

**BRIDAL VEIL MILL SITE:  
ALTERNATIVES FOR RESTORATION**

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## **1.0 INTRODUCTION**

The Bridal Veil mill site was acquired by Trust For Public Land (TPL) in 1991. In accordance with TPL's mission, the property was prepared for sale to a public agency. To facilitate the transfer of land from TPL to a public agency, BigFoot Consulting (BFC) will analyze options for restoration of the site. BFC will produce a document that explains these alternatives.

### **1.1 Site Location**

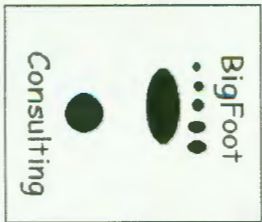
The Bridal Veil mill site is located in Multnomah County, Oregon and is approximately 34 miles east of the city of Portland. It is situated along the Columbia River, nestled against the north facing slopes of the Columbia River Gorge near the Oregon-Washington state border.

The site is long and narrow, covering roughly 52 acres. It is situated between the Union Pacific Railroad (UPRR) tracks to the north and the Historic Columbia River Gorge Highway to the south. The Bridal Veil Cemetery is located on the eastern boundary of the site and Bridal Veil Creek defines the western boundary.

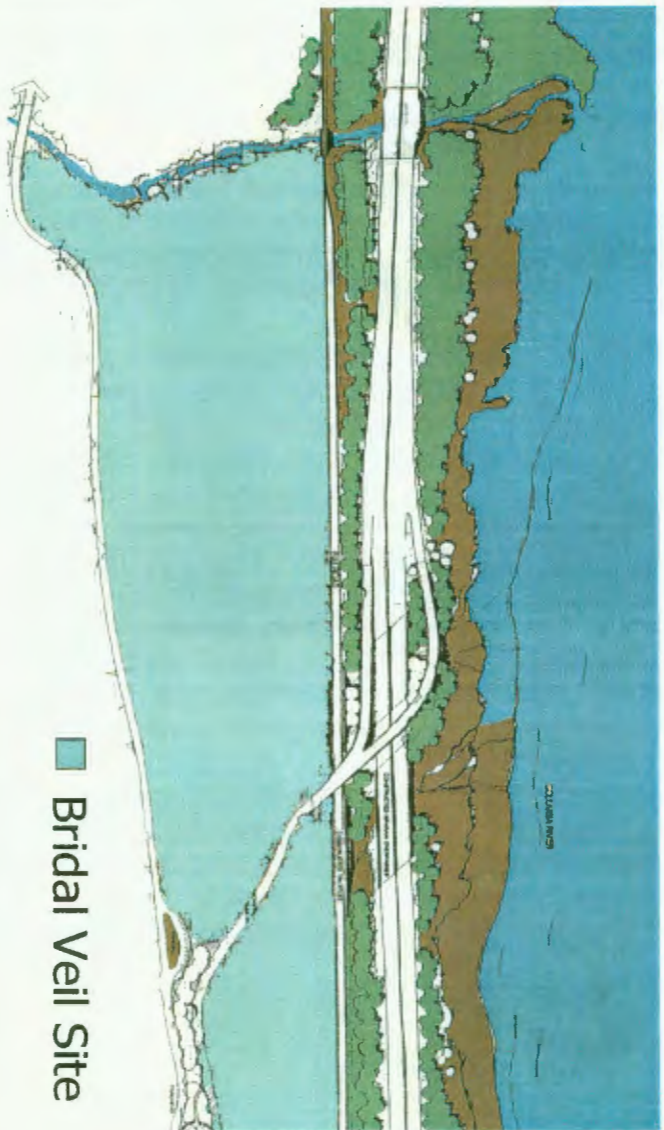
The site is accessible from I-84, the Historic Columbia River Highway, and Crown Point Road. A small access road enters the site from Crown Point Road, just after the I-84 overpass and disappears in the more physically degraded areas of the site. Several trails border the site such as Bridal Veil and Angel's Rest.

The physical form of the site varies from steep slopes to relatively flat areas. The southern portion of the site is a landslide hazard area, which is steeply sloped. At the base of the slope to the north, the site is relatively flat. The southern slopes of the site are covered by thick vegetation, which disappears near the level areas of the site, near the northern periphery. These lower areas are largely covered by man-made impervious surfaces. Two buildings are standing on the site: a small church and the Bridal Veil Post Office. Between the church and the cemetery is a large area of thick vegetation. The post office sits near the northeast corner of the site, adjacent to a gravel parking lot.

Figure 1 shows the layout of the site, as well as its regional context. Further detail about the Bridal Veil mill site is found in subsequent sections of this document.



Bruce Barnett - Elizabeth Freeston - Richard Friday  
Raef Porter - Laurie Shiels



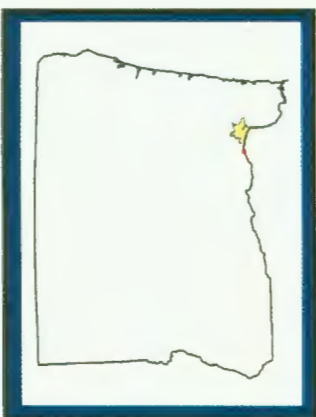
## Site Location Map

Bridal Veil Mill Site



Scale Varies

Data Source: Oregon Geospatial Data Clearinghouse





## **1.2 Site History**

The following Bridal Veil history was taken in part from the Bridal Veil Historical Archaeological Site report completed by Archaeological Services of Clark County in February of 2002. Additional information was found in the National Register of Historic Places Registration Form for the Bridal Veil Historical Archaeological Site prepared by the Crown Point Historical Society (CPHS) in 1995.

In 1882, the federal government conveyed to Amos Moore the title to an 80-acre parcel of old-growth forest and wetland east of Bridal Veil Falls. A rail line along the southern property line connected the parcel to transcontinental markets. Moore sold a portion of the land along Bridal Veil Creek to a developer for the construction of a paper mill. When the mill was erected in 1883, two communities of workers—one white and the other Chinese—were formed in the surrounding area.

The Bridal Veil Lumber Company (BVLC) was established in 1886. The following year, BVLC constructed a resaw mill and shipping plant and founded the town of Bridal Veil. Over the next five years, Bridal Veil and the surrounding area experienced rapid growth in logging and mill operations and increased in population.

A forest fire in 1902 destroyed the town and most of the logging and mill facilities. Within a year, the town and facilities were rebuilt and shipping operations resumed. The new facilities provided greater capacity for lumber processing, which enabled Bridal Veil to increase its level of production. In 1922, BVLC was sold to Bridal Veil Timber Company (BVTC).

During the Great Depression, large-scale logging operations ceased in Bridal Veil. Timber was scarce and it became difficult for BVTC to continue operations. A fire destroyed a large portion of the logging and mill facilities in 1936 and resources were not available to rebuild them. The following year, the Kraft Cheese Company purchased BVTC, including the town of Bridal Veil. The existing structures were repaired and new buildings constructed. The mill was used by Kraft to manufacture wooden cheese boxes, as well as various types of moldings, toys, and meat crates. When World War II began, Kraft altered its production at Bridal Veil to support the war efforts. In 1950, Kraft expanded the mill operations to the manufacturing of door frames, windows, and moldings. Workers at the mill increased from 102 to 180 to accommodate the new operations. Kraft sold the Bridal Veil mill facility to Machinery Sales Company in 1962. Two years later, Machinery Sales Company sold the property to Hershel McGriff. For approximately 30 years, the site was used for lumber storage and manufacturing.

TPL, a national land conservation organization, bought the approximately 52-acre Bridal Veil mill and town site in 1991. TPL attempted to demolish the homes on the site, however, a stay of demolition delayed the removal of the homes while the federal and state government determined the historical significance of the buildings. In 2000, these homes were determined not to be historically significant and were demolished the following year.

## **2.0 PROBLEM STATEMENT**

Much of the northern portion of the project area is covered with impervious surface and remnants of historic mill operations. It is possible that contaminants from abandoned machinery, mill operations, and nearby railroad activities have polluted site soils and groundwater. There is an ongoing disagreement about whether future plans for the site should incorporate historic values important to the community. TPL seeks a feasibility plan that presents a framework for restoration of the site.

## **3.0 GOALS AND OBJECTIVES**

To assess opportunities and constraints of the Bridal Veil mill site, a series of goals and objectives will be used to guide BFC's work.

### ***Community Outreach: Include all interested parties in the planning process.***

- Identify interested parties through various research and outreach methods, including the use of public records and contact referrals.
- Host an informal public meeting or focus group to gather perspectives from area stakeholders regarding possible cultural and recreational opportunities for the site.
- Conduct face-to-face interviews with members of the Bridal Veil community and public and private agencies.
- Engage in direct and participant observation of Bridal Veil Falls and Angel's Rest visitors.

### ***Natural Resource Restoration: Highlight ecological opportunities and constraints on the site.***

- Identify natural resources that existed prior to the lumber mill.
- Address maintenance and enhancement of existing natural resources.
- Recommend a process for site cleanup and restoration.
- Identify invasive plant species and methods for permanent removal.
- Address Endangered Species Act (ESA) issues and constraints.
- Identify existing and potential significant environmental impacts and create mitigation and monitoring strategies.

### ***Historic Resource Preservation: Recognize past uses of the site.***

- Research the history of the former Bridal Veil lumber mill town.
- Consider historic aspects in possible site restoration.
- Investigate opportunities for public education regarding past and current uses of the site.
- Attempt to incorporate historic preservation in natural resource restoration.

***Cultural and Social Space Provision: Connect the site to the surrounding areas.***

- Design a trail that connects the site to the existing trail network.
- Assess the need and potential for visitor parking locations.
- Recommend elements to support and enhance recreational opportunities.
- Ensure the safety and welfare of site visitors.

#### **4.0 SCOPE OF WORK**

**Community Outreach:** BFC will identify and include stakeholders in the planning process. Phone, email, and face-to-face interviews will be used to facilitate communication. A variety of perspectives will be recognized in the final product.

**Social & Cultural Analysis:** BFC will use communicative strategies as listed above to assess community needs and find ways of integrating them into the project. Consideration will be given to potential restoration of natural and historic resources and opportunities for recreation and socialization.

**Natural Resources:** Types of natural resources and quality categories will be defined that are relevant to the site. Various natural resources will be identified through prior biological studies, site analysis, and other research. Existing natural resources will be classified by level of degradation and assessed for their restoration potential. Significant environmental impacts to the site will be identified and mitigation and monitoring strategies will be recommended to address such impacts.

**Historic Resources:** Historic resources will be considered through community outreach, site analysis, prior archaeological studies, literature review, and other research methods. Consideration of historic resources will be incorporated into the final product.

**Policy:** Local, state, and federal regulations and guidelines relevant to the site will be identified and considered during the planning process. The political process required for plan implementation will be explained in the final product.

**Site Design:** A preliminary and final site design will be created following the development of project alternatives. This step will consist of feasibility, site analysis, conceptual design, and schematic design. All elements of the project scope will be used in creating the site plan.

**Cost Analysis:** BFC will identify and evaluate funding approaches for restoration and maintenance of the site, focusing mainly on private foundations. A cost analysis of various restoration options will be performed.

## **5.0 DELIVERABLES**

### **5.1 Deliverables from BigFoot Consulting to Trust for Public Land**

**Site Plan:** The team will present a preliminary site plan that incorporates preferred alternatives to the client for review. The preliminary site planning process will yield a defined program and base map set, delineation of existing conditions, concept plan, and preliminary site plan that includes information about the site and a summary of findings. Upon client approval of the preliminary plan, a final site plan will be created and reviewed by all group members.

**Class Site Visit:** The project team will lead the Planning Workshop class on a site visit that engages students and professors in activities to facilitate communication and generate ideas.

**Draft Report:** A draft report will be presented to the client for review at least three weeks prior to final submission date. BFC will use research methods such as literature review, direct and participant observation, photo survey, site analysis, case studies, interviews, and website review to assist the project. Consultants will be assigned research topics and will be responsible for synthesizing information into presentable documents for inclusion in the final report. Assigned tasks must be completed by established deadlines and presented to the group for review.

**Final Report:** Revisions will be made to the draft report to create a final document for presentation to the client, Workshop class and other parties as necessary.

**Final Class Presentation:** The group will present its findings and recommendations for the Bridal Veil mill site to the Workshop class and other interested parties on June 5, 2002 at Portland State University (PSU).

**Final Client Presentation:** The group will present its findings and recommendations for the Bridal Veil mill site to TPL in early June, on a date to be arranged.

### **5.2 Deliverables from Trust for Public Land to BigFoot Consulting**

**Communication:** The client will be available to BFC to answer questions, review progress, and provide feedback. TPL will make clear its needs and priorities with regard to the project. Two meetings will be scheduled during the spring quarter to review progress.

**Sharing of Information:** TPL will share relevant documents and information that it considers important for the success of the project. Stakeholder and interested party contact information will also be shared when available.

**Active Participation:** When necessary, TPL will attend activities such as the Final Class Presentation. TPL will be available to BFC for a final presentation of the Bridal Veil mill site project. If necessary, TPL will accompany BFC on site visits.

**Funding:** If it is financially feasible, TPL will cover the cost of final document production as listed in the project budget.



## **6.0 COMMUNICATION PLAN**

### **6.1 Trust for Public Land Communication**

TPL identified Chris Beck and Kristin Newman as the contacts for BFC during the Bridal Veil project. BFC requires the following communication from Chris Beck and Kristin Newman:

- Accessible by phone or email to answer questions, review progress, and provide feedback,
- Respond to messages within two business days,
- Meet with BFC members at mutually amicable times and dates,
- Share all pertinent information about the project in the form of original documents or copies (all original or copied documents will be returned to the client unless otherwise specified),
- Provide stakeholder contact information (if a relationship exists between TPL and a stakeholder(s), TPL will initiate contact, and
- Communicate all major changes or requests in written form.

### **6.2 BigFoot Consulting Communication**

BFC will provide the following communication with TPL through Chris Beck and Kristin Newman:

- Provide two primary contact persons for TPL:
  - Raef Porter: 971-570-2160 (cell), 503-251-3250 (work), rkporter@pdx.edu
  - Bruce Barnett : 503-236-5936, bbarnet@pdx.edu,
- Email weekly project updates to Chris Beck and Kristin Newman,
- Respond to messages within two business days,
- Schedule meetings with TPL at mutually amicable times and dates,
- If revealed, confidentially relay sensitive information to TPL about the project, and
- Communicate all major changes or requests in written form.

There will be two scheduled meetings with TPL and BFC\*:

- Tuesday May 14, 2002, TPL will meet with BFC to review progress and review the restoration alternatives identified by the project team.
- First week of June, TPL and BFC will meet to review the final product. A specific date will be determined at the May 14<sup>th</sup> meeting.

\*Other meetings can be requested by TPL or BFC. Meeting requests must be answered and arranged with two business days and the meeting must occur within one week, unless otherwise specified.

### **6.3 Intra-BigFoot Consulting Communication**

Regular group meetings will be attended by BFC members. Meetings will be scheduled according to members' stated availability. Once availability is recorded, full group participation is expected and at least one-week notice should be given prior to schedule deviation. If a member cannot participate in a required meeting, he or she must delegate the missed time toward another task. Two meetings will be held each week on Saturday and Wednesday. These meetings should last no longer than two hours unless otherwise agreed upon by the team.

Members are responsible for attending these meetings. If a group member fails to attend a meeting, it is the responsibility of the individual to familiarize him or herself with the topics discussed. Within 24 hours following a meeting, Bruce Barnett, or another group member to whom the responsibility is delegated, will email comments, discussion points, and questions to the group.

A Weekly Lead consultant will structure the agenda for regular group meetings. The rotation for the Weekly Lead schedule is as follows: Laurie Shiels, Raef Porter, Richard Friday, Liz Freeston, and Bruce Barnett. The Weekly Lead will determine the content of the agenda, which should be consistent with the completion dates of tasks and sub-tasks. The Weekly Lead should email the agenda to the team two hours prior to the meeting. Members can request topics to be included in the agenda. If the agenda is full, that member should schedule an additional meeting.

Lead Consultant meetings can be scheduled in addition to biweekly group meetings. These meetings are intended to ensure that group members have the opportunity to actively participate in the completion of tasks and sub-tasks. Participation in these meetings is optional unless required by the Lead Consultant.

Email will be checked by BFC members daily by 5:00 p.m. If a message is sent after 5:00 p.m., responses to the email shall not be expected until the next day. Email will be checked one hour before a meeting. It is the responsibility of members of BFC without Internet access to obtain alternative access to emailed communications such as by correspondence with other members.

### **6.4 Workshop Class Communication**

BFC will maintain regular email communication with the Workshop class and when necessary, will send project updates.

BFC will arrange a Workshop class visit to the Bridal Veil mill site. The class will be required to find transportation to the site. This visit will familiarize the class with the project site and provide an overview of the project scope. It will also provide an opportunity for feedback and sharing of perspectives.

BFC will present a site plan for the Bridal Veil mill site to the Workshop class on June 5, 2002.

## **7.0 METHODOLOGY**

This section is presented as an outline that sequentially follows the phases and tasks that are required to complete the project. The following explains the purpose of each task, what information is needed, and what methods will be used during each phase of the project.

**PHASE ONE** will provide the group with the qualitative and quantitative data needed to assess the site. It will consider Bridal Veil's physical, historical, cultural, and environmental conditions. During this phase, BFC will begin to formulate the final product.

- **Site Visits**

A recent archeological survey and a private manuscript of local history aided BFC with assessing and visually surveying the site on the first visit. Methods used early in the information-gathering stage included participant observation and photographic documentation. Accurate boundary data will be determined with a Global Positioning System (GPS) device. A site visit will be conducted with the Workshop class. Information gathered during the visit will be considered in the final product. Further use of personal interviews, direct and participant observation, and photographic documentation will occur during this phase.

- **Maps and Mapping**

BFC will utilize and produce reference and thematic maps. BFC will produce reference maps during site visits to aid in the planning process.

- **Document Research**

Regulatory guidelines, public records, historical records, and site assessment records will be reviewed and incorporated into the final document.

- **Outreach**

Information regarding current cultural attributes and housing tenure will be sought from community members using focus groups and face-to-face interviews. The group will contact various interested parties and stakeholders associated with the Bridal Veil area to assist in developing criteria for future use of the site.

- **Site Assessment**

A site inventory and analysis will be conducted where BFC will identify physical attributes such as topography, geology, hydrology, soils, and climate. BFC will identify biological attributes such as vegetation and wildlife. BFC will identify cultural attributes such as scenic views, infrastructure, on-site and surrounding land uses, land use regulation, historic resources, and existing structures.

- **Alternatives**

Alternatives will be formulated and reviewed. Information gathered from site visits, maps, research, outreach to stakeholders and interested parties, interviews, and site plan analysis will influence the designation of alternatives. The Lead Consultant will document brainstorming

sessions, create a matrix, and take the lead in writing a report reviewing the options. The matrix, report, and maps will be shared with TPL on Tuesday, May 14, 2002.

**PHASE TWO** will evaluate the data collected by BFC. The purpose of this phase is to compile and organize the information collected during Phase One. This phase continues to add content and structure to the final product.

- **Compile Information**

Conception of the final product will guide the organization of information. BFC will meet to review individual summary statements, maps, photographs, results from interviews, and copies of public records to structure the final product.

- **Evaluate Information**

Information will be compared and contrasted to the initial concept and layout of the final product to determine the need for additional information. Key elements will be extracted to excel formulation of the product.

- **Review Information**

Findings will be reviewed for consistency with applicable governmental regulations to assure that plan recommendations will be in compliance.

**PHASE THREE** will see the project coalesce into its final form.

- **Organize Final Document**

The structure of the final product will be fully conceived.

- **Finalize Documents**

BFC will review changes to the final document. The Chief Editor may request revisions from individual consultants. The Technical Communications Consultant will also retain current updates of the working copy. The final draft will be presented to the group for review. The Copy Editor is charged with the final proofreading of the document.

## 7.1 Phases and Tasks

The completion of each phase is dependent upon the timely and successive completion of corresponding tasks. The sequence of tasks was created to ensure that sufficient time is allocated to the completion of two documents: (1) Bridal Veil Mill Site: Alternatives for Restoration and (2) summary document on alternative development options.

Each BFC member will act as a Lead Consultant or participant for each task and sub-task. However, task completion is the responsibility of the Lead Consultant. The Lead Consultant is responsible for the production of all maps, reports, or other items associated with particular tasks, as well as the completion of all activities by established deadlines. When necessary, the Lead Consultant will hold meetings to obtain guidance and assistance from other group members. For a larger, prolonged, or complex task, the Lead Consultant can delegate responsibilities to other group members with sufficient notice. Lead Consultant assignments are listed below.

Biweekly meetings on Wednesdays and Saturdays will be held to permit group input on tasks as well as to assess progress and delegate responsibilities. New completion dates can be proposed and additional tasks and sub-tasks not specified in this document can be introduced and assumed by a BFC member(s). The Weekly Lead will organize these meetings (see Communication Plan).

Rotation Schedule: Weekly Lead – Laurie Shiels, Raef Porter, Richard Friday, Liz Freeston, and Bruce Barnett.

**PHASE ONE:** Review of the Bridal Veil mill site for physical, archeological, historical, cultural, social, environmental features, and associated policies.

*Begin Date: Monday April 1<sup>st</sup>*

*Completion Date: Friday May 11<sup>th</sup>*

**Task – Site Visit.** BFC will conduct a series of site visits. Information gathered during these visits will be disseminated to the group through maps and/or written reports.

*Completion Date: Wednesday April 10<sup>th</sup>*

|   |               |
|---|---------------|
| General survey of the site, including photos. | Lead: Group   |
| Review site with client.                      | Lead: Liz     |
| GPS reading of the site.                      | Lead: Raef    |
| Document significant features                 | Lead: Richard |
| Identify possible site improvements.          | Leads: Laurie |

**Task – Additional Site Visits.** Two site visits will be conducted on undetermined dates.

|                                |             |
|--------------------------------|-------------|
| Review site with class.        | Lead: Bruce |
| Review the proposed site plan. | Lead: Group |



**Task – Maps.** A series of maps will be produced to show the current site conditions. A map will be selected as the base map for the Site Plan Analysis and the proposed alternatives. Copies of this map will be given to all members of BFC.

*Completion Date: Friday April 19<sup>th</sup>*

Lead: Raef

**Task – Research.** BFC will conduct a thorough review of available information about Bridal Veil and significant characteristics of the surrounding area. The Lead Consultant will present an oral and written report on pertinent information at the Saturday, April 20<sup>th</sup> BFC meeting.

*Completion Date: Saturday April 20<sup>th</sup>*

Literature Review of Bridal Veil

Lead: Laurie

Cultural and Social Analysis

Lead: Bruce

Archeological and Historical Information Review

Lead: Raef

Vegetation Review

Lead: Richard

Public Records

Lead: Liz

Cost Estimates and Grants

Lead Bruce

**Task – Outreach to Stakeholders and Interested Parties.** BFC will conduct face-to-face, email and phone interviews with interested parties to consider all relevant perspectives concerning the site. Several interview questionnaires will be designed to ensure sufficient responses. The Lead Consultant will produce a one-page summary of meeting discussion points.

*Completion Date: Saturday April 27<sup>th</sup>*

**Bridal Veil Post Office:** Interview with the postmaster at Bridal Veil Post Office.

Lead: Bruce

**Bridal Veil Community Church service:** BFC will attend one Sunday service and speak with members of the congregation and the pastor.

Lead: Laurie

**Crown Point Historical Society:** Meeting to discuss the restoration of the Bridal Veil mill site as well as the history surrounding the Bridal Veil Community.

Lead: Liz

**Friends of the Gorge (Nancy Russell):** Meeting to discuss the restoration of the Bridal Veil mill site as well as the history surrounding the Bridal Veil Community.

Lead: Liz

**Sierra Club (Scott Chapman):** An interview will be conducted to discuss possible natural habitat restoration of the site. Lead Consultant will identify, contact and interview other environmental groups.

Lead: Richard

**Community Members:** A focus group and face-to-face interviews will be conducted with interested citizens from surrounding communities and when possible, with former citizens of Bridal Veil.

Lead: Bruce

**Union Pacific Railroad:** This owner of a portion of the site and of the rail line that runs along the northern property boarder, will be contacted and questioned about plans for the Bridal Veil site.

Lead: Raef

**Oregon Department of Transportation:** This adjacent landowner will be interviewed about issues relating to the possible impacts of the increase in traffic flow along the Historic Columbia River Highway and the Bridal Veil egress and ingress. Lead: Liz

**United States Department of Agriculture Forest Service:** This adjacent landowner will be interviewed to gain a better understanding of important aspects to include in the final document. Lead: Richard

**Oregon Parks & Recreation Department:** This adjacent landowner will be interviewed to gain a better understanding of important aspects to include in the final document. Lead: Raef

**Park Users:** Frequenters of the Angel's Rest Trail and Bridal Veil Falls will be interviewed and circulation patterns and behavior will be observed. Lead: Laurie

**Public Agencies:** Multnomah County planners and members of the Columbia River Gorge Commission will be interviewed for policy information. Lead: Liz

**Land Conservancies:** Organization such as the Columbia Land Trust and American Land Conservancy will be interviewed. Lead: Richard

**Task – Site Plan Analysis.** BFC will synthesize information gathered from site visits, research, maps, and stakeholder and interested party interviews and include the information in the site plan analysis.

**Completion Date:** Saturday May 11<sup>th</sup>

General Site Analysis

Leads: Laurie and Liz

Physical Analysis

Leads: Richard and Raef

Cultural Analysis

Leads: Bruce and Raef

**Task – Policy Analysis.** Review governing rules and regulations from Multnomah County Columbia River Gorge Review. Lead: Liz

## **PHASE TWO: Evaluation of Bridal Veil Data.**

**Begin Date:** Saturday May 11<sup>th</sup>

**Completion Date:** Monday May 20<sup>th</sup>

**Task – Compile Information.**

Lead: Laurie

**Task – Data Evaluation.** Relevant information is pulled from the compiled information. Begin organization of the final document. Lead: Raef

**Task – Alternatives.** Alternatives will be analyzed and reviewed. Information gathered from the site visits, maps, research, stakeholder and interested party interviews, and site plan analysis will be included in the designation of alternatives. The Lead Consultant will document the brainstorming sessions, create a matrix, and take the lead in writing a report reviewing the options. The matrix, report, and maps will be shared with TPL on Tuesday, May 14, 2002.

Brainstorm information of alternatives.

Leads: Bruce and Richard

Create matrix of uses and benefits of each alternative.

Lead: Laurie

Review and report feasibility of alternatives.

Lead: Liz

**Task – Map Alternatives.** Maps depicting the alternatives will be created.

Leads: Raef and Bruce

**PHASE THREE: Plan Formulation.**

*Begin Date: Saturday May 11<sup>th</sup>*

*Completion Date: Saturday June 1<sup>st</sup>*

**Task – Categorize Themes and Alternatives.**

Lead: Group

**Task – Organize Information.** Separate information into two documents: (1) Bridal Veil Mill Site: Alternatives for Restoration and (2) summary document on alternative development options.

Lead: Group

**Task – Compile Documents.**

Leads: Richard and Bruce

**Task – Copy-Edit Document.**

Leads: Laurie, Liz and Raef

**PHASE FOUR: Presentation.**

*Begin Date: Saturday May 11<sup>th</sup>*

*Completion Date: June 2002*

**Task – Layout Design.**

Lead: Bruce

**Task – Content.**

Leads: Richard, Laurie and Liz

**Task – PowerPoint.**

Lead: Raef

Bridal Veil Mill Site: Alternatives for Restoration

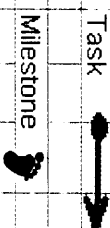
| Task Name                           | Start       | Finish      | April |     |      |      |      |     |      | May  |      |     | June |  |
|-------------------------------------|-------------|-------------|-------|-----|------|------|------|-----|------|------|------|-----|------|--|
|                                     |             |             | 4/1   | 4/8 | 4/15 | 4/22 | 4/28 | 5/6 | 5/13 | 5/20 | 5/27 | 6/3 | 6/10 |  |
| PHASE ONE - Site Assessment         |             |             |       |     |      |      |      |     |      |      |      |     |      |  |
| Site Visits                         | 1-Apr-2002  | 11-May-2002 |       |     |      |      |      |     |      |      |      |     |      |  |
| Mapping                             | 1-Apr-2002  | 10-Apr-2002 |       |     |      |      |      |     |      |      |      |     |      |  |
| Research                            | 1-Apr-2002  | 19-Apr-2002 |       |     |      |      |      |     |      |      |      |     |      |  |
| Stakeholder Interviews              | 1-Apr-2002  | 20-Apr-2002 |       |     |      |      |      |     |      |      |      |     |      |  |
| Outreach                            | 1-Apr-2002  | 27-Apr-2002 |       |     |      |      |      |     |      |      |      |     |      |  |
| Analyze Plan Alternatives           | 1-Apr-2002  | 27-Apr-2002 |       |     |      |      |      |     |      |      |      |     |      |  |
| Site Plan Analysis                  | 1-Apr-2002  | 3-May-2002  |       |     |      |      |      |     |      |      |      |     |      |  |
| Map Alternatives                    | 1-Apr-2002  | 11-May-2002 |       |     |      |      |      |     |      |      |      |     |      |  |
| Client(s) Meeting                   |             | 11-May-2002 |       |     |      |      |      |     |      |      |      |     |      |  |
|                                     |             | 18-May-2002 |       |     |      |      |      |     |      |      |      |     |      |  |
| PHASE TWO - Data Evaluation         |             |             |       |     |      |      |      |     |      |      |      |     |      |  |
| Compile Information                 | 11-May-2002 | 20-May-2002 |       |     |      |      |      |     |      |      |      |     |      |  |
| Evaluate Information                | 11-May-2002 | 20-May-2002 |       |     |      |      |      |     |      |      |      |     |      |  |
| Review Findings                     | 11-May-2002 | 20-May-2002 |       |     |      |      |      |     |      |      |      |     |      |  |
| PHASE THREE - Plan Formulation      |             |             |       |     |      |      |      |     |      |      |      |     |      |  |
| Organizational Meetings - Saturdays | 11-May-2002 | 1-Jun-2002  |       |     |      |      |      |     |      |      |      |     |      |  |
| Organize Information                | 1-Apr-2002  | 8-Jun-2002  |       |     |      |      |      |     |      |      |      |     |      |  |
| Compile Documents                   | 11-May-2002 | 1-Jun-2002  |       |     |      |      |      |     |      |      |      |     |      |  |
| Copy Edit                           | 11-May-2002 | 1-Jun-2002  |       |     |      |      |      |     |      |      |      |     |      |  |
| Submit Document                     |             | Jun-2002    |       |     |      |      |      |     |      |      |      |     |      |  |
| PHASE FOUR - Presentations          |             |             |       |     |      |      |      |     |      |      |      |     |      |  |
| Class                               |             | 5-Jun-2002  |       |     |      |      |      |     |      |      |      |     |      |  |
| Client                              |             | Jun-2002    |       |     |      |      |      |     |      |      |      |     |      |  |

Task

Milestone

BigFoot Consulting

Notice: Above schedule is subject to change.



BigFoot Consulting

### 7.3 Matrix

| DUTIES/TASKS                         | SCHEDULE       |                  | TEAM LEADER | DELIVERABLE                   |
|--------------------------------------|----------------|------------------|-------------|-------------------------------|
|                                      | Begin          | End              |             |                               |
| <b>PHASE 1 - SITE ASSESSMENT</b>     | 1-Apr<br>1-Apr | 10-Apr<br>10-Apr |             | Preliminary & Final Site Plan |
| <b>1.0 Site Visit</b>                |                |                  |             |                               |
| 1.1 General survey of site           | 1-Apr          | 10-Apr           | Group       |                               |
| 1.2 Review site with client          | 1-Apr          | 10-Apr           | Liz         |                               |
| 1.3 GPS reading of site              | 1-Apr          | 10-Apr           | Raef        |                               |
| 1.4 Document vegetation              | 1-Apr          | 10-Apr           | Richard     |                               |
| 1.5 Identify possible improvements   | 1-Apr          | 10-Apr           | Laurie      |                               |
| 1.6 Review site with class           | 1-Apr          | 10-Apr           | Bruce       |                               |
| 1.7 Review proposed site plan        | 1-Apr          | 10-Apr           | Group       |                               |
| <b>2.0 Mapping</b>                   | 1-Apr          | 19-Apr           | Raef        |                               |
| <b>3.0 Research</b>                  | 1-Apr          | 20-Apr           |             |                               |
| 3.1 Literature review                | 1-Apr          | 20-Apr           | Laurie      |                               |
| 3.2 Cultural and social analysis     | 1-Apr          | 20-Apr           | Bruce       |                               |
| 3.3 Archaeological/Historical review | 1-Apr          | 20-Apr           | Raef        |                               |
| 3.4 Vegetation review                | 1-Apr          | 20-Apr           | Richard     |                               |
| 3.5 Public records review            | 1-Apr          | 20-Apr           | Liz         |                               |
| 3.6 Cost estimates and grants        | 1-Apr          | 20-Apr           | Bruce       |                               |
| <b>4.0 Stakeholder Outreach</b>      | 1-Apr          | 27-Apr           |             |                               |
| 4.1 Bridal Veil Post Office          | 1-Apr          | 27-Apr           | Bruce       |                               |
| 4.2 Bridal Veil Community Church     | 1-Apr          | 27-Apr           | Laurie      |                               |
| 4.3 Crown Point Historical Society   | 1-Apr          | 27-Apr           | Liz         |                               |
| 4.4 Friends of the Gorge             | 1-Apr          | 27-Apr           | Liz         |                               |
| 4.5 Sierra Club                      | 1-Apr          | 27-Apr           | Richard     |                               |
| 4.6 Community members                | 1-Apr          | 27-Apr           | Bruce       |                               |
| 4.7 Union Pacific Railroad           | 1-Apr          | 27-Apr           | Raef        |                               |
| 4.8 Oregon Dept. of Transportation   | 1-Apr          | 27-Apr           | Liz         |                               |
| 4.9 USDA Forest Service              | 1-Apr          | 27-Apr           | Richard     |                               |
| 4.9.1 Oregon Dept. of Parks and Rec. | 1-Apr          | 27-Apr           | Raef        |                               |
| 4.9.2 Park users                     | 1-Apr          | 27-Apr           | Laurie      |                               |
| 4.9.3 Public agencies                | 1-Apr          | 27-Apr           | Liz         |                               |
| 4.9.4 Land Conservancies             | 1-Apr          | 27-Apr           | Laurie      |                               |



| DUTIES/TASKS                               | SCHEDULE |        | TEAM<br>LEADER  | DELIVERABLE        |
|--|----------|--------|-----------------|--------------------|
|  | Begin    | End    |                 |                    |
| <b>5.0 Site Plan Analysis</b>              | 1-Apr    | 11-May |                 |                    |
| 5.1 General site analysis                  | 1-Apr    | 11-May | Laurie/Liz      |                    |
| 5.2 Physical analysis                      | 1-Apr    | 11-May | Richard/Raef    |                    |
| 5.3 Cultural Analysis                      | 1-Apr    | 11-May | Bruce/Raef      |                    |
| <b>6.0 Analysis of Alternatives</b>        | 1-Apr    | 3-May  |                 |                    |
| 6.1 Brainstorm options                     | 1-Apr    | 3-May  | Bruce           |                    |
| 6.2 Matrix analysis of options             | 1-Apr    | 3-May  | Laurie          |                    |
| 6.3 Report feasibility of options          | 1-Apr    | 3-May  | Liz             |                    |
| <b>7.0 Map Alternatives</b>                | 1-Apr    | 11-May | Raef/Bruce      |                    |
| <b>PHASE 2 - DATA EVALUATION</b>           | 11-May   | 20-May |                 | Draft Report       |
| 1.0 Compile Information                    | 11-May   | 20-May | Laurie          |                    |
| 2.0 Information Evaluation                 | 11-May   | 20-May | Raef            |                    |
| 3.0 Policy Analysis                        | 11-May   | 20-May | Liz             |                    |
| <b>PHASE 3 - PLAN FORMULATION</b>          | 11-May   | 1-Jun  |                 | Final Report       |
| 1.0 Categorize Themes/Alternatives         | 11-May   | 1-Jun  | Group           |                    |
| 2.0 Organize Information                   | 11-May   | 1-Jun  | Group           |                    |
| 3.0 Compile Documents                      | 11-May   | 1-Jun  | Richard/Bruce   |                    |
| 4.0 Copy-Edit Document                     | 11-May   | 1-Jun  | Laurie/Liz/Raef |                    |
| <b>PHASE 4 - PRESENTATION</b>              | 11-May   | Jun    |                 | Final Presentation |
| 1.0 Portland State University Presentation | 11-May   | 5-Jun  | Group           |                    |
| 2.0 Trust for Public Land Presentation     | 11-May   | Jun    | Group           |                    |

## **8.0 STAKEHOLDERS**

### **8.1 Adjacent Landowners & Tenants**

**Trust for Public Land (TPL):** As project client, TPL is interested in seeing alternatives for restoration of the Bridal Veil Mill site, which it has owned for eleven years. TPL is familiar with the history of the site, has access to relevant studies, and has contact information for several stakeholders and key informants. TPL can provide input for the creation of a final document that is useful for decision-makers.

**Bridal Veil Residential Community:** Some residents of Bridal Veil have expressed interest in preserving the history of the Bridal Veil mill site and are members of the Crown Point Historical Society (CPHS). BFC will inform residents and landowners about this project and welcome input regarding the history of the area and ideas for restoration of the site. BFC will assess whether stated community needs can be addressed by this project.

**United States Department of Agriculture (USDA) Forest Service (USFS), Region 6:** The Bridal Veil Mill Site is one of approximately 80 locations in the Gorge that USFS is considering acquiring. BFC will inform USFS about the project site and inquire about the potential for purchase. USFS must be made aware of the need for cleanup of the site, although it has not been decided who would be responsible for this task. If USFS were to purchase the land, it could possibly enter a land swap with the Oregon Parks and Recreation Department (OPR).

**Oregon Parks & Recreation Department (OPR):** OPR owns and maintains land adjacent to the project site, including Bridal Veil Falls. BFC will assess OPR's need for additional parkland in the Gorge. According to TPL, OPR may already have a vision for future park space and might be interested in acquiring the project site. If the USFS purchases the land from TPL, it could possibly engage in a land swap with OPR, which would become the new owner.

**United States Postal Service (USPS):** The Bridal Veil Post Office is a current tenant on the project site that gets most of its business from soon-to-be-married couples who want the "Bridal Veil" stamp on their wedding invitations. BFC will consider the distance to the next nearest post office as well as how many postal customers are served, to assess its importance to the local community and beyond. As part of a restoration plan, TPL sees the potential for relocation of the post office, possibly to another area on the site.

**Oregon Department of Transportation (ODOT), Region 1:** A site restoration plan must meet ODOT regulations since the property is adjacent to the Historic Columbia River Highway. The site can also be accessed by I-84, which runs parallel to the Union Pacific Railroad (UPRR). ODOT can provide input regarding the feasibility and need for additional parking in the area. The Historic Columbia River Highway is further protected by its designation as a National Historic Landmark (NHL).

**Union Pacific Railroad (UPRR):** UPRR owns and operates the rail line that runs adjacent to the project site and is leasing a portion of its land to TPL. At one point, UPRR considered building a berm that would separate the rail line from the rest of the site. There is the potential for UPRR to sell the portion of its land not on the rail line, but within the site, to TPL or another party.

**Bridal Veil Community Church:** The Bridal Veil Community Church is a current tenant on the project site, located near the post office. BFC will consider the benefits that the church provides for the community and consider alternatives for preservation or relocation.

## **8.2 Regulatory Agencies**

**Columbia River Gorge Commission:** This government agency was created by the 1986 Columbia River Gorge National Scenic Area Act. The Commission is charged with developing and enforcing policies "to protect and enhance the scenic, natural, cultural and recreational resources of the Gorge." Redevelopment of the project site must comply with the Commission's policies.

**Multnomah County:** The Bridal Veil mill site is within the jurisdiction of Multnomah County and all development must comply with its regulations. The County has retained numerous documents pertaining to the project site, concerning TPL's request for demolition of the buildings.

**Federal Emergency Management Agency (FEMA):** The project site is located in an area prone to mudslides and possible flooding. BFC will refer to FEMA for further information about these potential hazards.

## **8.3 Interested Parties**

**Sierra Club, Oregon Chapter:** The Sierra Club has an interest in promoting as much wetland and habitat restoration as possible on the site. The end goal is more public open space with access to Bridal Veil Falls in conjunction with some restoration. The Sierra Club is a good source of information for restoration and natural resource issues and has already expressed interest in the project. BFC plans on visiting the site with a Sierra Club representative such as Scott Chapman.

**Columbia Land Trust:** Columbia Land Trust assists landowners in natural resource conservation by accepting land donations and managing land under a stewardship plan. This organization also purchases lands with significant scenic, recreation, or habitat qualities by using financial contributions from private donors.

**Friends of the Columbia Gorge:** This organization, founded by Nancy Russell, advocates for the protection of Gorge lands, promotes new recreation options, supports livable communities, and provides outdoor programs. Friends of the Columbia Gorge's values regarding the area show potential interest in this project.

**National Park Service, Pacific West Region:** The Bridal Veil mill site is located within the Columbia River Gorge National Scenic Area and is adjacent to the Historic Columbia River Highway, which is a NHL. These designations are part of the National Park System. The National Park Service preserves natural and cultural resources and values of the National Park System and assists in natural and cultural resource conservation and outdoor recreation. The National Park Service might be able to provide information that is useful for this project and could possibly offer its assistance in natural and cultural resource preservation.

**American Land Conservancy (ALC):** ALC is a national, private, nonprofit organization that works with land trusts, communities, private landowners, and other agencies to create

conservation solutions for threatened land and water resources. BFC will contact ALC for possible assistance with this project and will seek out ALC publications that are relevant to the project goals.

**Oregon Historical Society (OHS):** OHS is a good source of information about the history of the Bridal Veil mill site. OHS works to preserve Oregon's significant historic resources through public education and outreach. As part of our literature review, we will search for relevant publications by the OHS Press. Members of this organization might have knowledge of the site's history that they could share with BFC.

**Crown Point Historical Society (CPHS):** Many local residents joined this organization during the 1990s in a failed effort to prevent demolition of the buildings on the project site. CPHS is interested in preserving the history of the site and hopes that future redevelopment will recognize the history of the Bridal Veil mill town.

**Oregon Trout:** Oregon Trout is a nonprofit organization that works to protect and restore native wild fish and the ecosystems that sustain them. There is potential for restoration of riparian habitat on the project site.

## **9.0 BUDGET**

The following are estimated costs for project research and the creation of project materials. The amount covered by TPL is based on financial feasibility and cannot be determined at this time. Until this determination can be made, BFC will cover project-related costs.

|                               |          |
|-------------------------------|----------|
| Photocopying                  | \$50.00  |
| Film Processing               | \$20.00  |
| Art Supplies                  | \$15.00  |
| Stakeholder Meeting Materials | \$20.00  |
| Transportation                | \$25.00  |
| Printing / Binding            | \$300.00 |
| <hr/>                         |          |
| TOTAL                         | \$430.00 |

## **10.0 STATEMENT OF PURPOSE AND RESPONSIBILITIES**

Having a clear sense of our purpose and responsibilities to our client, the people of Bridal Veil and the region, and the natural landscape that surrounds and sustains the residents of this unique place has been a critical element in the formulation of this work plan. The overarching intent of this project is to engage stakeholders in a process that ultimately contributes in an important way to the restoration and betterment of a place that is rich in community history and natural beauty. We will listen to personal stories, experiences, and hopes that people may share with us. We may well find that, despite whatever differences may exist, there is a common appreciation and affection for this place, something that our effort can build upon. We will share what we learn with others and communicate openly and honestly with them. We hope that in the end what we produce is a plan that incorporates community, historical, and natural values to the benefit and satisfaction of all who may join us in this effort.

## **APPENDIX A: Project Team**

### ***Bruce Barnett – Public Relations, Design Consultant and Secretary***

Bruce Barnett received a B.S. degree from the School of Fine and Performing Arts at Portland State University. He worked for the City of Portland Auditor's Office for seven years before returning to graduate school. Bruce has remained closely involved with the outer southeast Portland community in which he was raised, through participation as a member of the Lents Urban Renewal Economic Development Committee and on the Board of Representatives for the Johnson Creek Watershed Council.

### ***Elizabeth Freeston – Government Relations and Policy Consultant***

Elizabeth received her B.A. degree in Political Science from Loyola University Chicago in 1996. After graduation, she worked for a United States Senator in Washington, DC. For the past two years, Elizabeth has worked for the City of Portland, Office of Planning and Development Review (OPDR). She is currently working as an Associate Planner in the Land Use Review Division of OPDR. In this position, she works with applicants to ensure that their land use reviews meet the approval criteria of the Portland Zoning Code and the Subdivision and Partitioning Regulations.

### ***Richard Friday – Environmental Consultant and Chief Editor***

Richard received a B.A. degree in Philosophy from Lewis and Clark College in 1991. He is currently a second-year student in the Master of Urban and Regional Planning Program at Portland State University, with a focus on environmental planning. He is especially interested in environmental policy and sustainable development and is employed at David Evans and Associates, a consulting firm in Portland, Oregon.

### ***Raef Porter – Technical Communications and GIS Consultant***

Raef received two B.S. degrees from the University of Utah in Geography and Anthropology. He is currently a second-year student in Portland State University's Master of Urban and Regional Planning program, specializing in land use planning. Raef has been working for the United States Geological Survey for the past six months as a GIS analyst. He has also worked conducting site analyses for a mineral exploration company.

### ***Laurie Shiels – Project Manager, Assistant Design Consultant and Copy Editor***

Laurie holds an A.A. degree in University Studies from Canada College and a B.A. degree in Urban Studies from San Francisco State University. She is specializing in land use within Portland State University's Master of Urban and Regional Planning program, and will graduate in spring 2002. Laurie has worked in both current and long-range planning for the City of Half Moon Bay, California. Her most recent project was the creation of an Open Space Element and Implementation Program for the City of Half Moon Bay.



## **APPENDIX B: Contact Information**

### **Stakeholders**

#### **Trust for Public Land**

<http://www.tpl.org>  
1211 SW 6<sup>th</sup> Ave.  
Portland, OR 97204  
(503) 228-6620  
Chris Beck: [chris.beck@tpl.org](mailto:chris.beck@tpl.org)  
Kristin Newman: [kristin.newman@tpl.org](mailto:kristin.newman@tpl.org)

#### **Oregon Parks and Recreation Department**

<http://www.prd.state.or.us/>  
Michael Carrier, Director  
1115 Commercial St NE  
Salem OR 97301  
(503) 378-6305

#### **USDA Forest Service, Region 6**

<http://www.fs.fed.us/r6/>  
Pacific Northwest Region  
PO Box 3623, 333 SW First Avenue  
Portland, OR 97208-3623  
(503) 808-2971

#### **Crown Point Historical Society**

P.O. Box 17  
Bridal Veil, OR 97010

#### **United States Postal Service**

<http://www.usps.gov/>

#### **Columbia River Gorge Commission**

<http://www.gorgecommission.org/>  
P.O. Box 730  
White Salmon, WA 98672  
(509) 493-3323  
Fax: (509) 493-2229  
E-mail: [crgc@gorge.net](mailto:crgc@gorge.net)

#### **Friends of the Columbia Gorge**

<http://www.gorgefriends.org/>  
522 SW Fifth Avenue, Suite 820  
Portland, OR 97204  
(503) 241-3762  
Fax: (503) 241-3873

#### **Multnomah County**

<http://www.co.multnomah.or.us/>  
Bob Hall, Senior Planner

(503) 823-4000

**Oregon Department of Transportation (ODOT), Region 1**

<http://www.odot.state.or.us/home/>

123 NW Flanders  
Portland, OR 97209  
Phone: (503) 731-8200

**Union Pacific Railroad**

<http://www.uprr.com/>

1416 Dodge Street  
Omaha, NE 68179  
UPRR Main Number: (402) 271-5000  
UPRR Operator: 888-870-8777

**Other Interested Parties**

**Sierra Club, Oregon Chapter**

<http://oregon.sierraclub.org/>  
2950 SE Stark, Suite 110  
Portland, OR 97214  
(503) 238-0442/  
Fax: (503) 238-6281  
Scott Chapman  
(503) 227-3463  
[scott.chapman@att.net](mailto:scott.chapman@att.net)

**Columbia Land Trust**

1351 Officers' Row  
Vancouver, WA 98661  
(360) 696-0131  
Voice: (360) 696-1847

**National Park Service, Pacific West Region**

Regional Director  
National Park Service  
One Jackson Center  
1111 Jackson Street  
Suite 700  
Oakland, CA 94607  
(510) 817-1300

**National Park Service, Headquarters**

<http://www.nps.gov/>  
Director  
National Park Service  
1849 C Street NW  
Washington, DC 20240  
(202) 208-6843

**American Land Conservancy**

<http://www.alcnet.org/index.html>

1388 Sutter Street, Suite 810

San Francisco, CA 94109

(415) 749-3010

Fax: (415) 749-3011

mail@alcnet.org

**Oregon Historical Society**

<http://www.ohs.org/>

200 SW Park Avenue

Portland, OR 97205-2483

(503) 222-1741

Fax: (503) 221-2035

E-mail: orhist@ohs.org

**Federal Emergency Management Agency, Region X**

<http://www.fema.gov/>

Federal Regional Center

130 228th Street, SW

Bothell, WA 98021-9796

(425) 487-4604

Fax: (425) 487-4622

**Oregon Trout**

<http://www.ortrout.org/>

117 SW Naito Parkway

Portland, OR 97204-3512

(503) 222-9091

Fax: (503) 222-9187

## **BigFoot Consulting**

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Laurie Shiels  
(503) 525-4184  
[shiels@pdx.edu](mailto:shiels@pdx.edu)