

May 27, 2016

Mr. Sam Crummett, Planning Supervisor
City of Battle Ground Community Development
109 SW 1st St., Suite 127
Battle Ground, WA 98604

Re: Holt Distressed Property Fund (Parallel 1) 2010 LP — Creekside Heights, Battle
Ground, Washington | Final Wetland Permit Applications | SUB: 01-15

Dear Mr. Crummett:

On behalf of the applicant, Holt Distressed Property Fund (Parallel 1) 2010 LP, please find the following documents for your critical areas review for Creekside Heights:

- Email from Steve Manlow regarding request for additional information on November 13, 2015
- Email from Rebecca Rothwell regarding edits and/or comments for the Wetland and Buffer Mitigation Plan for Creekside Heights, on May 19, 2016
- Joint Aquatic Resource Permit Application (JARPA), May 2016
- Project Sheet Set, May 2016
- Wetland and Buffer Mitigation Plan for Creekside Heights, Revised May 2016 (includes revised Critical Areas Report, January 2016)
- Archaeological Predetermination Report (March 2014) and associated documentation

An email received from Steve Manlow from the Corps of Engineers on November 13, 2015 stated that the Jurisdictional Determination action was still open on the Creekside Heights project, however had not been fully completed. Mr. Manlow concurred with the latest boundaries (see attached Revised Critical Areas Report), but requested a fully updated delineation, updated JARPA, associated drawings, complete mitigation plan, and any information pertaining to cultural resources. Mr. Manlow also indicated that stormwater treatment and detention should occur outside the wetland boundaries. Please refer to the Wetland and Buffer Mitigation Plan (Mitigation Plan) for Creekside Heights for specific project impacts and mitigation information.

The Mitigation Plan has been prepared and reviewed twice by Rebecca Rothwell of the Washington Department of Ecology. The attached email from Ms. Rothwell on May 19, 2016 demonstrates her final comments, and all edits and/or comments have been addressed, as can be observed in the Mitigation Plan.

If you have questions or concerns regarding the above document, please contact me at 360-578-1371 or francis@eco-land.com.

Respectfully,

A handwritten signature in black ink, appearing to read "Francis Naglich". The signature is fluid and cursive, with the first name "Francis" written in a larger, more prominent script than the last name "Naglich".

Francis Naglich
Sr. Wetland Biologist/Principal

cc: Rian Tuttle, Holt Distressed Property Fund (Parallel 1) 2010 LP
David Martin, US Army Corps of Engineers
Rebecca Rothwell, Washington Department of Ecology

LIST OF EXHIBITS FOR CREEKSIDE HEIGHTS

Attached Emails

- a. Email from Steve Manlow regarding request for additional information on November 13, 2015
- b. Email from Rebecca Rothwell regarding edits and/or comments for the Wetland and Buffer Mitigation Plan for Creekside Heights, on May 19, 2016

Exhibit A – Joint Aquatic Resource Permit Application (JARPA)

- a. Attachment C
- b. Driving Directions
- c. Staff Report and Recommendation to the Hearing Examiner for Creekside Heights Subdivision (SUB: 01-15), SEPA Review, and Critical Areas Review

Exhibit B – Project Sheet Set

- a. Sheet 1 Vicinity Map
- b. Sheet 2 2012 Wetland Boundaries
- c. Sheet 3 Buffer Modification Map
- d. Sheet 4 Mitigation Site Map
- e. Sheet 5 Oak Impact and Mitigation Site Map
- f. Sheet 6 Project Mitigation Area
- g. Sheet 7 Project Mitigation Area Cross Section

Exhibit C – Wetland and Buffer Mitigation Plan for Creekside Heights - Prepared by Ecological Land Services, Inc. on May 23, 2016

- a. **Sheets** (refer to Exhibit B for Project Sheet Set)
- b. **Appendix A** – Critical Areas Report for Creekside – Revised January 2016
 - i. Figures & Photoplates
 1. Figure 1 Vicinity Map
 2. Figure 2 Site Map
 3. Figure 2a 2012 Wetland Boundaries
 4. Figure 3 Soil Survey Map
 5. Figure 4 National Wetland Inventory Map
 6. Figure 5 Clark County Sensitive and Habitat Areas
 7. Figure 6 DNR Stream Type Map
 8. Figures 7A – 7E Cowardin and Hydroperiod Rating Figures
 9. Photoplates 1-2
 - ii. **Appendix A** – Routine Onsite Wetland Determination Data Forms
 - iii. **Appendix B** – Western Washington Wetland Rating Forms
- c. **Appendix B** – Request for Modification of the Remy Project Planting Plan (December 2011), Letter to Steve Manlow at the Army Corps of Engineers
- d. **Appendix C** – Archaeological Predetermination Report. Prepared by Archaeological Services LLC – March 2014

ATTACHED EMAILS

- a. Email from Steve Manlow regarding request for additional information on November 13, 2015
- b. Email from Rebecca Rothwell regarding edits and/or comments for the Wetland and Buffer Mitigation Plan for Creekside Heights, on May 19, 2016

Lacey Hoffmann

From: Manlow, Steven W NWS <Steven.W.Manlow@usace.army.mil>
Sent: Friday, November 13, 2015 2:01 PM
To: Francis Naglich; Lacey Hoffmann
Cc: Rothwell, Rebecca
Subject: NWS-2014-582, Creekside Heights (UNCLASSIFIED)

Follow Up Flag: Flag for follow up
Flag Status: Completed

Categories: Francis

Classification: UNCLASSIFIED

Caveats: NONE

Francis:

We still have a JD action open for this one, but have not yet completed it. We concurred with the latest boundaries, but will need a fully updated delineation with data and rating forms. If you wish to proceed with the full development application, we'll also need an updated JARPA with impact assessment, drawings (plan view, cross section, etc.), complete mitigation plan, and any info on cultural resources. Please make sure to address indirect and buffer impacts as the remaining wetlands would be surrounded based on the preliminary layout we saw. Also, we'll need to know what is proposed for stormwater treatment and detention - both of those project elements should occur outside the wetland boundaries. To avoid the need for an approved JD, I recommend deferring until we receive the complete application package, and then we can do a PJD. Thanks.

Steve Manlow
Project Manager/Biologist
Seattle District Corps of Engineers, Vancouver Field Office
2108 Grand Blvd
Vancouver, WA 98661
Phone: (206) 316-3047
Steven.W.Manlow@usace.army.mil

Classification: UNCLASSIFIED

Caveats: NONE

Lacey Hoffmann

From: Rothwell, Rebecca <rebs461@ECY.WA.GOV>
Sent: Thursday, May 19, 2016 12:39 PM
To: Lacey Hoffmann
Cc: Martin, David
Subject: RE: Creekside Heights Mitigation Plan
Attachments: Mit Plan Draft_Creekside_4-27-16_Ecology Comments.docx

Follow Up Flag: Follow up
Flag Status: Completed

Lacey,

Thank you for making the revisions to the mitigation plan. The only comment I have (a nitpicky one!) would be to state "monitoring plan in the *Wetland Mitigation Plan for Remy Farm Consolidated Mitigation Site, Revised (ELS 2014)*" on pages 22-23 where you've put "*Consolidated Mitigation Site Monitoring Plan.*"

Thanks for all your work on this and your patience while I reviewed all your submittals. I will let the Corps know that I'm done with my review.

Rebecca Rothwell

Wetlands/Shorelands Specialist
Shorelands and Environmental Assistance Program
WA Department of Ecology | Southwest Regional Office | 360-407-7273
300 Desmond Drive SE, Lacey, WA 98503 | PO Box 47775 Olympia, WA 98504-7775

This communication is a public record and may be subject to disclosure per RCW 42.56.

From: Lacey Hoffmann [mailto:Lacey@eco-land.com]
Sent: Monday, May 02, 2016 4:05 PM
To: Rothwell, Rebecca <rebs461@ECY.WA.GOV>
Subject: RE: Creekside Heights Mitigation Plan

Hi Rebecca,

I've attached the updated mitigation plan with the majority of my additions in track changes. Updated figures are also attached. Please let me know if you have additional comments/concerns.

Thanks!



Lacey Hoffmann | Biologist
1157 3rd Avenue, Suite 220A Longview, WA 98632
P: 360-578-1371 ext. 137 | F: 360-414-9305
www.eco-land.com | lacey@eco-land.com

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 Please consider the environment before printing this e-mail.

From: Rothwell, Rebecca [<mailto:rebs461@ECY.WA.GOV>]
Sent: Monday, April 18, 2016 12:29 PM
To: Lacey Hoffmann
Subject: RE: Creekside Heights Mitigation Plan

Lacey,

I think shrubs will be fine. Nootka rose would be a good choice, as it fills in well and provides a thorny barrier that helps to keep pets and people out of the wetland. You could do a mix of that and snowberry, red-flowering currant, and twinberry. If there are other shrubs you have in mind, as long as they're native and appropriate for the buffer, they should be fine.

Rebecca Rothwell

Wetlands/Shorelands Specialist
Shorelands and Environmental Assistance Program
WA Department of Ecology | Southwest Regional Office | 360-407-7273
300 Desmond Drive SE, Lacey, WA 98503 | PO Box 47775 Olympia, WA 98504-7775

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From: Lacey Hoffmann [<mailto:Lacey@eco-land.com>]
Sent: Thursday, March 31, 2016 4:35 PM
To: Rothwell, Rebecca <rebs461@ECY.WA.GOV>
Subject: RE: Creekside Heights Mitigation Plan

Hi Rebecca,

As far as plantings within the temporarily impacted buffers, I know you mentioned that this cannot be reseeded, and needs to match pre-construction conditions. I was wondering if you have any suggestions as far as species? Also, I'm concerned planting trees on these slopes at the back of lots and roads will pose future problems due to root growth. Do you think it would be acceptable to plant only shrubs in these areas?

Thanks,



Lacey Hoffmann | Biologist
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Please consider the environment before printing this e-mail.

From: Rothwell, Rebecca [<mailto:rebs461@ECY.WA.GOV>]
Sent: Monday, March 28, 2016 4:45 PM
To: Lacey Hoffmann
Subject: RE: Creekside Heights Mitigation Plan

Sure, just send them my way when the turn up. I'll be out Wed & Thurs this week at a training.

Rebecca Rothwell

Wetlands/Shorelands Specialist

Shorelands and Environmental Assistance Program

WA Department of Ecology | Southwest Regional Office | 360-407-7273

300 Desmond Drive SE, Lacey, WA 98503 | PO Box 47775 Olympia, WA 98504-7775

This communication is a public record and may be subject to disclosure per RCW 42.56.

From: Lacey Hoffmann [<mailto:Lacey@eco-land.com>]

Sent: Monday, March 28, 2016 2:49 PM

To: Rothwell, Rebecca <rebs461@ECY.WA.GOV>

Cc: Martin, David <david.j.martin@usace.army.mil>

Subject: RE: Creekside Heights Mitigation Plan

Hi Rebecca,

I'm having trouble finding the rating figures. Hopefully I'll be able to have those to you before the end of the day.



Lacey Hoffmann | Biologist

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Please consider the environment before printing this e-mail.

From: Rothwell, Rebecca [<mailto:rebs461@ECY.WA.GOV>]

Sent: Friday, March 25, 2016 3:46 PM

To: Lacey Hoffmann

Cc: Martin, David

Subject: RE: Creekside Heights Mitigation Plan

Lacey,

Thank you for sending the additional documents I requested.

In my review of the draft mitigation plan, I highlighted a few spots on pages 21 and 22, but then forgot to include my comments on those!

For "use current monitoring protocols," I want to make sure that the monitoring protocols are appropriate for the specific 1.2-acre area that will be dedicated to this project. This includes having a sufficient number of monitoring plots or transects to be able to determine percent cover of vegetation with a high confidence interval (80% is usually sufficient). The monitoring protocols for the overall site may not meet this standard.

For "observe evidence," the monitoring methods need to be more specific. The requirement for a sufficient number of plots/transects also applies to weed monitoring.

I'll start reviewing the ratings next. I don't see the figures though. Could you please send those?

Rebecca Rothwell

Wetlands/Shorelands Specialist

Shorelands and Environmental Assistance Program

WA Department of Ecology | Southwest Regional Office | 360-407-7273

300 Desmond Drive SE, Lacey, WA 98503 | PO Box 47775 Olympia, WA 98504-7775

This communication is a public record and may be subject to disclosure per RCW 42.56.

From: Lacey Hoffmann [<mailto:Lacey@eco-land.com>]

Sent: Thursday, March 24, 2016 9:23 AM

To: Rothwell, Rebecca <rebs461@ECY.WA.GOV>

Cc: Martin, David <david.j.martin@usace.army.mil>

Subject: RE: Creekside Heights Mitigation Plan

Hi Rebecca,

Thank you for the comments. As far as your questions and comments below, see my replies in red. I have attached the entire CAR as a PDF, as well as the word document for the report body only. The size is a little bit too large, so expect a few different emails from me ☺

Thanks,



Lacey Hoffmann | Biologist

1157 3rd Avenue, Suite 220A Longview, WA 98632

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Please consider the environment before printing this e-mail.

From: Rothwell, Rebecca [<mailto:rebs461@ECY.WA.GOV>]

Sent: Wednesday, March 23, 2016 11:59 AM

To: Lacey Hoffmann

Cc: Martin, David

Subject: RE: Creekside Heights Mitigation Plan

Hi Lacey,

I've finished reviewing the draft mitigation plan and have attached a copy with my comments and edits. In addition, I have the following comments and questions:

- I need an updated JARPA that reflects all changes since the 6-22-14 JARPA. I'm guessing the Corps will need this too.

JARPA is being updated right now, and is almost complete. I was planning on submitting the JARPA with the mitigation plan.

- On Sheet 4 (1-13-16), please remove the word “bank.”
Done!
- Has the delineation report been revised to account for the additional wetlands that are shown on Sheet 4 (vs. Figure 2 of 5-28-14)?
Yes, we have a revised delineation report, which is an attachment for the mitigation plan.
- Can you please send me a copy of the updated critical areas report (December 2015)?
The updated CAR is attached.

Thanks, and let me know if you have any questions.

Rebecca Rothwell

Wetlands/Shorelands Specialist
Shorelands and Environmental Assistance Program
WA Department of Ecology | Southwest Regional Office | 360-407-7273
300 Desmond Drive SE, Lacey, WA 98503 | PO Box 47775 Olympia, WA 98504-7775

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From: Lacey Hoffmann [<mailto:Lacey@eco-land.com>]
Sent: Tuesday, March 22, 2016 3:28 PM
To: Rothwell, Rebecca <rebs461@ECY.WA.GOV>
Subject: RE: Creekside Heights Mitigation Plan

Perfect. I appreciate it!



Lacey Hoffmann | Biologist
1157 3rd Avenue, Suite 220A Longview, WA 98632
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Please consider the environment before printing this e-mail.

From: Rothwell, Rebecca [<mailto:rebs461@ECY.WA.GOV>]
Sent: Tuesday, March 22, 2016 3:27 PM
To: Lacey Hoffmann
Subject: RE: Creekside Heights Mitigation Plan

Hi Lacey,

I've set aside some time tomorrow to start my review. I don't know whether I'll get all the way through it tomorrow, but I hope to get you some comments next week at the latest.

Rebecca Rothwell

Wetlands/Shorelands Specialist
Shorelands and Environmental Assistance Program
WA Department of Ecology | Southwest Regional Office | 360-407-7273
300 Desmond Drive SE, Lacey, WA 98503 | PO Box 47775 Olympia, WA 98504-7775

This communication is a public record and may be subject to disclosure per RCW 42.56.

From: Lacey Hoffmann [<mailto:Lacey@eco-land.com>]
Sent: Tuesday, March 22, 2016 3:25 PM
To: Rothwell, Rebecca <rebs461@ECY.WA.GOV>
Subject: RE: Creekside Heights Mitigation Plan

Hi Rebecca,

I know you're super busy, but do you have an idea of when I can be expecting some comments on Creekside?



Lacey Hoffmann | Biologist
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Please consider the environment before printing this e-mail.

From: Rothwell, Rebecca [<mailto:rebs461@ECY.WA.GOV>]
Sent: Friday, March 04, 2016 8:03 AM
To: Lacey Hoffmann
Subject: RE: Creekside Heights Mitigation Plan

Hi Lacey,

Thanks for sending this. I do expect to have comments on the plan, although I haven't looked at it yet. So let's hold off on hard copies for now. I will be out of the office all next week, so I hope to start looking at it the following week.

Rebecca Rothwell

Wetlands/Shorelands Specialist
Shorelands and Environmental Assistance Program
WA Department of Ecology | Southwest Regional Office | 360-407-7273
300 Desmond Drive SE, Lacey, WA 98503 | PO Box 47775 Olympia, WA 98504-7775

This communication is a public record and may be subject to disclosure per RCW 42.56.

From: Lacey Hoffmann [<mailto:Lacey@eco-land.com>]
Sent: Wednesday, March 02, 2016 11:44 AM
To: Rothwell, Rebecca <rebs461@ECY.WA.GOV>
Subject: Creekside Heights Mitigation Plan

Hi Rebecca,

Attached is a copy of the Mitigation Plan for Creekside Heights, as promised. I was wondering, were you going to comment on the plan? If so, I'll wait to send out hard copies to any agencies until I receive your comments.

Thanks,



Lacey Hoffmann | Biologist

1157 3rd Avenue, Suite 220A Longview, WA 98632

P: 360-578-1371 ext. 137 | F: 360-414-9305

www.eco-land.com | lacey@eco-land.com

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EXHIBIT A

Joint Aquatic Resource Permit Application (JARPA)

- a. Attachment C
- b. Driving Directions
- c. Staff Report and Recommendation to the Hearing Examiner for Creekside Heights Subdivision (SUB: 01-15), SEPA Review, and Critical Areas Review



WASHINGTON STATE

Joint Aquatic Resources Permit Application (JARPA) Form^{1,2}

USE BLACK OR BLUE INK TO ENTER ANSWERS IN THE WHITE SPACES BELOW.



US Army Corps
of Engineers®
Seattle District

AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

Part 1–Project Identification

1. Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development) [\[help\]](#)

Creekside Heights

Part 2–Applicant

The person and/or organization responsible for the project. [\[help\]](#)

2a. Name (Last, First, Middle)

Rian Tuttle

2b. Organization (If applicable)

Holt Distressed Property Fund (Parallel 1) 2010 LP

2c. Mailing Address (Street or PO Box)

PO Box 87970

2d. City, State, Zip

Vancouver, WA 98687

2e. Phone (1)

2f. Phone (2)

2g. Fax

2h. E-mail

(360) 892-0514

()

(360) 892-1815

rian@holtgroupinc.com

¹ Additional forms may be required for the following permits:

- If your project may qualify for Department of the Army authorization through a Regional General Permit (RGP), contact the U.S. Army Corps of Engineers for application information (206) 764-3495.
- If your project might affect species listed under the Endangered Species Act, you will need to fill out a Specific Project Information Form (SPIF) or prepare a Biological Evaluation. Forms can be found at <http://www.nws.usace.army.mil/Missions/CivilWorks/Regulatory/PermitGuidebook/EndangeredSpecies.aspx>.
- Not all cities and counties accept the JARPA for their local Shoreline permits. If you need a Shoreline permit, contact the appropriate city or county government to make sure they accept the JARPA.

² To access an online JARPA form with [\[help\]](#) screens, go to http://www.epermitting.wa.gov/site/alias_resourcecenter/jarpa_jarpa_form/9984/jarpa_form.aspx.

For other help, contact the Governor's Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@ora.wa.gov.

Part 3—Authorized Agent or Contact

Person authorized to represent the applicant about the project. (Note: Authorized agent(s) must sign 11b of this application.) [\[help\]](#)

| | | | |
|-----------------------------------------------|----------------------|----------------|----------------------|
| 3a. Name (Last, First, Middle) | | | |
| Francis Naglich | | | |
| 3b. Organization (If applicable) | | | |
| Ecological Land Services, Inc. | | | |
| 3c. Mailing Address (Street or PO Box) | | | |
| 1157 3 rd Avenue, Suite 220A | | | |
| 3d. City, State, Zip | | | |
| Longview, WA 98632 | | | |
| 3e. Phone (1) | 3f. Phone (2) | 3g. Fax | 3h. E-mail |
| (360) 578-1371 | () | (360) 414-9305 | francis@eco-land.com |

Part 4—Property Owner(s)

Contact information for people or organizations owning the property(ies) where the project will occur. Consider both **upland and aquatic** ownership because the upland owners may not own the adjacent aquatic land. [\[help\]](#)

- ☒ Same as applicant. (Skip to Part 5.)
- ☐ Repair or maintenance activities on existing rights-of-way or easements. (Skip to Part 5.)
- ☐ There are multiple upland property owners. Complete the section below and fill out [JARPA Attachment A](#) for each additional property owner.
- ☐ Your project is on Department of Natural Resources (DNR)-managed aquatic lands. If you don't know, contact the DNR at (360) 902-1100 to determine aquatic land ownership. If yes, complete [JARPA Attachment E](#) to apply for the Aquatic Use Authorization.

| | | | |
|-----------------------------------------------|----------------------|----------------|-------------------|
| 4a. Name (Last, First, Middle) | | | |
| | | | |
| 4b. Organization (If applicable) | | | |
| | | | |
| 4c. Mailing Address (Street or PO Box) | | | |
| | | | |
| 4d. City, State, Zip | | | |
| | | | |
| 4e. Phone (1) | 4f. Phone (2) | 4g. Fax | 4h. E-mail |
| () | () | () | |

Part 5–Project Location(s)

Identifying information about the property or properties where the project will occur. [\[help\]](#)

- ☐ There are multiple project locations (e.g. linear projects). Complete the section below and use [JARPA Attachment B](#) for each additional project location.

| | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------|--------------|
| 5a. Indicate the type of ownership of the property. (Check all that apply.) [help] | | | |
| <input checked="" type="checkbox"/> Private | | | |
| <input type="checkbox"/> Federal | | | |
| <input type="checkbox"/> Publicly owned (state, county, city, special districts like schools, ports, etc.) | | | |
| <input type="checkbox"/> Tribal | | | |
| <input type="checkbox"/> Department of Natural Resources (DNR) – managed aquatic lands (Complete JARPA Attachment E) | | | |
| 5b. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) [help] | | | |
| Northwest of the NE Grace Avenue and NE 10th Street intersection | | | |
| 5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help] | | | |
| Battle Ground, WA 98604 | | | |
| 5d. County [help] | | | |
| Clark County | | | |
| 5e. Provide the section, township, and range for the project location. [help] | | | |
| ¼ Section | Section | Township | Range |
| NE ¼ | 35 | 4 North | 2 East |
| 5f. Provide the latitude and longitude of the project location. [help] | | | |
| <ul style="list-style-type: none">Example: 47.03922 N lat. / -122.89142 W long. (Use decimal degrees - NAD 83) | | | |
| 45.790517 N lat. / -122.524456 W long. | | | |
| 5g. List the tax parcel number(s) for the project location. [help] | | | |
| <ul style="list-style-type: none">The local county assessor's office can provide this information. | | | |
| Parcel Numbers: 229026000, 229025000, 229027000, 229028000, 229029000, and 228967000 | | | |
| 5h. Contact information for all adjoining property owners. (If you need more space, use JARPA Attachment C.) [help] | | | |
| Name | Mailing Address | Tax Parcel # (if known) | |
| Bloomquist Properties, LLC | 815 NW Lofall Rd. | 229024000 | |
| | Poulsbo, WA 98370 | | |
| Ronnie L. Steigman | 23602 NE 142 nd Ave. | 229000253 | |
| | Battle Ground, WA 98604 | | |
| B&G Properties | 815 123 rd Ave. NE | 229000252 228957000 | |
| | Lake Stevens, WA 98285 | | |
| State Homes, LLC (c/b) | 201 S Central Ave. | 91051049 | |
| | Duluth, MN 55807 | | |

5i. List all wetlands on or adjacent to the project location. [\[help\]](#)

In November 2012, ELS biologists located and delineated five depressional Category III wetlands (Wetland A, B, E, F, and G), one depressional and slope, Category III wetland (Wetland H), and one depressional, Category II wetland (Wetland C) onsite. Wetlands were rated according to the *Washington State Wetlands Rating System for Western Washington-Revised 2004 (Rating System)*. ELS biologists revisited the study area and re-delineated the site in March 2015. Boundaries onsite for the 2012 Wetlands H (2015 renamed Wetland A), C (2015 remained Wetland C), and B (2015 renamed Wetland H) remained the same. A list of all wetlands delineated onsite in 2015 can be found in Table 2. For the purposes of rating wetlands in the revised critical areas report, ELS biologists grouped the wetlands according to similarity in hydrogeomorphic class, cowardin class, hydroperiods, and location.

The following table summarizes the wetlands in the subject area:

| Wetland | Category | Size (ac.) | Hydrogeomorphic Class | Cowardin Class | Hydroperiods | Source of Hydrology |
|---------|----------|------------|-----------------------|----------------|-------------------------------------------|-----------------------------------------|
| A | III | 0.50 | Depressional/slope | FO | Saturated/seasonal flooding or inundation | Groundwater |
| B | III | 0.26 | Depressional | FO/EM/SS | Saturated/seasonal flooding or inundation | Groundwater/precipitation |
| C | II | 2.66 | Depressional | FO/EM/SS | Saturated/seasonal flooding or inundation | Groundwater/precipitation |
| D | III | 0.003 | Depressional | FO/EM/SS | Saturated/occ. inundated | Groundwater |
| E | III | 0.16 | Depressional | FO/EM/SS | Saturated/occ. inundated | Groundwater |
| F | III | 0.01 | Depressional | FO/EM/SS | Saturated/occ. inundation | Groundwater |
| G | III | 0.04 | Depressional | FO/EM/SS | Saturated/occ. inundated | Groundwater |
| H | III | 0.14 | Depressional | FO/EM/SS | Saturated/seasonal flooding or inundation | Groundwater/Precipitation/road drainage |
| I | III | 0.01 | Depressional | FO/EM/SS | Saturated/seasonal flooding or inundation | Groundwater |
| J | III | 0.02 | Depressional | FO/EM/SS | Saturated/seasonal flooding or inundation | Groundwater |
| K | III | 0.02 | Depressional | EM/SS | Saturated/seasonal flooding or inundation | Groundwater |
| L | III | 0.001 | Depressional | EM/SS | Saturated/seasonal flooding or inundation | Groundwater |
| M | III | 0.001 | Depressional | EM/SS | Saturated/seasonal flooding or inundation | Groundwater |
| N | III | 0.01 | Depressional | FO/EM/SS | Saturated/seasonal flooding or inundation | Groundwater |
| O | III | 0.01 | Depressional | FO/EM/SS | Saturated/seasonal flooding or inundation | Groundwater |

| |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5j. List all waterbodies (other than wetlands) on or adjacent to the project location. [help] |
| None present. |
| 5k. Is any part of the project area within a 100-year floodplain? [help] |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know |
| 5l. Briefly describe the vegetation and habitat conditions on the property. [help] |
| <p>Dominant vegetation in the wetland plots onsite includes Oregon ash (<i>Fraxinus latifolia</i>), Oregon white oak (<i>Quercus garryana</i>), black cottonwood (<i>Populus balsamifera</i>), red osier dogwood (<i>Cornus sericea</i>), ocean spray (<i>Holodiscus discolor</i>), red alder (<i>Alnus rubra</i>), Nootka rose (<i>Rosa nutkana</i>), Pacific ninebark (<i>Physocarpus capitatus</i>), snowberry (<i>Symphoricarpos albus</i>), vine maple (<i>Acer circinatum</i>), reed canarygrass (<i>Phalaris arundinacea</i>), trailing blackberry (<i>Rubus ursinus</i>), creeping buttercup (<i>Ranunculus repens</i>), youth-on-age (<i>Tolmiea menziesii</i>), slough sedge (<i>Carex obnupta</i>), and salmonberry (<i>Rubus spectabilis</i>).</p> <p>The dominant vegetation in the upland plots onsite included Douglas fir (<i>Pseudotsuga menziesii</i>), black cottonwood, Oregon white oak, Pacific ninebark, beaked hazelnut (<i>Corylus cornuta</i>), red elderberry (<i>Sambucus racemosa</i>), red alder, cascara (<i>Rhamnus purshiana</i>), mock orange (<i>Philadelphus lewisii</i>), ocean spray, vine maple, Himalayan blackberry (<i>Rubus armeniacus</i>), trailing blackberry, youth-on-age, salmonberry, and sword fern (<i>Polystichum munitum</i>).</p> <p>The dominant species of vegetation in each test plot have been recorded on the attached wetland delineation data sheets. The current habitat offers a mature deciduous forested canopy and an open to dense understory.</p> |
| 5m. Describe how the property is currently used. [help] |
| The project site consists of vacant forested land and is approximately 32.41 acres. |
| 5n. Describe how the adjacent properties are currently used. [help] |
| The site is bordered to the west and south by City roads (NE Grace Avenue and NE 10th Street), by a residential subdivision to the east, and undeveloped forest to the north. |
| 5o. Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. [help] |
| No structures are currently present onsite. |
| 5p. Provide driving directions from the closest highway to the project location, and attach a map. [help] |
| <p>From I-5, take Exit 11 for 502 East toward Battle Ground</p> <p>Continue onto WA-502/Hwy 502 – 6.2 miles</p> <p>Continue onto W Main Street – 0.9 miles</p> <p>Turn left onto NE Grace Ave – 0.5 miles</p> <p>Continue onto NE 142nd Ave</p> <p>Project location is northeast of the intersection of NE 142nd Ave and NE 10th Street.</p> |

Part 6–Project Description

| |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6a. Briefly summarize the overall project. You can provide more detail in 6b. [help] |
| <p>The project will consist of a residential subdivision consistent within the Residential District (R7) zoning. A total of 92 residential lots ranging from 5,400 square feet to 7,400 square feet in size are proposed. Offsite mitigation is proposed for direct and indirect wetland impacts at the Remy Farm Consolidated Mitigation Site (Remy) located approximately 2 miles south of the development site (Sheets 6 and 7). Mitigation ratios for Category III wetlands are 2.25:1 for direct impacts, and 1.125:1 for indirect impacts. See Section 7h. for mitigation acreage and details.</p> <p>The wetland buffer impacts have been reduced through buffer reduction as allowed by the <i>BGMC</i>. <i>BGMC Table</i></p> |

18.270.070-4 (buffers for Category III wetlands adjacent to moderate land use intensities) states Category III wetlands require 'no change' to the 50-foot base buffer width. Wetland C, a Category II wetland with a habitat score less than 20, allows a decrease of the base buffer width by 25 feet. See Section 7h. for details.

Buffer impacts to 0.21 acres of Wetland C (8,995 square feet) will be mitigated onsite by increasing the buffers of Wetlands A, C, E, F, G, and H (Sheet 4). A total of 1.55 acres (67,486 square feet) of buffer will be added, which equates to an approximate 7.5 to 1 ratio. Approximately 36,872 square feet (0.85 acres) of buffers and/or buffer addition areas for Wetlands A, C, E, G, and H will be temporarily impacted due to grading related to lot and road construction. Wetlands A, C, E, G, and H buffers to be temporarily impacted will be planted with 420 shrubs, consisting of an equal mix of Nootka rose (*Rosa nutkana*), snowberry (*Symphoricarpos albus*), red-flowering currant (*Ribes sanguineum*), and twinberry (*Lonicera involucrata*) to complement existing conditions. Thirty-four, 2-inch diameter at breast height (DBH) oaks will be planted in the wetland buffers onsite to compensate for the removal of 17 oak trees, which equates to an approximate 2 to 1 ratio (Sheet 5).

Oak Specifications

| Common Name | Scientific Name | Size | Spacing on Center (ft.) | Quantity |
|------------------|-------------------------|------------|-------------------------|----------|
| Oregon white oak | <i>Quercus garryana</i> | 2-inch DBH | 20 | 34 |

Shrub Specifications

| Common Name | Scientific Name | Indicator Status | Size | Spacing on Center (ft.) | Quantity |
|-----------------------|-----------------------------|------------------|-----------|-------------------------|----------|
| Nootka rose | <i>Rosa nutkana</i> | FAC | Bare root | 6 | 105 |
| Snowberry | <i>Symphoricarpos albus</i> | FACU | Bare root | 6 | 105 |
| Red-flowering currant | <i>Ribes sanguineum</i> | FACU | Bare root | 6 | 105 |
| Twinberry | <i>Lonicera involucrata</i> | FAC | Bare root | 6 | 105 |
| Total | | | | | 420 |

6b. Describe the purpose of the project and why you want or need to perform it. [\[help\]](#)

The purpose of the project is to provide detached residential structures within the current Residential District (R7) zoning of the growing community of Battle Ground, Washington. The adjacent properties are primarily zoned residential.

6c. Indicate the project category. (Check all that apply) [\[help\]](#)

- ☐ Commercial
 ☒ Residential
 ☐ Institutional
 ☐ Transportation
 ☐ Recreational
☐ Maintenance
 ☐ Environmental Enhancement

6d. Indicate the major elements of your project. (Check all that apply) [\[help\]](#)

| | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Aquaculture <input type="checkbox"/> Bank Stabilization <input type="checkbox"/> Boat House <input type="checkbox"/> Boat Launch <input type="checkbox"/> Boat Lift <input type="checkbox"/> Bridge <input type="checkbox"/> Bulkhead <input type="checkbox"/> Buoy <input type="checkbox"/> Channel Modification | <input type="checkbox"/> Culvert <input type="checkbox"/> Dam / Weir <input type="checkbox"/> Dike / Levee / Jetty <input type="checkbox"/> Ditch <input type="checkbox"/> Dock / Pier <input type="checkbox"/> Dredging <input type="checkbox"/> Fence <input type="checkbox"/> Ferry Terminal <input type="checkbox"/> Fishway | <input type="checkbox"/> Float <input type="checkbox"/> Floating Home <input type="checkbox"/> Geotechnical Survey <input checked="" type="checkbox"/> Land Clearing <input type="checkbox"/> Marina / Moorage <input type="checkbox"/> Mining <input type="checkbox"/> Outfall Structure <input type="checkbox"/> Piling/Dolphin <input type="checkbox"/> Raft | <input type="checkbox"/> Retaining Wall (upland) <input checked="" type="checkbox"/> Road <input type="checkbox"/> Scientific Measurement Device <input type="checkbox"/> Stairs <input type="checkbox"/> Stormwater facility <input type="checkbox"/> Swimming Pool <input type="checkbox"/> Utility Line |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

☐ Other:

6e. Describe how you plan to construct each project element checked in 6d. Include specific construction methods and equipment to be used. [\[help\]](#)

- Identify where each element will occur in relation to the nearest waterbody.
- Indicate which activities are within the 100-year floodplain.

The land clearing for residential lot and road construction will be performed during the dry season with all required BMPs implemented when working near the remaining onsite wetlands A, C, E, F, G, and H. No activities are within the 100-year floodplain. For specific wetland impacts, please refer to section 7h. The construction equipment generally used for residential lot and road construction will be used; dozers, excavators, dump trucks, etc. with operations during the daily time frames outlined by the City of Battle Ground Municipal Code.

6f. What are the anticipated start and end dates for project construction? (Month/Year) [\[help\]](#)

- If the project will be constructed in phases or stages, use [JARPA Attachment D](#) to list the start and end dates of each phase or stage.

Start date: May 2016 End date: December 2016 ☐ See JARPA Attachment D

6g. Fair market value of the project, including materials, labor, machine rentals, etc. [\[help\]](#)

\$900,000 – \$1,000,000

6h. Will any portion of the project receive federal funding? [\[help\]](#)

- If **yes**, list each agency providing funds.

☐ Yes ☒ No ☐ Don't know

Part 7–Wetlands: Impacts and Mitigation

☒ Check here if there are wetlands or wetland buffers on or adjacent to the project area.
(If there are none, skip to Part 8.) [\[help\]](#)

7a. Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. [\[help\]](#)

☐ Not applicable

The preferred sequence of first avoidance, then minimization, and finally compensation for unavoidable impacts was followed for the proposed project. Initially, the site was proposed to be developed entirely into 4,500-square foot lots in accordance with the Residential District R7 zoning which allows seven units per acre with a minimum average lot size of 4,500 square feet. Once the wetland delineation was conducted and wetlands were delineated onsite, the overall lot design was revised. To minimize the wetland impacts and accommodate a viable residential development, the project proposes to fill the smaller wetlands onsite and avoid the larger, higher quality wetlands, ultimately developing 20.36 acres of the 32.41-acre site.

The 0.21 acres (8,995 square feet) of buffer on Wetland C that will be impacted by the proposed development will be mitigated onsite by increasing the buffers of Wetlands A, C, E, F, G, and H in those areas shown on Sheet 4. A total of 1.55 acres (67,486 square feet) of buffer will be added, which equates to an approximate 7.5 to 1 ratio. The wetland buffers will be increased between the existing buffer and the proposed development where possible. The area between Wetlands E, F, G, and H will be increased significantly providing a protected forested corridor between the wetlands, and the eastern buffer of Wetland C will be increased to the standard base buffer of 100 feet, minimizing the adverse impacts to onsite wetlands. Approximately 36,872 square feet (0.85 acres) of buffers and/or buffer addition areas for Wetlands A, C, E, G and H will be temporarily impacted due to grading related to lot and road construction. Wetlands A, C, E, G, and H buffers to be temporarily impacted will be planted with 420 shrubs, consisting of an equal mix of Nootka rose (*Rosa nutkana*), snowberry (*Symphoricarpos albus*), red-flowering currant (*Ribes sanguineum*), and twinberry (*Lonicera involucrata*) to complement existing conditions.

7b. Will the project impact wetlands? [\[help\]](#)

☒ Yes ☐ No ☐ Don't know

7c. Will the project impact wetland buffers? [\[help\]](#)

☒ Yes ☐ No ☐ Don't know

7d. Has a wetland delineation report been prepared? [\[help\]](#)

- **If Yes**, submit the report, including data sheets, with the JARPA package.

☒ Yes ☐ No

7e. Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System? [\[help\]](#)

- **If Yes**, submit the wetland rating forms and figures with the JARPA package.

☒ Yes ☐ No ☐ Don't know

7f. Have you prepared a mitigation plan to compensate for any adverse impacts to wetlands? [\[help\]](#)

- **If Yes**, submit the plan with the JARPA package and answer 7g.
- **If No, or Not applicable**, explain below why a mitigation plan should not be required.

☒ Yes ☐ No ☐ Not applicable

7g. Summarize what the mitigation plan is meant to accomplish, and describe how a watershed approach was used to design the plan. [\[help\]](#)

The project site is located within the Salmon-Washougal Watershed (WRIA 28), and more specifically located within the Salmon Creek Watershed which drains west for approximately 25 river miles until its confluence with Lake River. The watershed covers approximately 90 square miles. The subject site is at the north/central portion of the watershed. The Salmon Creek Watershed downstream of I-205 is heavily urbanized, and includes multiple road and railroad crossings. Upstream of I-205, the areas along the stream are generally rural with low-density residential and mixed agricultural and silvicultural uses. The project site and mitigation area are located near Weaver Creek and Mill Creek, respectively, both tributaries of Salmon Creek within the central portion of the Salmon Creek Watershed. The Salmon Creek Watershed has been identified to have impairments in water quality and the Environmental Protection Agency has approved, and developed implementation plans for Salmon Creek. The Lower Columbia Fish Recovery Board has identified restoration priorities for salmon recovery within Salmon Creek, including restoring riparian conditions and floodplains and channel migration processes.

A small, isolated wetland mitigation area on the project site would be less ecologically successful and would not be as sustainable as a large, offsite wetland in the same watershed. A larger wetland mitigation site has been selected to restore ecological processes that would benefit the entire watershed, as well as replace lost functions and values from development impacts. Therefore, mitigation for direct and indirect wetland impacts is proposed offsite at the Remy Farm Consolidated Mitigation Site located in Battle Ground, Washington, within the same watershed as the proposed development site. ELS deduced that a larger wetland mitigation area could be selected to restore ecological processes that would benefit the entire watershed, as well as replace lost functions within the project area.

7h. Use the table below to list the type and rating of each wetland impacted, the extent and duration of the impact, and the type and amount of mitigation proposed. Or if you are submitting a mitigation plan with a similar table, you can state (below) where we can find this information in the plan. [\[help\]](#)

| Activity (fill, drain, excavate, flood, etc.) | Wetland Name ¹ | Wetland type and rating category ² | Impact area (sq. ft. or Acres) | Duration of impact ³ | Proposed mitigation type ⁴ | Wetland mitigation area (sq. ft. or acres) |
|-----------------------------------------------|---------------------------|-----------------------------------------------|--------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------------|
| Direct and Indirect Wetland Impacts | | | | | | |
| Fill (direct) | Wetland B | III | 0.26 acres | Permanent | 2.25:1 ratio | 0.579 acres |
| Fill (direct) | Wetland D | III | 0.003 acres | Permanent | 2.25:1 ratio | 0.007 acres |
| Fill (direct) | Wetland E | III | 0.11 acres | Permanent | 2.25:1 ratio | 0.250 acres |
| Fill (indirect) | Wetland E | III | 0.036 acres | Permanent | 1.125:1 ratio | 0.041 acres |
| Fill (direct) | Wetland G | III | 0.01 acres | Permanent | 2.25:1 ratio | 0.012 acres |
| Fill (indirect) | Wetland G | III | 0.01 acres | Permanent | 1.125:1 ratio | 0.012 acres |
| Fill (direct) | Wetland H | III | 0.02 acres | Permanent | 2.25:1 ratio | 0.056 acres |
| Fill (indirect) | Wetland H | III | 0.076 acres | Permanent | 1.125:1 ratio | 0.086 acres |
| Fill (direct) | Wetland I | III | 0.01 acres | Permanent | 2.25:1 ratio | 0.023 acres |
| Fill (direct) | Wetland J | III | 0.02 acres | Permanent | 2.25:1 ratio | 0.053 acres |
| Fill (direct) | Wetland K | III | 0.02 acres | Permanent | 2.25:1 ratio | 0.036 acres |
| Fill (direct) | Wetland L | III | 0.001 acres | Permanent | 2.25:1 ratio | 0.003 acres |
| Fill (direct) | Wetland M | III | 0.001 acres | Permanent | 2.25:1 ratio | 0.002 acres |
| Fill (direct) | Wetland N | III | 0.01 acres | Permanent | 2.25:1 ratio | 0.012 acres |
| Fill (direct) | Wetland O | III | 0.01 acres | Permanent | 2.25:1 ratio | 0.023 acres |
| Totals = | | Direct | 0.47 acres | 2.25:1 ratio | | 1.06 acres |
| | | Indirect | 0.12 acres | 1.125 ratio | | 0.14 acres |
| Total Mitigation Acreage Purchased at Remy = | | | | | | 1.20 acres |
| Temporary Buffer Impacts due to Grading | | | | | | |
| Buffer Grading | Wetland A | III | 36,872 sf | Temporary | 1:1 ratio for installation of 420 native shrubs | 36,872 sf of planting (see 6a. for planting specifications) |
| Buffer Grading | Wetland C | III | | | | |
| Buffer Grading | Wetland E | III | | | | |
| Buffer Grading | Wetland G | III | | | | |
| Buffer Grading | Wetland H | III | | | | |
| Buffer Reductions | | | | | | |
| Wetland Name | Total Buffer Width (ft) | Proposed Land Use Intensity (LUI) | Habitat Function Score | BBW Adjustment (ft) | Reduced Buffer Width (ft) | |
| A | 80 | Moderate | 19 | -30 | 50 | |
| C | 100 | Moderate | 19 | -25 | 75 | |
| E | 80 | Moderate | 16 | -30 | 50 | |
| F | 80 | Moderate | 16 | -30 | 50 | |
| G | 80 | Moderate | 16 | -30 | 50 | |
| H | 80 | Moderate | 17 | -30 | 50 | |

¹ If no official name for the wetland exists, create a unique name (such as "Wetland 1"). The name should be consistent with other project documents, such as a wetland delineation report.

² Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.

³ Indicate the days, months or years the wetland will be measurably impacted by the activity. Enter "permanent" if applicable.

⁴ Creation (C), Re-establishment/Rehabilitation (R), Enhancement (E), Preservation (P), Mitigation Bank/In-lieu fee (B)

Page number(s) for similar information in the mitigation plan, if available: _____

7i. For all filling activities identified in 7h, describe the source and nature of the fill material, the amount in cubic yards that will be used, and how and where it will be placed into the wetland. [\[help\]](#)

Fill will be procured from an approved location and/or native on-site cut material may be used if it meets the required structural specifications set forth by the geotechnical engineer. The fill will be placed in the wetlands areas in lifts and compacted to meet Clark County and IBC building standards. Dump trucks, excavators, bulldozers, graders, and rollers will be used to remove, place, level, and compact the fill material. Unsuitable material will be excavated from the wetland areas prior to placement of the fill material. The estimated amount of fill material for the impacted wetlands B, D, E, G, I, J, K, L, M, N, & O is between 2,600 and 4,000 cubic yards depending on the amount of stripping and excavation of unsuitable material that is required.

7j. For all excavating activities identified in 7h, describe the excavation method, type and amount of material in cubic yards you will remove, and where the material will be disposed. [\[help\]](#)

Excavation of unsuitable material in the wetland areas will be completed via traditional construction techniques using a backhoe or bulldozer to a depth between 1 and 3 feet. The estimated amount of excavation is between 730 and 2,200 cubic yards. Unsuitable material will be disposed of at an approved disposal site to be determined at a later date.

Part 8—Waterbodies (other than wetlands): Impacts and Mitigation

In Part 8, "waterbodies" refers to non-wetland waterbodies. (See Part 7 for information related to wetlands.) [\[help\]](#)

☐ Check here if there are waterbodies on or adjacent to the project area. (If there are none, skip to Part 9.)

8a. Describe how the project is designed to avoid and minimize adverse impacts to the aquatic environment. [\[help\]](#)

☐ Not applicable

8b. Will your project impact a waterbody or the area around a waterbody? [\[help\]](#)

☐ Yes ☐ No

8c. Have you prepared a mitigation plan to compensate for the project's adverse impacts to non-wetland waterbodies? [\[help\]](#)

- If Yes, submit the plan with the JARPA package and answer 8d.
- If No, or Not applicable, explain below why a mitigation plan should not be required.

☐ Yes ☐ No ☐ Not applicable

8d. Summarize what the mitigation plan is meant to accomplish. Describe how a watershed approach was used to design the plan.

- If you already completed 7g you do not need to restate your answer here. [\[help\]](#)

| 8e. Summarize impact(s) to each waterbody in the table below. [help] | | | | | |
|--------------------------------------------------------------------------------------|-----------------------------|------------------------------|---------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------|
| Activity (clear, dredge, fill, pile drive, etc.) | Waterbody name ¹ | Impact location ² | Duration of impact ³ | Amount of material (cubic yards) to be placed in or removed from waterbody | Area (sq. ft. or linear ft.) of waterbody directly affected |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

¹ If no official name for the waterbody exists, create a unique name (such as "Stream 1") The name should be consistent with other documents provided.
² Indicate whether the impact will occur in or adjacent to the waterbody. If adjacent, provide the distance between the impact and the waterbody and indicate whether the impact will occur within the 100-year flood plain.
³ Indicate the days, months or years the waterbody will be measurably impacted by the work. Enter "permanent" if applicable.

8f. For all activities identified in 8e, describe the source and nature of the fill material, amount (in cubic yards) you will use, and how and where it will be placed into the waterbody. [\[help\]](#)

8g. For all excavating or dredging activities identified in 8e, describe the method for excavating or dredging, type and amount of material you will remove, and where the material will be disposed. [\[help\]](#)

Part 9—Additional Information

Any additional information you can provide helps the reviewer(s) understand your project. Complete as much of this section as you can. It is ok if you cannot answer a question.

| 9a. If you have already worked with any government agencies on this project, list them below. [help] | | | |
|----------------------------------------------------------------------------------------------------------------------|------------------|----------------|-----------------------------|
| Agency Name | Contact Name | Phone | Most Recent Date of Contact |
| City of Battle Ground | Sam Crummett | (360) 342-5042 | May 2016 |
| US Army Corps of Engineers | Steve Manlow | (206) 316-3047 | November 2015 |
| Washington Dept. of Ecology | Rebecca Rothwell | (360) 407-7273 | May 2016 |

9b. Are any of the wetlands or waterbodies identified in Part 7 or Part 8 of this JARPA on the Washington Department of Ecology's 303(d) List? [\[help\]](#)

- If Yes, list the parameter(s) below.
- If you don't know, use Washington Department of Ecology's Water Quality Assessment tools at: <http://www.ecy.wa.gov/programs/wq/303d/>.

☐ Yes ☒ No

| |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9c. What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? [help] <ul style="list-style-type: none"> Go to http://cfpub.epa.gov/surf/locate/index.cfm to help identify the HUC. |
| 17080003 |
| 9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [help] <ul style="list-style-type: none"> Go to http://www.ecy.wa.gov/services/gis/maps/wria/wria.htm to find the WRIA #. |
| 27 - Lewis |
| 9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [help] <ul style="list-style-type: none"> Go to http://www.ecy.wa.gov/programs/wq/swqs/criteria.html for the standards. |
| <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not applicable |
| 9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [help] <ul style="list-style-type: none"> If you don't know, contact the local planning department. For more information, go to: http://www.ecy.wa.gov/programs/sea/sma/laws_rules/173-26/211_designations.html. |
| <input type="checkbox"/> Rural <input type="checkbox"/> Urban <input type="checkbox"/> Natural <input type="checkbox"/> Aquatic <input type="checkbox"/> Conservancy <input checked="" type="checkbox"/> Other <u>N/A</u> |
| 9g. What is the Washington Department of Natural Resources Water Type? [help] <ul style="list-style-type: none"> Go to http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx for the Forest Practices Water Typing System. |
| <input type="checkbox"/> Shoreline <input type="checkbox"/> Fish <input type="checkbox"/> Non-Fish Perennial <input type="checkbox"/> Non-Fish Seasonal |
| 9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [help] <ul style="list-style-type: none"> If No, provide the name of the manual your project is designed to meet. |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Name of manual: Ecology's 2012 <i>Stormwater Management Manual for Western Washington</i> as amended in December 2014 |
| 9i. Does the project site have known contaminated sediment? [help] <ul style="list-style-type: none"> If Yes, please describe below. |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 9j. If you know what the property was used for in the past, describe below. [help] |
| The site has remained forested, with the exception of some logging activity (and temporary road construction) taking place onsite approximately in the 1980s. No structures are present or known to exist to date onsite. |
| 9k. Has a cultural resource (archaeological) survey been performed on the project area? [help] <ul style="list-style-type: none"> If Yes, attach it to your JARPA package. |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 9l. Name each species listed under the federal Endangered Species Act that occurs in the vicinity of the project area or might be affected by the proposed work. [help] |
| No endangered species are mapped or are known to exist within the vicinity of the project. |

9m. Name each species or habitat on the Washington Department of Fish and Wildlife's Priority Habitats and Species List that might be affected by the proposed work. [\[help\]](#)

Wolf and cave habitat is mapped within the general area of the site by the Washington Department of Fish and Wildlife's Priority Habitats and Species website, however neither of these have been observed by ELS onsite and are therefore not anticipated to be affected by the proposed work.

Part 10–SEPA Compliance and Permits

Use the resources and checklist below to identify the permits you are applying for.

- Online Project Questionnaire at <http://apps.ecy.wa.gov/opas/>.
- Governor's Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@ora.wa.gov.
- For a list of addresses to send your JARPA to, click on [agency addresses for completed JARPA](#).

10a. Compliance with the State Environmental Policy Act (SEPA). (Check all that apply.) [\[help\]](#)

- For more information about SEPA, go to www.ecy.wa.gov/programs/sea/sepa/e-review.html.

☒ A copy of the SEPA determination or letter of exemption is included with this application.

☐ A SEPA determination is pending with _____ (lead agency). The expected decision date is _____.

☐ I am applying for a Fish Habitat Enhancement Exemption. (Check the box below in 10b.) [\[help\]](#)

☐ This project is exempt (choose type of exemption below).

☐ Categorical Exemption. Under what section of the SEPA administrative code (WAC) is it exempt?

☐ Other: _____

☐ SEPA is pre-empted by federal law.

10b. Indicate the permits you are applying for. (Check all that apply.) [\[help\]](#)

LOCAL GOVERNMENT

Local Government Shoreline permits:

☐ Substantial Development ☐ Conditional Use ☐ Variance

☐ Shoreline Exemption Type (explain): _____

Other City/County permits:

☐ Floodplain Development Permit ☒ Critical Areas Ordinance

STATE GOVERNMENT

Washington Department of Fish and Wildlife:

☐ Hydraulic Project Approval (HPA) ☐ Fish Habitat Enhancement Exemption – [Attach Exemption Form](#)

Effective July 10, 2012, you must submit a check for \$150 to Washington Department of Fish and Wildlife, unless your project qualifies for an exemption or alternative payment method below. **Do not send cash.**

Check the appropriate boxes:

☐ \$150 check enclosed. Check # _____
Attach check made payable to Washington Department of Fish and Wildlife.

☐ Charge to billing account under agreement with WDFW. Agreement # _____

☐ My project is exempt from the application fee. (Check appropriate exemption)

☐ HPA processing is conducted by applicant-funded WDFW staff.

Agreement # _____

☐ Mineral prospecting and mining.

☐ Project occurs on farm and agricultural land.

(Attach a copy of current land use classification recorded with the county auditor, or other proof of current land use.)

☐ Project is a modification of an existing HPA originally applied for, prior to July 10, 2012.

HPA # _____

Washington Department of Natural Resources:

☐ Aquatic Use Authorization

Complete [JARPA Attachment E](#) and submit a check for \$25 payable to the Washington Department of Natural Resources.

Do not send cash.

Washington Department of Ecology:

☒ Section 401 Water Quality Certification

FEDERAL GOVERNMENT

United States Department of the Army permits (U.S. Army Corps of Engineers):

☒ Section 404 (discharges into waters of the U.S.)

☐ Section 10 (work in navigable waters)

United States Coast Guard permits:

☐ Private Aids to Navigation (for non-bridge projects)

Part 11—Authorizing Signatures

Signatures are required before submitting the JARPA package. The JARPA package includes the JARPA form, project plans, photos, etc. [\[help\]](#)

11a. Applicant Signature (required) [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities, and I agree to start work only after I have received all necessary permits.

I hereby authorize the agent named in Part 3 of this application to act on my behalf in matters related to this application. M (initial)

By initialing here, I state that I have the authority to grant access to the property. I also give my consent to the permitting agencies entering the property where the project is located to inspect the project site or any work related to the project. ht (initial)

Rian Tuttle

Applicant Printed Name

Applicant Signature

Date

5/25/16

11b. Authorized Agent Signature [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities and I agree to start work only after all necessary permits have been issued.

Francis Naglich

Authorized Agent Printed Name

Authorized Agent Signature

5/23/16

Date

11c. Property Owner Signature (if not applicant) [\[help\]](#)

Not required if project is on existing rights-of-way or easements.

I consent to the permitting agencies entering the property where the project is located to inspect the project site or any work. These inspections shall occur at reasonable times and, if practical, with prior notice to the landowner.

Property Owner Printed Name

Property Owner Signature

Date

18 U.S.C §1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years or both.

If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ENV-019-09 rev. 08/2013



WASHINGTON STATE
Joint Aquatic Resources Permit
Application (JARPA) [\[help\]](#)



Attachment C:
Contact information for adjoining
property owners. [\[help\]](#)

Use this attachment only if you have more than four adjoining property owners.

| AGENCY USE ONLY | |
|-----------------------------------------------------|--|
| Date received: _____ | |
| Agency reference #: _____ | |
| Tax Parcel #(s): _____ | |
| TO BE COMPLETED BY APPLICANT [help] | |
| Project Name: _____ | |
| Location Name (if applicable): _____ | |

Use black or blue ink to enter answers in white spaces below.

1. Contact information for all adjoining property owners. [\[help\]](#)

| Name | Mailing Address | Tax Parcel # (if known) |
|-----------------------------|----------------------------------------------------------|-------------------------|
| Michael & Aliza Rakos | 1124 NE 9 th Way Battle Ground, WA 98604 | 91052146 |
| Victor & Lydmila Sashchenko | 1202 NE 9 th Way Battle Ground, WA 98604 | 91052192 |
| Gary Molneux | 1204 NE 9 th Way Battle Ground, WA 98604 | 91052190 |
| Patrick & Eva Buckley | 1308 NE 10 th St. Battle Ground, WA 98604 | 229000258 |
| Jeffrey & Jennifer Brooks | 1114 NE 14 th Ave. Battle Ground, WA 98604 | 228974032 |
| Douglas & Melissa Carr | 1116 NE 14 th Ave. Battle Ground, WA 98604 | 228974030 |
| Earl & Randee Bryner | 1308 NE 12 th St. Battle Ground, WA 98604 | 228974028 |
| Sir & Aimee Faulkner | 1312 NE 12 th St. Battle Ground, WA 98604 | 228974026 |

If you require this document in another format, contact the Governor's Office of Regulatory Assistance (ORA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORA publication number: ENV-022-09 rev. 06-12



WASHINGTON STATE
Joint Aquatic Resources Permit
Application (JARPA) [\[help\]](#)



Attachment C:
Contact information for adjoining
property owners. [\[help\]](#)

Use this attachment only if you have more than four adjoining property owners.

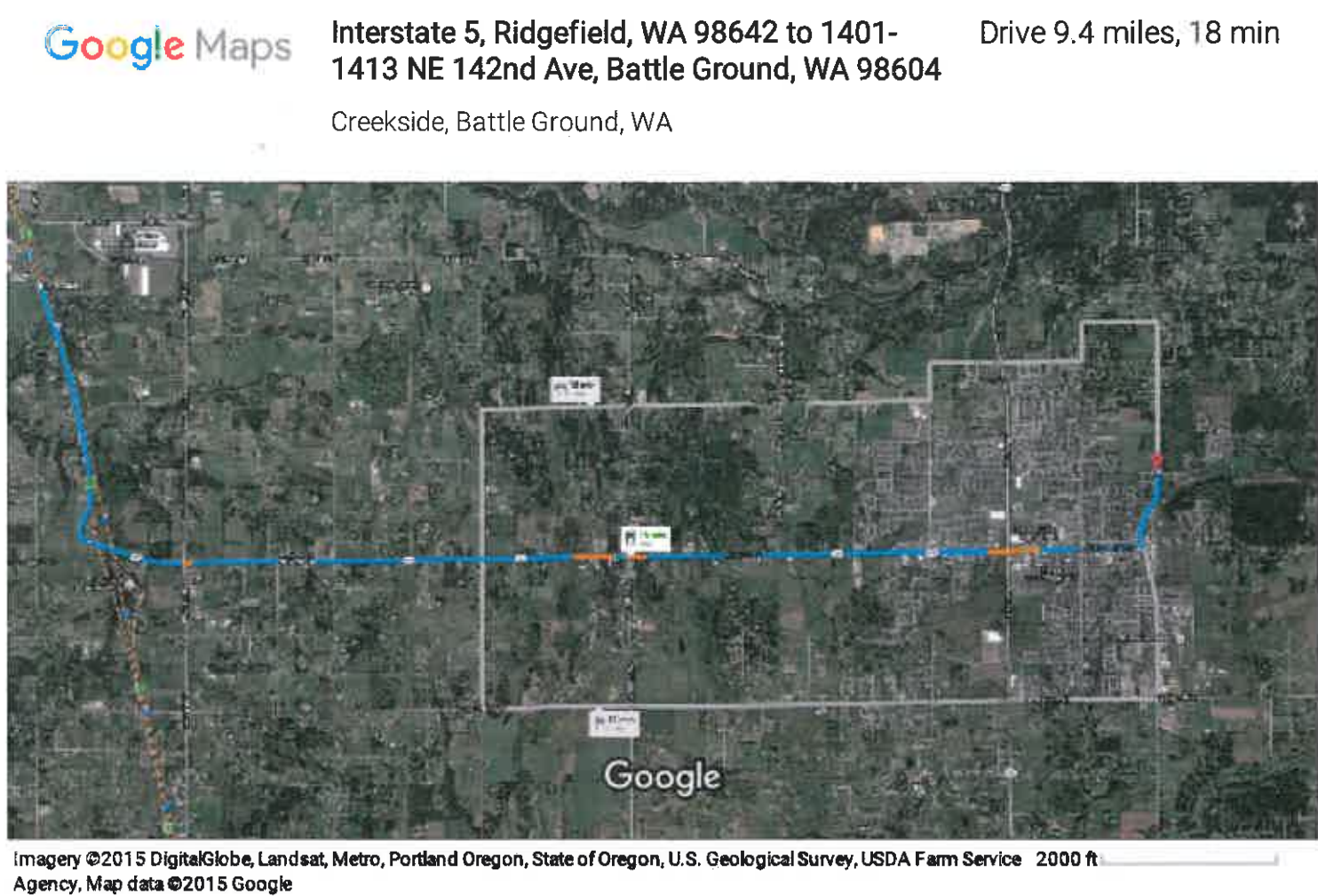
| AGENCY USE ONLY | |
|-----------------------------------------------------|--|
| Date received: _____ | |
| Agency reference #: _____ | |
| Tax Parcel #(s): _____ | |
| TO BE COMPLETED BY APPLICANT [help] | |
| Project Name: _____ | |
| Location Name (if applicable): _____ | |

Use black or blue ink to enter answers in white spaces below.

1. Contact information for all adjoining property owners. [\[help\]](#)

| Name | Mailing Address | Tax Parcel # (if known) |
|-------------------------------|--------------------------------------------------------------------|-------------------------|
| Denise Ferner | 1402 NE 12 th St. ----- Battle Ground, WA 98604 | 228974024 |
| Jason & Catherine Dunn | 1406 NE 12 th St. ----- Battle Ground, WA 98604 | 228974022 |
| Robert & Bethany Groskopf | 1410 12 th St. ----- Battle Ground, WA 98604 | 228974020 |
| Ronald & Holly Souza Trustees | 2632 Warwick Pl. ----- Hayward, CA 94542 | 228974018 |
| Gary Johnson | 1506 NE 10 th St. ----- Battle Ground, WA 98604 | 228964000 |
| Christopher & Shelly Jakovac | 1614 NE 16 th Court ----- Battle Ground, WA 98604 | 229039226 |
| | ----- | |
| | ----- | |

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Interstate 5
Ridgefield, WA 98642

- ↑

1. Head south on I-5 S

1.4 mi

↘

2. Take exit 11 for 502 E toward Battle Ground

0.4 mi

↑

3. Continue onto WA-502/Hwy 502

6.2 mi

↑

4. Continue onto W Main St

0.9 mi

↶

5. Turn left onto NE Grace Ave

0.5 mi

↑

6. Continue onto NE 142nd Ave

43 ft

1401-1413 NE 142nd Ave, Battle Ground, WA 98604

These directions are for planning purposes only. You may find that construction

<https://www.google.com/maps/dir/Interstate+5,+Ridgefield,+WA+98642/1401-1413+NE+142nd+Ave,+Battle+Ground,+WA+98604/@45.7858407,-122.5963705,7...> 1/2