Application for Use of State-owned Aquatic Lands

Applicant Name: Segale Properties, LLC
County: King County
Water Body: Green River
Type of Authorization(s) – Use(s): Right of Entry for Two Sections of Levee Setback and Rehabilitation; Right of Entry for Levee Modification to Create Off-Channel Habitat; Conditional Easement for In-Channel Placement of Large Woody Debris; Outfall Easement for Johnson Creek Ditch; Outfall Easement for Stormwater Pipe
Authorization Number(s): TBD
Term(s): TBD

Description: Segale Properties, LLC is proposing to implement development projects agreed upon with the City of Tukwila (see Development Agreement, 09-100, approved by ordinance No. 2233) as part of the Tukwila South Master Plan. The activities involve long-term development of up to approximately 14 million square feet in a large-scale, campus setting on approximately 512 contiguous acres located in the City of Tukwila and portions of unincorporated King County and the City of Kent that lie due south of the City. The project is intended to create a major new employment hub and to implement the new vision and policies for the Tukwila South planning area outlined in the City of Tukwila’s Comprehensive Plan (2004).

The Department of Natural Resources has received application to allow the use state-owned aquatic lands for five Tukwila South project components, located on the Green River, in King County, Washington: levee setback and rehabilitation; levee modification for creation of off-channel habitat area; placement of large woody debris in river channel; relocation of existing Johnson Creek Ditch outfall; placement of new stormwater outfall pipe.
TUKWILA SOUTH PROJECT FINAL EIS

Final Environmental Impact Statement

City of Tukwila, Washington
July, 2005
April 14, 2011

Vivian Hawkins
Aquatic Lands Manager
Washington Department of Natural Resources
South Puget Sound Region
950 Farman Ave. N
Enumclaw, WA 98022

Re: Tukwila South Project

Dear Vivian:

Segale Properties LLC, ("Segale") is pleased to present an application for a DNR use authorization for certain activities proposed on state-owned aquatic lands. The activities proposed by Segale are elements of a larger project commonly referred to as the Tukwila South Master Plan ("Tukwila South"). The Tukwila South Master Plan approved by the City of Tukwila is a large scale campus style mixed used development on approximately 512 acres. Tukwila South has undergone thorough review by local, state and federal agencies. The City of Tukwila issued a Final Environmental Impact Statement in 2005, the Army Corp of Engineers recently issued a Clean Water Act Section 404 Individual Permit, the Department of Ecology issued a Clean Water Act Section 401 Water Quality Certification and a Coastal Zone Management Consistency Determination and the Washington Department of Fish and Wildlife issued a Hydraulic Project Approval. Segale is the project proponent, property owner and contractor. Segale will be responsible for the long-term management, monitoring and maintenance of the projects.

The Tukwila South project elements requiring DNR review are located in or adjacent to the Green River (WRIA 09-0001) between River Mile (RM) 17.35 and 16.85. Though within the urban growth area, the area is mostly undeveloped and in agricultural use. Existing site elevations near the Green River range between approximately 15 to 30 feet above sea level. The bed of the Green River ranges from about 3.5 feet to 5 feet above sea level. This reach of the Green River is relatively low-gradient and has been diked to protect adjacent uses from flooding. The flood flows are very near to the low flow channel with little to no active floodplain areas. The Green River supports Pacific salmonid species, and management goals of the King County Flood Hazard Management Plan for this section of the river are to set back the levees, create floodplain areas, and allow for manageable channel migration.

---

Segale Properties LLC is the successor by name change to La Pianta LLC.
Off Channel Area). The City of Tukwila and King County have recently performed levee rehabilitation work, including placement of large woody debris in the Green River Channel just north of Tukwila South at approximately RM 15. The work performed by Tukwila and King County was approved by DNR and is the subject of that certain easement recording under King County recording number 20080603001096 (the “Tukwila Project”). Additionally, King County also performed projects on the east bank of the Green River at RM 17. The King County project included levee lay back and rehabilitation and installation of large woody debris. Similar projects performed by King County also occurred at RM 16.5 and RM 15.5.

The Tukwila South project elements include the creation of an approximately 7 acre off-channel habitat area, relocation of stormwater outfall pipes into the Green River, laying back and rehabilitation of levees along the Green River and placement of woody debris in the Green River. Segale understands that some elements of the aforementioned project may require use authorizations from the Department of Natural Resources. A general description of each of the projects elements, including the need for the project, is provided below.

Relocation of Johnson Creek Discharge
The Master Plan includes the relocation of a portion of Johnson Creek Ditch. The Ditch currently connects to the Green River via a 36-inch stormwater pipe located one foot below ordinary high water which is elevation 14 feet. As a result of the relocation of Johnson Creek Ditch, the existing pipe will need to be relocated approximately 300 feet to the south. In addition to being relocated, the discharge pipe will be redesigned in order to improve fish passage. The new pipe will be 60-inches and will connect with the river below ordinary high water at an elevation of 8.6 feet. The new pipe will have a fish-friendly flap gate.

South Stormpond Outfall
The Master Plan includes the construction of a stormwater storage pond. The pond will have two outfalls to the Green River. One of the outfalls will be placed above OHW and the other will be placed below OHW at an elevation of 11 feet. The outfall will be via a 36-inch pipe with a flapgate. All existing stormwater for this area of Tukwila South currently discharges to the Green River via Johnson Creek Ditch and an existing stormwater outfall north of S.200th St. As part of the Project requirements to protect and enhance water quality, the new south regional detention/water quality pond is being created which will replace the existing storm outfall north of S. 200th St., and eliminate any Tukwila South stormwater discharge into the relocated Johnson Creek Ditch.

Off-Channel Habitat
Approximately 7.0 acres of land and the existing levee are proposed to be reconfigured to create approximately four acres of new open water habitat connected to the Green River and three acres of riparian buffer. The four acres of new open water habitat is currently located above OHW at an elevation of 25 feet and will be excavated down to 5 feet. A portion of the existing levee will remain in place during construction to provide a separator between the work area and the river channel. The final stage of construction will necessarily include work below the OHW as the separating berm is removed to connect the off-channel habitat area to the river. The Off Channel Habitat Restoration Area is being created to improve salmonid habitat, as part of the overall stream and wetland mitigation required for Tukwila South. For more information on the Off-Channel Habitat project please refer to the report prepared by Cedarock Consultants dated April 13, 2005.
**Large Woody Debris**
Because of the change in channel width as a result of the off-channel habitat area, some of the channel area will be backwater with little to no current flowing through it. Large woody debris (LWD) is proposed to be placed in the Green River in order to promote the flow of water and bedload sediments through the off-channel habitat area to ensure its long term success. The LWD will be composed primarily of wood and designed to remain stable in the locations they will be placed. While deflecting flow through the mitigation area, the LWD will maximize the ecological benefits of the off-channel habitat area by improving instream habitat for adult and juvenile salmonids. For more information on the LWD project please refer to the report prepared by Anchor Environmental, L.L.C. dated January, 2007.

**Levee Lay Back and Rehabilitation**
The Green River through the project area is a channelized drainage with levees containing flood flows very near to the low flow channel with little to no active floodplain areas. The existing levee is proposed to be set back and rehabilitated. The design for the rehabilitated levee is the same as the recently rehabilitated levees existing downstream on the west bank of the Green River. The levee will be setback onto land owned by Segale and the majority of the rehabilitation work will all occur above OHW. Included as part of the set back is the removal of the portion of the existing levee lying below OHW. The new levee section for the portion of the levee north of S 200th Street will connect to the river at an elevation of 8.5 feet. The new levee section for the portion of the levee south of S 200th Street will extend to the river bottom.

The details for each of the aforementioned projects, including grading plans, engineering, reports and analyses are included for your review. Also included for your review is a public safety checklist, stream stability and stream reach analysis and a Joint Aquatic Resources Permit Application (JARPA). Please feel free to contact Jami Balint or Mark Segale at (206)575-2000 if you have any questions.

Yours Truly,

SEGAL PROPERTIES LLC

[Signature]

Jami Balint
APPLICATION FOR AUTHORIZATION TO USE STATE-OWNED AQUATIC LANDS

The Applicant may not begin work on the project area until the State Department of Natural Resources (DNR) grants a Use Authorization.

1. SUBMISSION OF APPLICATION

DNR will review your application and post it on the DNR Leasing and Land Transactions website as public information. **Instructions:**
- Fill out the application by computer or by hand in blue or black ink.
- Send the completed form to the appropriate district office in the table below.
- **Enclose a $25.00 non-refundable application processing fee with the application.** This fee is not required for local, state, and other government agencies.
- DNR will notify applicants in writing if the application is accepted for further review, and may reject the application at any time prior to the signed execution of a use authorization.
- **Your project may require regulatory permits. Please do not apply for regulatory permits until you have discussed your proposal with your designated land manager.**

For additional information, contact the office that serves your county:

<table>
<thead>
<tr>
<th>Aquatic Lands Offices</th>
<th>Counties Served</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rivers District</strong></td>
<td>All of Eastern Washington, Grays Harbor, and Pacific counties</td>
</tr>
<tr>
<td>601 Bond Road</td>
<td>Thurston (fresh water only), Lewis, Wahkiakum, Cowlitz, Clark,</td>
</tr>
<tr>
<td>PO Box 280</td>
<td>and Skamania counties</td>
</tr>
<tr>
<td>Castle Rock, WA 98611-0280</td>
<td></td>
</tr>
<tr>
<td>(360) 577-2025</td>
<td></td>
</tr>
<tr>
<td><strong>Ore Straits District</strong></td>
<td>Island, Skagit, Snohomish, San Juan, and Whatcom counties</td>
</tr>
<tr>
<td>919 N Township Street</td>
<td></td>
</tr>
<tr>
<td>Sedro Woolley, WA 98284-9384</td>
<td></td>
</tr>
<tr>
<td>(360) 856-3500</td>
<td></td>
</tr>
<tr>
<td><strong>Ore Straits District</strong></td>
<td>Jefferson and Clallam counties</td>
</tr>
<tr>
<td>5310 Eaglemount Rd</td>
<td></td>
</tr>
<tr>
<td>Chimacum, WA 98325-9720</td>
<td></td>
</tr>
<tr>
<td>(360) 732-0934</td>
<td></td>
</tr>
<tr>
<td><strong>Shoreline District</strong></td>
<td>King, Pierce, Kitsap, Thurston (marine waters), and Mason counties</td>
</tr>
<tr>
<td>950 Farman Avenue N</td>
<td></td>
</tr>
<tr>
<td>Enumclaw, WA 98022-9282</td>
<td></td>
</tr>
<tr>
<td>(360) 825-1631</td>
<td></td>
</tr>
</tbody>
</table>

**FOR OFFICIAL USE ONLY**

<table>
<thead>
<tr>
<th>Support staff: Application Fee Received</th>
<th>Date: 5/17/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land Manager: □ New Application □ Renewal Application</td>
<td>Land Manager Initials:</td>
</tr>
<tr>
<td>Land Manager: Type: (20, 21, 22, 23, 31, 51)</td>
<td>NaturE Use Code:</td>
</tr>
</tbody>
</table>

Washington State Department of Natural Resources 1 of 8 Application for Use of State-owned Aquatic Lands February 2011
II. APPLICANT INFORMATION - person or entity responsible for the project.

Date of Application: April 15, 2011

Name of the person or entity that the Use Authorization should be issued to:

<table>
<thead>
<tr>
<th>Segale Properties LLC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicant’s Address:</td>
</tr>
<tr>
<td>P.O. Box 88028</td>
</tr>
</tbody>
</table>

| Telephone: 206-575-2000 | Fax: 206-575-1837 | E-mail: jbalint@segaleproperties.com |

Department of Revenue Tax Registration Number (Unified Business Identifier) Required: 602 023 533

Which of the following applies to Applicant? Check one and attach the written authority - bylaws, power of attorney, etc.

<table>
<thead>
<tr>
<th>Corporation</th>
<th>Limited Partnership</th>
<th>General Partnership</th>
</tr>
</thead>
<tbody>
<tr>
<td>State of Registration:</td>
<td>State of Registration:</td>
<td>State of Registration:</td>
</tr>
<tr>
<td>Sole Proprietorship</td>
<td>Marital Community</td>
<td>Government Agency</td>
</tr>
<tr>
<td>Spouse:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Other (Please Explain) Limited Liability Company - Washington State

Has DNR previously authorized this site or is it currently under an agreement with DNR?

Yes ☐ Agreement Number: No ☐ Don’t Know ☐

III. AGENT INFORMATION - Person authorized to represent the applicant about the project, if applicable.

Agent’s Name and Organization: Jami Balint - Segale Properties LLC

Agent’s Relationship to Applicant: Company Counsel

<table>
<thead>
<tr>
<th>Address: P.O. Box 88028</th>
<th>City: Tukwila</th>
<th>State: WA</th>
<th>Zip Code: 98138</th>
</tr>
</thead>
</table>

| Telephone: 206-575-2000 | Fax: 206-575-1837 | E-Mail: jbalint@segaleproperties.com |

Department of Revenue Tax Registration Number (Unified Business Identifier) is Required:

Which of the following applies to Agent? Check one and attach written authority to sign - bylaws, power of attorney, etc.

<table>
<thead>
<tr>
<th>Corporation</th>
<th>Limited Partnership</th>
<th>General Partnership</th>
</tr>
</thead>
<tbody>
<tr>
<td>State of Registration:</td>
<td>State of Registration:</td>
<td>State of Registration:</td>
</tr>
<tr>
<td>Sole Proprietorship</td>
<td>Marital Community</td>
<td>Government Agency</td>
</tr>
<tr>
<td>Spouse:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Other (Please Explain)
IV. LOCATION

<table>
<thead>
<tr>
<th>On what body of water is the state property?</th>
<th>County</th>
<th>King</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green River</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Section: 2</td>
<td>Township: 22</td>
</tr>
<tr>
<td></td>
<td>Range: 4</td>
<td>East □ or West □</td>
</tr>
</tbody>
</table>

**Note:** DNR requires a legal property survey before they approve a use authorization. You do not need to furnish a survey now. The DNR survey requirements are included on this form.

Physical description of Project Area (For example, marsh, tideflat adjacent to the Chehalis River, etc.): Bank and shoreland of Green River

Name of owner(s) of uplands, shorelands, and/or tidelands shoreward and adjacent to the Property:

Segale Properties LLC

<table>
<thead>
<tr>
<th>Address: P.O. Box 88028</th>
<th>City: Tukwila</th>
<th>State: WA</th>
<th>Zip Code: 98138</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone Number: 206-575-2000</td>
<td>Fax Number 206-575-1837</td>
<td>E-mail: <a href="mailto:jbalint@segaleproperties.com">jbalint@segaleproperties.com</a></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** DNR may require proof of ownership, or authorization to use the adjacent tideland, shoreland, or upland property, except for established Harbor Areas.

Attach a copy of the deed if you own the adjacent upland property.

County parcel numbers for adjacent upland, and/or tideland properties: 022204-9015 and 022204-9011

---

IV. USE OF PROPERTY

Describe the proposed use of the Property in detail: For complete description please see attached cover letter and plans.

1) Levee set back and rehabilitation 2) creation of off-channel habitat area 3) Placement of large woody debris in river channel 4) relocation of existing Johnson Creek Ditch outfall (below OHW) 5) new stormwater outfall pipe (below OHW)

Do you plan to sublease the Property? Yes □ No ✓ If yes, submit a copy of the sublease.

Do you know the current and past uses of the site? Please describe them here.

Flood protection (levee), road and agricultural

Do you know of any toxic or hazardous substances on the site or past situations that could have caused contamination? Yes □ No ✓ If yes, please explain:
V. IMPROVEMENTS - additions within, on, or attached to the land, or anything considered a fixture (RCW 79.105.060(6)). Examples include: pilings, dolphins, piers, wharves, buildings, pipelines and cables, and structures for bridges.

What improvements currently exist on the site? DNR may require photos.

Levee and drainage pipe

If there are improvements currently on the site, describe their condition.

Good

Will you remove or remodel any of the existing improvements? Yes ☑ No ☐

Do you plan to construct any improvements? If yes, please describe: Projects include levee rehabilitation & drainage pipes

Is there any fill material on the site? Yes ☑ No ☐ If yes, please describe:

Describe any habitat mitigation any permitting agency requires of you and where on this project it will occur:

Off-channel habitat project is mitigation for other aspects of the Tukwila South Master Plan

All answers and statements are true and correct to the best of my knowledge.

<table>
<thead>
<tr>
<th>Applicant name (please print):</th>
<th>Title:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Segale Properties LLC - Mark Segale</td>
<td>Vice-president</td>
</tr>
</tbody>
</table>

Applicant Signature: [Signature]

Date: 5/12/11

Authorized Agent name (please print): Jami Balint

Title: Company Counsel - Segale Properties LLC

Authorized Agent signature: [Signature]

Date: 5/12/11

For the Applicant's convenience, the following pages 5 through 8 contain some information on potential permit and survey requirements.
PROJECT DRAWINGS

Sheet 1 - Vicinity Map
Sheet 2 – Overall site existing conditions
Sheet2A – Existing Conditions north portion of site
Sheet2B – Existing conditions central portion of site
Sheet2B - Existing conditions south portion of site
Sheet 6A- Johnson Creek Outfall (Plan view)
Sheet 6B – Johnson Creek Outfall (Cross Sections)
Sheet 6C – Outfall flap gate structure
Sheet 7A – Stormwater pipe outfall (plan view)
Sheet 7B – Stormwater pipe outfall (cross sections)
Sheet 9A – Green River Off-Channel Restoration Area Final (Plan view)
Sheet 9B - Green River Off-Channel Restoration Area Final (cross sections)
Sheet 10A - Green River Off-Channel Restoration Area Interim (Plan view)
Sheet 10B - Green River Off-Channel Restoration Area Interim (cross sections)
Sheet 11 – Green River Large Woody Debris Placement
Sheet 12A – Planting plans for Green River (plan view)
Sheet 12B – Planting plan for Green River (details)
Sheet LM1-Levee Modification (plan view)
Sheet LM2 – Levee Modification (cross Sections)
Sheet LM2A – Levee Modification (cross Sections)
Sheet LM5 – Levee Modification (cross Sections)
Sheet LM5A – Levee Modification (cross Sections)
Sheet LM6 – Levee Modification (cross Sections)
Sheet LM7 – Levee Modification (details)
DIRECTIONS FROM SEATTLE:
- I-5 SOUTH TO S. 188TH ST. (EXIT 152)
- TURN LEFT ON S. 188TH ST.
- S. 188TH ST. BECOMES ORILLA RD. S.
- TURN LEFT ON S. 200TH ST.

THE PROJECT SITE LIES WITHIN PORTIONS OF:
SECTIONS 26 & 35, TOWNSHIP 23N, RANGE 4E AND
SECTIONS 2 & 3 TOWNSHIP 22N, RANGE 4E,
WILLAMETTE MERIDIAN

LATITUDE AND LONGITUDE
47° 25' 49" NORTH
122° 15' 57" WEST
STORM WATER FACILITY

PROPOSED FLOOD PROTECTION BARRIER DIKE ELEV 36

PROPOSED JOHNSON CREEK
(SEE SHEETS 5A, 5B & 5C FOR DETAILS)

PROPOSED 60" CMP

NEW JOHNSON CREEK OUTFALL TO BE CONSTRUCTED BY OPEN CUTTING THE EXISTING LEVEE DURING THE LOW FLOW SEASON AND INSTALLING A PIPE WITH A FISH-PASSAGE FRIENDLY FLOODGATE. SEE SHEET 10 FOR DETAILS.

TESS MEASURES TO INCLUDE COMPLETE CONTAINMENT OF ALL WATER WITHIN THIS AREA

APPROXIMATE LIMIT OF DISTURBANCE DURING INSTALLATION OF OUTFALLS. SEE SHEET 6B FOR CROSS SECTIONS.

PROJECT: TUKWILA SOUTH PROJECT
LOCATION: CITY OF TUKWILA, KING COUNTY, WA
DATE: JANUARY 17, 2007
APPLICATION BY: LA PIANTA LLC
PO BOX 88028
TUKWILA, WA 98138

GOLDSMITH & ASSOCIATES
Engineering - Land Use Planning - Surveying

SHEET 6A
JOHNSON CREEK OUTFALL
PLAN VIEW
NEW JOHNSON CREEK OUTFALL TO BE CONSTRUCTED BY OPEN CUTTING THE EXISTING LEVEE DURING THE LOW FLOW SEASON AND INSTALLING A PIPE WITH A FISH-PASSAGE FRIENDLY FLOODGATE AT ELEV. 8.6

GREEN RIVER
LOW FLOW ELEV. 9.0

FINISHED
GRADE

EXISTING
GROUND

PROPOSED
JOHNSON CREEK
(SEE FIGURES 5A, 5B
& 5C FOR DETAILS)

PROPOSED CULVERT

JOHNSON CREEK OUTFALL

NEW JOHNSON CREEK OUTFALL TO BE CONSTRUCTED BY OPEN CUTTING THE EXISTING LEVEE DURING THE LOW FLOW SEASON AND INSTALLING A PIPE WITH A FISH-PASSAGE FRIENDLY FLOODGATE AT ELEV. 8.6

RETURN LEVEE TO EXISTING ELEVATION UPON COMPLETION OF WORK

EXISTING
GROUND

GREEN RIVER
LOW FLOW ELEV. 9.0

JOHNSON CREEK OUTFALL CROSS SECTION

SCALE 1" = 40'

PROJECT: TUKWILA SOUTH PROJECT
LOCATION: CITY OF TUKWILA, KING COUNTY, WA
DATE: JANUARY 17, 2007
APPLICATION BY: LA PIANTA LLC
PO BOX 88028
TUKWILA, WA 98118

SHEET 6B

GOLDSMITH & ASSOCIATES
Civil Engineering - Land Use Planning - Surveying
STORM WATER POND OUTFALLS

EXISTING GROUND

FINISHED GRADE

PROPOSED PUMP FORCE MAIN

PROPOSED PUMP OUTFALL FROM STORM WATER WITH FLOODGATE

EXISTING GRAVITY OUTFALL WITH FLOODGATE TO BE USED FOR STORM WATER FACILITY

GREEN RIVER LOW FLOW ELEV. 9.0

PROPOSED CONTROL STRUCTURE TO LIMIT OUTFLOW RATE

RETURN LEVEE TO EXISTING ELEVATION UPON COMPLETION OF WORK

EXISTING GRAVITY OUTFALL WITH FLOODGATE TO BE USED FOR STORM WATER FACILITY

GREEN RIVER LOW FLOW ELEV. 9.0

STORM WATER POND OUTFALLS CROSS SECTION

SCALE 1" = 40'

PROJECT: TUKWILA SOUTH PROJECT
LOCATION: CITY OF TUKWILA, KING COUNTY, WA
DATE: JANUARY 17, 2007
APPLICATION BY: LA PIANTA LLC
PO BOX 88026
TUKWILA, WA 98188

GOLDSMITH & ASSOCIATES
Engineering - Land Use Planning - Surveying

STORM WATER POND OUTFALL CROSS SECTION

SHEET 7B
EXISTING FLOOD PROTECTION BARRIER/DIKE

CONSTRUCT TEMPORARY LEVEE TO PREVENT HIGH GREEN RIVER FLOW FROM ENTERING EXCAVATION OF OFF-CHANNEL HABITAT AREA, AND TO SERVE AS CONSTRUCTION HAUL ROAD

EXISTING FRAGER ROAD

CONSTRUCT NEW LEVEE TO ELEV. 35

PROPOSED SOUTHCENTER PARKWAY

SEE SHEET 108 FOR CROSS SECTIONS DURING CONSTRUCTION

EXCAVATE, PER FINAL CONFIGURATION

EXISTING FRAGER ROAD

CONSTRUCTION HAUL ROAD

GREEN RIVER

TESC MEASURES TO INCLUDE COMPLETE CONTAINMENT OF ALL WATER WITHIN THIS AREA

S. 200TH ST.

SCALE: " = 200'

GOLDSMITH & ASSOCIATES

PROJECT: TUKWILA SOUTH PROJECT
LOCATION: CITY OF TUKWILA, KING COUNTY, WA
DATE: JANUARY 17, 2007
APPLICATION BY: LA PIANTA LLC
PO Box 86028
TUKWILA, WA 98188

SHEET 10A

GREEN RIVER OFF-CHANNEL HABITAT RESTORATION AREA INTERIM CONDITIONS
SECTION B - B

CONSTRUCT TEMPORARY LEVEE FOR USE AS HAUL ROAD AND TO PREVENT HIGH GREEN RIVER FLOW FROM ENTERING EXCAVATION OF OFF-CHANNEL HABITAT AREA

SECTION A - A

CONSTRUCT TEMPORARY LEVEE FOR USE AS HAUL ROAD AND TO PREVENT HIGH GREEN RIVER FLOW FROM ENTERING EXCAVATION OF OFF-CHANNEL HABITAT AREA

PROJECT: TUKWILA SOUTH PROJECT
LOCATION: CITY OF TUKWILA, KING COUNTY, WA
DATE: JANUARY 17, 2007
APPLICATION BY: LA PIANTA LLC
PO BOX 86028
TUKWILA, WA 98138

GREEN RIVER
OFF-CHANNEL HABITAT
RESTORATION AREA
INTERIM CONDITIONS
ENGINEERED LOG JAM CONSTRUCTED PER SPECIFICATIONS FROM ANCHOR ENVIRONMENTAL
GREEN RIVER OFF-CHANNEL HABITAT RESTORATION PLANT COMMUNITY PLAN

Project: Tukwila South Project
Applicant: La Planta LLC
PO Box 88028
Tukwila, WA 98188
Proposal: Emerging Technology Master Planned Community

Date: 11.30.04 Revised: 03.29.05 2nd Revised: 01.12.07
Location: City of Tukwila, King County, WA
Sheet 12A
## PROPOSED PLANT COMMUNITIES - Green River Off-Channel Habitat Restoration

### PALUSTRINE AQUATIC BED (PAB)

<table>
<thead>
<tr>
<th>EMERGENTS</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow pondlily</td>
<td><em>Nuphar polysepaeum</em></td>
</tr>
<tr>
<td>Wapato</td>
<td><em>Sagittaria latifolia</em></td>
</tr>
<tr>
<td>Water pepper</td>
<td><em>Polygonum hydropiperoides</em></td>
</tr>
</tbody>
</table>

### PALUSTRINE EMERGENT (PEM-F)

<table>
<thead>
<tr>
<th>EMERGENTS</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water plantain</td>
<td><em>Alisma plantago-aquatica</em></td>
</tr>
<tr>
<td>Hardstem bulrush</td>
<td><em>Scirpus acutus</em></td>
</tr>
<tr>
<td>Three-square bulrush</td>
<td><em>Scirpus americanus</em></td>
</tr>
<tr>
<td>Simple-stem burreed</td>
<td><em>Sparganium emersum</em></td>
</tr>
</tbody>
</table>

### PALUSTRINE EMERGENT (PEM-C)

<table>
<thead>
<tr>
<th>EMERGENTS</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slough sedge</td>
<td><em>Carex obrupe</em></td>
</tr>
<tr>
<td>Tall mannagrass</td>
<td><em>Glyceria elata</em></td>
</tr>
<tr>
<td>Wooly sedge</td>
<td><em>Scirpus atrocinus</em></td>
</tr>
</tbody>
</table>

### PALUSTRINE EMERGENT (PEM-E)

<table>
<thead>
<tr>
<th>EMERGENTS</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common spikerush</td>
<td><em>Eleocharis palustris</em></td>
</tr>
<tr>
<td>Daggerleaf rush</td>
<td><em>Juncus ensifolius</em></td>
</tr>
<tr>
<td>Small-fruited bulrush</td>
<td><em>Scirpus microcarpus</em></td>
</tr>
</tbody>
</table>

### PALUSTRINE SCRUB/SHRUB (PSS)

<table>
<thead>
<tr>
<th>TREES</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pacific willow</td>
<td><em>Salix lucida</em></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SHRUBS</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red-osier dogwood</td>
<td><em>Cornus sericea</em></td>
</tr>
<tr>
<td>Western hawthorn</td>
<td><em>Crataegus douglasii</em></td>
</tr>
<tr>
<td>Black twinberry</td>
<td><em>Lonicera involucrata</em></td>
</tr>
<tr>
<td>Western crabapple</td>
<td><em>Malus fusca</em></td>
</tr>
<tr>
<td>Nootka rose</td>
<td><em>Rosa nootkana</em></td>
</tr>
<tr>
<td>Clustered wild rose</td>
<td><em>Rosa pisocarpa</em></td>
</tr>
<tr>
<td>Salmonberry</td>
<td><em>Rubus spectabilis</em></td>
</tr>
<tr>
<td>Silk willow</td>
<td><em>Salixitchensis</em></td>
</tr>
<tr>
<td>Pacific ninebark</td>
<td><em>Physocarpus capitatus</em></td>
</tr>
</tbody>
</table>

### BUFFER, SCRUB/SHRUB (SS)

<table>
<thead>
<tr>
<th>TREES</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scouler's willow</td>
<td><em>Salix scoulerianna</em></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SHRUBS</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Western serviceberry</td>
<td><em>Amelanchier alnifolia</em></td>
</tr>
<tr>
<td>Hazelnut</td>
<td><em>Corylus comuta</em></td>
</tr>
<tr>
<td>Ocean-spray</td>
<td><em>Holodiscus discolor</em></td>
</tr>
<tr>
<td>Nootka rose</td>
<td><em>Rosa nootkana</em></td>
</tr>
<tr>
<td>Clustered wild rose</td>
<td><em>Rosa pisocarpa</em></td>
</tr>
<tr>
<td>Thimbleberry</td>
<td><em>Rubus parviflorus</em></td>
</tr>
<tr>
<td>Red elderberry</td>
<td><em>Sambucus racemosa</em></td>
</tr>
<tr>
<td>Common snowberry</td>
<td><em>Symphoricarpos albus</em></td>
</tr>
</tbody>
</table>

---

### GREEN RIVER OFF-CHANNEL HABITAT RESTORATION PLANT SCHEDULE

**Project:** Tukwila South Project  
**Applicant:** La Pianta LLC  
**Proposed:** Emerging Technology Master Planned Community  
**Location:** City of Tukwila, King County, WA  
**Date:** 11.30.04  
**Revised:** 03.29.05  
**2nd Revised:** 01.12.07  
**Sheet:** 12B