APPENDIX B

Drainage Problems and Complaints
<table>
<thead>
<tr>
<th>ID</th>
<th>Date</th>
<th>Description</th>
<th>Assigned to</th>
<th>Status</th>
<th>First Name</th>
<th>Last Name</th>
<th>Address Entered</th>
<th>Action</th>
<th>Location</th>
<th>Neighborhood</th>
<th>Date closed</th>
<th>Date entered</th>
</tr>
</thead>
<tbody>
<tr>
<td>2852</td>
<td>8/23/2004</td>
<td>Mr. Reilly had to have the City maintenance crew respond this weekend to a flooding issue at his residence - there is a creek now running down and around his house between his house and his neighbor’s. We’re not sure exactly how this came to pass, but he knows that something is going to be done about this creek, because it is definitely going to be a flooding problem. Requesting someone check it out and see if there isn’t some remedy.</td>
<td>elafrance</td>
<td>CLOSED</td>
<td>Mike</td>
<td>Reilly</td>
<td>4215 E Lk Sammamish Shore Ln SE</td>
<td>Closed</td>
<td>Drainage Problems</td>
<td>E Lk Sammamish Shore Ln SE</td>
<td>9/2/04</td>
<td></td>
</tr>
<tr>
<td>4602</td>
<td>1/18/2007</td>
<td>Mr. Moore called this morning to report a drainage problem along E. Lake Sammamish Pkwy at Perigrine Point. Water is flooding like a run off the banks and over the road and part of the bank has broken away and slid down. Could someone please investigate this problem and give him a call?</td>
<td>Elafrance</td>
<td>CLOSED</td>
<td>Carvel</td>
<td>Moore</td>
<td>4299 E Lake Sammamish Shore Lane SE</td>
<td>Closed</td>
<td>Drainage Problems</td>
<td>Perigrine Point</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5240</td>
<td>11/16/2007</td>
<td>Street during heavy rains, yesterday we had a large plume in the lake. I have called the county several times and they have cleared their ditches but it has not solved the problem. The City needs to see what can be done to protect the lake from further drainage as we enter the wet season.</td>
<td>Cunningham</td>
<td>CLOSED</td>
<td>Ed</td>
<td>Roberts</td>
<td>E Lk Sammamish Shore Ln SE</td>
<td>Closed</td>
<td>Drainage Problems</td>
<td>3819 &amp; 3901 East Lake Sammamish</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5297</td>
<td>12/30/2007</td>
<td>Flooding at the bottom of 312th at E Lk Samm Pkwy.</td>
<td>csimpson</td>
<td>CLOSED</td>
<td>Anonymou s</td>
<td>dlunde</td>
<td></td>
<td></td>
<td>Drainage Problems</td>
<td>212th</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5299</td>
<td>12/24/2007</td>
<td>Mr. Moore left a message Saturday (12/22) in regards to flooding in his and his neighbor’s garages from rain off originating off Perigrine Pk Way SE. I happened to live by there (as I was working a little Saturday). It was 30 to 60 minutes after it had stopped raining. Water was cascading across the south sidewalk on Perigrine, across the Parkway down to Shore Ln where Mr. Moore lives.</td>
<td>shortwig</td>
<td>CLOSED</td>
<td>Karvel</td>
<td>Moore</td>
<td></td>
<td>Thundion</td>
<td>Drainage Problems</td>
<td>E Lk Samm Sh Ln SE - 4200 Block</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ID</td>
<td>Date</td>
<td>Description</td>
<td>Assigned to</td>
<td>Status</td>
<td>First Name</td>
<td>Last Name</td>
<td>Address Entered</td>
<td>Action</td>
<td>Type</td>
<td>Location</td>
<td>Neighborhood</td>
<td>Date closed</td>
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<tr>
<td>7796</td>
<td>3/28/2011</td>
<td>Online Citizen Action Request: Water has been bubbling out of the top of a heavy drain for at least 3 weeks. The water runs down the side of the paved street, then crosses over and is flooding our shared waterfront recreational lot. We didn't report it sooner because it has been so rainy and because we thought it was coming from a nearby construction site. But with the drier weather we now can tell that the drain is seriously backed up. The drain is large, round, and topped with a heavy grate. We'd like to see the drain unplugged so our lot can dry out and we can clean up all the debris that washed ashore this winter. Thank you! Location: The drain is located opposite our home at 4230 East Sammamish Shoreline SE. The drain is positioned between the pavement and the railroad tie retaining wall that borders the recreation trail. There's actually a little &quot;cut-out&quot; in the retaining wall to accommodate the drill. You can easily follow the path the water takes after overflowing the drain. Our waterfront lot -- the one being flooded -- is located 300 feet down from the 4229 property. Sorry to not be more exact, but our shared waterfront lot doesn't really have an address and the panel number listed in the database is a duplicate of one farther north on the lake.</td>
<td>Celeste and Bob Boyer</td>
<td>Closed</td>
<td>Elfrance</td>
<td>21007 SE 42nd ST</td>
<td>forwarded to Michelle, Kyle, Martin and Lisa</td>
<td>4/9/11: Celeste called checking the status of this because it seems to be getting worse. Colleen referred her to M&amp;D. Michelle indicates that at some point Kyle requested that this be referred to Eric. Colleen has no record of it being referred to Eric. This CAR was now being forwarded to Eric and Lisa. This also corresponds with M&amp;D #0-413-395</td>
<td>Drainage Problems</td>
<td>Opposite 4230/115 Shore Lane SE</td>
<td>4/12/11</td>
<td>Mar 28, 2011 2:05PM</td>
</tr>
<tr>
<td>8545</td>
<td>10/4/2012</td>
<td>Email from Mona 10/3/12: I just received a complaint from the folks that live at 4230 East Lake Sammamish Shore Lane SE calling about the runoff from the gutters and downspouts at 4231 East Lake Sammamish Shore Lane SE. He said this is creating a wetland situation in his back yard and he’d like us to do something about having his neighbors keep their own runoff off their lot and not have it run out onto his lot. Looks like the house at 4231 may have a wetland out back since it’s undeveloped, but nothing is showing up in iMap. Perhaps Kathy can expand on this. At any rate, the big house is complaining that the little house is dumping all their stormwater/drainage onto him. Help…thanks!</td>
<td>Elfrance</td>
<td>Closed</td>
<td>Citizen</td>
<td>4281 East Lake Sammamish Shore Lane SE</td>
<td>made a site visit and determined neighbor is not doing anything wrong or different, may just be a change in ground water. LW 10/11/12</td>
<td>Drainage Problems</td>
<td>4281 East Lake Sammamish Shore Lane SE</td>
<td>10/11/12</td>
<td>Oct 4, 2012 1:31PM</td>
<td></td>
</tr>
<tr>
<td>8564</td>
<td>10/23/2012</td>
<td>Broken catch basin</td>
<td>Elfrance</td>
<td>Closed</td>
<td>Misty</td>
<td>Welker</td>
<td>4039 E 1a Sams 16th St SE</td>
<td>homeowner will have to repair. LW 10/23/12</td>
<td>Drainage Problems</td>
<td>4039 E 1a Sams 16th St SE</td>
<td>10/26/12</td>
<td>Oct 23, 2012 9:18AM</td>
</tr>
</tbody>
</table>
### Drainage Related Comments Received During Open House Public Meetings in March 2014

<table>
<thead>
<tr>
<th>Segment</th>
<th>Comment Type</th>
<th>Contact Information</th>
<th>What are your top priorities and concerns about the trail design?</th>
<th>Please share any other questions or comments that you would like King County to consider during the design process?</th>
<th>Do you have any other special access concerns or issues that King County should be aware of during design and construction?</th>
<th>Are you aware of any private utilities that may conflict with construction activities?</th>
</tr>
</thead>
</table>
| A       | Form         | Daniel "Dan" O'Donnell  
4229 E Lake Sammamish Shore Lane SE  
Sammamish, WA 98075  
425-567-0447 or 206-714-6608 (cell) | Fencing, drainage, stop signs at trails to roads, shrubbery | Fencing to limit access to properties. Better drainage for wetland. | Fencing? | 2 house waterlines cross under the trail. Owners can direct for marking. |
| A       | Form         | Carv and Elynne Moore  
4299 East Lake Sammamish Shore Lane SE  
Sammamish, WA 98075 (center section 217)  
cnemoore@aol.com  
425-557-8237 | Preservation of old, existing trees, preserving beautiful flowering trees and bushes on the berm. We also have landscape lighting and irrigation we want to preserve, privacy is also an issue and concerns about increase in crime. | We would so appreciate working together to make this a win win situation. We have so much beautiful landscaping we would like to keep and maintain. | We want to make sure we have access to our driveway, and parking. We are very concerned about flooding that occurs from Pergtine Point comes down our driveway, crosses he trail, and floods our property. | Yes -- irrigation and landscaping lighting that exist on berm. |
| A       | Form         | Allen McNaughton  
4229 East Lake Sammamish Shore Lane SE  
Sammamish, WA 98075  
abmcnaug@aol.com  
425-392-4287 | Love the trail -- a few concerns/wishes.  
1. Safety at crossings -- cyclists don't stop even if they have stop signs.  
2. Fencing would like along our property - chain link. Hate look of post rail put up Issaquah section. Have had issues with trail users going off trail and going to lake. | Save my Doug fir trees! Several planted on bank over last 10 year. Would really appreciate it if they could be preserved. | Assume you mean to our homes? Road by house is narrow - construction parking could block access. Use of yard as turn around. | Water lines crosses under path current drainage is inadequate during periods of heavy rain. |
| A       | Form         | Trevor Nies  
4007 East Lake Sammamish Shore Lane SE  
Sammamish, WA 98075  
T-man@live.com  
206-799-6013 | I would like to have the expansion of the trail to the east of it so I can move the retaining wall east towards trail. This is important to allow access in and out of my garage I'm building. Note, I am looking to rebuild my retaining wall now so also want to make sure it doesn't get torn down during trail expansion. | How will the drainage ditch be improved? Note it flooded my house this winter! | No | |

Please share any other questions or comments that you would like King County to consider during the design process? | Do you have any other special access concerns or issues that King County should be aware of during design and construction? | Are you aware of any private utilities that may conflict with construction activities? |
-----Original Message-----
From: Nunnenkamp, Robert
Sent: Thursday, February 20, 2014 9:59 AM
To: Auld, Gina
Cc: Clow, Rodger
Subject: RE: Reiko at 4009 E Lk Samm Shore Lane - water damage

This is the first time I've seen this happen. We know we have a sediment problem coming from the other side of the parkway and are proactive about keeping the ditch clear. I believe this was an extraordinary event but it illustrates the current system has limitations.

-----Original Message-----
From: Auld, Gina
Sent: Thursday, February 20, 2014 9:02 AM
To: Nunnenkamp, Robert
Cc: Clow, Rodger
Subject: RE: Reiko at 4009 E Lk Samm Shore Lane - water damage

FYI.....

Gina Auld
Capital Project Manager

King County Facilities Management Division | Parks CIP
201 South Jackson Street, Suite 700
Seattle, WA  98104-3854
206.477.4552 | 206.724.1296 (cell) | 206.263.6217 (fax)

Please Note My New Phone Number
Thanks Robert. Does this overflow frequently or does this happen on bigger rain events? I see there seems to be quite a bit of silt washed down, does this happen frequently or during bigger rain events? Is the silt coming from the trail?

I will bring this to Phoebe's attention but the more details we can provide her the better.

Thank you.

Gina Auld
Capital Project Manager

King County Facilities Management Division | Parks CIP
201 South Jackson Street, Suite 700
Seattle, WA 98104-3854
206.477.4552 | 206.724.1296 (cell) | 206.263.6217 (fax)

Please Note My New Phone Number

-----Original Message-----
From: Nunnenkamp, Robert
Sent: Thursday, February 20, 2014 8:59 AM
To: Auld, Gina
Cc: Clow, Rodger
Subject: RE: Reiko at 4009 E Lk Samm Shore Lane - water damage

Yes. We had big rains over the weekend and the system overflowed. The system has culverts of varying sizes and residents have modified the system on our property as well.

-----Original Message-----
From: Auld, Gina
Sent: Thursday, February 20, 2014 8:56 AM
To: Nunnenkamp, Robert
Cc: Clow, Rodger
Subject: RE: Reiko at 4009 E Lk Samm Shore Lane - water damage

Hi Robert,

I am assuming you are forwarding the photos that went with the below e-mail to me so we can look at the drainage issue while designing the South Sammamish Segment? Can I get some more information on this?

Thank you.

Gina Auld
Capital Project Manager

King County Facilities Management Division | Parks CIP
201 South Jackson Street, Suite 700
Seattle, WA 98104-3854
206.477.4552 | 206.724.1296 (cell) | 206.263.6217 (fax)

Please Note My New Phone Number
This is an area we'll need to take a closer look at as the plans go to 60%. While this was most likely an extraordinary event, we should look at designing the drainage to help minimize the possibility of overflow. This area gets a lot of sediment and the ditch gets cleaned out every year.

Hi Robert,

Here are some of the photos sent to me from the property owner. I took some more photos yesterday and will forward those as soon as I have a chance.

Thanks,
Rodger

Hi Rodger,
Thank you for your quick response, very much appreciated your call today.
Awaiting your call tomorrow to discuss what you saw at our place this afternoon.
I've attached some pictures I took on Tuesday for your reference as well. The event actually happened last Sunday around midnight (about 2 days before these pictures were taken).

Look forward to speaking with you tomorrow.
Thanks again,
Reiko Hisamatsu
July 21, 2014

King County
KSC-NR-0700
201 S Jackson St, Ste 700
Seattle, WA 98104-3855

Dear Sir or Madam:

I am the homeowner at 4293 East Lake Sammamish Shore Lane SE, and last Monday, July 14, I was present when the County and its consultant, Parametrix, made an on-site introduction of the plans the County has for improving the East Lake Sammamish Trail adjacent to my property. My property is roughly located south of stations 217+75 and 218+75.

During the session I was told that the proper procedure to ask detailed questions was to submit them in writing and set up a follow up appointment with the County and/or Parametrix.

Accordingly here are my questions:

1) I would like to know how much water I should expect in the creek that flows on the west side of my property during the 100 year storm event that I was told was being used as the design criteria. Specifically, since the uphill developments have introduced significant amounts of impermeable surfacing and it appears that the County intends to collect the outfall from several culverts and divert it into the culvert that feeds the creek, I am very worried that the amount of water will exceed the bank capacity of this salmon-bearing creek. This is my most important question and I would like to know the answer to this question quantitatively. During the appointment I would like to see the area that has been determined to be contributory to this runoff.

2) Why do all the trees south of the new trail adjacent to my property have to be removed and replaced with a reinforced earthen berm? This is going to remarkably impact the sight lines from my property and expose the property to sounds that are currently damped by the numerous, large diameter trees that the County plans to remove.
3) With regard to the same piece of land, south of the trail and north of the roadway that serves the homeowners along East Lake Sammamish Shore Lane, SE, there is currently landscape lighting that is powered from my house service. Will it be replaced in some form with the new landscaping plan? The drawings did not depict any lighting.

4) Does the County intend to reimburse me for all the large diameter trees that I have planted and maintained in that same piece of land over the last 18 years?

I have engaged the services of a Professional Engineer to assist me with my questions, and intend to have him present at the appointment. His name is Stephen Laccinole, and he is a currently registered Civil and Structural Engineer in Washington State.

Would you please call me after reviewing this so that I can schedule with the appropriate persons at the appropriate time.

Sincerely,

[Signature]

Dr. Eva C. Vanderhoeven
4293 East Lake Sammamish Shore Lane, SE
Sammamish, WA 98075
FYI

LAURA LABISSONIERE MILLER
Associate
206.462.6398 | C 206.734-9420

Begin forwarded message:

Resent-From: <ELST@kingcounty.gov>
From: Steve Laccinole <selaccinole@selpeco.com>
Date: October 27, 2014 at 6:46:29 PM PDT
To: ELST Master Plan <ELST@kingcounty.gov>
Cc: eva.vanderhoeven@gmail.com,
    mdavis@sammamish.us
Subject: RE: 140930 ELST S Samm - Vanderhoeven

Dear Gina,

Thank you for working through the logistics of scheduling the meeting this coming Wednesday. Dr. Vanderhoeven and I will be looking forward to it. I would like to request that the engineer who will stamp both the alignment and the drainage drawings as the Engineer in Responsible Charge also be in attendance at this meeting as there are only two true objectives underlying Dr. Vanderhoeven’s concerns, both of them technical in nature. Those are:

1) The present alignment of the trail requires extensive tree removal and re-grading of the southern side of the trail, as well as a retaining wall. Based on a cursory review a realignment of the centerline on both sides of station 118+00 should be achievable with thoughtful engineering that doesn’t just take the centerline of the original railroad right of way as the centerline of the trail. This realignment would salvage trees, preserve privacy of Dr. Vanderhoeven’s property and may even save the county and/or city expense.

2) The water that is discharging through the creek (a Class S-2 salmon stream as re-designated by Fish and Wildlife agencies) needs to be carefully dealt with as the additional impervious surface and the uphill and
rework of the unnamed streams north of the right of way in this area is a significant concern to the habitat as well as Dr. Vanderhoeven’s property.

There is considerable history surrounding this particular lot that the County should also be aware of before taking the drawings from their present 60% completion to a bid ready state. We will describe this to you during the meeting.

Since the meeting date is on the 29th, the last day for filing concerns about the development, this email will constitute the basis for Dr. Vanderhoeven’s petitions here. Thanks for providing the opportunity to work with the County and City as opposed to just resisting the development.

S.E. (Steve) Laccinole, PE, SE  
Principal Engineer  
Selpeco Resources, Inc.  
206-255-0885  
www.selpeco.com
Dear Sir/Madam

This email is to request a technical meeting with the Engineer in Responsible Charge for this project. The request is being made on behalf of Dr. Eva Vanderhoeven who owns the property located at 4293 East Lake Sammamish Shore Lane, SE Sammamish WA 98075.

Dr. Vanderhoeven’s property is going to experience two severe impacts from the trail expansion project that may be mitigated through proper design and, possibly, waivers and a technical discussion may help to produce a solution that would negate the need for any further protest of any form. Those two impacts are:

1) The amount of storm water runoff that is being channeled via culverts and surface drainage into the stream that is on Dr. Vanderhoeven’s property may damage not only her property but also the ability of the stream to harbor its designation as a salmon bearing stream.

2) The number of large trees being removed to establish sight lines for vehicle traffic that will cross the new trail appears to be mitigated by a realignment of the trail to the north while still being able to be located within the trail right of way.

Please advise as to available windows of time for such a meeting. Selpeco will be represented by myself and, if necessary, an additional civil and/or environmental engineer. The objective will be to avoid land use conflict through technical savvy and creativeness. Thank you.

S.E. (Steve) Laccinole, PE, SE
Principal Engineer
Selpeco Resources, Inc.
206-255-0885
[www.selpeco.com](http://www.selpeco.com)

________________________________

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June 11, 2004

Mrs. Eva Van der Hoeven
4293 E. Lake Sammamish Shore Lane SE
Sammamish, WA 98075

Re: Van der Hoeven Property
B-twelve Job #A4-116

Dear Eva,

Per your request, we have completed a study of the sensitive areas on your property located just west of your house at 4293 E. Lake Sammamish Shore Lane SE, in the City of Sammamish, WA. (See Exhibit A.) The narrow lot, Parcel No. 1724069100, contains a stream that flows into Lake Sammamish. This letter describes the current conditions of the stream and buffer, as well our recommendations for additional protection of the sensitive area.

Exhibit A: Vicinity Map
BACKGROUND

The clearing and grading of the stream area occurred in June 1999 without a grading permit, and was therefore considered a violation in King County. The County classified the stream as a Class 2S, and recommended the addition of log weirs and planting of native vegetation on the site. The County required a Restoration Plan, but had not received a plan before the site was annexed into the City of Sammamish in January 2000.

The City of Sammamish sent the property owners a Notice to Comply, dated January 16, 2004. The Notice requests a special study to be completed by a professional biologist, as well as a mitigation plan, if necessary. These items are to be submitted along with the grading permit application.

Ronda Litza of the City of Sammamish has met with you on the site to observe the conditions of the restoration area. I have corresponded with Ronda and have met with Steve Roberge at the City to discuss this project. It is B-twelve’s understanding that the City is generally supportive of the improvements that occurred on the site, but that they are seeking the opinion of a professional biologist.

According to the property owner, before they began restoring the site, it was overgrown with blackberries and contained a large amount of debris. The basement of your home located east of the stream was flooding more frequently due to a higher volume of stormwater coming from upstream. Restoration on the site (prior to receipt of a permit) included the removal of a dilapidated fence, blackberries, and five (5) trucks full of trash. Garbage found on the narrow lot included 16 tires, a refrigerator, car parts, and over 200 bottles. With direction from a UW professor, the stream was graded so that it would contain the water as it flowed to Lake Sammamish. Natural meanders were added to the stream channel, and the banks of the stream were stabilized with rocks and vegetation. The site conditions are described in more detail below.

SITE OBSERVATIONS

Darcey Miller of B-twelve Associates visited the site to inspect current conditions on March 5 and May 16, 2004. The stream area contains a fairly dense mix of native trees, shrubs, and herbaceous species, as well as some non-native flowers. (See Photographs and Sheet W-1: Existing Conditions Map.) A large willow and large Oregon ash are located at the north end of the stream, and provide shade for much of the stream and buffer. In addition, several Oregon ash are also located near the woodshed, and closer to the Lake. A large tree trunk was observed on the north portion of the western streambank. This trunk and the large trees near the stream were located on the site prior to the completion of any restoration work. No wetlands were observed on the site.
The stream area contains a small amount of watercress and reed canary grass, which will eventually block stream flow. The site has been kept free of all other invasive species without the use of any pesticides or machinery.

A small footbridge is located over the stream, approximately three-quarters of the way down the stream from the driveway. A footpath leading from the bridge to the woodshed consists of sandstone blocks with sand between the blocks, and is generally pervious.

We understand that more water is flowing through this feature than even several years ago. We believe that this water consists at least partially of stormwater from impervious surfaces upstream, as more development is occurring. However, blocked culverts appear to also be a cause of more water coming down through the stream on the site. We observed a blocked culvert to the north of the Sammamish Trail, oriented in a north-south direction under E. Lake Sammamish Shore Lane SE. (See Sheet W-1.) In addition, several culverts are also blocked that drain under E. Lake Sammamish Parkway SE and into the ditch to the north of the Trail.

**CONCLUSIONS and RECOMMENDATIONS**

It is our opinion that the grading and restoration work on the site has greatly improved the overall condition of the sensitive area. The removal of garbage and of non-native invasive species is beneficial to water quality and to wildlife. The planted vegetation is very healthy, and it appears to be helping to stabilize the soil along the streambanks. The mowed lawn begins near the west property line of the lot on which the Van der Hoeven residence is located. We understand that this lawn has existed since construction of the house, and was not considered by King County to be part of the violation.

The buffers were graded to gradual slopes, and are therefore able to support vegetation. The stream meanders appear to be slowing the water as it flows down to the lake. The rocks along the stream banks also appear to be stable, and they help to prevent soil erosion along the banks.

The footbridge on the site is located completely outside of the Ordinary High Water Mark (OHWM). It provides minimal shading of the stream, and plants are growing right up to its edges. The bridge also allows access to the other side of the property, on which the woodshed is located.

In order to attempt to limit the amount of water flowing through the site, we suggest that the City maintain the culvert under E. Lake Sammamish Shore Lane SE.
ENHANCEMENT PLAN

Although the stream and buffers are in very good condition, we recommend that the following restoration actions be completed in order to further improve the functions and values of the sensitive area.

1. Additional native trees, shrubs, and herbaceous species should be installed as shown on the Enhancement Plan. (See Sheet W-2.) Species and locations have been chosen to fill in gaps, to stabilize streambanks, to improve wildlife habitat, and to provide more shading of the stream. We recommend that planting occur during the rainy season (October-March) in order to ensure that the plants get enough water. If plants are installed outside of this time frame, they must be irrigated at least once per day until October.

2. Non-native herbaceous species should be removed from the stream and planted buffer.

3. All invasive species, such as watercress and reed canary grass, should be removed from the stream and planted buffer areas.

4. A gate should be placed across the north end of the footpath in order to provide privacy for the property owners and limit access by the public to the stream area.

5. We recommend that an installation sign-off be completed by the City or a biologist. The sign-off will ensure that the actions described above have been completed. It will also note any differences between the plan and the actual planting locations.

6. Maintenance Program

   - Himalayan blackberry, Japanese knotweed, evergreen blackberry, reed canary grass, Scots broom, English ivy, morning glory, watercress, or other invasive species should be controlled by hand and without chemicals within the sensitive areas.

   - Replace dead or failed plant material after the annual monitoring report has specified which plants have not survived. Replacement species are to be of the same species, size and location as original plantings. Plantings are to be installed during the dormant period (late October through mid-March).

   - Remove tree staking and guy wires from all trees after one year.

7. Monitoring Plan

   - One monitoring should be performed approximately one year following the installation sign-off. The property owner may complete the monitoring letter,
which should include a plant survival count, estimate of invasive species coverage, and photographs. If performance standards are not met, additional plants must be planted before the project may be accepted as complete.

- Performance Standards

  a. No more than 10% of the vegetation coverage may consist of non-native or invasive species at the end of the monitoring period.

  b. Evaluation of the success of the mitigation project will be based upon a 90% survival rate for all planted vegetation at the end of the monitoring period.

We believe that with the recommendations described above, the actions completed on the site comply with the Environmentally Sensitive Areas chapter of the Sammamish Municipal Code (Chapter 21A.50). It is our opinion that the stream restoration has improved the condition of the sensitive area, and will continue to improve it as both the existing and new plants grow to maturity.

Please feel free to call or e-mail me (Darcey@b12assoc.com) if you have any questions or require any additional information. Thank you.

Sincerely,

B-twelve Associates, Inc.

Darcey B. Miller
Wetland Ecologist

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PHOTOGRAPHS

Photograph 1: Culvert at north end of stream

Photograph 2: Stream and buffer, facing north to woodshed
Photograph 3: Stream and buffer, facing west at footbridge

Photograph 4: Stream and buffer, facing south to lake from footbridge