



WASHINGTON STATE

Joint Aquatic Resources Permit Application (JARPA) Form^{1,2} [\[help\]](#)

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) [\[help\]](#)

Keys Road Flood Protection Project

Part 2—Applicant

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

2a. Name (Last, First, Middle)

Wilson, Rob

2b. Organization (If applicable)

Grays Harbor County Department of Public Works

2c. Mailing Address (Street or PO Box)

100 West Broadway, Suite 31

2d. City, State, Zip

Montesano, WA 98563

2e. Phone (1)

(360) 249-4222

2f. Phone (2)

2g. Fax

2h. E-mail

rwilson@co.grays-harbor.wa.us

¹Additional 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.
- 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.

²To 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@oria.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)			
3b. Organization (If applicable)			
3c. Mailing Address (Street or PO Box)			
3d. City, State, Zip			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail

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)			
Wilson, Rob			
4b. Organization (If applicable)			
Grays Harbor County			
4c. Mailing Address (Street or PO Box)			
100 West Broadway, Suite 31			
4d. City, State, Zip			
Montesano WA 98563			
4e. Phone (1)	4f. Phone (2)	4g. Fax	4h. E-mail
(360) 249-4222			rwilson@co.grays-harbor.wa.us

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 checked="" type="checkbox"/> Publicly owned (state, county, city, special districts like schools, ports, etc.) <input type="checkbox"/> Tribal <input checked="" 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]			
110 Keys Road			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Montesano, WA 98563			
5d. County [help]			
Grays Harbor County			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
NW 1/4	6	17N	6W
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) 			
Lat: 47° 03' 49" N Long: -123° 29' 29" W			
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. 			
170701410010, 170701440010, 170701440020, 170701440030, 170606240010, 170606240030, 170606310010, 170606310020, 170606340010, 170606430020, 170606330010			
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)	
Larry Phillips Washington Dept. Fish & Wildlife	48 Devonshire Road	170606240030	
	Montesano, WA 98563	170606310010	
		170606310020	
		170606330010	
Gary Nelson Port of Grays Harbor	PO Box 660	170606340010	
	Aberdeen, WA 98520	170606430020	
Beverly C Scott	223 Vine Lane	170606240010	
	Elma, WA 98541		
Barbara J Chapman	239 Brady Loop Road	170701440020	

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

The following wetlands are present within the project area

Wetland	Size (acres)	Cowardin Classes
PFO8	1.02	Emergent, Scrub-Shrub, and Forested
PFO6	6.8	Emergent, Scrub-Shrub, and Forested
PFO2	11.4	Emergent, Scrub-Shrub, and Forested

See Wetland Delineation and Critical Areas Report attached to this application for more information regarding additional wetlands adjacent to the project area.

5j. List all waterbodies (other than wetlands) on or adjacent to the project location. [\[help\]](#)

Lower Satsop River

5k. Is any part of the project area within a 100-year floodplain? [\[help\]](#)

Yes No Don't know

5l. Briefly describe the vegetation and habitat conditions on the property. [\[help\]](#)

Topography of the project area is relatively flat with higher cut banks along the western bank of the river outside of the project area and an area of higher elevation sidecast along the northern edge of the ponds. Vegetation is primarily young deciduous forest dominated by red alder (*Alnus rubra*) trees with a dense shrub understory of mixed native species primarily salmonberry (*Rubus spectabilis*) and Sitka willow (*Salix sitchensis*), and a mixture of invasive species, primarily giant knotweed (*Fallopia sachalinensis*), Himalayan blackberry (*Rubus armeniacus*), and reed canarygrass (*Phalaris arundinacea*).

5m. Describe how the property is currently used. [\[help\]](#)

The area where the project is proposed is occupied by the Lower Satsop River and its largely undeveloped floodplain. Access routes to the project would be through WDFW property that is the site of an ongoing floodplain restoration project. Other parcels are owned privately and are currently used for agricultural purposes. The Port of Grays Harbor owns property adjacent to the river where they have a potable water well that provides water to the Satsop Business Park.

5n. Describe how the adjacent properties are currently used. [\[help\]](#)

Adjacent properties are primarily used as agricultural land and are privately owned. The Washington Department of Fish and Wildlife owns property upstream and downstream of the project area with access points/boat ramps to the Lower Satsop and Chehalis Rivers.

5o. Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. [\[help\]](#)

Existing structures on the property include the Port of Grays Harbor potable water well that provides water to the Satsop Business Park and a Cascade Natural Gas pipeline that runs along Keys Road. These structures are in good condition and have many years of serviceable life left.

5p. Provide driving directions from the closest highway to the project location, and attach a map. [\[help\]](#)

Heading west on Highway 12 take a left on Keys Road. Drive approximately 0.8 mile. Destination is on the right side of the road. Improved rock surface with gate at entrance to WDFW parcels used for project access.

Part 6–Project Description

6a. Briefly summarize the overall project. You can provide more detail in 6b. [\[help\]](#)

The proposed project is a bank protection project focused on improving floodplain connectivity, stabilizing river flow paths, protecting Keys Road and the Port of Grays Harbor’s well, and reducing rates of erosion along the lower 1.5 miles of the Satsop River upstream of its confluence with the Chehalis River. The project will use ecologically sensitive solutions consistent with ongoing habitat restoration projects in the basin. Specifically, the project would construct two setback revetments comprised of 18 engineered log jams (ELJs) on the floodplain to protect Keys Road. The project also includes construction of a 1,200-foot-long bypass/side channel, 7 floodplain roughness ELJs, 17 ELJs in the river, and 320 feet of timber complex ELJ directly in front of the Port of Grays Harbor’s potable water well. The project objectives are to reduce high rates of erosion by improving floodplain connectivity and reducing stream power and main channel velocities.

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

Post-project conditions are anticipated to include reduced erosion and channel migration rates in the vicinity of the two meanders that currently threaten Keys Road and the Port of Grays Harbor well. Post-project instream conditions are anticipated to include higher quality habitat for aquatic species around the installed ELJ structures and along stream margins due to improved floodplain connectivity. Once the system is allowed to return to, and distribute its energy across its historic floodplain, less intensive approaches to improving habitat function and reducing bank erosion can be used.

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 checked="" 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 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 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
<input checked="" type="checkbox"/> Other: Aquatic habitat enhancement			

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.

All activities are within the 100 year floodplain. Equipment used to construct project features will include dump trucks, bulldozers, track mounted excavators, pickup trucks, and tractor trailer vehicles for materials delivery. In-stream wood structures, as well as the setback revetments, will be constructed using excavators to move earth in the footprint of the structure and drive piles using vibratory methods. The bypass/side channel will be excavated using a track mounted excavator. Excavated material (i.e. native river material) will be moved with dump trucks and used as backfill at the ELJ structures below the OHWM. The south setback revetment will be constructed along the outer edge of Wetland PFO6 and in uplands. The north setback revetment will be constructed in uplands. The other ELJs will be constructed below OHWM of the lower Satsop River. No fill will be placed in wetlands or waters which would convert them to uplands; no fill will be placed in such a way as to change the ecologic function from waters/wetlands to upland.

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: July 2020 End Date: September 2020 See JARPA Attachment D

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

\$2.4 million

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

A wetland delineation was conducted to map all wetlands in the vicinity of the proposed project features. Previously a separate wetland delineation was conducted on properties that will be used for access and staging. All access, staging, and construction disturbance areas have been intentionally planned to avoid wetlands. Impacts to Wetland PFO6 have been minimized during design, but cannot be completely avoided due to the need to avoid impacts to the Cascade Natural Gas pipeline that runs along Keys Road which occupies the area where the structure would need to go to completely avoid temporarily impacting wetland PF06.

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 Don't know

Impacts to wetland PF06 will be temporary while the setback revetment is constructed. Once construction is complete, the timber revetment structure will be buried and the portion of the wetland disturbed will be restored through the replacement of excavated soils and the re-planting of native wetland vegetation species identified in the wetland when it was delineated.

See Wetland Delineation and Critical Areas Report attached to this application for more information.

The portion of Wetland PF06 which would be impacted is dominated by red alder (*Alnus rubra*) and Pacific willow (*Salix lucida lasiandra*) trees along its edge, with shrub-stature Pacific willow, salmonberry (*Rubus spectabilis*) and red-osier dogwood (*Cornus sericea*) in the shrub layer. Invasive reed canarygrass (*Phalaris arundinacea*, FACW) is the dominant emergent species in the center of the depression, along with bittersweet nightshade (*Solanum dulcamara*) and western touch-me-not (*Impatiens nolitangere*). The proposed plant schedule for re-vegetation after excavation has been specifically designed to restore the native species present in the temporarily impacted portion of the wetland and to improve existing conditions in the emergent layer by reducing the occurrence of reed canarygrass and replanting native slough sedge which is present in other portions of Wetland PFO6.

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

Compensatory mitigation is not proposed. All temporary impacts will be restored.

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)
---	---------------------------	---	--------------------------------	---------------------------------	---------------------------------------	--

Excavate for timber revetment	PF06	Category II	0.334 acre	August 1 - 31, 2020	Restoration	0.334 ac

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. [\[help\]](#)

No wetland fill is proposed.

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. [\[help\]](#)

A portion of the wetland will be excavated so that a setback revetment can be constructed along its edge. The material will be excavated using a track mounted excavator with a 2 CY bucket to remove approximately 4,243 cubic yards of material. The material excavated from the wetland will be placed back on top of/integrated into the revetment after construction is complete. The approximate volume of material that can be placed back in the wetland is 3,943 CY accounting for the approximately 300 CY volume of the revetment that will be placed in the wetland. Assuming 30% swell of excavated material there will be approximately 1,572 CY of material that will need to be placed elsewhere on site. Excess excavated material will be placed on site in an upland area and will not be placed in any wetlands or waterbodies.

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

The project has been specifically designed to minimize impacts during construction to the aquatic environment through the design, materials, and construction methods. ELJs and related bank stabilization measures must be constructed in the river, thus impacts cannot be completely avoided.

The project will be constructed during the in-water work window identified as August 1-31 by WDFW. For structures to be constructed in the water, hydraulic isolation will be achieved with bulk bag sacks to make a cofferdam. In instances where cofferdams are not used and the structure is able to be constructed from the bank, the work area will be de-fished using seine nets.

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

Yes No

The ELJs will be constructed in the river channel and along its banks. Construction BMPs will be employed to minimize construction impacts to water quality and aquatic habitats. A bypass/side channel will be excavated in the existing stream bed to re-route flow across an existing gravel bar so that the largest group of structures with the most piles can be constructed in the dry. This bypass/side channel will then gradually be reworked by the river's flow and continue to provide aquatic habitat functions.

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 Don't know

Impacts to the Lower Satsop River as a result of project construction while permanent will ultimately result in increases in habitat quality and quantity for aquatic species present in the reach. Previous land use activities have reduced the ecologic function of the reach of river where this project is proposed. Taken together with the WDFW Lower Satsop Floodplain Restoration project, this project will help to restore habitat critical to aquatic species while also protecting agricultural lands and protecting the floodplain infrastructure of Keys Road and the Port of Grays Harbor potable drinking water well.

The project will ultimately benefit the Lower Satsop River by improving habitat quality and increasing habitat quantity for aquatic species through the placement of engineered log jams. These log jams will improve rearing and spawning habitat for anadromous salmonids as well as other aquatic and riparian organisms by increasing complex edge habitat, scouring holding pools, increasing food production, providing cover from predation, and improving floodplain connectivity to wetlands.

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. [\[help\]](#)

Compensatory mitigation is not proposed. All temporary impacts will be restored.

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
Type 1 Deflector and Timber Complex ELJ excavation	Lower Satsop River	From river mile (RM) 0.9 to RM 0.3	August 1 - 31, 2020	Total of 3,030 CY of material to be excavated from the bank. Once logs are placed excavated material will be returned to bank to bury pieces of wood.	Included in ELJ placement below
Engineered Log Jam (ELJ) placement and pile driving	Lower Satsop River	From river mile (RM) 0.9 to RM 0.3	August 1 - 31, 2020	Total of 1,125 pieces of wood to be installed in ELJ's, including 277 16-inch diameter non-treated wood piles, plus 5,550 smaller racking trees and 3,740 CY of wood slash.	43,821 Square feet
Bypass /side channel excavation	Lower Satsop River	From river mile (RM) 0.4 to RM 0.3	August 1 - 31, 2020	8,772 cubic yards excavated from channel and spread across gravel bar below OHWM, finish elevation of placed material below OHWM	43,560 square feet
Temporary access and staging areas	Lower Satsop River	From river mile (RM) 0.4 to RM 0.3	August 1 - 31, 2020	N/A	139,130 square feet

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. [\[help\]](#)

Piles will be non-treated turned wood piles – commercially available from mills. 277 16” diameter piles. Wood used in ELJ’s will consist of 1,125 trees, some with attached rootwads, with 16-24-inch diameters sourced from timber harvests occurring in Grays Harbor County.

Racking material will consist of 5,550 trees, 6-12 inches in diameter with attached branches and roots sourced from timber harvests occurring in Grays Harbor County.

Slash shall consist of 3,740 cubic yards of wood material with 1-3 inch diameters and may include bark, limbs, and wood chips. Slash material will be free of foreign matter and will be sourced from Grays Harbor County.

Native alluvium and soils from the banks will be returned to gravel bars and banks below OHWM once wood is placed and bypass/side channel excavation is completed. Gravel placement will not result in a loss or conversion of wetlands or waters to uplands.

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. [\[help\]](#)

The bypass/side channel will be excavated using a track mounted excavator with a 2 CY bucket. 8,772 cubic yards will be excavated so that the largest group of structures with the most piles can be constructed in the dry. Excavated material will be used to fill bulk bags to build cofferdams out into the existing channel and allow for the construction of the Type 1 Deflector and Apex ELJs upstream of the bypass/side channel. The amount of material excavated below the OHWM is estimated to be approximately 8,772 CY.

Following construction, the native streambed material will be used as backfill at the Type 1 Deflector and Apex ELJ structures with the remainder spread across an adjacent gravel bar below OHWM. The final elevation/finish grade of the placed native alluvium will be below OHWM and will not convert any waters or wetlands to uplands. This bypass/side channel will then gradually be reworked by the river's flow and continue to provide improved aquatic habitat functions.

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
WDFW	Michelle Cramer	(360) 902-2610	3/4/20
WDNR	Allen Lebovitz	(360) 480-2891	3/18/20
Ecology	Zachary Meyer	(360) 407-6167	12/20/19
USACE	Bethany Nickison	(206) 316-3165	1/21/20

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: <https://ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Assessment-of-state-waters-303d>.

Yes No

Ecology has classified the mainstem of the Chehalis River as a 303(d) listed water for high temperatures. The wetlands of the study area thus lie along a tributary that drains to a 303(d) listed water within a mile. In addition, a TMDL Water Quality Implementation Plan is in place within the Chehalis River watershed for bacteria.

9c. What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? [\[help\]](#)

- Go to <http://cfpub.epa.gov/surf/locate/index.cfm> to help identify the HUC.

HUC 12

9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [\[help\]](#)

- Go to <https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up> to find the WRIA #.

WRIA 22

9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [\[help\]](#)

- Go to <https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria> for the standards.

Yes No Not applicable

9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [\[help\]](#)

- If you don't know, contact the local planning department.
- For more information, go to: <https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Shoreline-coastal-planning/Shoreline-laws-rules-and-cases>.

Urban Natural Aquatic Conservancy Other: _____

9g. What is the Washington Department of Natural Resources Water Type? [\[help\]](#)

- Go to <http://www.dnr.wa.gov/forest-practices-water-typing> for the Forest Practices Water Typing System.

Shoreline Fish Non-Fish Perennial Non-Fish Seasonal

9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [\[help\]](#)

- **If No**, provide the name of the manual your project is designed to meet.

Yes No

Name of manual: 2019 Stormwater Manual for Western Washington

9i. Does the project site have known contaminated sediment? [\[help\]](#)

- **If Yes**, please describe below.

Yes No

9j. If you know what the property was used for in the past, describe below. [\[help\]](#)

The property has historically been used as a gravel mine to provide aggregate for the construction of HWY 12 and other local road and highway projects.

9k. Has a cultural resource (archaeological) survey been performed on the project area? [\[help\]](#)

- **If Yes**, attach it to your JARPA package.

Yes 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. [\[help\]](#)

See attached Endangered Species Act Abbreviated BE for details.

Bull trout, Marbled Murrelet, Streaked horned lark, Yellow-billed cuckoo, and Fisher.

Bull trout have not been observed or documented in the Satsop River in some time, however the Satsop River is designated as critical habitat for bull trout. The nearest designated critical habitat for marbled murrelet is approximately ten miles to the east along the Chehalis River and 22 miles to the north along the Satsop River, in Olympic National Park. Streaked horned-larks use a wide range of habitats, including open prairie and agricultural fields, which are present in the project action area. Thus, it is possible that streaked horned-larks could occur in the project action area. The last confirmed record of cuckoos nesting in Washington occurred in Seattle in 1923, a yellow-billed cuckoo was sighted in Grays Harbor County in 1996. It is unlikely, cuckoos could occur in the project action area. Fisher are opportunistic predators that hunt exclusively in forested habitats, the project action area does not provide suitable habitat.

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. [\[help\]](#)

See attached Wetland Delineation and Critical Areas report for details.

WDFW PHS data indicates that the general vicinity of the project supports a variety of priority habitats including freshwater emergent, scrub-shrub, and forested wetlands. Resident coastal cutthroat, dolly varden/bull trout, winter steelhead, summer and fall Chinook, coho, and fall chum are all mapped as utilizing the lower Satsop River adjacent to the study area. Trumpeter swan, big-brown bat, Yuma myotis, and concentrations of waterfowl are all mapped in a broad swath encompassing the floodplain of the lower Satsop River and the mainstem of the Chehalis River, but no particular species point occurrences are mapped within the project area.

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.oria.wa.gov/opas/>.
- Governor's Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@oria.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 <https://ecology.wa.gov/regulations-permits/SEPA-environmental-review>.

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

A SEPA determination is pending with Grays Harbor County (lead agency). The expected decision date is May – June 2020.

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](#)

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 AND TRIBAL GOVERNMENT

United States Department of the Army (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:

- General Bridge Act Permit Private Aids to Navigation (for non-bridge projects)

United States Environmental Protection Agency:

- Section 401 Water Quality Certification (discharges into waters of the U.S.) on tribal lands where tribes do not have treatment as a state (TAS)

Tribal Permits: (Check with the tribe to see if there are other tribal permits, e.g., Tribal Environmental Protection Act, Shoreline Permits, Hydraulic Project Permits, or other in addition to CWA Section 401 WQC)

- Section 401 Water Quality Certification (discharges into waters of the U.S.) where the tribe has treatment as a state (TAS).

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. RW (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. RW (initial)

Rob Wilson, County Engineer
Applicant Printed Name


Applicant Signature

3/25/20
Date

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.

Authorized Agent Printed Name

Authorized Agent Signature

Date

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

Not required if project is on existing rights-of-way or easements (provide copy of easement with JARPA).

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: ORIA-16-011 rev. 09/2018



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



US Army Corps
of Engineers
Seattle District

AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

TO BE COMPLETED BY APPLICANT [help]

Project Name: _____

Location Name (if applicable): _____

Attachment A:
For additional property owner(s) [help]

Use this attachment only if you have more than one property owner.
 Complete one attachment for each additional property owner
 impacted by the project.

Signatures of property owners are not needed for repair or maintenance activities on existing rights-of-way or easements.

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

1. Name (Last, First, Middle) and Organization (if applicable)			
Norberto and Rosalina Contreras			
2. Mailing Address (Street or PO Box)			
45 N Blockhouse Road			
3. City, State, Zip			
Elma, WA 98541			
4. Phone (1)	5. Phone (2)	6. Fax	7. E-mail
1360 500 7943			
Address or tax parcel number of property you own:			
170701440010			
Signature of Property Owner			
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.			
Printed Name		Signature	

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: ORIA-16-012 rev. 10/2016



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



US Army Corps
of Engineers
Seattle District

AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

TO BE COMPLETED BY APPLICANT [\[help\]](#)

Project Name: _____

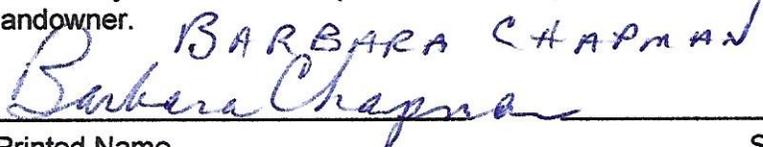
Location Name (if applicable): _____

Attachment A:
For additional property owner(s) [\[help\]](#)

Use this attachment only if you have more than one property owner.
Complete one attachment for each additional property owner
impacted by the project.

Signatures of property owners are not needed for repair or maintenance activities on existing rights-of-way or easements.

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

1. Name (Last, First, Middle) and Organization (if applicable)			
Barbara J Chapman			
2. Mailing Address (Street or PO Box)			
239 Brady Loop Road			
3. City, State, Zip			
Montesano, WA 98563			
4. Phone (1)	5. Phone (2)	6. Fax	7. E-mail
Address or tax parcel number of property you own:			
170701440020, 170701440030			
Signature of Property Owner			
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.			
			
Printed Name		Signature	
Barbara Chapman		3-10-20	

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: ORIA-16-012 rev. 10/2016



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



AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

TO BE COMPLETED BY APPLICANT [\[help\]](#)

Project Name: _____

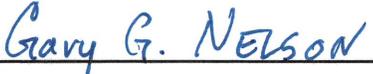
Location Name (if applicable): _____

Attachment A:
For additional property owner(s) [\[help\]](#)

Use this attachment only if you have more than one property owner. Complete one attachment for each additional property owner impacted by the project.

Signatures of property owners are not needed for repair or maintenance activities on existing rights-of-way or easements.

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

1. Name (Last, First, Middle) and Organization (if applicable)			
Gary Nelson, Port of Grays Harbor			
2. Mailing Address (Street or PO Box)			
PO Box 660			
3. City, State, Zip			
Aberdeen, WA 98520			
4. Phone (1)	5. Phone (2)	6. Fax	7. E-mail
			gnelson@portgraysharbor.org
Address or tax parcel number of property you own:			
170606340010, 170606430020			
Signature of Property Owner			
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.			
 _____ Printed Name		 _____ Signature	

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: ORIA-16-012 rev. 10/2016



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



US Army Corps
of Engineers
Seattle District

AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

TO BE COMPLETED BY APPLICANT [\[help\]](#)

Project Name: _____

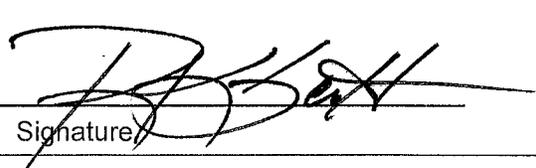
Location Name (if applicable): _____

Attachment A:
For additional property owner(s) [\[help\]](#)

Use this attachment only if you have more than one property owner. Complete one attachment for each additional property owner impacted by the project.

Signatures of property owners are not needed for repair or maintenance activities on existing rights-of-way or easements.

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

1. Name (Last, First, Middle) and Organization (if applicable)			
Richard Scott			
2. Mailing Address (Street or PO Box)			
1602 W Anderson			
3. City, State, Zip			
Elma, WA 98541			
4. Phone (1)	5. Phone (2)	6. Fax	7. E-mail
			rkndi@comcast.net
Address or tax parcel number of property you own:			
170606240010			
Signature of Property Owner			
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.			
 _____ Printed Name		 _____ Signature	

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: ORIA-16-012 rev. 10/2016



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



AGENCY USE ONLY	
Date received:	_____
Agency reference #:	_____
Tax Parcel #(s):	_____

TO BE COMPLETED BY APPLICANT [help]	
Project Name:	Keys Road Flood Protection Project
Location Name (if applicable):	Lower Satsop River,
	Grays Harbor County, WA

Attachment A:
For additional property owner(s) [\[help\]](#)

Use this attachment only if you have more than one property owner. Complete one attachment for each additional property owner impacted by the project.

Signatures of property owners are not needed for repair or maintenance activities on existing rights-of-way or easements.

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

1. Name (Last, First, Middle) and Organization (if applicable)			
State of Washington, Department of Fish and Wildlife			
2. Mailing Address (Street or PO Box)			
48 Devonshire Road			
3. City, State, Zip			
Montesano, WA 98563			
4. Phone (1)	5. Phone (2)	6. Fax	7. E-mail
360-249-1207			alice.beals@dfw.wa.gov
Address or tax parcel number of property you own:			
170606410040, 170607120030, 170607210060, 180736440010, 170606240030, 170606240040, 170606310010, 170606420030, 170606310020, 180631330010, 170606330010			
Signature of Property Owner			
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.			
Larry Phillips, Regional Director			
Printed Name		Signature <i>for Larry Phillips</i>	

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: ORIA-16-012 rev. 10/2016



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



AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

TO BE COMPLETED BY APPLICANT [\[help\]](#)

Project Name: _____

Location Name (if applicable): _____

Attachment A:
For additional property owner(s) [\[help\]](#)

Use this attachment only if you have more than one property owner. Complete one attachment for each additional property owner impacted by the project.

Signatures of property owners are not needed for repair or maintenance activities on existing rights-of-way or easements.

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

1. Name (Last, First, Middle) and Organization (if applicable)			
Greg and Terry Willis, Olympic View Dairy LLC			
2. Mailing Address (Street or PO Box)			
83 Willis Road			
3. City, State, Zip			
Montesano, WA 98563			
4. Phone (1)	5. Phone (2)	6. Fax	7. E-mail
360-581-4608			olyviewdairy@centurytel.net
Address or tax parcel number of property you own:			
170701410010			
Signature of Property Owner			
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.			
Olympic View Dairy, LLC		Olympic View Dairy, LLC	
TERRY WILLIS, MEMBER		By Terry Willis, Member	
Printed Name		Signature	

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: ORIA-16-012 rev. 10/2016



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



US Army Corps
of Engineers®
Seattle District

AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

TO BE COMPLETED BY APPLICANT [\[help\]](#)

Project Name: _____

Location Name (if applicable): _____

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

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

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)
Norberto and Rosalina Contreras	45 N Blockhouse Road	170701440010
	Elma, WA 98541	
Greg and Terry Willis Olympic View Dairy LLC	83 Willis Road	170701410010
	Montesano WA 98563	

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: ORIA-16-014 rev. 10/2016



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



US Army Corps
of Engineers
Seattle District

AGENCY USE ONLY

Date received: _____; Town
 Application Fee Received; Fee N/A
 New Application; Renewal Application
Type/Prefix #: _____; NaturE Use Code: _____
LM Initials & BP#: _____
RE Assets Finance BP#: _____
New Application Number: _____
Trust(s): _____; County: _____
AQR Plate #(s): _____
Gov Lot #(s): _____
Tax Parcel #(s): _____

Attachment E:
Aquatic Use Authorization on
Department of Natural Resources
(DNR)-managed aquatic lands [\[help\]](#)

Complete this attachment and submit it with the completed JARPA form only if you are applying for an Aquatic Use Authorization with DNR. Call (360) 902-1100 or visit <http://www.dnr.wa.gov/programs-and-services/aquatics/leasing-and-land-transactions> for more information.

- DNR recommends you discuss your proposal with a DNR land manager before applying for regulatory permits. Contact your regional land manager for more information on potential permit and survey requirements. You can find your regional land manager by calling (360) 902-1100 or going to <http://www.dnr.wa.gov/programs-and-services/aquatics/aquatic-districts-and-land-managers-map>. [\[help\]](#)
- The applicant may not begin work on DNR-managed aquatic lands until DNR grants an Aquatic Use Authorization.
- Include a \$25 non-refundable application processing fee, payable to the “Washington Department of Natural Resources.” (Contact your Land Manager to determine if and when you are required to pay this fee.) [\[help\]](#)

DNR may reject the application at any time prior to issuing the applicant an Aquatic Use Authorization. [\[help\]](#)

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

1. Applicant Name (Last, First, Middle)	
Grays Harbor County	
2. Project Name (A name for your project that you create. Examples: Smith’s Dock or Seabrook Lane Development) [help]	
Keys Road Flood Protection	
3. Phone Number and Email	
(360) 249-4222 rwilson@co.grays-harbor.wa.us	
4. Which of the following applies to Applicant? Check one and, if applicable, attach the written authority – bylaws, power of attorney, etc. [help]	
<input type="checkbox"/> Corporation <input type="checkbox"/> Limited Partnership <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Liability Company Home State of Registration: _____	<input type="checkbox"/> Individual <input type="checkbox"/> Marital Community (Identify spouse): _____ <input checked="" type="checkbox"/> Government Agency <input type="checkbox"/> Other (Please Explain): _____

5. Washington UBI (Unified Business Identifier) number, if applicable: [\[help\]](#)

6. Are you aware of any existing or previously expired Aquatic Use Authorizations at the project location?

Yes No Don't know

If Yes, Authorization number(s): _____

7. Do you intend to sublease the property to someone else?

Yes No

If Yes, contact your Land Manager to discuss subleasing.

8. If fill material was used previously on DNR-managed aquatic lands, describe below the type of fill material and the purpose for using it. [\[help\]](#)

To be completed by DNR and a copy returned to the applicant.

Signature for projects on DNR-managed aquatic lands:

Applicant must obtain the signature of DNR Aquatics District Manager OR Assistant Division Manager if the project is located on DNR-managed aquatic lands.

I, a designated representative of the Dept. of Natural Resources, am aware that the project is being proposed on Dept. of Natural Resources-managed aquatic lands and agree that the applicant or his/her representative may pursue the necessary regulatory permits. My signature does not authorize the use of DNR-managed aquatic lands for this project.

Printed Name

Dept. of Natural Resources
District Manager or Assistant Division Manager

Signature

Dept. of Natural Resources
District Manager or Assistant Division Manager

Date

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 ORIA-16-016 rev. 10/2016