sedges/Grasses/Ferns: JE PX
Birds: CG MA
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.
Outflow enters: Stream.
Water movement through wetland: No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Only peat extraction site in King County; work done with drag line.

WETLAND RATING (see Introduction for criteria): 1 (c/d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 15

LOCATION:
(S,T,R): SE-SE 25, 23N, 5E
    NE-SE 25, 23N, 5E

ACREAGE: 17.0

CLASSIFICATION:

| PFO4 | Palustrine Forested Needle-leaved Evergreen (Hemlock) |
| PSS3 | Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea) |
| PSS1 | Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow) |

COMMUNITY
PLAN AREA: Soos Creek

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service

Common Name

Bog
Bog
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the *Federal Manual for Identifying and Delineating Jurisdictional Wetlands*. 

Seale: 1" "1000'

Lake
Desire
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR TS TP
Shrubs: LC CS GS KO LL LI MD RP SD
Herbs: AP GO CG IP NP OS TL
Sedges/Grasses/Ferns: SE JA AF CO EX JE LM PX
Birds: MA
Mammals: CY
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Pipe (36 inch).
Condition: Partially blocked.

Outflow enters: Lake.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags; large Hemlocks growing on Sphagnum mat.

GENERAL OBSERVATIONS: Garbage; fill on lake side of East Lake Desire Road and on north side of road.

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 16

LOCATION
(S,T,R): SW-SW 25, 23N, 5E
NW-NW 36, 23N, 5E

ACREAGE: 14.0

CLASSIFICATION:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Fish &amp; Wildlife Service</th>
<th>Common Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSS3</td>
<td>Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)</td>
<td>Bog</td>
</tr>
<tr>
<td>PEM5</td>
<td>Palustrine Emergent Narrow-leaved Persistent (Cattail)</td>
<td>Deep Marsh</td>
</tr>
<tr>
<td>PEM4</td>
<td>Palustrine Emergent Broad-leaved Nonpersistent (Potentilla)</td>
<td>Deep Marsh</td>
</tr>
<tr>
<td>PAB4</td>
<td>Palustrine Aquatic Bed Floating-leaved (Yellow Pond Lily)</td>
<td>Deep Marsh</td>
</tr>
</tbody>
</table>

COMMUNITY
PLAN AREA: Soos Creek

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TS TP
Shrubs: CS GS KO LL MD RP SX SD
Herbs: PN ZP NP PP TL UM
Sedges/Grasses/Ferns: PX
Birds: GB MA VS TS BS RB ST SS YT
Mammals: MU
Fish: 
Other: 

HYDROLOGY:

Inlet: Type:
Condition: 
Outlet: Type: Pipe (24 inch).
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: 8/12/87: Lake Desire Estate plat.

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 17

LOCATION (S,T,R): SW-SE 23, 23N, 5E

ACREAGE: 1.6

CLASSIFICATION:
- PEMS5: Palustrine Emergent Narrow-leaved Persistent (Cattail)
- PAB1: Paustrine Aquatic Bed Persistent

COMMUNITY PLAN AREA: Soos Creek

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service

Common Name

- Shallow Marsh
- Deep Marsh

Scale: 1" = 200'

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: SX
Herbs: YP ZP TL
Sedges/Grasses/Ferns: LM
Birds: GH MA KD VS BS RB SS GF
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Overland undefined.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Horse pasture surrounding site.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 18

LOCATION
(S,T,R): NW-NE 35, 23N, 5E

ACREAGE: 1.7

CLASSIFICATION: Palustrine Forested Deciduous (Alder)

COMMUNITY PLAN AREA: Tahoma Raven/Heights

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service

Common Name: Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM PT TS AR
Shrubs: AC RL RV VP RS SX SD
Herbs: MU PP RR GM LA
Sedges/Grasses/Ferns: EA AF CX HX JE DR GX PU SM
Birds: AR BC GC RS SS SJ
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Storm water drainage pipe.
Condition:
Outlet: Type: Pipe.
Condition:
Outflow enters: Pipe - stormwater conduit system.

Water movement through wetland: Channel flow with some movement.

Observed water quality in wetland: Water color is somewhat milky due to silt.

SIGNIFICANT HABITAT FEATURES: Numerous snags of all sizes.

GENERAL OBSERVATIONS: This wetland is located along a riparian corridor. It is highly impacted with trails and bridges throughout the site. It is predominantly Alder with some Forested/Scrub-Shrub species present.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
<table>
<thead>
<tr>
<th>Photo Date: 05/01/80</th>
<th>Inventory Date: 07/20/81</th>
<th>Scale: 1&quot; = 200'</th>
</tr>
</thead>
</table>

**WETLAND:** Lower Cedar River 20

**LOCATION**
(S,T,R): NE-NW 28, 23N, 5E
NW-NE 28, 23N, 5E

**ACREAGE:** 3.0

**CLASSIFICATION:**
PSSI

**COMMUNITY**
Fish & Wildlife Service

**PLAN AREA:** Soos Creek

**BASIN OR**
Common Name

**DRAINAGE:** Cedar River

**SENSITIVE AREA MAP #:** 9

*Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)*

**Scale:** 1" = 200'

**NOTE:** Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the *Federal Manual for Identifying and Delineating Jurisdictional Wetlands.*
OBSERVED SPECIES (refer to Appendix 1):

Trees: *AR PT*

Shrubs: *SX SD*

Herbs:

Sedges/Grasses/Ferns: *SE SM JE PA*

Birds: *VS BS AR SS YT GF*

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition:

Outlet: Type: Pipe (12 inch).
Condition: Open.

Outflow enters: Pipe.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Lots of garbage; located inside of county park.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 06/30/81
Scale: 1" = 500'

WETLAND: Jenkins Creek 21

LOCATION
(S,T,R): NW 28, 22N, 6E

ACREAGE: 17.0

CLASSIFICATION:
L1OW  Lacustrine Limnetic Open Water

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Green River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service  Common Name

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR FL
Shrubs: RX SX SD
Herbs: IP NO PH TL
Sedges/Grasses/Ferns: JT
Birds: RU GB MA TS BS RB AR ST
Mammals:
Fish: B N G
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Pipe.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Unconfirmed Bald Eagle (BE) habitat - refer to Appendix 2.

GENERAL OBSERVATIONS: Lake shore was recently sewered. Neighbors are complaining about abundance of domestic ducks and trout parasites.

WETLAND RATING (see Introduction for criteria): 1 (a)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Thank you for your August 6, 1992 memo requesting that Lake Lucerne be re-rated.

I have reviewed the reasoning for your request. The rating criteria pertinent to this wetland is whether it provides actual or potential Bald Eagle habitat. Specifically, whether:

..."the presence of species listed by the federal government or the State of Washington as endangered or threatened, or the presence of critical or outstanding actual habitat for those species."

I reviewed the Priority Habitat & Species (PHS) data on our GIS for documentation of Bald Eagle use. The PHS coverage did not reference Bald Eagle use of either Lake Lucerne or Pipe Lake. The closest known Bald Eagle nest in the vicinity is on the southern end of Lake Sawyer.

The unconfirmed Bald Eagle use of the lake dates back to the 1981 wetlands inventory. Given the age of the data, and the fact that more recent use has not been recorded, I agree that the wetland should be re-rated as a Class 2 wetland. Pursuant to the criteria spelled out in the Sensitive Areas Ordinance, Jenkins Creek wetland 21 (Lake Lucerne) is hereby re-rated.

Please note this rating change in your wetland inventory data sheets. This information will be updated in our database, will be incorporated in the County's GIS, and will be noted in the Inventory Update scheduled for release in December 1992.

Please call me at 296-7268 if you have any questions.

CC: file

cc: Ruth Schafer
WETLAND: Lower Cedar River 22

LOCATION
(S,T,R): SW-NE 34, 23N, 5E
NW-SE 34, 23N, 5E

ACREAGE: 12.0

CLASSIFICATION: Fish & Wildlife Service

PSS3 Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea) Bog
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack) Bog
PUB3 Palustrine Unconsolidated Bottom Mud Open Water

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  *PS AR PT TS TP*

Shrubs:  *LL MD RP SX SD*

Herbs:  *MA PN AP ZP LA MU TA VS*

Sedges/Grasses/Ferns:  *JO JA ZP CX CO EX JE LM PA PX*

Birds:  *KF GB MA VS BS SS*

Mammals:

Fish:

Other:

HYDROLOGY:

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<th>Inlet</th>
<th>Type:</th>
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<tbody>
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<table>
<thead>
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<tbody>
<tr>
<td></td>
<td>Pipe (24 inch).</td>
</tr>
<tr>
<td></td>
<td>Condition: Open.</td>
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Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:  Sewer line installed inside edge of wetland; lots of silt downstream from sewer project. Fairwood Firs used wetland for Retention/Detention runoff. 1987 – R/D system modified. South half of wetland part of Fairwood Pond Estates.

WETLAND RATING (see Introduction for criteria): 1 (d)

---

NOTE:  Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 23

LOCATION
(S,T,R): SW-SW 34, 23N, 5E
SE-SW 34, 23N, 5E

ACREAGE: 7.8

CLASSIFICATION:

<table>
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<td>PSS3</td>
<td>Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)</td>
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<tr>
<td>PSS1</td>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)</td>
<td>Scrub-Shrub</td>
</tr>
<tr>
<td>PFO1</td>
<td>Palustrine Forested Broad-leaved Deciduous (Oregon Ash)</td>
<td>Forested</td>
</tr>
<tr>
<td>PFO4</td>
<td>Palustrine Forested Needle-leaved Evergreen (Hemlock)</td>
<td>Forested</td>
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</table>

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR FL PT TS TP
Shrubs: OH SR AC LL MD RP RS SX SD
Herbs: LA MU OS RR VS VP
Sedges/Grasses/Ferns: AF PX
Birds: RH CQ SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:
Type:
Condition:
Outlet:
Type: Overland undefined.
Condition: Not observed.

Outflow enters: Wetland.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 1 (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 25

LOCATION
(S,T,R): SW-NE 35, 23N, 5E
NW-SE 35, 23N, 5E

ACREAGE: 5.0

CLASSIFICATION:

<table>
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<td>PSS3</td>
<td>Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)</td>
<td>Bog</td>
</tr>
<tr>
<td>PSS1</td>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)</td>
<td>Bog</td>
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</table>

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR FL PQ TS TP
Shrubs: KO LL MD RP SD VO
Herbs:
Sedges/Grasses/Ferns: CO
Birds: RH SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Condition:
Outlet: Type: Overland undefined. Condition: Not observed.

Outflow enters: Wetland.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Part of wetland inside Lake Young property.

WETLAND RATING (see Introduction for criteria): I (d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80  Inventory Date: 07/23/81  N  Scale: 1" = 1000'

WETLAND: Lower Cedar River 28

LOCATION
(S,T,R): S 31, 23N, 6E
     NE 6, 22N, 6E

ACREAGE: 83.0
CLASSIFICATION:

PSS3  Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)
PSS1  Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack/Crabapple)
PFO1  Palustrine Forested Broad-leaved Deciduous (Alder)
PFO4  Palustrine Forested Needle-leaved Evergreen (Hemlock)
L1UB  Lacustrine Limnetic Unconsolidated Bottom

COMMUNITY

PLAN AREA: Soos Creek

SENSITIVE AREA MAP#: 10
Common Name

Fish & Wildlife Service

Bog
Scrub-Shrub
Forest
Bog
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS PY AR TS TP

Shrubs: SR OH AC CS KO LL MD RP RS SX SD VO

Herbs: TT DR LS LA MU OS PP TL

Sedges/Grasses/Ferns: EC SM AF CX CO PX

Birds: GB CG MA TS BS RB AR ST SS YW

Mammals: CY RA RO

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition:

Outlet: Type: Open channel.
Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Potential Bald Eagle (BE) habitat - refer to Appendix 2; many snags; logs; perches. River otter den

GENERAL OBSERVATIONS: Excellent educational example of a transitional bog. Application by Allied Aquatics for applying multiple herbicides to lake waters. Under study—may require a Sensitive Areas study or EIS: 017-84SH.

WETLAND RATING (see Introduction for criteria): 1 (a/d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 29

LOCATION
(S,T,R): SW-NW 32, 23N, 6E

ACREAGE: 1.3

CLASSIFICATION: PEM5

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Palustrine Emergent Narrow-leaved Persistent (Rush)

Common Name
Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs:
Herbs: *IP TL*
Sedges/Grasses/Ferns:
Birds: *MA BS*
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:
  Type:
  Condition:
Outlet:
  Type: Open channel.
  Condition: Partially blocked.
Outflow enters: Stream.

Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Livestock grazing and pasture surrounding site. Owner denied access to wetland. *Marsh* symbol not printed in the 1990 Sensitive Areas Map Folio.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 30

LOCATION
(S,T,R): SW-SW 28, 23N, 6E

ACREAGE: 2.7

CLASSIFICATION: Fish & Wildlife Service
PUB1 Palustrine Unconsolidated Bottom Cobble/Gravel

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Common Name
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs:

Herbs:

Sedges/Grasses/Ferns:

Birds: BH HG

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Condition:

Outlet: Type: None.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Sand and gravel pit settling pond. Dust; mud; and noise prevalent.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 31

LOCATION
(S,T,R): NE-NW 33, 23N, 6E
NW-NE 33, 23N, 6E

ACREAGE: 10.5

CLASSIFICATION: Fish & Wildlife Service
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)

COMMUNITY
Plan Area: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Common Name
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: FL PT TP
Shrubs: SX SD
Herbs: OS
Sedges/Grasses/Ferns: SE AF LM
Birds: GB GH RH VS BS AR ST SS YT YW GF
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Not observed.
Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 32

LOCATION
(S,T,R): NE-NW 33, 23N, 6E

ACREAGE: 1.7

CLASSIFICATION:
- PUB3
  - Palustrine Unconsolidated Bottom Mud
- PUB1
  - Palustrine Unconsolidated Bottom Cobble/Gravel

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service

Common Name
- Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs:
Herbs:
Sedges/Grasses/Ferns:
Birds: *KF GB GH*
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Open channel,
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Private pond; anadromous fish run into pond.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 33

LOCATION
(S,T,R): NE-NW 34, 23N, 6E
    NW-NE 34, 23N, 6E

ACREAGE: 25.7

CLASSIFICATION:

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<td>PUB4</td>
<td>Palustrine Unconsolidated Bottom Organic</td>
<td>Open Water</td>
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<td>PSS4</td>
<td>Palustrine Scrub-Shrub Needle-leaved Evergreen (Hemlock)</td>
<td>Bog</td>
</tr>
<tr>
<td>PSS3</td>
<td>Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)</td>
<td>Bog</td>
</tr>
<tr>
<td>PFO4</td>
<td>Palustrine Forested Needle-leaved Evergreen (Hemlock)</td>
<td>Bog</td>
</tr>
</tbody>
</table>

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS PY AR PT TS TP
Shrubs: OH AC CS GS KO LL LI RP RS SX SD VO VP
Herbs: TT LA MU PP TL VS
Sedges/Grasses/Ferns: AF CX JE PX
Birds: SS VS TS BS AR ST SS RS
Mammals: BF
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Numerous snags and some logs.

GENERAL OBSERVATIONS: Sasquatch (BF) sitting by resident.

WETLAND RATING (see Introduction for criteria): 1 (c/d).

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 34

LOCATION
(S,T,R): SE-NW 34, 23N, 6E
NE-SW 34, 23N, 6E

ACREAGE: 2.5

CLASSIFICATION: PSSI

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service

PSS1

Common Name

Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TS TP

Shrubs: GS MD RP RS SX SD VP

Herbs: LA

Sedges/Grasses/Ferns:

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition: 

Outlet: Type: Open channel. 
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 08/03/81

WETLAND: Lower Cedar River 36

LOCATION
(S,T,R): W 34, 23N, 6E

ACREAGE: 21.0

CLASSIFICATION:
- PSS1: Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack/Willow)
- PAB4: Palustrine Aquatic Bed Floating-leaved (Water Shield)
- POW: Palustrine Open Water

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

SENSITIVE AREA MAP#: 10

COMMON NAME
- Scrub-Shrub
- Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: ARPT
Shrubs: RP SX SD
Herbs: BS MA NP OS PP UM VS
Sedges/Grasses/Ferns: CX JT PA PX
Birds: BP GB CG MA RH VR VS TS BS RB AR ST SS YT
Mammals: MU RA MI
Fish: 
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: 8/24/84: Review of area for Short Plat #784057.

WETLAND RATING (see Introduction for criteria): 1 (b/c)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 9/9/89
Inventory Date: 7/19/90
Scale: 1" = 500'

WETLAND: Lower Cedar River 37

LOCATION
(S,T,R): NW-SE 19, 23N, 6E

ACREAGE: 30.0

CLASSIFICATION:

PSS5
Palustrine Scrub-Shrub
Deciduous (Willow/Hardhack)

PFO6
Palustrine Forested Deciduous
(Alder/Willow)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service

Common Name

Scrub-Shrub

Forest

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM PT TS AR PS
Shrubs: RL RV SR RS SX SD
Herbs:
Sedges/Grasses/Ferns:
Birds: GF BS BC FL SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Stream.
Condition:

Outlet: Type: River.
Condition:

Outflow enters: River.

Water movement through wetland: Standing flow.

Observed water quality in wetland: Water is clear.

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This is a forested scrub-shrub wetland that has been isolated by a bend in the river. There is limited access from Cedar Grove Park road to the site.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
<table>
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<tr>
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<th><strong>SYNONYMS:</strong> Palustrine Unconsolidated Bottom Mud</th>
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<td><strong>LOCATION (S,T,R):</strong> SE-NW 34, 23N, 5E</td>
<td><strong>COMMON NAME:</strong> Open Water</td>
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<td><strong>ACREAGE:</strong> 0.9</td>
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</table>

**NOTE:** Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *ARTS*

Shrubs: *SD*

Herbs: *PHRR*

Sedges/Grasses/Ferns: *JE*

Birds: *MA*

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition:

Outlet: Type: Overland undefined.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Livestock grazing and manure in and around wetland; private pond.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 39

LOCATION
(S,T,R): NW-NE 4, 22N, 6E

ACREAGE: 10.0

CLASSIFICATION: Fish & Wildlife Service

PEM1 Palustrine Emergent Persistent (Juncus/Typha)
PSS5 Palustrine Scrub-Shrub Deciduous (Willow)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PT AR

Shrubs: RD SX

Herbs: CI RR LA TL

Sedges/Grasses/Ferns: EA AG AF HX JE CX

Birds: GF BS YT

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Undetermined. Condition:

Outlet: Type: Undetermined. Condition:

Outflow enters: Field.

Water movement through wetland: Standing flow.

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This is an Alder and Willow wetland with Typha and Juncus species found on the emergent region. The pasture is fenced with wire.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 40

LOCATION
(S,T,R): SE-SW 6, 22N, 6E

ACREAGE: 6.5

CLASSIFICATION: Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
PESM5 Palustrine Emergent narrow-leaved Persistent (Rush)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs: RP SX SD
Herbs: LA PH VS VP
Sedges/Grasses/Ferns: GX JB JA CO EX JE JS
Birds: GB VR VS BS RB SS YT
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Pipe (8 inch).
Condition: Not observed.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Located in pasture; slow drainage.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 41

LOCATION
(S,T,R): SE-SE 6, 22N, 6E

ACREAGE: 0.4

CLASSIFICATION: PUB3
Fish & Wildlife Service
Palustrine Unconsolidated Bottom Mud

PEM5
Palustrine Emergent Narrow-leaved Persistent (Cattail)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs: SX

Herbs: HF RR TL

Sedges/Grasses/Ferns: EX

Birds: GB MA BS RB SS

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition: 

Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Transmission lines alongside wetland.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 42

LOCATION
(S, T, R): SW-NW 5, 22N, 6E
NW-SW 5, 22N, 6E

ACREAGE: 15.0

CLASSIFICATION:
PUB3
Palustrine Unconsolidated Bottom Mud

PSS1
Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service

Common Name

Open Water

Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: Rp Sx Sd
Herbs: Np Pp Tl
Sedges/Grasses/Ferns: CX
Birds: Gb Ma Yt
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:

Outlet:

Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Peterson Lake. Lake level has been lowered due to reshaping of outlet.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 44

LOCATION (S,T,R): NE-NW 3, 22N, 6E

ACREAGE: 0.7

CLASSIFICATION: PSS

COMMUNITY PLAN AREA: Tahoma/Raven Heights

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

CLASSIFICATION: Fish & Wildlife Service

Common Name: Palustrine Scrub Shrub

Common Name: Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs:
Herbs:
Sedges/Grasses/Ferns:
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: None.
Condition: Not observed.
Outflow enters: None.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Small pond; site not visited during 1983 inventory.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 45

LOCATION
(S,T,R): NE-NW 3, 22N, 6E

ACREAGE: 0.5

CLASSIFICATION: PSS

COMMUNITY
Fish & Wildlife Service

Palustrine Scrub Shrub

Fish & Wildlife Service

Common Name

Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs:
Herbs:
Sedges/Grasses/Ferns:
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: None.
Condition: Not observed.
Outflow enters: None.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Small pond; site not visited during 1983 inventory. Wetland site inadvertently omitted from the 1987 or 1990 Sensitive Areas Map Folio.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
**WETLAND:** Lower Cedar River 47  
**LOCATION**  
(S,T,R): SE-SE 34, 23N, 6E  
NE-NE 3, 22N, 6E  
**ACREAGE:** 2.1  
**CLASSIFICATION:** Fish & Wildlife Service  
PFO1 Palustrine Forested Broad-leaved Deciduous (Alder/Willow)  
**COMMUNITY**  
PLAN AREA: Tahoma/Raven Heights  
**BASIN OR DRAINAGE:** Cedar River  
**SENSITIVE AREA MAP#:** 10  
**NOTE:** Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TP
Shrubs: RP RS SX SD
Herbs: MU OS RR
Sedges/Grasses/Ferns: AF
Birds: AR ST SS YT
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: 
  Type:
  Condition:
Outlet: 
  Type: Pipe (30 inch).
  Condition: Open.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Site alongside SE 192 Street.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 48

LOCATION (S,T,R): NW-NE 2, 22N, 6E
SW-NE 2, 22N, 6E

ACREAGE: 2.5

CLASSIFICATION:
- PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
- PUB3 Palustrine Unconsolidated Bottom Mud

COMMUNITY PLAN AREA: Tahoma/Raven Heights
BASIN OR DRAINAGE: Cedar River
SENSITIVE AREA MAP#: 10

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  AR

Shrubs:  SX SD

Herbs:

Sedges/Grasses/Ferns:  SE AF EX PA

Birds:  BP MA ST

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:  
Condition:

Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Clearing and bulldozing inside wetland.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 08/05/81
Scale: 1" = 500'

WETLAND: Lower Cedar River 49

LOCATION
(S,T,R): SE-NE 2, 22N, 6E
SW-NW 1, 22N, 6E

ACREAGE: 12.1

CLASSIFICATION: PFO1
Fish & Wildlife Service
Palustrine Forested Broad-leaved (Alder)

COMMUNITY
Plan Area: Tahoma/Raven Heights

BASIN OR
Drainage: Cedar River

SENSITIVE AREA MAP#: 10
Common Name
Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TS TP
Shrubs: SR CS GS RP RS SX SD
Herbs: SZ PE LS HF LA MU OS SD
Sedges/Grasses/Ferns: SE SM AX AF CA EX
Birds: RG VS BS AR ST SS YW
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:
  Type:
  Condition:

Outlet:
  Type: Open channel.
  Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Neighbors report plugged drainage ditches are flooding area.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TP

Shrubs: RP RD RL OC SX SD PZ

Herbs: CI RR UD VA LA

Sedges/Grasses/Ferns: CR CX JE

Birds: AR BC CW FL RS

Mammals:

Fish:

Other: BF

HYDROLOGY:

Inlet:  
Type: Undetermined.
Condition:

Outlet:  
Type: Undetermined.
Condition:

Outflow enters:

Water movement through wetland: Standing flow.

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Several snags.

GENERAL OBSERVATIONS: This is a mosaic wetland which is hydrologically connected with Lower Cedar River 133 to the north but is split by a road (SE 216th Street). The meadows are predominantly Willow, Alder, Spirea, and Soft Rush species.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs: SX
Herbs: LS PN TL
Sedges/Grasses/Ferns: SE JS
Birds: GB CG MA
Mammals: BB RA
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 

Outlet: Type: Pipe (24 inch).
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Marsh developed into backyard pond by Soil Conservation Service.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 50

LOCATION
(S,T,R): NE-SE 2, 22N, 6E
SE-SE 2, 22N, 6E

ACREAGE: 13.0

CLASSIFICATION:
PFO1 Palustrine Forested Broad-leaved (Alder)
PUB3 Palustrine Unconsolidated Bottom Mud

COMMITTEE
PLAN AREA: Tahoma/Raven Heights
BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service

Common Name
Forested
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TS TP
Shrubs: AC CS RP RS SX SD
Herbs: LP LA MU OS RR SS SD
Sedges/Grasses/Ferns: SE SM EX
Birds: GB MA
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Pipe (48 inch).
Condition: Partially blocked.

Outlet: Type: Pipe (48 inch).
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 08/03/81

WETLAND: Lower Cedar River 54

LOCATION
(S,T,R): SE-SW 3, 22N, 6E

ACREAGE: 4.5

CLASSIFICATION: Fish & Wildlife Service

PEM5
Palustrine Emergent Narrow-leaved Persistent (Cattail)

PSS1
Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Common Name
Shallow Marsh
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT
Shrubs: RP RS SX
Herbs: OS RR TL
Sedges/Grasses/Ferns: JT
Birds: VS BS RB AR ST YT
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: Open channel.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Manure; garbage; livestock in wetland.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 55

LOCATION
(S,T,R): NE-NE 9, 22N, 6E

ACREAGE: 0.4

CLASSIFICATION:
POW

COMMUNITY
Plan Area: Tahoma/Raven Heights
Basin or Drainage: Cedar River

Sensitive Area Map#: 10

Classification:
Fish & Wildlife Service: Palustrine Open Water
Common Name: Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs:
Herbs:
Sedges/Grasses/Ferns:
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Unknown.
Condition: Unknown.

Outflow enters: Unknown.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Small pond; site not visited during 1983 inventory.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 58

LOCATION
(S,T,R): NE-NE 10, 22N, 6E
NW-NW 11, 22N, 6E

ACREAGE: 9.0

CLASSIFICATION:
PEM5 Palustrine Emergent Narrow-leaved Persistent (Scirpus)
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Common Name
Wet Meadow
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: RP SX SD
Herbs: TL
Sedges/Grasses/Ferns: SM AF JE JX PA SV
Birds: PH RH BS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Overland undefined.
Condition: Not observed.
Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Portion of wetland is pastured.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 60

LOCATION
(S,T,R): NE-NW 11, 22N, 6E

ACREAGE: 2.0

CLASSIFICATION:

PFO1
Palustrine Forested Broad-leaved Deciduous (Alder)

COMUNITY
Tahoma/Raven Heights

PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Common Name

Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: CS RP RS SX
Herbs: LA TL
Sedges/Grasses/Ferns: AF
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Overland undefined.
Condition: Not observed.
Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 61

LOCATION
(S.T.R): SE-SE 4, 22N, 6E

ACREAGE: 0.9

CLASSIFICATION:
PEMS

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Common Name

Palustrine Emergent Narrow-leaved Persistent (Yellow Iris)
Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TP
Shrubs: SX SD
Herbs: IP TL
Sedges/Grasses/Ferns: JE
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Overland undefined.
Condition: Not observed.

Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 62

LOCATION
(S,T,R): SE-NE 11, 22N, 6E

ACREAGE: 1.0

CLASSIFICATION: Palustrine Aquatic Bed

COMMUNITY
COMMON NAME: Open Water

PLAN AREA: Tahoma/Raven Heights

SENSITIVE AREA MAP#: 10

BASIN OR DRAINAGE: Cedar River

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: SX
Herbs: PN ZP
Sedges/Grasses/Ferns: CA JE
Birds: HM GB MA VS BS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Partially blocked.
Outflow enters: Stream.
Water movement through wetland: No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 63
LOCATION (S,T,R): SE-NE 35, 23N, 5E
ACREAGE: 0.7
CLASSIFICATION: PSS1

COMMUNITY PLAN AREA: Soos Creek
BASIN OR DRAINAGE: Cedar River
SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

Common Name
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR PT TS TP
Shrubs: AC MD RP SX SD
Herbs: OS VS
Sedges/Grasses/Ferns: AF
Birds: VS BS SS RS
Mammals: DE
Fish:
Other:

HYDROLOGY:

Inlet: 
Type: 
Condition: 

Outlet: Type: Pipe (10 inch).
Condition: Open.

Outflow enters: None.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Fill in northern end of wetland.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 64

LOCATION
(S,T,R): SE-SE 7, 22N, 7E
NW-NE 18, 22N, 7E

ACREAGE: 14.5

CLASSIFICATION:

PSS1  Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack/Willow)
PFO1  Palustrine Forested Broad-leaved Deciduous (Alder)
PAB4  Palustrine Aquatic Bed Floating-leaved (Yellow Pond Lily)
PAB2  Palustrine Aquatic Bed Submergent Vascular
PUB1  Palustrine Unconsolidated Bottom Cobble/Gravel

COMMMUNITY

PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10
Common Name

Fish & Wildlife Service
Scrub-Shrub
Forested
Open Water
Open Water
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR TP
Shrubs: AC CS SX SD
Herbs: PN NP UM
Sedges/Grasses/Ferns: AX CX
Birds: PG GB MA
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:
Type:
Condition:

Outlet:
Type: Pipe (18 inch).
Condition: Open.
Outflow enters: Wetland.

Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Series of ponds partially surrounded by Single Family homes.

WETLAND RATING (see Introduction for criteria): 1 (c)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 08/04/81

WETLAND: Lower Cedar River 65

LOCATION
(S,T,R): SW-SW 12, 22N, 6E

ACREAGE: 0.7

CLASSIFICATION: Fish & Wildlife Service

PEM5 Palustrine Emergent Narrow-leaved Persistent (Water Sedge)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Common Name
Shallow Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TS TP

Shrubs: OH AC RP RS SX SD

Herbs: LP LA MU OS RR TL VS

Sedges/Grasses/Ferns: SE JA AF CA CX JE

Birds: MA AR ST SS

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet:

Type:

Condition:

Outlet:

Type: Open channel.

Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 66

LOCATION
(S,T,R): SE-SW 13, 22N, 6E

ACREAGE: 1.0

CLASSIFICATION: Fish & Wildlife Service

PFO4 Palustrine Forested Needle-leaved Evergreen (Sitka Spruce/Western Red Cedar)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM PS AR PT TS TP
Shrubs: SR AC GS RP RS SX SD
Herbs: TT LS LA MU OS TL VA
Sedges/Grasses/Ferns: BD AF CA JE LM SX
Birds: BP RG VS BS AR ST
Mammals: DE CY BB RA
Fish:
Other:

HYDROLOGY:

Inlet: 
Type: 
Condition: 
Outlet: 
Type: Overland defined. 
Condition: Partially blocked.
Outflow enters: Stream.
Water movement through wetland: 
Observed water quality in wetland: 

SIGNIFICANT HABITAT FEATURES: A number of snags and logs are present.

GENERAL OBSERVATIONS: Proposed plat surrounding wetland; wetland and surrounding area have been cleared.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 67

LOCATION
(S,T,R): SW 13, 22N, 6E

ACREAGE: 6.7

CLASSIFICATION: Fish & Wildlife Service

<table>
<thead>
<tr>
<th>Classification</th>
<th>Common Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSS1</td>
<td>Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow/Hardhack)</td>
</tr>
<tr>
<td>PFO1</td>
<td>Palustrine Forested Broad-leaved Deciduous (Alder)</td>
</tr>
<tr>
<td>PAB4</td>
<td>Palustrine Aquatic Bed Floating-leaved (Yellow Pond Lily)</td>
</tr>
<tr>
<td>PAB2</td>
<td>Palustrine Aquatic Bed Submergent Vascular</td>
</tr>
</tbody>
</table>

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  PS AR PT TS TP
Shrubs:  SR OH AC CS.GS RP RS SX SD VP
Herbs:  TT SZ MP GM LA MU OS RR
Sedges/Grasses/Ferns:  GX BD SM AF CX JX LM PA
Birds:  RH RG VS BS AR ST SS WW
Mammals:
Fish:
Other:  

HYDROLOGY:

Inlet:  
Type:  
Condition:  
Outlet:  
Type:  Open channel.
Condition:  Partially blocked.
Outflow enters:  Stream.
Water movement through wetland:  No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:  Wetland has been logged; partially filled; some homes experiencing flooding problems. 9/24/85: Proposed Short Plat #885067.

WETLAND RATING (see Introduction for criteria):  2

NOTE:  Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 68

LOCATION
(S,T,R): NW-SW 13, 22N, 6E

ACREAGE: 0.8

CLASSIFICATION: PFO4, PUB3

Fish & Wildlife Service
Palustrine Forested Needle-leaved Evergreen (Western Red Cedar)
Palustrine Unconsolidated Bottom Mud

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR PT TS TP

Shrubs: SR OH AC CS GS RP RS VP

Herbs: TT LA MU OS RR SS VA

Sedges/Grasses/Ferns: SM AF CX EX JX

Birds: RG VS BS AR ST SS WW

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:
      Condition:

Outlet: Type: Pipe (30 inch).
      Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Some logging and road fill in wetland; proposed plat in surrounding area.

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 69
LOCATION (S,T,R): SW-NE 24, 22N, 6E
ACREAGE: 5.5
CLASSIFICATION: Fish & Wildlife Service

COMMUNITY PLAN AREA: Tahoma/Raven Heights
BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service Common Name
PUB1 Palustrine Unconsolidated bottom Cobble/Gravel Open Water
PFO1 Palustrine Forested Broad-leaved Deciduous (Willow) Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR
Shrubs: PC SR AC CS RS SX SD
Herbs: HF UD MU RR
Sedges/Grasses/Ferns: AF
Birds: VS TS BS AR
Mammals: RO
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Pipe (36 inch).
Condition: Open.

Outflow enters: River.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Many logs and some snags; River Otter haulout.

GENERAL OBSERVATIONS: Old river channel blocked by railroad grade.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 70

LOCATION (S,T,R): NE-SW 12, 22N, 6E

ACREAGE: 1.0

CLASSIFICATION: Fish & Wildlife Service

PFO1 Palustrine Forested Broad-leaved Deciduous (Willow)

COMMUNITY

PLAN AREA: Tahoma/Raven Heights

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Common Name

Forest

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TP
Shrubs: AC CS RS SX
Herbs: LA OS RR SS SD VP
Sedges/Grasses/Ferns: SM
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: None.
Condition: Not observed.
Outflow enters: None.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Road noise and drainage from SE 216th Street.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 71
LOCATION (S,T,R): SW-NW 12, 22N, 6E
ACREAGE: 0.5
CLASSIFICATION: Palustrine Forested Broad-leaved Deciduous (Alder)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:
Shrubs:
Herbs:
Sedges/Grasses/Ferns:
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: Unknown. 
Condition: Unknown. 
Outflow enters: Unknown. 
Water movement through wetland: 
Observed water quality in wetland: 

SIGNIFICANT HABITAT FEATURES: 

GENERAL OBSERVATIONS: Small pond; site not visited during 1983 inventory. 

WETLAND RATING (see Introduction for criteria): 3 

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 72

LOCATION
(S,T,R): SW-NW 12, 22N, 6E

ACREAGE: 3.0

CLASSIFICATION: PFO1

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Common Name

Palustrine Forested Broad-leaved Deciduous (Alder)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TP
Shrubs: CS RS SX SD
Herbs: LA OS RR
Sedges/Grasses/Ferns: AF
Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Open channel.
Condition: Not observed.
Outflow enters: Stream.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Noise and runoff from SE 216th Street.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 73

LOCATION
(S,T,R): SE-NE 11, 22N, 6E
NE-SE 11, 22N, 6E

ACREAGE: 18.0

CLASSIFICATION:
PEM
Palustrine Emergent (Juncus effusus)
PSS5
Palustrine Scrub-Shrub Deciduous (Willow/Hardhack/Dogwood)
PFO1
Palustrine Forested Broad-leaved Deciduous (Alder)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR TS TP
Shrubs: SR CS RS SX SD RD
Herbs: LA MU OS RR
Sedges/Grasses/Ferns: CX JE SE EH AF CS
Birds: AR SS GB MA
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Ditch.
Condition:
Condition: Open.

Outflow enters: Stream.

Water movement through wetland: Channel flow with some movement - standing flow.

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This is a predominantly Scrub-Shrub wetland (Willow/ Dogwood/Hardhack) with emergent areas of Soft Rush species. Excellent detention site noted in 1981. This inventory updates and includes information for Lower Cedar River 73 from the original inventory (1983).

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 74

LOCATION (S,T,R): NW-SE 9, 22N, 6E

ACREAGE: 0.8

CLASSIFICATION: PUB3

COMMUNITY PLAN AREA: Tahoma/Raven Heights

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Palustrine Unconsolidated Bottom Mud

Common Name
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs:

Herbs:

Sedges/Grasses/Ferns:

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Condition:

Outlet: Type: Unknown.
Condition: Unknown.

Outflow enters: Unknown.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Small pond; site not visited during 1983 inventory.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 75

LOCATION
(S,T,R): NW-NW 16, 22N, 6E

ACREAGE: 0.4

CLASSIFICATION: Fish & Wildlife Service
PUB3 Palustrine Unconsolidated
Bottom Mud

COMMUNITY
PLAN AREA: Tahoma/Raven Heights
BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Common Name
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: \textit{AR}

Shrubs: \textit{SX SD}

Herbs: \textit{VS}

Sedges/Grasses/Ferns: \textit{COJX LM}

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition:

Outlet: Type: None.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Private pond.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 76

LOCATION
(S,T,R): NE-NW 16, 22N, 6E

ACREAGE: 4.0

CLASSIFICATION: Palustrine Forested Broad-leaved Deciduous (Willow)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service
Common Name

PFO1
Forested
OBSERVED SPECIES (refer to Appendix 1):

Trees: PT TP
Shrubs: CS RS SX SD
Herbs: LA OS RR
Sedges/Grasses/Ferns: AF CX

Birds:
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: Pipe (2 - 10 inch).
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Traffic noise from Sweeney Road.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 77

LOCATION
(S,T,R): SE-NW 14, 22N, 6E
    SW-NE 14, 22N, 6E

ACREAGE: 14.0

CLASSIFICATION:

PSS1  Palustrine Scrub-Shrub Broad-leaved Deciduous
       (Hardhack/Cascara)
PUB4  Palustrine Unconsolidated Bottom Organic
PFO4  Palustrine Forested Needle-leaved Evergreen (Sitka Spruce)
PFO1  Palustrine Forested Broad-leaved Deciduous (Alder)

COMMUNITY

PLAN AREA: Tahoma/Raven Heights

BASIN OR

DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:  PS AR FL PT TS TP
Shrubs:  AC KO LL MD RP RS SX SD VO
Herbs:   MU NP OS PP RR TA TL
Sedges/Grasses/Ferns:  BD CA JE PX
Birds:  RH VS TS BS AR ST CO SS YW WW GF
Mammals:
Fish:
Other:

HYDROLOGY:

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<td>Type: Open channel.</td>
<td>Condition: Partially blocked.</td>
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Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:  Bog; pasture and fence border on part of wetland; some logging years prior to 1981.

WETLAND RATING (see Introduction for criteria):  1 (c/d)

NOTE:  Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 79

LOCATION
(S,T,R): SE-NE 22, 22N, 6E

ACREAGE: 0.3

CLASSIFICATION:
Fish & Wildlife Service
Palustrine Unconsolidated Bottom Cobble/Gravel

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AMAR
Shrubs: PC AC CS
Herbs: TL
Sedges/Grasses/Ferns:
Birds: GB
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: None.
Condition: Not observed.

Outflow enters: River.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Railroad grade bisects wetland.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80  Inventory Date: 07/30/81  Scale: 1" = 500'

WETLAND: Lower Cedar River 80

LOCATION
(S,T,R): NW-NW 24, 22N, 6E
NE-NW 24, 22N, 6E

ACREAGE: 2.5

CLASSIFICATION: Palustrine Forested Broad-leaved Deciduous (Willow)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TP
Shrubs: AC CS SX
Herbs: SD VP
Sedges/Grasses/Ferns: SM
Birds: AR ST
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet:
Type: 
Condition:

Outlet:
Type: Overland defined.
Condition: Not observed.

Outflow enters: River.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 81

LOCATION (S,T,R): SE-NE 24, 22N, 6E

ACREAGE: 4.5

CLASSIFICATION: PEM3

COMMUNITY PLAN AREA: Tahoma/Raven Heights

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service Common Name

Palustrine Emergent Narrow-leaved Nonpersistent (Sedge) Deep Marsh

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

- Trees: AR PT
- Shrubs: SX SD
- Herbs: TL VS
- Sedges/Grasses/Ferns: CX EX JE LM
- Birds: GB MA VS BS AR ST
- Mammals:
- Fish:
- Other:

HYDROLOGY:

- Inlet: Type: Condition:
- Outlet: Type: None. Condition: Not observed.
- Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 82

LOCATION
(S,T,R): NE-NE 30, 22N, 7E
NW 29, 22N, 7E

ACREAGE: 18.5
CLASSIFICATION:
PEM3 Palustrine Emergent Narrow-leaved Nonpersistent (Dulichium)
PEM4 Palustrine Emergent Broad-leaved Nonpersistent (Bog Bean)
PSS3 Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)
PUB1 Palustrine Unconsolidated Bottom Cobble/Gravel
PUB4 Palustrine Unconsolidated Bottom Organic

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10
Fish & Wildlife Service
Common Name
Deep Marsh
Deep Marsh
Bog
Open Water
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT TS TP

Shrubs: AC CS GS KO LL MD RP RS SX SD VP

Herbs: MT NP PP

Sedges/Grasses/Ferns: CX DA PA PX

Birds: BP VS TS BS AR ST SS

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type:
Condition:

Outlet: Type: None.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Some snags and logs.

GENERAL OBSERVATIONS: Five acre lots for sale along western wetland edge.

WETLAND RATING (see Introduction for criteria): 1(b/c/d)

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 83
LOCATION (S,T,R): SW-NW 30, 22N, 7E
ACREAGE: 14.0
CLASSIFICATION:
PSS3 Palustrine Scrub-Shrub Broad-leaved Evergreen (Labrador Tea)
PUB4 Palustrine Unconsolidated Bottom Organic

COMMUNITY
PLAN AREA: Tahoma/Raven Heights
BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10
Common Name
Fish & Wildlife Service
Bog
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *PS TS TP*

Shrubs: *GS KO LL MD RP SX VO*

Herbs: *DR NP PP*

Sedges/Grasses/Ferns: *EC JX PX*

Birds: *GB*

Mammals: 

Fish: 

Other:

HYDROLOGY:

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Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES: Some snags and logs.

GENERAL OBSERVATIONS: Transmission lines along south edge of bog.

WETLAND RATING (see Introduction for criteria): 1 (c/d)

---

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 84

LOCATION
(S,T,R): NW-SW 32, 22N, 7E

ACREAGE: 1.4

CLASSIFICATION: Fish & Wildlife Service

PEM5 Palustrine Emergent Narrow-leaved Persistent (Water Sedge)
PAB4 Palustrine Aquatic Bed Floating-leaved (Marsh Pepper)
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Willow)

COMMUNITY

PLAN AREA: Tahoma/Raven Heights

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Common Name

Deep Marsh
Deep Marsh
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs: SX SD

Herbs: PN RD IP RO TL VV

Sedges/Grasses/Ferns: SE CA EX LM

Birds: GB MA RH VS BS

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition: 

Outlet: Type: Overland undefined.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Actual outlet is an underground stream; Retreat Lake flows to this wetland; in winter water level gets approximately 6 feet deep.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 85

LOCATION (S,T,R): NW-NE 5, 21N, 7E

ACREAGE: 6.5

CLASSIFICATION:
PUB4 Palustrine Unconsolidated Bottom Organic
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

COMMUNITY PLAN AREA: Tahoma/Raven Heights

BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Fish & Wildlife Service

Common Name

Open Water

Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR PT PQ
Shrubs: AC CS SX SD
Herbs: PN
Sedges/Grasses/Ferns: DA
Birds: PG GB
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:
Condition:
Outlet: Type: None.
Condition: Not observed.
Outflow enters: None.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS:

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 05/01/80
Inventory Date: 07/29/81
Scale: 1" = 200'

WETLAND: Lower Cedar River 86

LOCATION
(S,T,R): SW-NE 5, 21N, 7E

ACREAGE: 4.5

CLASSIFICATION: Fish & Wildlife Service

PUB4
Palustrine Unconsolidated Bottom Organic

PSS1
Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

Common Name
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *MMAR*

Shrubs: *CC MD XX SD*

Herbs:

Sedges/Grasses/Ferns: *AF AA*

Birds: *GB*

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition: 

Outlet: Type: None.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Depression.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 87

LOCATION
(S,T,R): SW 4, 21N, 7E
SE 4, 21N, 7E

ACREAGE: 22.0

CLASSIFICATION:
PEM3 Palustrine Emergent Narrow-leaved Nonpersistent (Dulichium)
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *PS AR PT TP*

Shrubs: *SD*

Herbs: *MT NP*

Sedges/Grasses/Ferns: *CX DA*

Birds: *GB SS*

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: 
Condition: 

Outlet: Type: None.
Condition: Not observed.

Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: No outlet was found.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 88

LOCATION
(S,T,R): SE-NE 2, 22N, 6E

ACREAGE: 0.6

CLASSIFICATION:
Fish & Wildlife Service
Palustrine Open Water

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

POW
Open Water

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs:

Herbs:

Sedges/Grasses/Ferns:

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Condition: Unknown.

Outlet: Type: Unknown.

Condition: Unknown.

Outflow enters: Unknown.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Small pond; site not visited during 1983 inventory.

WETLAND RATING (see Introduction for criteria): 3

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 90

LOCATION
(S,T,R): NE-NE 14, 22N, 6E
SE-NE 14, 22N, 6E

ACREAGE: 6.0

CLASSIFICATION: Fish & Wildlife Service
Common Name
PFO4 Palustrine Forested Needle-leaved
Evergreen (Western Red Cedar) Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the *Federal Manual for Identifying and Delineating Jurisdictional Wetlands*. 
OBSERVED SPECIES (refer to Appendix 1):

Trees:  PS AR PT TS TP
Shrubs:  AC CS GS RP RS SX VP
Herbs:   TT LA MU OS SS VS
Sedges/Grasses/Ferns:  BD AF CA LM SF
Birds:   RG VS BS AR ST SS WW
Mammals: 
Fish: 
Other:  

HYDROLOGY:

Inlet:  Type:  
  Condition:  
Outlet:  Type: Open channel.
  Condition: Totally blocked.

Outflow enters: Stream.

Water movement through wetland: 

Observed water quality in wetland: 

SIGNIFICANT HABITAT FEATURES: 

GENERAL OBSERVATIONS:  Road fill blocking outlet stream.

WETLAND RATING (see Introduction for criteria):  2

NOTE:  Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 91

LOCATION
(S,T,R): NE 12, 21N, 6E
NW 7, 21N, 7E

ACREAGE: 42.0

CLASSIFICATION: Fish & Wildlife Service
L2OW Lacustrine Littoral Open Water
L2AB Lacustrine Littoral Aquatic Bed Floating-leaved (White Pond Lily)

COMMONirty
PLAN AREA: Tahoma/Raven Heights
BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 11

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *TS* *TP*
Shrubs: *SD*
Herbs: *MX TL*
Sedges/Grasses/Ferns:
Birds: *DF MA VS TS BS AR SS YT*
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition:
Outlet: Type: Open channel.
Condition: Open.

Outflow enters: Wetland.
Water movement through wetland:
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Outflow enters wetland LCR 92; some residences around lake.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 92

LOCATION
(S,T,R): N 7, 21N, 7E
SW 6, 21N, 7E

ACREAGE: 94.0

CLASSIFICATION:
- PFO4: Palustrine Forested Needle-leaved Evergreen (Sitka Spruce/Western Red Cedar)
- PSS1: Palustrine Scrub-Shrub broad-leaved Deciduous (Willow/Hardhack)

COMMUNITY
- PLAN AREA: Tahoma/Raven Heights

BASIN OR
- DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 11

Fish & Wildlife Service

Common Name
- Forested
- Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS TS TP
Shrubs: LL SX SD
Herbs: MX TL
Sedges/Grasses/Ferns: JX PA
Birds: GB MA RG BS AR ST
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type:   
Condition:
Outlet: Type: Open channel. 
Condition: Open.

Outflow enters: Wetland.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Outflow enters wetland LCR 93; possible bog areas but did not walk entire site. This wetland is being studied as part of the Puget Sound Wetlands and Stormwater Management Research Program.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
**WETLAND:** Lower Cedar River 93

**LOCATION**
(S,T,R): NW 8, 21N, 7E
SE-NE 7, 21N, 7E

**ACREAGE:** 27.0

**CLASSIFICATION:** PSS1

*Fish & Wildlife Service* Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)

**COMMUNITY**

**PLAN AREA:** Tahoma/Raven Heights

**BASIN OR**

**DRAINAGE:** Cedar River

**SENSITIVE AREA MAP#:** 11

**Common Name**

*Scrub-Shrub*

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**NOTE:** Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the *Federal Manual for Identifying and Delineating Jurisdictional Wetlands.*
OBSERVED SPECIES (refer to Appendix 1):

Trees:

Shrubs: SX SD

Herbs: TL

Sedges/Grasses/Ferns: CX IX

Birds: GB AR SS YT

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Condition:

Outlet: Type: Overland undefined.
Condition: Open.

Outflow enters: Stream.

Water movement through wetland: No visible movement (but water moving from outlet).

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Outflow goes north to wetland LCR 94 -- not down to Green River.
One acre gravel pit. FPA #10135.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 94

LOCATION
(S,T,R): SW-NW 5, 21N, 7E
NE-SW 5, 21N, 7E

ACREAGE: 20.0

CLASSIFICATION: Fish & Wildlife Service
PSS1 Palustrine Scrub-Shrub Broad-leaved Deciduous

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *AR*
Shrubs: *AC RP*
Herbs: *OS TL*
Sedges/Grasses/Ferns: *CX SX*
Birds: *BS*
Mammals: 
Fish: 
Other: 

HYDROLOGY:

Inlet: 
Type: 
Condition: 

Outlet: Type: Overland undefined.
Condition: Partially blocked.

Outflow enters: Stream.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Outflow eventually goes underground; wetland was clearcut.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 96

LOCATION
(S,T,R): SE 32, 22N, 7E

ACREAGE: 3.2

CLASSIFICATION:

- PSS5: Palustrine Scrub-Shrub Deciduous (Willow/hardhack)
- PFO: Palustrine Forested (Alder/Spruce)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: \textit{TS \textit{AR PS}}

Shrubs: \textit{AC LI RP BN GS PY SX SD HD RT CY}

Herbs: \textit{ST}

Sedges/Grasses/Ferns: \textit{MU}

Birds: \textit{ST FL}

Mammals: \textit{DE}

Fish:

Other:

HYDROLOGY:

Inlet: \textbf{Type:} \\
\textbf{Condition:}

Outlet: \textbf{Type:} \\
\textbf{Condition:}

Outflow enters:

Water movement through wetland: Standing flow.

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This is an undisturbed Forested/Scrub-Shrub wetland opening in a second growth forest with predominantly Willow, Alder, and Hardhack species.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 99

LOCATION:
(S,T,R): NE-NE 13, 22N, 6E
NW 18, 22N, 7E

ACREAGE: 9.0

CLASSIFICATION:

Fish & Wildlife Service

PFO4 Palustrine Forested Needle-leaved Evergreen (Hemlock)
PFO1 Palustrine Forested Broad-leaved Deciduous (Alder)

Common Name

Forested
Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PS AR TP
Shrubs: AC CS SX SD
Herbs: PN NP UM
Sedges/Grasses/Ferns: AX CX
Birds: PG GB MA
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: 
Condition: 
Outlet: Type: None.
Condition: Not observed.
Outflow enters: None.

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: Some clearcut logging; future residential development planned around wetland; some fill.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 102

LOCATION
(S,T,R): NW-NW 30, 23N, 6E

ACREAGE: 7.0

CLASSIFICATION:

PEM  Palustrine Emergent (Juncus/Carex)

PSSS5  Palustrine Scrub-Shrub Deciduous (Willow/Hardhack)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

Fish & Wildlife Service

Common Name

Meadow

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PT AR
Shrubs: CS RP RD RL SR SX SD
Herbs: CI EW RR GM LA PV TL
Sedges/Grasses/Ferns: EA AG AF CX JE PA JB
Birds: AR SS HS KD
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Seep - other undetermined.
Condition:
Outlet: Type: Undetermined.
Condition:
Outflow enters: Non-wet field.
Water movement through wetland: None visible.
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This site was probably once a perched wetland. The powerline cut has caused many small wet areas (a total of seven) - some containing standing water. The entire wetland is highly disturbed. Right-of-way maintenance in this corridor should consider restoration of the wetland sites.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 7/25/89  Inventory Date: 7/19/90  Scale: 1" = 500'

WETLAND: Lower Cedar River 103

LOCATION
(S,T,R): NE-SE 24, 23N, 5E

ACREAGE: 6.0

CLASSIFICATION: Fish & Wildlife Service
PFO6 Palustrine Forested Deciduous (Alder/Cottonwood)

COMMUNITY
PLANK AREA: Tahoma/Raven Heights
BASIN OR DRRAINAGE: Cedar River

SENSITIVE AREA MAP#: 9

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM PT TS AR
Shrubs: RU SR RS SX SD
Herbs: UD GM
Sedges/Grasses/Ferns: EA GX
Birds: GF BC ST
Mammals: DE
Fish:
Other:

HYDROLOGY:

Inlet: Type: Stream.
Condition:
Outlet: Type: River.
Condition:
Outflow enters: River.

Water movement through wetland: Standing flow.
Observed water quality in wetland: Water is clear.

SIGNIFICANT HABITAT FEATURES: Several snags taller than 25 feet in height.

GENERAL OBSERVATIONS: This is a riverside wetland that has been isolated by the railroad.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 105

LOCATION
(S,T,R): 29, 23N, 6E

ACREAGE: 9.2

CLASSIFICATION:
PFO6 Palustrine Forested Deciduous (Alder)
PFO7 Palustrine Forested Evergreen (Western Red Cedar)

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM PT AR TP
Shrubs: AC CS LI RD SR RS SX
Herbs: UD SZ RD
Sedges/Grasses/Ferns: AF CX GX PT SM
Birds: BC GK RG SS
Mammals:
Fish:
Other:

HYDROLOGY:

Inlet: Type: Stream.
Condition:
Outlet: Type: Undetermined.
Condition:

Outflow enters:
Water movement through wetland: Channel flow with some movement.
Observed water quality in wetland: Water is clear.

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This is a forested wetland adjacent to the Cedar River. It is predominantly Alder, Cottonwood, and Cedar species.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 110

LOCATION
(S,T,R): NE 12, 22N, 5E

ACREAGE: 7.4

CLASSIFICATION:
PEM2 Palustrine Emergent Non-Persistent (Juncus effusus)
PSS5 Palustrine Scrub-Shrub Deciduous (Hardhack)
PFO Palustrine Forested (Willow/Alder/Cedar)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: TS AR PM TP

Shrubs: CS RP RV SR BN GS PY SX SD

Herbs: EW RR LA SD

Sedges/Grasses/Ferns: EA AG HX JE AX

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Undetermined.
Condition:

Outlet: Type: Undetermined.
Condition:

Outflow enters: Lake.

Water movement through wetland:

Observed water quality in wetland: Dried and cracked hydric soils are evidence of water fluctuations.

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This wetland has been greatly modified by cutting for the expansion of a lawn and the addition of a barn on the property. A road width swath has been recently bulldozed to widen the driveway. Juncus effusus species have colonized the area. The Scrub-Shrub area which extends into Lake Youngs reservoir is healthy and relatively undisturbed. A fence line was installed around a portion of the site.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 7/22/89  Inventory Date: 7/19/90  Scale: 1" = 500'

WETLAND: Lower Cedar River 113

LOCATION
(S,T,R): NE-SE 8, 22N, 6E

ACREAGE: 5.0

CLASSIFICATION: Fish & Wildlife Service

PEM1 Palustrine Emergent Persistent (Juncus bufonius/Holcus) Meadow
PSS5 Palustrine Scrub-Shrub Deciduous (Willow/Hardhack) Scrub-Shrub
PFO6 Palustrine Forested Deciduous (Alder) Forested

COMMUNITY
PLAN AREA: Tahoma/Raven Heights
BASIN OR DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PT AR

Shrubs: AC LI RD RL RU SR RS SX SD

Herbs: EW RR UD GM PH

Sedges/Grasses/Ferns: AG HX JE PT JB JX

Birds: AR BC DJ SS SJ ST

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Undetermined.

Condition:

Outlet: Type: Undetermined.

Condition:

Outflow enters:

Water movement through wetland: Standing flow.

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This is a disturbed wetland with predominantly Juncus and Holcus species. Small Alders, Willows and Spirea species. Abundant bird life present.

WETLAND RATING (see Introduction for criteria): 2
WETLAND: Lower Cedar River 118

LOCATION
(S,T,R): 9, 22N, 6E

ACREAGE: 5.3

CLASSIFICATION: Fish & Wildlife Service
PFO6 Palustrine Forested Deciduous (Alder/Cottonwood)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AM PT TS AR

Shrubs: CS LI OC RS SX

Herbs:

Sedges/Grasses/Ferns: EA

Birds:

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Undetermined.
Condition:

Outlet: Type: Undetermined.
Condition:

Outflow enters: River.

Water movement through wetland: Standing flow.

Observed water quality in wetland: Land-owner confirmed flooding episodes.

SIGNIFICANT HABITAT FEATURES: Several snags taller than 25 feet in height.

GENERAL OBSERVATIONS: This is a forested wetland located adjacent to a river. This site is an ancient meander in the 100 year floodplain. It is predominantly Alder and Cottonwood species.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 132

LOCATION
(S,T,R): NW-NE 4, 22N, 6E

ACREAGE: 25.9

CLASSIFICATION: Fish & Wildlife Service
PFO Palustrine Forested
PSS5 Palustrine Scrub-Shrub
Deciduous (Willow)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10
Common Name
Forest
Scrub-Shrub

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: *PT AR*

Shrubs: *RD SX*

Herbs: *CI RR LA TL*

Sedges/Grasses/Ferns: *EA AG AF HX JE CX*

Birds: *GF BS YT*

Mammals:

Fish:

Other:

HYDROLOGY:

Inlet: Type: Undetermined.
      Condition:

Outlet: Type: Undetermined.
      Condition:

Outflow enters:

Water movement through wetland:

Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This is a large forested scrub-shrub and forested wetland which has been encroached by residential areas. The site is contiguous with Cedar River.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
Photo Date: 7/22/89  Inventory Date: 6/14/90  

WETLAND: Lower Cedar River 133

COMMUNITY

LOCATION
(S,T,R): 12, 22N, 6E

BASIN OR

ACREAGE: 10.0

DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 10

CLASSIFICATION: Fish & Wildlife Service

Palustrine Emergent (Juncus effusus/Skunk Cabbage)  Meadow

Palustrine Scrub-Shrub Deciduous (Willow/Hardhack)  Scrub-Shrub

Palustrine Forested Deciduous (Alder/Willow)  Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: AR TP
Shrubs: RP RD RL OC SX SD PZ
Herbs: CI RR UD VA LA
Sedges/Grasses/Ferns: CR CX JE
Birds: AR BC CW FL RS
Mammals: 
Fish: 
Other: 

HYDROLOGY:

Inlet: 
Type: Undetermined.
Condition: 
Outlet: 
Type: Undetermined.
Condition: 

Outflow enters:

Water movement through wetland: Standing flow.
Observed water quality in wetland:

SIGNIFICANT HABITAT FEATURES:

GENERAL OBSERVATIONS: This is a mosaic wetland which is hydrologically connected with Lower Cedar River 52 but is split by a road. The meadows are predominantly Willow, Alder, Spirea, and Soft Rush species.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.
WETLAND: Lower Cedar River 150

LOCATION
(S,T,R): SW-SE 10, 23N, 5E

ACREAGE: 11.0

CLASSIFICATION:
- PSS1: Palustrine Scrub-Shrub Broad-leaved Deciduous (Hardhack)
- PFO1: Palustrine Forested Broad-leaved Deciduous (Alder)

COMMUNITY
PLAN AREA: Tahoma/Raven Heights

BASIN OR
DRAINAGE: Cedar River

SENSITIVE AREA MAP#: 4

Fish & Wildlife Service

Common Name
- Scrub-Shrub
- Forested

NOTE: Wetland boundaries shown are approximate. Further field studies are necessary to confirm the actual delineation of the wetland according to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.
OBSERVED SPECIES (refer to Appendix 1):

Trees: PT AR TP
Shrubs: AC RP RV VP RS SX SD
Herbs: MU RR UD TT SZ DF
Sedges/Grasses/Ferns: AF CX DR LP
Birds: AR BC
Mammals: CT
Fish:
Other:

HYDROLOGY:

Inlet: Type: Undetermined.
Condition:
Outlet: Type: Culvert.
Condition:
Outflow enters: Undetermined.

Water movement through wetland: Channel flow with some movement - standing flow.
Observed water quality in wetland: Evidence of water level fluctuations and vernal wet spots.

SIGNIFICANT HABITAT FEATURES: Numerous snags - some greater than 25 feet high.

GENERAL OBSERVATIONS: Wetland extends north-south across heavily traveled road (SE 128th Street). The southern portion of the wetland (south of SE 128th Street) was partially filled approximately four years ago and some areas have been cleared the last year. Wetland has intermittent stream on western edge. Vernal ponds observed in spring. Additional information on this wetland has been collected by King County Surface Water Management Division.

WETLAND RATING (see Introduction for criteria): 2

NOTE: Species listed are only those observed during field visits. Further field studies are necessary to obtain a complete list including rare, threatened, and/or endangered species.