

OREGON



WATER RESOURCES
DEPARTMENT

2020 SOLICITATION

FEASIBILITY STUDY GRANTS

GRANT APPLICATION

APPLICATION DEADLINE: BY 5:00PM ON OCTOBER 15, 2020

Application must be received by this date and time

Send application electronically to: WRD_DL_feasibilitystudygrants@oregon.gov

Mail application to:

OREGON WATER RESOURCES DEPARTMENT
Attention: Grant Program Coordinator
725 Summer Street NE, Suite A
Salem, OR 97301

APPLICATION SUBMISSION INSTRUCTIONS

1. **When completing your application, use the** Application Instructions available at the OWRD Funding Opportunities, Applications, Forms, and Guidance webpage:
<https://www.oregon.gov/OWRD/programs/FundingOpportunities/Pages/default.aspx>
2. Complete all sections in the spaces provided. An application must be submitted on the attached form provided by the Department. An explanation must accompany the application if any of the information required cannot be provided [OAR 690-600-0020(6)].
3. Please ensure that the Certification portion of Section II is signed with a live signature by the Applicant and, if applicable, the Co-Applicant.
4. Taking part in a Pre-Application Conference prior to applying is **highly** recommended. The pre-application conference request form is available on the OWRD Funding Opportunities Forms webpage. To learn more contact the Department.
5. Complete and sign the application checklist.
6. Electronic submission of application is the preferred method. You may scan a copy of the signed signature page and submit with your application if both documents are included in the same email.
7. If application is submitted in hard copy - use 8 ½" x 11" single sided, unstapled pages. Provide any attachments to the application on 8 ½" x 11" single-sided, unstapled pages.
8. Contact the Department at 503.986.0869 or WRD_DL_feasibilitystudygrants@oregon.gov if you have any questions.

FEASIBILITY STUDY GRANT APPLICATION CHECKLIST

Instructions: Use this checklist to ensure that your application is complete. An incomplete application will not be eligible for further review and consideration. This checklist must be completed and signed in order for your application to be considered complete.

SECTION A - Application

I. Study Information

- Study name and type(s) is complete and correct.
- The requested grant amount and previous Feasibility Study Grants for the study do not exceed \$500,000.
- The requested grant amount does not exceed 50% of the Total Cost of the Study.

II. Applicant Information

- All applicant and co-applicant name(s) and contact information is complete and correct.
- Application is signed by Applicant/Authorized Person.
- Application is signed by Co-Applicant/Authorized Person *OR* there is no co-applicant.

Note: *If the project is awarded funding the co-applicant will be required to sign and be party to the grant agreement.*

III. Study Location

- All questions have been addressed.
- Site plan map is attached.

IV. Feasibility Study Summary

- A brief (4-5 sentence) summary of the feasibility study and goal is included.

V. Feasibility Study Grant Specifics

- All questions have been addressed.
- Study key tasks are identified.

VI. Feasibility Study Budget

- All key tasks and budget items follow the Department's Budget Procedures and Allowable Costs guidance available on the OWRD Funding Opportunities Forms webpage.
- All budget information is accurate and complete.
- Administrative costs do not exceed 10% of total Grant Request.
- Key tasks listed in budget match those identified in Questions 13 and 14.

VII. Match Funding Information

- Matching Funds total, at a minimum, 50% of the Total Cost of the Feasibility Study.
- Match fund letters, indicating pending or secured match, are attached and equal the amounts listed in VI. Feasibility Study Budget.

VIII. Storage-Specific Questions

- All questions have been addressed *OR* the application is not for a storage project.
- Minimum Storage Specific Study Requirements are met and are incorporated into the study and key tasks.

SECTION B - Application Attachments

Instructions: Use this checklist to ensure required attachments are included with your application. All attachments to the application must be numbered as well as included in this list. For all attachments ensure documentation meets any criteria identified in the application instructions, Storage-Specific Guidance, and Guidance on Budget Procedures and Allowable Costs. For “other” optional attachments in excess of the three spaces provided, include a supplemental list.

Required Attachments:

- Attachment 1 – Site map (Question 3)
- Attachment 2 – Signed Landowner Agreement Forms (Question 5) to verify that you have authorized access to the lands on which the study would occur.
- Attachment 3 – Documentation of matching funds (Question 22) includes the following:
 - a) Match documentation for all match fund sources listed in the match fund table.
 - b) Match fund documentation that clearly identifies the dollar amount and describes the work to be accomplished with the match.
- Attachment 4 (*Select Storage Projects Only: if you answered “yes” to any part of Question 23*) – Description of approach to address storage-specific requirements; see the Storage-Specific Study Requirements: Application Guidance for the minimum requirements.

Optional Attachments:

- Letters of support (Question 13): Attachment # 4
- List and description of key tasks (Question 14): Attachment #
- Secured permits and regulatory approvals needed to implement the project (Question 15): Attachment #
- Other: Tax lot numbers Attachment # 5
- Other: Water rights Attachment # 6
- Other: Attachment #

All required items within Section A and B of the application checklist are completed and all identified criteria are addressed to the best of my knowledge.

Signature of Applicant/Authorized Person:  Date: 10/15/2020
Print Name: Julie O'Shea Title: Executive Director



**FEASIBILITY STUDY GRANTS
2020 GRANT APPLICATION**

I. Study Information

Study Name: Walla Walla River Irrigation District Water Conservation Study

Type of Feasibility Study: Water Conservation Reuse
 Storage (Above-Ground) Storage (Below-Ground)
 Storage (Other)

Requested Grant Amount (must be no more than 50% of Total Study Cost): \$ 75,000

Total Cost of Feasibility Study: \$ 170,000

Note: Request(s) may not exceed \$500,000 per project.

II. Applicant Information

| | |
|--|---------------------------|
| Applicant Name: Farmers Conservation Alliance | Co-Applicant Name: |
| Address: 102 State St Hood River, OR 97031 | Address: |
| Phone: 541-716-6085 | Phone: |
| Fax: | Fax: |
| Email: | Email: |

| | |
|---|---|
| Principle Contact: David McKay | Fiscal Officer: Alan Horton |
| Address: 102 State St Hood River, OR 97031 | Address: 102 State St Hood River, OR 97031 |
| Phone: 541-257-8703 | Phone: 541-716-6085 |
| Fax: | Fax: |
| Email: david.mckay@fcasolutions.org | Email: alan.horton@fcasolutions.org |

Certification: I certify that this application is a true and accurate representation of the proposed work for a project feasibility study and that I am authorized to sign as the Applicant or Co-Applicant. By the following signature, the Applicant and Co-Applicant (if applicable) certifies that they are aware of the requirements of an Oregon Water Resources Department grant, have read and agree to all conditions within the sample Feasibility Study Grant Agreement and are prepared to conduct the study if awarded.

Signature of Applicant/Authorized Person:  Date: 10/15/2020

Print Name: Julie O'Shea Title: Executive Director

Signature of Co-Applicant/Authorized Person: _____ Date: _____

Print Name: _____ Title: _____

III. Feasibility Study Summary

1. Please provide a brief, 4-5 sentence summary of the feasibility study. This summary should include a brief description of the goal of the water conservation, reuse, or storage project being studied and the purpose of the study. Please refer to the Feasibility Study Grant Application Instructions for additional information on what to include in your study summary.

The goal of the proposed feasibility study is to produce a System Improvement Plan (SIP) for Walla Walla River Irrigation District in Umatilla County. The study will identify and evaluate opportunities to modernize the District’s infrastructure in a manner that benefits agriculture, the environment, and the community. The result of the study will be an evaluation of improving the District’s infrastructure with associated high-level engineering designs, cost estimates, GIS mapping, projected water savings, fish screening and passage evaluations, and projected hydroelectric power generation and energy conservation potential.

IV. Study Location

Instructions: Please answer the following questions about the location of the feasibility study and project being evaluated.

2. **Location.** Please provide the following information about the study and project location.
 - a. Latitude/Longitude (in decimal degrees): 45.928246 / -118.379301 (location of District diversion on Walla Walla River)
 - b. County: Umatilla County
 - c. Watershed/Basin (HUC 10 number): 1707010207 and 1707010209

3. **Site Plan Map.** Please attach a site plan map showing the following and label as Attachment #1:

| | |
|--------------------------------------|---|
| a. Feasibility study area boundaries | f. Property boundaries |
| b. Project area (if implemented) | g. Surface water bodies |
| c. True north arrow | h. Sampling locations (if proposed) |
| d. Map title and legend | i. Points of Diversion and Place of Use, labeled for each water right (if applicable) |
| e. Latitude and longitude | |

4. **Properties Impacted or Accessed During Study.** Check the box which best describes the properties involved in the proposed Feasibility Study.
 - a. This Feasibility Study will not impact or access lands.
 - b. This Feasibility Study will impact or access lands. Complete the table below to identify any properties where access is required for the feasibility study or on which the study would occur. *Add rows as needed.*

| Tax Map Number | Tax Lot Number | Ownership Type (<input checked="" type="checkbox"/> One) | Property Owner of Record |
|------------------|----------------|---|--------------------------|
| See Attachment 5 | | <input type="checkbox"/> Public <input type="checkbox"/> Private | |

| | | | |
|--|--|---|--|
| | | <input type="checkbox"/> Public <input type="checkbox"/> Private | |
| | | <input type="checkbox"/> Public <input type="checkbox"/> Private | |
| | | <input type="checkbox"/> Public <input type="checkbox"/> Private | |

- 5. Landowner Agreement.** Attach a signed Landowner Agreement form for each property listed in Question #4 where access to the property is required or on which the Feasibility Study would occur. Attach Landowner Agreement form(s) only for those properties involved in the Feasibility Study and label Attachment #2. (Landowner Agreement forms may be found on the [Applications, Forms and Guidance](#) webpage.)
- Where a single landowner entity is the owner of record for multiple properties, one form may list the multiple properties owned by that entity.
 - For *public* lands attach the landowner form or other documented authorization from the federal or state government property owner allowing the feasibility study activities or documentation that demonstrates such authorization is being pursued.
- 6. Properties Impacted or Accessed During Implementation.** Check the box which best describes the properties involved in future project Implementation. Identify any lands that would be impacted or accessed during future project implementation. Check all that apply and provide the requested information.
- The proposed project, if implemented, will only impact or access lands already identified in Question 4 (must have selected box b under question 4).
 - The proposed project, if implemented, will likely impact or access lands during implementation, but those lands likely to be accessed or impacted have not been identified, OR this question is not applicable. If this box (6b) is checked, do not complete the table below.
 - The proposed project, if implemented, is highly likely to impact or access additional lands during implementation. If this box (6c) is checked, complete the table below to identify any additional properties (those not already identified under question (4)) where access is required for future project implementation. *Add rows as needed. No Landowner Agreement forms are required for lands listed only under this question.*

| Tax Map Number | Tax Lot Number | Ownership Type (✓ One) | Property Owner of Record |
|----------------|----------------|---|--------------------------|
| | | <input type="checkbox"/> Public <input type="checkbox"/> Private | |
| | | <input type="checkbox"/> Public <input type="checkbox"/> Private | |
| | | <input type="checkbox"/> Public <input type="checkbox"/> Private | |
| | | <input type="checkbox"/> Public <input type="checkbox"/> Private | |
| | | <input type="checkbox"/> Public <input type="checkbox"/> Private | |

V. Feasibility Study Specifics

Instructions: Please answer all questions in this section. As applications are expected to result in additional pages to complete this section, you may attach your responses on a separate document as long as you indicate the question numbers in your response.

7. Water Need. Describe the identified water need (local, regional, or statewide). Please provide data or a narrative substantiating the need.

The proposed feasibility study will help to address agricultural and environmental water needs in the Walla Walla River Basin (17070102 HUC-8).

In the City of Milton-Freewater the Walla Walla River naturally divides into two distinct branches, the Little Walla Walla River (LWWR) and the Tualum Branch of the Walla Walla River. Walla Walla River Irrigation District (herein referred to as the District or WWRID) is served primarily by the LWWR. The District diverts water year-round from the Walla Walla River into the LWWR for irrigation water conveyance. Water is conveyed through a combination of the natural channels of the LWWR and man-made canals and pipelines. The District operates and maintains about 30 miles of open canals and pipelines that carry water to 250 patrons. Water delivered by the District irrigates approximately 3,200 acres of high value crops including apples, cherries, prunes and wine grapes. The District’s canals lose an undetermined amount of water to seepage and evaporation, which the proposed feasibility study would quantify.

North of the District, groundwater in the shallow aquifer surfaces as springs. These springs feed more than 50 creeks in Oregon and Washington and supply water to much of the lower LWWR system. These creeks are called the Spring Branches.

WWRID, in cooperation with Hudson Bay District Improvement Company and Gardena Farms Irrigation District, worked out an agreement with U.S. Fish & Wildlife Service in 2000 to leave more water in the Walla Walla River. The instream flows were negotiated to address Endangered Species Act concerns for listed steelhead and bull trout. Since the Agreement expired in 2007, WWRID has continued to bypass 25 cfs year-round, leaving this water in the Walla Walla River, which is equivalent to 30% of its water rights during the summer. The District has protected approximately 11 cfs of water in the Walla Walla River through capital improvement projects. WWRID water right holders

voluntarily bypass an additional 14 cfs on an annual basis. As a result, legal protection of the flow left instream for Endangered Species by WWRID landowners is a top priority of the District.

Because of these flow commitments and water supply variability, WWRID cannot fully satisfy patrons' senior water rights during the summer. As a result, many patrons now rely on wells to supplement their surface water supply. Significant declines in regional groundwater levels have been observed in both the shallow alluvial and deep basalt aquifers, and reduced flows have been observed in the Spring Branches. In conjunction with dramatic increases in groundwater pumping, declining water levels in the shallow aquifer have occurred because of decreased groundwater recharge. Less water flowing in the LWWR due to the agreement with U.S. Fish & Wildlife Service, canal piping, and on-farm irrigation upgrades have collectively reduced groundwater recharge.

The proposed feasibility study will help to address agricultural water needs. The District's water supply varies annually with changing environmental conditions. Climate change in the region will likely further stress existing agricultural, municipal, and environmental water supplies. Climate change will likely result in reduced winter snowpack and spring/summer precipitation; decreased summer stream flows due to earlier runoff timing; increased crop evapotranspiration and associated agricultural water demands; and higher stream temperatures resulting from higher air temperatures. These changes will likely increase the frequency and magnitude of water supply shortages and associated challenges for all users in the region. Water shortages can limit patrons' agricultural production and have economic impacts to district patrons and the local economy. Current and future water supply variability highlights the need for improved water efficiency.

The proposed feasibility study also offers the potential to address environmental water needs. The Walla Walla River supports listed bull trout and steelhead, and low flow in the river due to irrigation diversions can negatively impact these species. Water savings identified through the proposed study could be used to further improve flow in the Walla Walla River for these species.

8. Study Goal. Describe the feasibility study goal.

The goal of the proposed study is to develop a comprehensive System Improvement Plan for Walla Walla River Irrigation District. The result of the study will be an evaluation of improving the District's infrastructure with associated high-level engineering designs, cost estimates, projected water savings and recharge estimates, fish passage and screening options, and projected hydroelectric power generation and energy conservation potentials. The feasibility study will help advance the District's overall goals to provide a reliable source of irrigation water in the most efficient manner possible to ensure that agriculture is viable for future generations while being responsible environmental stewards of local natural resources.

9. Study Scope. Describe how the proposed study would achieve the goal.

Walla Walla River Irrigation District (the District) delivers water through approximately 30 miles of open channel (i.e. the Little Walla Walla River), canals, laterals, and pipelines. The proposed study will analyze the District's existing water delivery infrastructure and evaluate one or more alternatives for modernizing that infrastructure. Study tasks will include an initial assessment of District information

resources, GIS mapping, water loss assessment, fish screening and passage evaluation, technical design, and energy conservation and generation evaluation. These technical components will be combined with an engineering cost assessment to develop a System Improvement Plan (SIP) for the District. This study will determine project feasibility by quantifying the effect of piping and other strategies on water conservation, operations and maintenance costs, and energy conservation and generation potential.

Over the past five years, FCA has developed the relationships and processes needed to efficiently produce a SIP. FCA has worked with irrigation districts across Oregon to complete 13 SIPs over this time period. The proposed study will build on FCA's extensive experience in SIP development to efficiently meet the feasibility study's goals.

10. Water Availability. Please provide evidence that water is available to meet the above described need. Evidence can include regulatory and physical information regarding water availability.

The proposed study will evaluate opportunities to conserve water associated with the existing water rights served by Walla Walla River Irrigation District. The District's patrons hold the live flow water rights served by the District infrastructure to be evaluated through this study. These water rights are listed in response to question 16.

11. Community Benefit. Describe how implementation of the project could benefit and/or impact the community.

The proposed feasibility study will identify opportunities to modernize infrastructure in the District including opportunities to save water by piping open canals and laterals, improving operational efficiencies through automation, reducing energy costs associated with pumping, and generating fish-friendly, renewable energy. When implemented, these projects would offer the potential to benefit the District, its patrons, and the surrounding community.

The District's remaining open canals and laterals currently experience management challenges, seepage and evaporation losses, and dry year delivery challenges. Modernizing the District's infrastructure will help address these challenges. It would improve water delivery reliability for the District's patrons and reduce operation and maintenance costs, helping to maintain agricultural production and associated economic benefits. Water saved from modernization could be used to improve water supply reliability for district patrons; augment flow in the Walla Walla River to support listed bull trout and steelhead; and/or recharge the alluvial aquifer to benefit multiple uses. The proposed feasibility study will quantify the amount of water that could be saved and made available through modernizing the District's infrastructure.

Public safety could also be improved through modernizing the District's infrastructure. The Little Walla Walla River, which the District uses to convey irrigation water, runs through high density residential and business areas of Milton-Freewater, which poses a risk of flooding and accidents. Piping canals and laterals eliminates drowning risks associated with open canals and laterals and eliminates any flooding risks associated with canal and lateral bank failures. Other approaches such as improved signage, fencing, and bank stabilization could address similar challenges along the Little Walla Walla River.

Irrigation districts often follow a project-by-project approach to improving their infrastructure and realizing any associated benefits. This project-by-project approach often limits districts' ability to fund and implement projects at scale. WWRID has already taken measures to efficiently manage its available water by piping portions of its delivery system. WWRID has implemented conservation projects over the last two decades including piping the Eastside Ditch, Lydell Ditch, Milton Ditch, and Powell Ditch. These projects have helped the District manage its existing supplies and leverage the benefits of infrastructure improvements.

The proposed feasibility study will provide the technical framework necessary for the District to adopt a strategic and comprehensive approach to funding and implementing infrastructure improvements, allowing the District to increase the pace and scale at which it helps to provide agricultural, environmental, and community benefits.

12. Community Support. Describe the level of community support and commitment associated with the study. This may include any collaborative water planning efforts undertaken to identify the project or study.

Walla Walla River Irrigation District has worked in close cooperation with its patrons, Hudson Bay District Improvement Company, Gardena Farms Irrigation District #13, the Confederated Tribes of the Umatilla Indian Reservation, the Walla Walla Basin Watershed Council, the Walla Walla Watershed Alliance, Walla Walla County Watershed Planning and other local cooperators to complete water efficiency projects. The water saved by the District through conservation measures is put instream to benefit fish in the Walla Walla River. The proposed feasibility study would complement previous piping and conservation projects in the District by developing a comprehensive plan for future modernization.

The proposed feasibility study and resulting System Improvement Plan would identify how a modernized delivery system for the District could leverage and build on the existing collaborative efforts in the Walla Walla Basin such as Walla Walla Water 2050 and the Walla Walla Bi-State Flow Enhancement Study. These efforts seek to bring a variety of stakeholders together from Oregon and Washington to develop shared strategies to manage water resources in the Basin for multiple needs including agricultural, municipal, and instream flow.

Stakeholders involved in Walla Walla Water 2050 include local irrigation districts (including Walla Walla River Irrigation District), environmental organizations, local government including the City of Milton-Freewater and surrounding counties, Washington Department of Fish and Wildlife, Washington State Department of Ecology, Oregon Water Resources Department, National Oceanic and Atmospheric Administration, U.S. Army Corps of Engineers, and the Confederated Tribes of the Umatilla Indian Reservation. Modernizing irrigation infrastructure in the basin will help meet the goals of both Walla Walla Water 2050 and the Walla Walla Bi-State Flow Enhancement Study.

13. Letters of Support. List letters of support (name and/or affiliation of sender). Attach copies of the letters to your application.

| |
|--|
| |
|--|

FCA has received and attached letters of support for this study from Walla Walla River Irrigation District and Energy Trust of Oregon.

14. Study Key Tasks. Identify the study key tasks necessary to conduct the feasibility study using the following format and including as many tasks as necessary to complete the study. In the event that your study receives grant funding, the key tasks identified will be incorporated into your grant agreement as the “Statement of Work.” Please note: Project management and administration are common functions within a specified key task and not separate key tasks themselves.

Task number. Key Task Title

- Task schedule: The approximate dates during which the key task will be completed.
- Description of key task activities: Include specific details of the task such as task purpose, planned approach, appropriate technical information, proposed methods, and rationale for the approach.
- Qualified personnel that will complete task: Include a description of the professional experience, professional qualifications and licensure of personnel necessary for task work.

Task 1. Initial Assessment

- Task schedule: September 2020 – March 2021
- Description of key task activities: FCA staff and Walla Walla River Irrigation District staff will meet to discuss the goals and objectives of the feasibility study and the process, timeline, and responsibility for completing key tasks. Meetings will include an overview of the District’s past water conservation projects, current challenges, and a review of the existing system. Following these meetings, FCA staff will review all data and reports associated with District operations and summarize that information for further technical analysis.
- Qualified personnel that will complete task: FCA Staff Engineer Sam Swanson (4 years of experience) and FCA Program Specialist Kate Hart (4 years of experience) will work with Walla Walla River Irrigation District Manager Teresa Kilmer to gather information about the District and coordinate key tasks. Sam Swanson will oversee completion of the technical tasks toward the development of a System Improvement Plan.

Task 2. GIS mapping

- Task schedule: January – September 2021
- Description of key task activities: FCA will analyze any existing Geographic Information Systems (GIS) data the District already has for its infrastructure as well as gather, review, and match water accounting and water rights data of the existing system. After reviewing existing data, FCA will conduct GIS mapping of the District’s canals, laterals, turnouts, and other infrastructure necessary to develop a hydraulic model and System Improvement Plan.
- Qualified personnel that will complete task: FCA GIS Specialist Garrett Miller (8 years of experience) will lead the mapping task and coordinate with District staff.

Task 3. Water loss assessment

- Task schedule: January – December 2021
- Description of key task activities: FCA will utilize GIS data of the existing system to plan and conduct on-site measurements of water losses associated with seepage, evaporation, and/or

operational spills on District canals and laterals to assess potential water savings associated with infrastructure modernization.

- Qualified personnel that will complete task: FCA Hydrologist Matt Melchiorson (17 years of experience) will oversee the planning and data collection for the water loss assessment as well as coordinate with District Manager Teresa Kilmer on appropriate locations and timing for peak flow measurement.

Task 4. Fish Screening and Passage Evaluation

- Task schedule: April – September 2021
- Description of key task activities: FCA will perform a high-level evaluation of existing fish screen and fish passage infrastructure and opportunities for new or improved infrastructure to better meet the District's and stakeholders' identified needs. This evaluation will inform subsequent benefits analyses for the District, specifically the potential benefit to bull trout and steelhead. FCA is not requesting OWRD funds for this task, however, it is included because it is a critical component of developing a System Improvement Plan.
- Qualified personnel that will complete task: FCA Project Manager Dan Kleinsmith (17 years of experience) will oversee completion of this task.

Task 5. Technical Design

- Task schedule: June – December 2021
- Description of key task activities: FCA will develop a hydraulic model of a partially or fully piped water delivery system using EPANET or a similar model including associated pipe sizes and pressure levels. FCA will contract with an engineering firm for additional design and/or modeling support depending on the nature and expertise needed to evaluate various modernization alternatives. A hydraulic model is essential to developing preliminary engineering designs and cost estimates for a piped system.
- Qualified personnel that will complete task: FCA Staff Engineer Sam Swanson (4 years of experience) will oversee completion of this task. FCA will also contract with a qualified engineering firm to conduct additional analysis of the District's system.

Task 6. Energy Conservation and Generation Evaluation

- Task schedule: June – December 2021
- Description of key task activities: FCA will evaluate the potential pumping cost reductions and hydroelectric generation capacity from the hydraulic model and GIS mapping. Energy use from pumping can affect operations and maintenance costs for the District and its patrons. A piped conveyance system reduces these costs by delivering pressurized water to patrons, which can facilitate subsequent on-farm water conservation. Evaluating potential pumping cost reductions and hydroelectric generation capacity are important tasks in the proposed study because they affect the financial feasibility of the modernization project.
- Qualified personnel that will complete task: FCA Director of Energy Solutions Jed Jorgensen (16 years of experience) will oversee completion of this task.

Task 7. Writing System Improvement Plan (SIP)

- Task schedule: August 2021 – February 2022
- Description of key task activities: FCA will use the technical findings of tasks 1 through 6 to

develop a SIP that describes the District's desired alternative for modernizing its infrastructure. The purpose of the SIP is to develop a well-considered evaluation of the District's canals and laterals, a mitigation plan for any seepage losses, and consideration of pressurized deliveries and hydroelectric generation through piping. The alternative presented in the plan will focus on improving water conservation and operational efficiencies for the District. The SIP will outline potential phasing of conservation projects and anticipated costs of piping.

- Qualified personnel that will complete task: FCA Staff Engineer Sam Swanson (4 years of experience) will oversee completion of this task. If needed, FCA will hire a qualified engineering firm to support the development of the System Improvement Plan.

Copy and paste additional tasks as needed.

15. Study Task Scheduling. Estimated duration of feasibility study: September 2020 to February 2022

Place an “X” in the appropriate column to indicate when each task of the project would take place. Study tasks should match those listed as part of your response to the previous question.

| Feasibility Study Key Tasks (Add additional rows as needed) | Grant year | | | | Grant year | | | | Grant year | | | |
|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| | 2020 | | | | 2021 | | | | 2022 | | | |
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| Initial assessment | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| GIS mapping | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Water loss assessment | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Fish screening and passage evaluation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Technical design | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Energy conservation and generation evaluation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Writing System Improvement Plan | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

16. Feasibility Study Water Rights. Identify any water rights required to **conduct** the proposed Feasibility Study below. Check all of the following that apply and provide the information requested:

- No water rights are required to complete the proposed study.
- The proposed study requires a new water right or other water right transactions to **conduct** the study. If checked, list the transaction(s) required (e.g., new right, transfer, etc.):
- The applicant has legal access to a water right that will be used to **conduct** the study. The proposed study requires a water right, and the applicant holds or has been given permission to utilize the water right(s) for the proposed study. If checked, list all water rights required for the study in the table below, adding rows as needed. See the Application Instructions for further guidance, including how to find water right information.

| Water Right Number (Include prefixes, if applicable, e.g., CW 12345) | Is this an application, permit, certificate, limited license, special or final order, transfer, decree, lease, or claim? Enter “New right Needed” below if a new water right is needed to do this work. | Tax Lot IDs within the Place of Use where water will be used to complete the study |
|--|--|--|
| See attachment 6 | | |
| | | |
| | | |
| | | |
| | | |

17. Project Implementation Water Rights. Identify any water rights needed to implement the proposed Project below. Check all of the following that apply and provide the information requested:

- a. The applicant does not know what water rights or water right transactions are required for the project. That will be determined through this study or other effort at a future date.
- b. The proposed project requires a new water right or other water right transactions. If checked, list transaction(s) required (e.g., new right, transfer, etc.):
- c. The applicants holds the water right(s) required for the project. If checked, include list of rights in the table below, adding rows as needed. See the Application Instructions for further instruction, including how to find water right information.

| Water Right Number (Include prefixes, if applicable, e.g., G 00010) | Is this an application, permit, certificate, limited license, special or final order, transfer, decree, lease, or claim? | Water Right Amount | | | Tax Lot IDs within the Place of Use where water will be used to implement the proposed project |
|--|--|--------------------|----------------|-----------------|--|
| | | Max Volume (ac-ft) | Max Rate (cfs) | Duty (ac-ft/ac) | |
| | | | | | |
| | | | | | |
| | | | | | |

18. Feasibility Study Permits. Provide a list of any other permits and regulatory approvals needed to conduct the Feasibility Study and indicate the status of each in the table below. If permits/approvals are required, please submit copies of secured permits/approvals **or** describe efforts to secure permits/approvals including status. If no permits or authorizations are required for the study, provide an explanation:

No permits or authorizations are required for completing the study. Water loss assessments, GIS mapping, and other on-the-ground activities will occur within Walla Walla River Irrigation District easements and under its existing authorities. Technical design, energy evaluations, System Improvement Plan development, and related activities will be conducted remotely and will not require permits or authorizations.

| Permit/ Regulatory Approval | Permitting Entity | Status and Efforts To Date |
|-----------------------------|-------------------|----------------------------|
| N/A | | |
| | | |
| | | |
| | | |

19. Project Implementation Permits. Provide a list of the permits and regulatory approvals that you anticipate would be needed to implement the proposed project being studied. If permits/approvals are not required, please explain why and provide information regarding any agencies contacted to verify this determination:

FCA typically identifies permits and approvals needed to modernize a specific district following the development of a System Improvement Plan as these permits and approvals vary depending on

anticipated on-the-ground activities and funding sources. Based on past experience, the following permits, approvals, and compliance activities may be needed to implement the project:

| Project Permit/Regulatory Approval (<i>add rows as needed</i>) | Permitting Entity |
|--|--|
| Land Use Compatibility Statement | County |
| Consultation with County Floodplain Administrator if construction would occur within the 100-year floodplain. | County |
| National Pollutant Discharge Elimination System permit if construction activities would disturb one or more acres of land and have the potential to discharge into a public waterbody. | Oregon Department of Environmental Quality |
| Allocation of Conserved Water approval (potentially) | Oregon Water Resources Department |
| Removal-fill permit if jurisdictional wetlands occur in areas outside canals where work would be done. | Oregon Department of State Lands |
| Consultation for compliance with National Historic Preservation Act Section 106. | State Historic Preservation Office |
| National Environmental Policy Act CE, EA, or EIS completion (potentially). | TBD |
| Compliance with Oregon Fish Passage Law depending on the findings from fish screening and passage evaluation. | Oregon Department of Fish and Wildlife |
| Compliance with the Clean Water Act Section 404. | Oregon Department of Environmental Quality |
| Compliance with the Farmland Protection Policy Act. | TBD |
| Compliance with the Endangered Species Act. | Oregon Department of Fish and Wildlife |
| Compliance with the Magnuson-Stevens Act for Essential Fish Habitat. | Oregon Department of Fish and Wildlife |
| Compliance with the Safe Drinking Water Act. | Oregon Department of Environmental Quality |
| Compliance with the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act. | Oregon Department of Fish and Wildlife |

VI. Feasibility Study Budget

Instructions: Please answer the following questions about the study budget using the tables provided.

20. Budget By Line Item or Category. Please provide an estimated line item budget for the proposed feasibility study. Examples include: Direct project specific costs, such as in-house staff salary, contractual services, and administrative costs. See the Department’s Budget Procedures and Allowable Costs for further guidance.

| OVERALL STUDY BUDGET Line Items | Number of Units* (e.g. # of Hours) | Unit Cost (e.g. hourly rate) | In-Kind Match | Cash Match Funds | OWRD Grant Funds | Total Cost | |
|--|---|---|--------------------------|---------------------------------|---------------------------------|-----------------------|------------------|
| Staff Salary/Benefits | 944 hours | \$100/hour | \$0 | \$80,572 | \$13,804 | \$94,376 | |
| Contractual/Consulting | 500 hours | \$100/hour | \$0 | \$0 | \$50,000 | \$50,000 | |
| Equipment (must be approved) | | | \$0 | \$0 | \$0 | \$0 | |
| Supplies | | | \$0 | \$0 | \$0 | \$0 | |
| Travel | 7 trips (2 people, 3 days) | \$1,232/trip | | | | | |
| | | | \$0 | \$4,928 | \$3,696 | \$8,624 | |
| Administrative Costs** | | | \$0 | \$9,500 | \$7,500 | \$17,000 | |
| | | | Total | \$0 | \$95,000 | \$75,000 | \$170,000 |

** The "Unit" should be per "hour" or "day" – not per "project" or "contract." Units x Unit Costs = Total Cost*

*** Administrative Costs may not exceed 10% of the total funding requested from the Department*

21. Budget by Key Task. Identify the budget for each key task below. Key tasks identified below should be the same as the key tasks identified in Questions 14 and 15.

| Feasibility Study Key Tasks (Add additional rows as needed) | In-Kind Match | Cash Match Funds | OWRD Grant Funds | Total Cost | |
|--|--------------------------|-----------------------------|-----------------------------|-------------------|------------------|
| Initial assessment | \$0 | \$50,000 | \$0 | \$50,000 | |
| GIS mapping | \$0 | \$10,000 | \$5,000 | \$15,000 | |
| Water loss assessment | \$0 | \$10,000 | \$5,000 | \$15,000 | |
| Fish screening and passage evaluation | \$0 | \$5,000 | \$0 | \$5,000 | |
| Technical design | \$0 | \$10,000 | \$25,000 | \$35,000 | |
| Energy conservation and generation evaluation | \$0 | \$0 | \$15,000 | \$15,000 | |
| Writing System Improvement Plan | \$0 | \$10,000 | \$25,000 | \$35,000 | |
| | Total | \$0 | \$95,000 | \$75,000 | \$170,000 |

VII. Match Funding

Instructions: Please answer the following question regarding matching funds.

22. Match Funding Table and Documentation. Please fill out the table below and attach the appropriate documentation for both the secured and pending match (add rows as needed). Keep in mind that applicants must demonstrate a minimum **dollar-for-dollar match**. Please note that a failure to meet this requirement or to attach documentation will result in an incomplete application that will not be considered for funding.

For secured funding, you must attach a letter of support or award from the match funding source that specifically mentions the dollar amount identified for this study and as shown in the “Amount/Dollar Value” column in the table below.

For pending resources, other written documentation showing a request for the matching funds must accompany the application or documentation must identify the date on which a future funding application will be submitted, identify the funding program, and provide evidence that the project is eligible for the funding program identified.

| Match Funding Source (if in-kind, briefly describe the nature of the contribution) | Type (<input checked="" type="checkbox"/> Only One) | Status (<input checked="" type="checkbox"/> Only One) | Amount/ Dollar Value | Date Match Funds Available (Month/Year) |
|---|--|---|----------------------|--|
| Energy Trust of Oregon | <input checked="" type="checkbox"/> cash <input type="checkbox"/> in-kind | <input checked="" type="checkbox"/> secured <input type="checkbox"/> pending | \$95,000* | October 2020 |
| | <input type="checkbox"/> cash <input type="checkbox"/> in-kind | <input type="checkbox"/> secured <input type="checkbox"/> pending | | |
| | <input type="checkbox"/> cash <input type="checkbox"/> in-kind | <input type="checkbox"/> secured <input type="checkbox"/> pending | | |
| | <input type="checkbox"/> cash <input type="checkbox"/> in-kind | <input type="checkbox"/> secured <input type="checkbox"/> pending | | |
| | <input type="checkbox"/> cash <input type="checkbox"/> in-kind | <input type="checkbox"/> secured <input type="checkbox"/> pending | | |
| Total of Match Funds | | | = \$95,000 | |

*Note: Energy Trust has committed \$200,000 to support FCA’s work with Walla Walla River Irrigation District which includes some activities outside the scope of this study.

VIII. Storage-Specific Questions

Instructions: If you indicated that your study is for a storage project, answer question 23 in this section. If your study is for above-ground storage, also answer question 24. Please refer to the document on Storage-Specific Study Requirements for guidance and information on completing this section, available on the OWRD Funding Opportunities, Applications, Forms, and Guidance webpage. If your study is for a water conservation or reuse project, skip this section.

23. All Storage Projects. Answer the following “Yes/No” questions about the storage project to be evaluated in the proposed study.

- A. Will the project divert more than 500 acre-feet of surface water annually? Yes No
- B. Will the project impound surface water on a perennial stream? Yes No
- C. Will the project divert water from a stream that supports sensitive, threatened or endangered species? Yes No

If you answered “yes” to any of the questions above, you are required to address the following analyses in your feasibility study. By signing this application, you are committing to include these required elements in your feasibility study.

If you answered “Yes” to (A), (B), or (C) above, attach a description of how you intend to address the following required elements in your feasibility study (please refer to the document on Storage-Specific Study Requirements for guidance and a description of the minimum acceptable standards regarding these study requirements):

- i. Analyses of by-pass, optimum peak, flushing and other ecological flows of the affected stream and the impact of the storage project on those flows.
- ii. Comparative analyses of alternative means of supplying water, including but not limited to the costs and benefits of water conservation and efficiency alternatives and the extent to which long-term water supply needs may be met using those alternatives.
- iii. Analyses of environmental harm or impacts from the proposed storage project.
- iv. Evaluation of the need for and feasibility of using stored water to augment instream flows to conserve, maintain and enhance aquatic life, fish life and any other ecological values.
- v. *For proposed storage projects for municipal use only* – For a proposed storage project that is for municipal use, analysis of local and regional water demand and the proposed storage project’s relationship to existing and planned water supply projects.

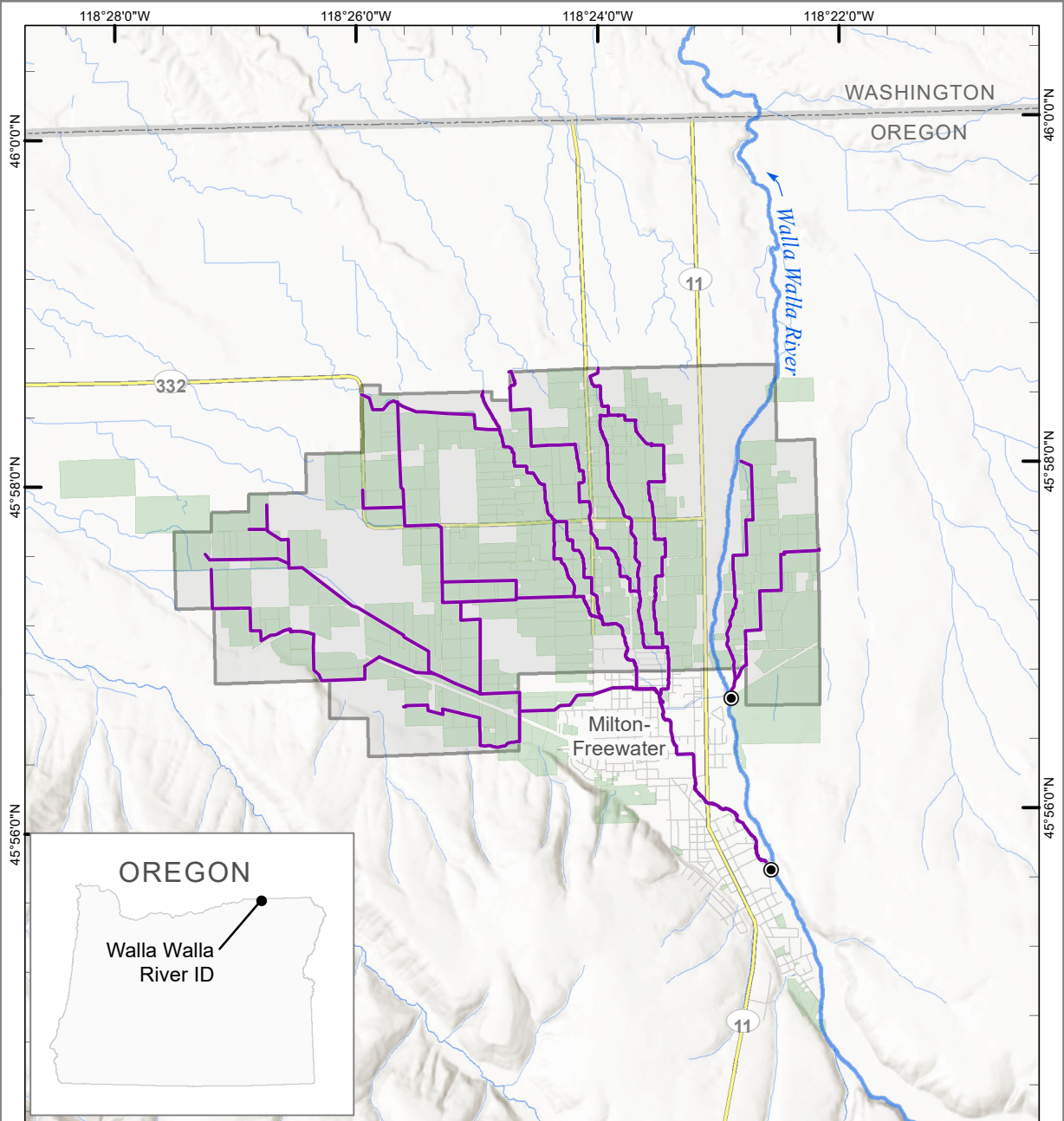
24. For Above-Ground Storage Only. Describe whether or not the storage project would include provisions for using stored water to augment instream flows to conserve, maintain and enhance aquatic life, fish life or other ecological values. As per statute and rule, above-ground storage projects that include these provisions receive preference for funding over other storage projects.

Oregon Water Resources Department





Feasibility Study Grant Application

Walla Walla River Irrigation District Water Conservation Study

Supporting Documentation



Walla Walla River Irrigation District

-  WWRID - Project
-  WWRID - Service
-  WWRID - District Boundary & study area
-  Diversions



Source: FCA, NHD, ODOT, WWRID, WWBWP
WWRID Grant App OWRD.mxd 10/13/2020

Attachment 2 – Landowner Agreement

In lieu of Landowner Agreement forms for Question 5, please see Attachment 4 - a letter of support from Walla Walla River Irrigation District describing their easements and authorities for properties involved in the feasibility study. This substitution was discussed and agreed upon by Becky Williams at OWRD via email on October 5, 2020.



421 SW Oak St., Suite 300
Portland, OR 97204

1.866.368.7878
energytrust.org

October 12, 2020

Ms. Julie O'Shea
Executive Director
Farmers Conservation Alliance
102 State St
Hood River, OR 97031

RE: Letter of Support

Dear Ms. O'Shea:

This letter confirms Energy Trust of Oregon's support for the irrigation modernization activities outlined in Farmers Conservation Alliance's 2020 Oregon Water Resources Department Feasibility Study Grants proposal. Energy Trust has committed \$200,000 to support irrigation modernization work in the Walla Walla River Irrigation District, including GIS mapping, water loss assessments, hydraulic modeling, energy generation and conservation evaluation, fish screening and passage evaluation, and System Improvement Plan development.

Energy Trust has a strong history of collaboration with Farmers Conservation Alliance to help irrigation districts in Oregon modernize their infrastructure, leading to significant energy conservation and hydropower development potential. We look forward to continuing our work together and strongly support your efforts to encourage the participation of additional funders in this important endeavor.

Sincerely,

A handwritten signature in blue ink that reads "Dave Moldal".

Dave Moldal
Sr. Program Manager - Renewables

Walla Walla River Irrigation District
PO Box 248/323 Evans Street
Milton-Freewater, Oregon 97862
541-938-0144
teresa@wwriver.com

October 12, 2020

Becky Williams, Grant Program Coordinator
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301

Ms. Williams:

The Walla Walla River Irrigation District would like to express our support for Farmers Conservation Alliance's (FCA's) Feasibility Study Grant application to the Oregon Water Resources Department. Walla Walla River Irrigation District has partnered with FCA to develop a comprehensive System Improvement Plan that will help the District to identify opportunities to save water and improve operational efficiencies. Funding through the Oregon Water Resources Department Feasibility Study Grants program will be critical to achieving these goals.

As part of this study, District staff and partners will be collecting on-the-ground data about the District's existing infrastructure. Walla Walla River Irrigation District's delivery infrastructure crosses many properties. This letter confirms that all actions proposed within this study will occur within Walla Walla River Irrigation District's existing easements and under its existing authorities for each property involved in the study.

I appreciate the opportunity to work with the Oregon Water Resources Department to continue to improve Walla Walla River Irrigation District's ability to efficiently deliver water to its patrons.

Sincerely,



Teresa Kilmer
District Manager
Walla Walla River Irrigation District

Attachment 5 - Tax lots

| Tax Map Number | Tax Lot Number | Ownership Type | Property Owner of Record |
|-----------------------|-----------------------|-----------------------|------------------------------------|
| 5N35E1 | 100 | Private | SCHMIDT LIMITED PARTNERSHIP |
| 5N35E1 | 100 | Private | SCHMIDT LIMITED PARTNERSHIP |
| 5N35E1 | 100 | Private | SCHMIDT LIMITED PARTNERSHIP |
| 5N35E1 | 100 | Private | SCHMIDT LIMITED PARTNERSHIP |
| 5N35E12AC | 200 | Private | GARTON MICHAEL L & CYNTHIA |
| 5N35E12AC | 200 | Private | GARTON MICHAEL L & CYNTHIA |
| 5N35E12AC | 200 | Private | GARTON MICHAEL L & CYNTHIA |
| 5N35E12AC | 200 | Private | GARTON MICHAEL L & CYNTHIA |
| 5N35E12BA | 1500 | Private | KAIN RICHARD L & TINA S |
| 5N35E12BA | 1501 | Private | KAIN RICHARD L & TINA S |
| 5N35E12BB | 6101 | Private | CHRIST THE KING LUTHERAN |
| 5N35E12BD | 3800 | Private | STOCKE LYNN V |
| 5N35E12BD | 3900 | Private | STOCKE LYNN V |
| 5N35E12DB | 7400 | Private | BAKER BOYER NATIONAL BANK (TRS) |
| 5N35E12DC | 2000 | Private | PAUL JUDITH L |
| 5N35E12DC | 1001 | Private | QUANTUM 9 LAND COMPANY LLC |
| 5N35E12DD | 1200 | Private | HUMBERT LINDA MAY |
| 5N35E13A | 500 | Private | ENGLISH DENNIS E & DEBRA S |
| 5N35E13A | 300 | Private | GOODENOUGH JAMES W & BARBARA T |
| 5N35E13A | 300 | Private | GOODENOUGH JAMES W & BARBARA T |
| 5N35E13A | 300 | Private | GOODENOUGH JAMES W & BARBARA T |
| 5N35E13A | 300 | Private | GOODENOUGH JAMES W & BARBARA T |
| 5N35E13A | 300 | Private | GOODENOUGH JAMES W & BARBARA T |
| 5N35E13A | 300 | Private | GOODENOUGH JAMES W & BARBARA T |
| 5N35E13A | 300 | Private | GOODENOUGH JAMES W & BARBARA T |
| 5N35E13A | 300 | Private | GOODENOUGH JAMES W & BARBARA T |
| 5N35E13A | 300 | Private | GOODENOUGH JAMES W & BARBARA T |
| 5N35E13A | 300 | Private | GOODENOUGH JAMES W & BARBARA T |
| 5N35E13A | 301 | Private | JONES ROBERT ALLEN & JANE MARIE |
| 5N35E13AA | 300 | Private | HILT DANIEL C & JACQUELINE D |
| 5N35E13AA | 600 | Private | SCHNELL TIMOTHY A & BARBARA J |
| 5N35E2 | 300 | Public | BONNEVILLE POWER |
| 5N35E2 | 400 | Public | MILTON-FREEWATER CITY OF |
| 5N35E2 | 500 | Public | MILTON-FREEWATER CITY OF |
| 5N35E2 | 600 | Public | MILTON-FREEWATER CITY OF |
| 5N35E2 | 1700 | Public | SCHOOL UNION HIGH DIST #3 |
| 5N35E2 | 300 | Private | BAKER ROBERT S |
| 5N35E2 | 1002 | Private | BARRY KRISTINE L & PIPER RICHARD D |
| 5N35E2 | 900 | Private | COUNTY ROAD PROPERTIES LLC |
| 5N35E2 | 900 | Private | COUNTY ROAD PROPERTIES LLC |
| 5N35E2 | 900 | Private | COUNTY ROAD PROPERTIES LLC |
| 5N35E2 | 900 | Private | COUNTY ROAD PROPERTIES LLC |
| 5N35E2 | 1300 | Private | FOX EUGENE D |
| 5N35E2 | 700 | Private | GRAVES ANTHONY G & RACHELLE L |
| 5N35E2 | 200 | Private | LARA SALVADOR DIAZ |
| 5N35E2 | 800 | Private | WONDRA ROBERT J & RUTH C |
| 5N35E2 | 800 | Private | WONDRA ROBERT J & RUTH C |

| | | | |
|----------|------|---------|--|
| 5N35E2 | 800 | Private | WONDRA ROBERT J & RUTH C |
| 5N35E2 | 800 | Private | WONDRA ROBERT J & RUTH C |
| 5N35E2AA | 300 | Private | RAMOS FAUSTO & GRASIELA |
| 5N35E2AA | 3602 | Private | WASHINGTON PARK APARTMENTS LP |
| 5N35E2AC | 1200 | Private | FAGALDE JEFF |
| 5N35E2BA | 707 | Private | DIAZ RAMON & DIAZ JOSE G & DIAZ ARTURA |
| 5N35E2BA | 103 | Private | FIGGINS GARY S & NANCY & FIGGINS C |
| 5N35E2BA | 500 | Private | LAWSON FAMILY LLC |
| 5N35E2BA | 705 | Private | MCCABE RICHARD D & MAURA Q |
| 5N35E2BA | 200 | Private | PRATTON TIMOTHY K |
| 5N35E2BA | 600 | Private | RODIGHERO LISA G |
| 5N35E2BD | 902 | Private | CASA DE PIEDRAS LLC |
| 5N35E2BD | 600 | Private | COUNTY ROAD PROPERTIES LLC |
| 5N35E2BD | 900 | Private | RICE RICHARD NILES & JANICE KAY |
| 5N35E2CA | 900 | Private | COUNTY ROAD PROPERTIES LLC |
| 5N35E2DB | 7000 | Private | ALDERSON GRAHAM & VALERIE |
| 5N35E2DB | 6100 | Private | FULLERTON HAZEL |
| 5N35E2DB | 7300 | Private | JONES HERMAN & BRENDA & ETAL |
| 5N35E2DB | 7200 | Private | LARA DIAZ MARTHA E & VILLAGOMEZ DIAZ J J |
| 5N35E2DB | 6800 | Private | NAJERA-POPOCA JOSE L & NAJERA ELVIRA A |
| 5N35E2DB | 6101 | Private | RAMBO W RICK & TRACEY A |
| 5N35E2DB | 6300 | Private | SAAGER WILLIAM N & MARLENE |
| 5N35E2DB | 6303 | Private | SAAGER WM NORMAN & MARLENE |
| 5N35E2DB | 6700 | Private | VILLAGOMEZ RAFAEL & CLAUDIA |
| 5N35E2DB | 6000 | Private | WHITMORE DELBERT D & ELSA |
| 5N35E2DB | 4100 | Private | WOODS DAVID LEE (TRS) |
| 5N35E3 | 3002 | Private | BARRY KRISTINE L & PIPER RICHARD D |
| 5N35E3 | 3002 | Private | BARRY KRISTINE L & PIPER RICHARD D |
| 5N35E3 | 3002 | Private | BARRY KRISTINE L & PIPER RICHARD D |
| 5N35E3 | 3002 | Private | BARRY KRISTINE L & PIPER RICHARD D |
| 5N35E3 | 1300 | Private | CA MOUNTAIN LLC |
| 5N35E3 | 1600 | Private | CA MOUNTAIN LLC |
| 5N35E3 | 1100 | Private | CARTER SALLY M |
| 5N35E3 | 1101 | Private | SCHROCK MICHAEL D & SCHROCK CASSAUNDRAL |
| 5N35E3 | 1200 | Private | TIMMONS DARCY J |
| 5N35E3 | 1400 | Private | TRUMBULL TRAVIS C & SHAWNA P |
| 5N35E3A | 2200 | Private | BARRY KRISTINE L & PIPER RICHARD D |
| 5N35E3A | 1400 | Private | BOLLING DONALD W |
| 5N35E3A | 1300 | Private | BROWN EARL & SONS INC |
| 5N35E3A | 1800 | Private | CA MOUNTAIN LLC |
| 5N35E3A | 1900 | Private | CA MOUNTAIN LLC |
| 5N35E3A | 900 | Private | CAYUSE VINEYARDS LLC |
| 5N35E3A | 1500 | Private | CAYUSE VINEYARDS LLC |
| 5N35E3A | 2500 | Private | JOHNSON BRYAN K |
| 5N35E3A | 2700 | Private | KELLY PATRICK |
| 5N35E3A | 400 | Private | OLESEN OLE C & YVONNE J |
| 5N35E3A | 1100 | Private | OSBORN THOMAS W & GLORIA C |

| | | | |
|----------|------|---------|----------------------------------|
| 5N35E3A | 100 | Private | PETERSON MELISSA JADE |
| 5N35E3A | 2000 | Private | ROLOFF BARBARA & SEAN |
| 5N35E3A | 500 | Private | SAMS MARVIN & BEVERLY & SAMS DAN |
| 5N35E3A | 700 | Private | SAMS MARVIN & BEVERLY & SAMS DAN |
| 5N35E3A | 200 | Private | SAMS MARVIN H ETAL |
| 5N35E3A | 300 | Private | SAMS MARVIN H ETAL |
| 5N35E3A | 800 | Private | SAMS PATRICK M & WANDA K |
| 5N35E3A | 2300 | Private | STACEY DOROTHY M |
| 5N35E3A | 600 | Private | TUCKER BENJAMIN & DORIS |
| 5N35E3A | 1700 | Private | WALISER DAVID & JULIE |
| 5N35E3A | 1600 | Private | WALISER TIMOTHY & MELINDA |
| 5N35E3A | 2100 | Private | WONDRA ROBERT & RUTH |
| 6N35E25A | 200 | Private | KRUEGER LINDA |
| 6N35E25B | 3000 | Private | DIBBLE DANA A |
| 6N35E25B | 2900 | Private | SAM LEFORE FRUIT FARMS INC |
| 6N35E25B | 1400 | Private | SILVA MARK A |
| 6N35E25C | 1901 | Private | HUMBERT ROSELLA I (TRS) |
| 6N35E25C | 1900 | Private | ROLOFF FARMS INC |
| 6N35E25C | 1902 | Private | ROLOFF FARMS INC |
| 6N35E25C | 1500 | Private | RUTHVEN JOHN C & ARLA J |
| 6N35E25D | 1000 | Private | GRAVELLE DARLENE ET AL |
| 6N35E25D | 700 | Private | LARSON JAMES |
| 6N35E25D | 800 | Private | LARSON TRACY L |
| 6N35E25D | 900 | Private | PIEFER THOMAS R & TERESA K |
| 6N35E25D | 1001 | Private | ROBERTSON DAVID GEORGE |
| 6N35E25D | 902 | Private | RUSSELL GREGORY B & LISA B |
| 6N35E25D | 1100 | Private | SAAGER RICHARD D |
| 6N35E26A | 3300 | Private | ALBERT LANCE R & REBECCA A |
| 6N35E26A | 3700 | Private | BARKWELL STEVEN R & DONNA A |
| 6N35E26A | 1900 | Private | BEAVER DANIEL & MARION |
| 6N35E26A | 3100 | Private | COOTZ RAYMOND W & TERESA Y |
| 6N35E26A | 3400 | Private | DAVIS JOEY E |
| 6N35E26A | 3500 | Private | DAVIS JOEY E |
| 6N35E26A | 700 | Private | DIDION DAVID JAMES ETAL |
| 6N35E26A | 800 | Private | DIDION DAVID JAMES ETAL |
| 6N35E26A | 2201 | Private | FOWLER RON & BETH |
| 6N35E26A | 2400 | Private | GERMAIN REGIS & DAWN |
| 6N35E26A | 4000 | Private | GREENE JASON A |
| 6N35E26A | 2500 | Private | HANSEN DAVID & DEBORAH K |
| 6N35E26A | 3200 | Private | HAUGEN STEVE & KAREN |
| 6N35E26A | 2202 | Private | JANKE BERNARD & CAROLYN |
| 6N35E26A | 2204 | Private | JENNER DONNA L & LEONARD D |
| 6N35E26A | 2700 | Private | LARA-MEDINA MOISES & HERMELINDA |
| 6N35E26A | 3900 | Private | LEFORE JEFFRY T |
| 6N35E26A | 3800 | Private | LINCOLN ROBERT R |
| 6N35E26A | 2000 | Private | MITSOUROV ANDREI V |
| 6N35E26A | 2600 | Private | NEUFELD HUNTER PATRICK ET AL |

| | | | |
|----------|------|---------|--|
| 6N35E26A | 500 | Private | OCHSNER ROBERT L |
| 6N35E26A | 600 | Private | OCHSNER ROBERT L |
| 6N35E26A | 3601 | Private | PARTIN JUSTIN E & SARAH J |
| 6N35E26A | 3600 | Private | SANNAR FRANKLIN A & THERESE J |
| 6N35E26A | 300 | Private | STEWART CLAYTON & ANGELA |
| 6N35E26A | 2800 | Private | STILL SAMUEL T & KRISTIN L |
| 6N35E26A | 2900 | Private | STILL SAMUEL T & KRISTIN L |
| 6N35E26A | 400 | Private | UPPER COLUMBIA MISSION SOC OF SDA CHURCH |
| 6N35E26A | 2401 | Private | URENA MANUEL ARMENTA & ARMENTA CINDY |
| 6N35E26A | 2300 | Private | WALLACE JACK D & LORI L |
| 6N35E26A | 3000 | Private | WHITE NICHOLAS C & LAURA L |
| 6N35E26A | 1901 | Private | WRIGHT LARRY & CYNTHIA |
| 6N35E26A | 2100 | Private | WRIGHT LARRY & CYNTHIA |
| 6N35E26B | 100 | Private | CLERGET DAN P |
| 6N35E26B | 1000 | Private | DAVIS ALAN & MELODY |
| 6N35E26B | 1100 | Private | DAVIS ALAN L |
| 6N35E26B | 1400 | Private | DAVIS ALAN L & MELODY A |
| 6N35E26B | 1200 | Private | DAVIS ALLEN & MELODY & DAVIS ROBERT L |
| 6N35E26B | 800 | Private | DAVIS ORCHARDS INC |
| 6N35E26B | 1101 | Private | DAVIS ORCHARDS INC |
| 6N35E26B | 300 | Private | JONES LINDA |
| 6N35E26B | 303 | Private | LEFORE DAVE D |
| 6N35E26C | 400 | Private | BURKS LISA D |
| 6N35E26C | 1500 | Private | CHRISTOPHERSEN WAYNE & GWYN M |
| 6N35E26C | 701 | Private | DAVIS ORCHARDS INC |
| 6N35E26C | 1300 | Private | DAVIS ORCHARDS INC |
| 6N35E26C | 800 | Private | DAVIS ORCHARDS, INC |
| 6N35E26C | 1700 | Private | ESLINGER DANIEL R & AUDREY E |
| 6N35E26C | 1000 | Private | HARRELL ARIEL R & JUSTIN R |
| 6N35E26C | 2000 | Private | KU'ULEI ORCHARDS LLC |
| 6N35E26C | 2100 | Private | KU'ULEI ORCHARDS LLC |
| 6N35E26C | 200 | Private | LEFORE DONALD R & MARILYN J |
| 6N35E26C | 1600 | Private | LEFORE RONALD A & DONA A |
| 6N35E26C | 1900 | Private | LEFORE RONALD A & DONA A |
| 6N35E26C | 1400 | Private | LEFORE-HURLEY SALLY & HURLEY DENNIS |
| 6N35E26C | 2200 | Private | MCREYNOLDS RHONDA S & CLIFTON J |
| 6N35E26C | 600 | Private | MORRIS SUZANNE A |
| 6N35E26C | 1800 | Private | SEWELL MELVIN R & SANDRA RAE |
| 6N35E26C | 1100 | Private | STADELMAN FRUIT LLC |
| 6N35E26C | 900 | Private | STADELMAN W 1/2 STADELMAN FRUIT LLC 1/2 |
| 6N35E26C | 501 | Private | WILKINSON RICHARD L & REBECCA |
| 6N35E26C | 100 | Private | WILKINSON RICHARD L & R A |
| 6N35E26D | 2700 | Private | ACKERMAN RONALD B & JOANN |
| 6N35E26D | 1000 | Private | ANDERSON ERIC J & DEBORAH J |
| 6N35E26D | 1200 | Private | BAIRD MARJORIE (LE) AKINS RANDALL G |
| 6N35E26D | 1700 | Private | BINDER KENT NEIL & JESSICA |
| 6N35E26D | 1701 | Private | BINDER KENT NEIL & JESSICA |

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| 6N35E26D | 700 | Private | CRONK JERALD D & JUDITH L |
| 6N35E26D | 100 | Private | DIBBLE DANA A |
| 6N35E26D | 2000 | Private | DIBBLE DANA A |
| 6N35E26D | 2001 | Private | DIBBLE DANA A |
| 6N35E26D | 800 | Private | DOUD BRYON E |
| 6N35E26D | 2100 | Private | HELENS ORCHARDS LLC |
| 6N35E26D | 600 | Private | JONES CARL DANIEL & SHERRI LANELLE |
| 6N35E26D | 301 | Private | JORDON DEBORAH |
| 6N35E26D | 1100 | Private | KNOEFLER MELVIN L & JUDITH |
| 6N35E26D | 302 | Private | KNOEFLER MELVIN L & JUDITH E |
| 6N35E26D | 300 | Private | KNOEFLER MELVIN L ETAL |
| 6N35E26D | 1500 | Private | LEFORE DON R & MARILYN |
| 6N35E26D | 2703 | Private | LEFORE JACK N JR & CAROL |
| 6N35E26D | 2800 | Private | LEFORE JACK N JR & CAROL |
| 6N35E26D | 2900 | Private | LEFORE JACK N JR & CAROL |
| 6N35E26D | 2500 | Private | PARR ROBERT E |
| 6N35E26D | 200 | Private | RIVER ROCK VINEYARD, LLC |
| 6N35E26D | 2400 | Private | RIVER ROCK VINEYARD, LLC |
| 6N35E26D | 2501 | Private | RIVER ROCK VINEYARD, LLC |
| 6N35E26D | 2801 | Private | SANDBERG GLEN E & LINDA |
| 6N35E26D | 2601 | Private | SARTIN JODY D |
| 6N35E26D | 303 | Private | TISCARENO FORTUNATO & MARIA |
| 6N35E26D | 1300 | Private | VSQUARED VINEYARDS LLC |
| 6N35E26D | 1400 | Private | VSQUARED VINEYARDS LLC |
| 6N35E27A | 703 | Private | BRANDENBURG LORLYN & BUCK RENAE |
| 6N35E27A | 701 | Private | DAVIS DONALD M & LINDSAY B |
| 6N35E27A | 500 | Private | STADELMAN FRUIT LLC |
| 6N35E27A | 709 | Private | STADELMAN FRUIT LLC |
| 6N35E27A | 710 | Private | STADELMAN FRUIT LLC |
| 6N35E27B | 500 | Private | MCCOY RONALD D & DEANE A |
| 6N35E27B | 400 | Private | MORRIS THOMAS A & SHIRLEY J |
| 6N35E27B | 601 | Private | STADELMAN FRUIT LLC |
| 6N35E27B | 300 | Private | VONDERAHE MARGIE J (TRS) |
| 6N35E27B | 301 | Private | VONDERAHE MARGIE J (TRS) |
| 6N35E27C | 800 | Private | AICHELE ROY L & PATRICIA |
| 6N35E27C | 1100 | Private | BOYD REAL PROPERTY LLC |
| 6N35E27C | 1300 | Private | CAYUSE VINEYARDS LLC |
| 6N35E27C | 1400 | Private | CAYUSE WINERY LLC |
| 6N35E27C | 1200 | Private | DIONYSOS LLC |
| 6N35E27C | 100 | Private | HATLEY MICHAEL & LINDA |
| 6N35E27C | 900 | Private | TRUMBULL WAYNE M & CHARLOTTE J |
| 6N35E27C | 1000 | Private | TRUMBULL WAYNE M & CHARLOTTE J |
| 6N35E27C | 200 | Private | VON DERAHE ORCHARDS LLC |
| 6N35E27C | 300 | Private | VON DERAHE ORCHARDS LLC |
| 6N35E27C | 600 | Private | VON DERAHE ORCHARDS LLC (ETAL) |
| 6N35E27D | 600 | Private | APPLETON ROAD PROPERTIES INC |
| 6N35E27D | 1700 | Private | CASILLAS FERNANDO JUAN & SUSIE M |

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| 6N35E27D | 400 | Private | DAVIS ALAN & MELODY 1/2 DAVIS ROBERT L 1/2 |
| 6N35E27D | 100 | Private | DAVIS ALAN & MELODY ETAL |
| 6N35E27D | 502 | Private | DAVIS ALAN L & MELODY ETAL |
| 6N35E27D | 200 | Private | DAVIS TODD L |
| 6N35E27D | 300 | Private | DIAZ FAUSTO & CELIA |
| 6N35E27D | 501 | Private | FERGUSON F EILEEN |
| 6N35E27D | 2000 | Private | FUNK PROPERTIES LLC |
| 6N35E27D | 2001 | Private | FUNK PROPERTIES LLC |
| 6N35E27D | 1300 | Private | LEFORE RONALD A & DONA A |
| 6N35E27D | 500 | Private | LONG JANINE |
| 6N35E27D | 1501 | Private | SHELTON JUDY TASH |
| 6N35E27D | 1600 | Private | SHELTON JUDY TASH |
| 6N35E27D | 1500 | Private | SLOANE ERIC ET AL |
| 6N35E28 | 2603 | Private | ARNZEN KENNETH H & TRACY A |
| 6N35E28 | 2000 | Private | DL & JJ FARMS INC |
| 6N35E28 | 2601 | Private | GOOD MARLIN L |
| 6N35E28 | 1801 | Private | HANSEN DAVID A & DEBORAH K |
| 6N35E28 | 2500 | Private | MAINS M CLIFFORD |
| 6N35E28 | 2600 | Private | RICHWINE AMY |
| 6N35E28 | 2400 | Private | SLUSARENKO DONALD L & DEBRA J |
| 6N35E29 | 2300 | Private | BURLINGAME LAND&LIVESTOCK INC |
| 6N35E29 | 1900 | Private | SCHICHELTS TREE NURSERY LLC |
| 6N35E32 | 100 | Private | BURLINGAME LAND&LIVESTOCK INC |
| 6N35E33A | 501 | Private | DEEP ROOTS LLC |
| 6N35E33A | 600 | Private | KNOPF WADE D & YOLANDA |
| 6N35E33A | 801 | Private | PREMIERE PARTNERS 1V LIMITED PARTNERSHIP |
| 6N35E33A | 700 | Private | PREMIERE PARTNERS IV LMTD PARTNERSHIP |
| 6N35E33B | 301 | Private | A AND K ESTATES LLC |
| 6N35E33B | 403 | Private | A AND K ESTATES LLC |
| 6N35E33B | 500 | Private | CAPRI WALLA WALLA LLC |
| 6N35E33B | 400 | Private | COATES MARY A & ARCHIE D |
| 6N35E33B | 200 | Private | GRAND REVE VINEYARDS LLC |
| 6N35E33B | 600 | Private | JAMES L WALISER FAMILY LLC |
| 6N35E33B | 404 | Private | KLEIN EDWARD E & BEVERLY J |
| 6N35E33B | 300 | Private | KNOPF JESS R & JUDY E |
| 6N35E33B | 402 | Private | SHELL ROBERT R & TRISHA A |
| 6N35E33B | 408 | Private | UPPER COL CORP SDA |
| 6N35E33C | 500 | Private | DOUBLE CANYON VINEYARDS LLC |
| 6N35E33C | 500 | Private | DOUBLE CANYON VINEYARDS LLC |
| 6N35E33C | 500 | Private | DOUBLE CANYON VINEYARDS LLC |
| 6N35E33C | 500 | Private | DOUBLE CANYON VINEYARDS LLC |
| 6N35E33C | 200 | Private | FIRST GROWTH PROPERTIES LLC |
| 6N35E33C | 300 | Private | FIRST GROWTH PROPERTIES LLC |
| 6N35E33C | 300 | Private | FIRST GROWTH PROPERTIES LLC |
| 6N35E33C | 100 | Private | NARAVANE MAKRAND A & YASHODHAN A |
| 6N35E33C | 400 | Private | ROBERTSON FAMILY LLC |
| 6N35E33C | 900 | Private | ZERBA JOHN & ALICIA |

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| 6N35E33D | 200 | Private | KU'ULEI ORCHARDS LLC |
| 6N35E33D | 1302 | Private | NOREEN SHARON K |
| 6N35E33D | 500 | Private | ROLOFF FARMS INC |
| 6N35E33D | 1200 | Private | STADELMAN FRUIT LLC |
| 6N35E33D | 1300 | Private | STADELMAN FRUIT LLC |
| 6N35E33D | 1301 | Private | TSETSEKOU DOROTHEA & CHAKOS A |
| 6N35E33D | 900 | Private | ZERBA JOHN & ALICIA |
| 6N35E34A | 1200 | Private | BROWN JARED M & JAMIE L |
| 6N35E34A | 600 | Private | BROWN RONALD E & GRETCHEN |
| 6N35E34A | 700 | Private | CA MOUNTAIN LLC |
| 6N35E34A | 1600 | Private | CA MOUNTAIN LLC |
| 6N35E34A | 1600 | Private | CA MOUNTAIN LLC |
| 6N35E34A | 1600 | Private | CA MOUNTAIN LLC |
| 6N35E34A | 1600 | Private | CA MOUNTAIN LLC |
| 6N35E34A | 500 | Private | FEIGNER EVELYN & FEIGNER VIRGINIA |
| 6N35E34A | 1000 | Private | HINTON DAVID & LISA |
| 6N35E34A | 1700 | Private | KEZELE LAWRENCE J |
| 6N35E34A | 1500 | Private | MAINS CURTIS W & DEBORAH J |
| 6N35E34A | 1300 | Private | PETERSON GARY D |
| 6N35E34A | 1101 | Private | REESE JAMES A & GERALDINE |
| 6N35E34A | 800 | Private | SMITH WILLARD & BEVERLY |
| 6N35E34A | 1501 | Private | WALISER THOMAS J & DEBBIE |
| 6N35E34A | 1400 | Private | WEST & HENDRICKS LLC |
| 6N35E34A | 1400 | Private | WEST & HENDRICKS LLC |
| 6N35E34A | 1400 | Private | WEST & HENDRICKS LLC |
| 6N35E34A | 1400 | Private | WEST & HENDRICKS LLC |
| 6N35E34B | 2100 | Private | CARSON ROBIN D |
| 6N35E34B | 2200 | Private | GARCIA JENNIFER ELAINE |
| 6N35E34B | 100 | Private | REESE JAMES A & GERALDINE |
| 6N35E34B | 200 | Private | REESE JAMES A & GERALDINE |
| 6N35E34B | 800 | Private | REESE JAMES A & GERALDINE |
| 6N35E34B | 900 | Private | REESE JAMES A & GERALDINE & |
| 6N35E34B | 2300 | Private | REESE JAMES A & GERALDINE & |
| 6N35E34B | 700 | Private | RIEDEL ROBERT C & TINA L |
| 6N35E34C | 1800 | Public | UMATILLA COUNTY OF |
| 6N35E34C | 500 | Private | ANDREWS HOLDINGS LLC |
| 6N35E34C | 1890 | Private | BORCHERT JOHN I & DENISE M |
| 6N35E34C | 1000 | Private | BORDERLANDS PARTNERS LLC |
| 6N35E34C | 900 | Private | CAYUSE VINEYARDS LLC |
| 6N35E34C | 1400 | Private | CHRISTIAN NANCY R & ROY C |
| 6N35E34C | 1100 | Private | HUMBERT JACK M & SERITA L |
| 6N35E34C | 1500 | Private | MASON DENNIS C & SANDRA R |
| 6N35E34C | 300 | Private | PESCIALLO GARY |
| 6N35E34C | 1300 | Private | RODIN ALEXSANDR & TATYANA |
| 6N35E34C | 1001 | Private | ROTHROCK DONNA J |
| 6N35E34C | 1700 | Private | SAMS MARVIN H & BEVERLY P ET AL |
| 6N35E34C | 100 | Private | SASSER RONALD K & SUSAN E |

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| 6N35E34C | 700 | Private | SCHAAD WILLIAM E & REBECCA A |
| 6N35E34C | 200 | Private | WALISER H KENT |
| 6N35E34C | 1200 | Private | WALLA WALLA LAND COMPANY I LLC |
| 6N35E34C | 1600 | Private | WALLA WALLA LAND COMPANY I LLC |
| 6N35E34C | 800 | Private | ZEHR PAUL L & MARY A (TRS) |
| 6N35E34D | 700 | Private | BUCK ELIJAH RICHARD ET AL |
| 6N35E34D | 500 | Private | CA MOUNTAIN LLC |
| 6N35E34D | 900 | Private | GIBBONS JAMES S & KIMBERLEE R |
| 6N35E34D | 901 | Private | GIBBONS JAMES S & KIMBERLEE R |
| 6N35E34D | 902 | Private | GIBBONS JAMES S & KIMBERLEE R |
| 6N35E34D | 1500 | Private | LAMMERS LARRY R & ROBIN |
| 6N35E34D | 300 | Private | LENNOX WILLIAM C & GAIL Y |
| 6N35E34D | 400 | Private | SAMS DANIEL H (LE) & SAMS AMBER L |
| 6N35E34D | 100 | Private | SHELTON JUDITH K |
| 6N35E34D | 600 | Private | WALISER H KENT |
| 6N35E35A | 3601 | Public | MILTON-FREEWATER CITY OF |
| 6N35E35A | 3500 | Private | COOPER HEIDI A |
| 6N35E35A | 4500 | Private | GREEN RUSSELL C & ELLEN M |
| 6N35E35A | 600 | Private | HELENS ORCHARDS LLC |
| 6N35E35A | 3900 | Private | HELENS ORCHARDS LLC |
| 6N35E35A | 2200 | Private | HUMBERT DERRICK & MELISSA |
| 6N35E35A | 2900 | Private | KU'ULEI ORCHARDS LLC |
| 6N35E35A | 4000 | Private | KU'ULEI ORCHARDS LLC |
| 6N35E35A | 2700 | Private | MORRIS SUZANNE A |
| 6N35E35A | 300 | Private | MURPHY TYSON D & VALERIE A |
| 6N35E35A | 400 | Private | ROLOFF FARMS INC |
| 6N35E35A | 700 | Private | ROLOFF FARMS INC |
| 6N35E35A | 800 | Private | ROLOFF FARMS INC |
| 6N35E35A | 2600 | Private | ROLOFF FARMS INC |
| 6N35E35A | 3801 | Private | ROLOFF FARMS INC |
| 6N35E35A | 4100 | Private | ROLOFF FARMS INC |
| 6N35E35A | 4200 | Private | ROLOFF FARMS INC |
| 6N35E35A | 4300 | Private | ROLOFF FARMS INC |
| 6N35E35A | 4401 | Private | ROLOFF FARMS INC |
| 6N35E35A | 1701 | Private | ROLOFF FARMS INC ETAL |
| 6N35E35A | 3200 | Private | ROMERO AGEO R & EDELMIRA FLORES DE |
| 6N35E35A | 3000 | Private | SCUDDER GENE R & EILEEN K |
| 6N35E35A | 3605 | Private | SEWELL KATHRYN M ET AL |
| 6N35E35A | 100 | Private | SHAFFER TYLER A |
| 6N35E35A | 900 | Private | STILLER GERALD H & CAROL |
| 6N35E35A | 200 | Private | SWANSON MYRAN L & JANYCE L |
| 6N35E35A | 3101 | Private | SWIGER RONALD & SANDRA |
| 6N35E35A | 3501 | Private | TELLEFSON ALICE B & KEMBLE S |
| 6N35E35A | 3400 | Private | WALKER TERRY |
| 6N35E35B | 1400 | Private | BROWN LEONARD E & LESLIE Y |
| 6N35E35B | 1000 | Private | CA MOUNTAIN LLC |
| 6N35E35B | 1201 | Private | CA MOUNTAIN LLC |

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| 6N35E35B | 1201 | Private | CA MOUNTAIN LLC |
| 6N35E35B | 1201 | Private | CA MOUNTAIN LLC |
| 6N35E35B | 1201 | Private | CA MOUNTAIN LLC |
| 6N35E35B | 1300 | Private | CA MOUNTAIN LLC |
| 6N35E35B | 701 | Private | CAYUSE VINEYARDS LLC |
| 6N35E35B | 1900 | Private | COE DL (1/2) & JONES GE (1/2) |
| 6N35E35B | 2100 | Private | DESKIN JULIANNE ET AL |
| 6N35E35B | 800 | Private | DEWALT LARRY D |
| 6N35E35B | 2300 | Private | HANSEN DAVID A & DEBORAH |
| 6N35E35B | 2200 | Private | HOLADY KENNETH B & MCCARTY MARY A |
| 6N35E35B | 1700 | Private | KU'ULEI ORCHARDS LLC |
| 6N35E35B | 600 | Private | LEFORE RONALD A & DONA A |
| 6N35E35B | 102 | Private | LEIBBRAND EILEEN |
| 6N35E35B | 300 | Private | LEIBBRAND EILEEN |
| 6N35E35B | 400 | Private | LEIBBRAND EILEEN |
| 6N35E35B | 2000 | Private | LEIBBRAND EILEEN |
| 6N35E35B | 500 | Private | LEIBBRAND ROBERT W & EILEEN |
| 6N35E35B | 1100 | Private | NELSON ERIK W & CHANDORAH M |
| 6N35E35B | 1800 | Private | ROLOFF FARMS INC |
| 6N35E35B | 700 | Private | WELLS MAX DAVID & LINDA KAE (TRS) |
| 6N35E35C | 1280 | Private | BUTY NINA M |
| 6N35E35C | 2100 | Private | HARRISON JUSTIN JOSEPH |
| 6N35E35C | 900 | Private | JAMES L WALLISER FAMILY LLC |
| 6N35E35C | 300 | Private | KU'ULEI ORCHARDS LLC |
| 6N35E35C | 400 | Private | KU'ULEI ORCHARDS LLC |
| 6N35E35C | 2200 | Private | NEXT DEVELOPMENT GROUP LLC |
| 6N35E35C | 2200 | Private | NEXT DEVELOPMENT GROUP LLC |
| 6N35E35C | 2200 | Private | NEXT DEVELOPMENT GROUP LLC |
| 6N35E35C | 2200 | Private | NEXT DEVELOPMENT GROUP LLC |
| 6N35E35C | 200 | Private | REYNOLDS DAN J & DIANA L |
| 6N35E35C | 600 | Private | RODIGHIERO JAY R |
| 6N35E35C | 500 | Private | RODIGHIERO VERNON R |
| 6N35E35C | 1900 | Private | SAM LEFORE FRUIT FARMS INC |
| 6N35E35C | 1900 | Private | SAM LEFORE FRUIT FARMS INC |
| 6N35E35C | 1900 | Private | SAM LEFORE FRUIT FARMS INC |
| 6N35E35C | 1900 | Private | SAM LEFORE FRUIT FARMS INC |
| 6N35E35C | 700 | Private | WALISER JIM ORCHARDS INC |
| 6N35E35C | 800 | Private | WALISER JIM ORCHARDS INC |
| 6N35E35C | 1800 | Private | ZERBA CECIL |
| 6N35E35C | 1800 | Private | ZERBA CECIL |
| 6N35E35C | 1800 | Private | ZERBA CECIL |
| 6N35E35C | 1800 | Private | ZERBA CECIL |
| 6N35E35D | 401 | Private | BARNES CHARLES & JOANN |
| 6N35E35D | 400 | Private | BARNES CHARLES W |
| 6N35E35D | 3000 | Private | DODD RANDY & GAY L |
| 6N35E35D | 300 | Private | JONES HAROLD R |
| 6N35E35D | 500 | Private | KU'ULEI ORCHARDS LLC |

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| 6N35E35D | 200 | Private | LARSON WAYNE & DELORES |
| 6N35E35D | 700 | Private | MADER CLARENCE J & CINDY L |
| 6N35E35D | 600 | Private | MADER CLARENCE J & CYNTHIA L |
| 6N35E35D | 1300 | Private | RODIGHIERO MICHAEL A & TAMMY K |
| 6N35E35D | 1000 | Private | ROLOFF DONNA |
| 6N35E35D | 100 | Private | ROLOFF FARMS INC |
| 6N35E35D | 801 | Private | ROLOFF FARMS INC |
| 6N35E35D | 900 | Private | ROLOFF FARMS INC |
| 6N35E35D | 2900 | Private | ROLOFF FARMS INC |
| 6N35E35D | 2800 | Private | SHANNON DAVID S (TRS) & BONNIE (TRS) |
| 6N35E35D | 301 | Private | TINKER ROBERT H (EST) |
| 6N35E35D | 1400 | Private | WALKER TERRY M |
| 6N35E36A | 1401 | Public | SCHOOL DIST #31 |
| 6N35E36A | 1100 | Private | BRINK DIRK J & ESTHER A |
| 6N35E36A | 1101 | Private | BRINK DIRK J & ESTHER A |
| 6N35E36A | 1902 | Private | CARPER BARY & STACIE |
| 6N35E36A | 2600 | Private | CHANEY JOSEPH & PAMELA L |
| 6N35E36A | 1900 | Private | CHINN ELDON & JOYCE |
| 6N35E36A | 1901 | Private | CHINN ELDON & JOYCE |
| 6N35E36A | 500 | Private | CRITTENDEN TAVIS & MEGAN |
| 6N35E36A | 100 | Private | DUCHAM LEO J SR |
| 6N35E36A | 1000 | Private | DUKELOW CHRISTOPHER & TURLAY TOBY A |
| 6N35E36A | 300 | Private | FRANK JAMES D SR & LINDA S (TRS) |
| 6N35E36A | 800 | Private | FRATES CHARLES F |
| 6N35E36A | 2400 | Private | GOODWIN MARVIN W |
| 6N35E36A | 2500 | Private | GREEN THEODORIE J & CECILIA L |
| 6N35E36A | 2301 | Private | HARMON KURT D & MARIANN |
| 6N35E36A | 600 | Private | HUMBERT SAM E (TRS) ETAL |
| 6N35E36A | 1200 | Private | MILLER CHRISTOPHER V & DEANNA M |
| 6N35E36A | 1400 | Private | MORRIS DAVID M |
| 6N35E36A | 1700 | Private | OLIVER LARRY & WING-OLIVER BEVERLY ANN |
| 6N35E36A | 1500 | Private | OLIVER MIKEL F & BEVERLY A |
| 6N35E36A | 1800 | Private | ROBERTSON CHARLES JR ETAL |
| 6N35E36A | 900 | Private | SAM LEFORE FRUIT FARMS INC |
| 6N35E36A | 2000 | Private | STOCKER CINDY |
| 6N35E36A | 701 | Private | STOLZ MINEARD W (TRS) |
| 6N35E36A | 1600 | Private | WEBB ANNA JO |
| 6N35E36A | 200 | Private | WHITE SHAWN S & SUSAN A |
| 6N35E36B | 1100 | Private | ANDERON MIKE JON |
| 6N35E36B | 1200 | Private | ANDERON MIKE JON |
| 6N35E36B | 1200 | Private | J R ZUKIN CORP |
| 6N35E36B | 1701 | Private | KNIGHT RANDAL C & TERESA M |
| 6N35E36B | 900 | Private | KU'ULEI ORCHARDS LLC |
| 6N35E36B | 1800 | Private | MORRIS DAVID M |
| 6N35E36B | 701 | Private | ROLOFF FARMS INC |
| 6N35E36B | 800 | Private | ROLOFF FARMS INC |
| 6N35E36B | 1000 | Private | ROLOFF FARMS INC |

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| 6N35E36B | 1300 | Private | ROLOFF FARMS INC |
| 6N35E36B | 1900 | Private | WEISS BARRY L & LAURIE A |
| 6N35E36B | 500 | Private | WILLAMETTE VALLEY VINEYARDS |
| 6N35E36B | 600 | Private | WILLAMETTE VALLEY VINEYARDS |
| 6N35E36C | 2900 | Private | ALCALA JASMIN E & ROGELIO ALONSO |
| 6N35E36C | 100 | Private | CAMPBELL KATHERINE E |
| 6N35E36C | 1701 | Private | CAMPBELL KATHERINE E |
| 6N35E36C | 1201 | Private | CHURCH OF JESUS CHRIST LDS |
| 6N35E36C | 1200 | Private | DODIGHIERO LLC |
| 6N35E36C | 2100 | Private | ESZLER LANA D |
| 6N35E36C | 2800 | Private | KING HANNELORE M |
| 6N35E36C | 200 | Private | LEMSTROM ROGER W |
| 6N35E36C | 2500 | Private | NORTON SCOTT D & ROBYNNE L |
| 6N35E36C | 2803 | Private | PATTON JUDY |
| 6N35E36C | 900 | Private | RODIGHIERO VERNON R |
| 6N35E36C | 1000 | Private | RODIGHIERO VERNON R |
| 6N35E36C | 1100 | Private | RODIGHIERO VERNON R |
| 6N35E36C | 800 | Private | ROLOFF FARMS INC |
| 6N35E36C | 2600 | Private | SHIRLEY A GRISEL REVOCABLE LIVING TRUST |
| 6N35E36C | 1403 | Private | UPPER COLUMBIA MISSION SOC OF SDA CHURCH |
| 6N35E36D | 300 | Private | BIER PATRICIA |
| 6N35E36D | 1000 | Private | BRUMBACH TOM & CINDY L |
| 6N35E36D | 800 | Private | HARSHFIELD JOHN & PAULINE |
| 6N35E36D | 800 | Private | HARSHFIELD JOHN BN |
| 6N35E36D | 1301 | Private | HAYES RONALD C & KAREN G |
| 6N35E36D | 200 | Private | HEAFY CHERYL & MARK |
| 6N35E36D | 900 | Private | LEFORE SAM JR |
| 6N35E36D | 100 | Private | LEFORE SAM JR & DONNA (TRS) |
| 6N35E36D | 400 | Private | PROPECK KENNETH S & JANICE L |
| 6N35E36D | 1302 | Private | SALYER DONNA L |
| 6N35E36D | 1002 | Private | SAM LEFORE FRUIT FARMS INC |
| 6N35E36D | 1400 | Private | SAM LEFORE FRUIT FARMS INC |
| 6N35E36D | 1400 | Private | SAM LEFORE FRUIT FARMS INC |
| 6N35E36D | 1400 | Private | SAM LEFORE FRUIT FARMS INC |
| 6N35E36D | 1400 | Private | SAM LEFORE FRUIT FARMS INC |
| 6N35E36D | 1500 | Private | SCHMIDT LIMITED PARTNERSHIP |
| 6N35E36D | 500 | Private | STOLZ MINEARD W (TRS) |

Attachment 6 - Water rights

| Water Right Number | Type | Tax Map or Lot IDs within the Place of Use |
|---------------------------|-------------|---|
| 92400 | Certificate | 6N35E26NESW |
| 92401 | Certificate | 6N35E35SWNE |
| 92404 | Certificate | 6N35E26SWNW |
| 92406 | Certificate | 6N35E26SWSE |
| 92407 | Certificate | 6N35E26SWNE |
| 92408 | Certificate | 6N35E35SWSE |
| 92409 | Certificate | 6N35E35SWSE |
| 92410 | Certificate | 6N35E35SWSE |
| 92411 | Certificate | 6N35E26NWSE |
| 92413 | Certificate | 6N35E35NESE |
| 92414 | Certificate | 6N35E35SWNE |
| 92415 | Certificate | 6N35E35NWSE |
| 92417 | Certificate | 6N35E26NWNE |
| 92418 | Certificate | 6N35E26SWSW |
| 92419 | Certificate | 6N35E26SENE |
| 92420 | Certificate | 6N35E27SESE |
| 92421 | Certificate | 6N35E26SWNE |
| 92421 | Certificate | 6N35E35SENE |
| 92422 | Certificate | 6N35E34NWNE |
| 92423 | Certificate | 6N35E35SESE |
| 92424 | Certificate | 6N35E26NWSW |
| 92424 | Certificate | 6N35E26SENE |
| 92424 | Certificate | 6N35E26SWNW |
| 92424 | Certificate | 6N35E26SWSW |
| 92425 | Certificate | 6N35E26NWSE |
| 92426 | Certificate | 6N35E26NWSE |
| 92427 | Certificate | 6N35E26NESW |
| 92428 | Certificate | 6N35E27NESE |
| 92431 | Certificate | 6N35E35NWNE |
| 92432 | Certificate | 6N35E26SWSE |
| 92433 | Certificate | 6N35E26SWNE |
| 92434 | Certificate | 6N35E26NESW |
| 92435 | Certificate | 6N35E35NWNW |
| 92436 | Certificate | 6N35E35SWNE |
| 92437 | Certificate | 6N35E35SWSE |
| 92438 | Certificate | 6N35E26SWNE |
| 92439 | Certificate | 6N35E35SENE |
| 92441 | Certificate | 6N35E26SWNE |
| 92442 | Certificate | 6N35E27NESE |
| 92444 | Certificate | 6N35E35SWSE |
| 92445 | Certificate | 6N35E26NWSE |
| 92446 | Certificate | 6N35E35SWNW |
| 92447 | Certificate | 6N35E26SESE |
| 92448 | Certificate | 6N35E27NESE |
| 92449 | Certificate | 5N35E2NENE |
| 92450 | Certificate | 6N35E27SESE |

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| 92451 | Certificate | 6N35E26NWSE |
| 92452 | Certificate | 6N35E26SENE |
| 92453 | Certificate | 6N35E27SENE |
| 92454 | Certificate | 6N35E35SWNE |
| 92454 | Certificate | 6N35E35SWNW |
| 92455 | Certificate | 6N35E35SWSE |
| 92456 | Certificate | 6N35E35SWNE |
| 92457 | Certificate | 6N35E35NENE |
| 92458 | Certificate | 6N35E36SWNW |
| 92459 | Certificate | 6N35E35NWNE |
| 92460 | Certificate | 6N35E26SESE |
| 92461 | Certificate | 6N35E35SWSE |
| 92462 | Certificate | 6N35E35NESE |
| 92463 | Certificate | 6N35E26SWSE |
| 92463 | Certificate | 6N35E35NENE |
| 92463 | Certificate | 6N35E35SENE |
| 92464 | Certificate | 6N35E27SESE |
| 92465 | Certificate | 6N35E35SWSE |
| 92466 | Certificate | 6N35E26SWNE |
| 92467 | Certificate | 6N35E26SESE |
| 92468 | Certificate | 6N35E26SWNE |
| 92469 | Certificate | 6N35E35SESE |
| 92470 | Certificate | 6N35E27NESE |
| 92471 | Certificate | 6N35E35SENE |
| 92472 | Certificate | 6N35E26SENE |
| 92474 | Certificate | 6N35E35NENW |
| 92475 | Certificate | 6N35E26SENE |
| 92477 | Certificate | 6N35E26SENE |
| 92478 | Certificate | 6N35E26SWSW |
| 92479 | Certificate | 6N35E35SWNE |
| 92480 | Certificate | 6N35E26SESW |
| 92480 | Certificate | 6N35E35NESE |
| 92480 | Certificate | 6N35E35NESW |
| 92480 | Certificate | 6N35E35SENE |
| 92480 | Certificate | 6N35E35SENE |
| 92480 | Certificate | 6N35E35SWNE |
| 92480 | Certificate | 6N35E36SWNW |
| 92482 | Certificate | 6N35E26SWNE |
| 92483 | Certificate | 6N35E26SWNE |
| 92484 | Certificate | 6N35E26NWNE |
| 92485 | Certificate | 6N35E34SENE |
| 92487 | Certificate | 6N35E26SWNE |
| 92488 | Certificate | 6N35E35SWSE |
| 92490 | Certificate | 6N35E26NWSW |
| 92491 | Certificate | 6N35E27NESW |
| 92492 | Certificate | 6N35E26NWSE |
| 92493 | Certificate | 6N35E35NENE |

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| 92494 | Certificate | 6N35E35NWNW |
| 92495 | Certificate | 6N35E26NWSE |
| 92496 | Certificate | 6N35E26NWSE |
| 92497 | Certificate | 6N35E35NENE |
| 92498 | Certificate | 6N35E36NWNW |
| 92499 | Certificate | 6N35E27SENE |
| 92500 | Certificate | 6N35E26SWNE |
| 92501 | Certificate | 6N35E35NWSE |
| 92502 | Certificate | 6N35E27SWNE |
| 92503 | Certificate | 6N35E26NENW |
| 92504 | Certificate | 6N35E35SWSE |
| 92505 | Certificate | 6N35E26SWNE |
| 92506 | Certificate | 6N35E26SESW |
| 92507 | Certificate | 6N35E35SWSE |
| 92508 | Certificate | 6N35E26NESW |
| 92509 | Certificate | 6N35E26NESW |
| 92510 | Certificate | 6N35E26SESE |
| 92511 | Certificate | 6N35E35SWSE |
| 92512 | Certificate | 6N35E26SESE |
| 92513 | Certificate | 6N35E35NESE |
| 92514 | Certificate | 6N35E35NENW |
| 92515 | Certificate | 6N35E34NENW |
| 92516 | Certificate | 6N35E35SWNE |
| 92518 | Certificate | 6N35E35NENE |
| 92518 | Certificate | 6N35E35NESE |
| 92518 | Certificate | 6N35E35NWNE |
| 92518 | Certificate | 6N35E35NWSE |
| 92518 | Certificate | 6N35E35SENE |
| 92518 | Certificate | 6N35E35SENW |
| 92518 | Certificate | 6N35E35SESE |
| 92518 | Certificate | 6N35E36NWSW |
| 92518 | Certificate | 6N35E36SWNW |
| 92519 | Certificate | 6N35E35NWNE |
| 92520 | Certificate | 6N35E26SWNE |
| 92521 | Certificate | 6N35E26SWSW |
| 92522 | Certificate | 6N35E26SESE |
| 92524 | Certificate | 6N35E35SWSE |
| 92525 | Certificate | 6N35E35SESE |
| 92526 | Certificate | 6N35E35SENE |
| 92527 | Certificate | 6N35E35SWSE |
| 92529 | Certificate | 6N35E26SWNE |
| 92530 | Certificate | 6N35E26NWSW |
| 92530 | Certificate | 6N35E27SENE |
| 92530 | Certificate | 6N35E27SENW |
| 92530 | Certificate | 6N35E27SWNE |
| 92531 | Certificate | 6N35E26NWSW |
| 92532 | Certificate | 6N35E26SENE |

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| 92533 | Certificate | 6N35E35SWNE |
| 92534 | Certificate | 6N35E35SWNE |
| 92535 | Certificate | 6N35E26NESW |
| 92536 | Certificate | 6N35E35NWSE |
| 92537 | Certificate | 6N35E35SESW |
| 92539 | Certificate | 6N35E36SWSW |
| 92541 | Certificate | 6N35E26SENE |
| 92542 | Certificate | 5N35E2NENE |
| 92543 | Certificate | 6N35E26NWSE |
| 92544 | Certificate | 6N35E35NESE |
| 92545 | Certificate | 6N35E34NWNE |
| 92546 | Certificate | 6N35E35SWSE |
| 92547 | Certificate | 6N35E35SWSE |
| 92549 | Certificate | 6N35E33NENW |
| 92549 | Certificate | 6N35E33NWNW |
| 92550 | Certificate | 6N35E34SESW |
| 92552 | Certificate | 6N35E26SWSE |
| 92553 | Certificate | 6N35E34SESW |
| 92558 | Certificate | 6N35E33SWNW |
| 92560 | Certificate | 6N35E36SWSW |
| 92561 | Certificate | 6N35E26NENE |
| 92563 | Certificate | 6N35E26NESE |
| 92565 | Certificate | 6N35E27SESE |
| 92568 | Certificate | 6N35E26NENE |
| 92572 | Certificate | 6N35E35NWNW |
| 92576 | Certificate | 6N35E34NWSW |
| 92576 | Certificate | 6N35E34SWSW |
| 92577 | Certificate | 6N35E34SENE |
| 92578 | Certificate | 6N35E34SENE |
| 92582 | Certificate | 6N35E29SESE |
| 92582 | Certificate | 6N35E32NENE |
| 92584 | Certificate | 6N35E33NWNW |
| 92588 | Certificate | 6N35E33NESW |
| 92590 | Certificate | 6N35E34SWNE |
| 92592 | Certificate | 6N35E27SESW |
| 92593 | Certificate | 6N35E27SESE |
| 92597 | Certificate | 6N35E34NWNE |
| 92598 | Certificate | 6N35E34NENW |
| 92600 | Certificate | 6N35E34NENW |
| 92600 | Certificate | 6N35E34SENW |
| 92601 | Certificate | 6N35E34NENW |
| 92601 | Certificate | 6N35E34SENW |
| 92602 | Certificate | 6N35E34SWSE |
| 92603 | Certificate | 6N35E34SWSE |
| 92605 | Certificate | 6N35E34NWSE |
| 92608 | Certificate | 6N35E33NENW |
| 92611 | Certificate | 6N35E25NWSW |

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| 92612 | Certificate | 6N35E27SESE |
| 92616 | Certificate | 6N35E25SWNW |
| 92616 | Certificate | 6N35E26SENE |
| 92620 | Certificate | 6N35E34NWSE |
| 92621 | Certificate | 6N35E34SWNE |
| 92624 | Certificate | 6N35E27SESE |
| 92626 | Certificate | 6N35E25SWNW |
| 92629 | Certificate | 6N35E36NWNW |
| 92631 | Certificate | 6N35E27NWSW |
| 92632 | Certificate | 6N35E27NESW |
| 92633 | Certificate | 6N35E27NWSW |
| 92634 | Certificate | 6N35E27NWSW |
| 92635 | Certificate | 6N35E27NWNW |
| 92635 | Certificate | 6N35E27SWNW |
| 92636 | Certificate | 6N35E27SWNW |
| 92640 | Certificate | 5N35E3NENW |
| 92640 | Certificate | 6N35E34SESW |
| 92642 | Certificate | 6N35E33NWNW |
| 92645 | Certificate | 6N35E34NWSW |
| 92646 | Certificate | 6N35E33NESW |
| 92651 | Certificate | 6N35E26NESE |
| 92654 | Certificate | 6N35E34NENW |
| 92656 | Certificate | 6N35E34SENW |
| 92657 | Certificate | 6N35E33NWNW |
| 92660 | Certificate | 6N35E25SWSW |
| 92662 | Certificate | 6N35E33NESE |
| 92662 | Certificate | 6N35E33NWSE |
| 92662 | Certificate | 6N35E36SWNW |
| 92663 | Certificate | 6N35E27SWNW |
| 92664 | Certificate | 6N35E34NESW |
| 92665 | Certificate | 6N35E34SESW |
| 92667 | Certificate | 6N35E27SESE |
| 92667 | Certificate | 6N35E35SESW |
| 92668 | Certificate | 6N35E26SWSW |
| 92672 | Certificate | 6N35E33NENW |
| 92675 | Certificate | 6N35E27SWNW |
| 92676 | Certificate | 6N35E34SENE |
| 92678 | Certificate | 6N35E28SESW |
| 92678 | Certificate | 6N35E33NWNW |
| 92679 | Certificate | 6N35E26NENE |
| 92680 | Certificate | 6N35E27NWSW |
| 92680 | Certificate | 6N35E27SWNW |
| 92681 | Certificate | 6N35E27NESW |
| 92682 | Certificate | 6N35E27NESW |
| 92684 | Certificate | 6N35E33NWNE |
| 92684 | Certificate | 6N35E33SWNW |
| 92690 | Certificate | 6N35E26SWNW |

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| 92691 | Certificate | 6N35E26SENW |
| 92692 | Certificate | 6N35E26SWNW |
| 92693 | Certificate | 6N35E26SWSE |
| 92694 | Certificate | 6N35E26SWNE |
| 92696 | Certificate | 6N35E35SWSE |
| 92697 | Certificate | 6N35E26NWSE |
| 92698 | Certificate | 6N35E34NENE |
| 92699 | Certificate | 6N35E35SWSE |
| 92702 | Certificate | 6N35E26NWNE |
| 92703 | Certificate | 6N35E26SENE |
| 92704 | Certificate | 6N35E26SWNE |
| 92705 | Certificate | 6N35E34NWNE |
| 92707 | Certificate | 6N35E26NWSW |
| 92708 | Certificate | 6N35E26NWSE |
| 92709 | Certificate | 6N35E26NWSE |
| 92710 | Certificate | 6N35E26NESW |
| 92711 | Certificate | 6N35E35SWSE |
| 92712 | Certificate | 6N35E26SWNE |
| 92713 | Certificate | 6N35E26NESW |
| 92714 | Certificate | 6N35E35SWNE |
| 92715 | Certificate | 6N35E26SWNE |
| 92717 | Certificate | 6N35E35SWSE |
| 92718 | Certificate | 6N35E26NWSE |
| 92719 | Certificate | 6N35E33NESW |
| 92720 | Certificate | 6N35E26NWSE |
| 92721 | Certificate | 6N35E35SWSE |
| 92722 | Certificate | 6N35E35SWNE |
| 92723 | Certificate | 6N35E35SESE |
| 92724 | Certificate | 6N35E35SWNE |
| 92725 | Certificate | 6N35E36SWNW |
| 92726 | Certificate | 6N35E35NWNE |
| 92727 | Certificate | 6N35E35SWSE |
| 92728 | Certificate | 6N35E26SWNE |
| 92729 | Certificate | 6N35E35SESE |
| 92732 | Certificate | 6N35E35NENW |
| 92733 | Certificate | 6N35E35SWSE |
| 92734 | Certificate | 6N35E35NESW |
| 92735 | Certificate | 6N35E26SWNE |
| 92736 | Certificate | 6N35E26SWNE |
| 92737 | Certificate | 6N35E26NWNE |
| 92738 | Certificate | 6N35E35SWSE |
| 92739 | Certificate | 6N35E26SWNE |
| 92740 | Certificate | 6N35E35SWSE |
| 92741 | Certificate | 6N35E35SWSE |
| 92742 | Certificate | 6N35E26NWSE |
| 92743 | Certificate | 6N35E26NWSE |
| 92744 | Certificate | 6N35E26NWSE |

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| 92745 | Certificate | 6N35E26NWSE |
| 92747 | Certificate | 6N35E35SWSE |
| 92748 | Certificate | 6N35E36NWNW |
| 92749 | Certificate | 6N35E26SWNE |
| 92750 | Certificate | 6N35E35NWSE |
| 92751 | Certificate | 6N35E27SWNE |
| 92752 | Certificate | 6N35E35SWSE |
| 92753 | Certificate | 6N35E26SWNE |
| 92754 | Certificate | 6N35E35SWSE |
| 92755 | Certificate | 6N35E26NESW |
| 92756 | Certificate | 6N35E26SWNW |
| 92757 | Certificate | 6N35E35NESE |
| 92757 | Certificate | 6N35E36SWNW |
| 92758 | Certificate | 6N35E35NWNE |
| 92759 | Certificate | 6N35E35NWNE |
| 92760 | Certificate | 6N35E26SWNE |
| 92761 | Certificate | 6N35E34NENE |
| 92762 | Certificate | 6N35E35SWSE |
| 92763 | Certificate | 6N35E35SENE |
| 92764 | Certificate | 6N35E27SENE |
| 92764 | Certificate | 6N35E27SENW |
| 92765 | Certificate | 6N35E26NWSW |
| 92766 | Certificate | 6N35E35SWNE |
| 92767 | Certificate | 6N35E27SENW |
| 92768 | Certificate | 6N35E35NWSE |
| 92769 | Certificate | 6N35E27SWNE |
| 92770 | Certificate | 6N35E35SWSE |
| 92771 | Certificate | 6N35E36SWSW |
| 92772 | Certificate | 6N35E35NWSE |
| 92773 | Certificate | 6N35E26NWSE |
| 92774 | Certificate | 6N35E35SWSE |
| 92775 | Certificate | 6N35E33NWNW |
| 92777 | Certificate | 6N35E36NWSW |
| 92778 | Certificate | 6N35E26SENW |
| 92779 | Certificate | 6N35E34SESW |
| 92780 | Certificate | 6N35E28SESW |
| 92782 | Certificate | 6N35E28SESE |
| 92787 | Certificate | 6N35E34SENW |
| 92788 | Certificate | 6N35E33SWNW |
| 92790 | Certificate | 6N35E27SESW |
| 92792 | Certificate | 6N35E35SWSE |
| 92794 | Certificate | 6N35E26NENE |
| 92799 | Certificate | 6N35E27SESE |
| 92800 | Certificate | 6N35E26NENW |
| 92804 | Certificate | 6N35E26SENW |
| 92804 | Certificate | 6N35E26SWNW |
| 92807 | Certificate | 6N35E35NWNW |

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| 92808 | Certificate | 6N35E35SWSE |
| 92811 | Certificate | 6N35E28SESE |
| 92812 | Certificate | 6N35E35SWNE |
| 92814 | Certificate | 6N35E33NWNW |
| 92815 | Certificate | 6N35E35SWSE |
| 92819 | Certificate | 6N35E33NESW |
| 92821 | Certificate | 6N35E35SWSE |
| 92822 | Certificate | 6N35E34SWNE |
| 92823 | Certificate | 6N35E34SWNE |
| 92824 | Certificate | 6N35E27SESW |
| 92825 | Certificate | 6N35E36NWSW |
| 92827 | Certificate | 6N35E26SWSE |
| 92831 | Certificate | 6N35E26SESE |
| 92832 | Certificate | 6N35E34NENW |
| 92838 | Certificate | 6N35E34NENW |
| 92838 | Certificate | 6N35E34SENW |
| 92842 | Certificate | 6N35E34NWNW |
| 92843 | Certificate | 6N35E34SENW |
| 92844 | Certificate | 6N35E34NWSE |
| 92846 | Certificate | 6N35E33NENW |
| 92848 | Certificate | 6N35E25NWSW |
| 92852 | Certificate | 6N35E35SWSE |
| 92854 | Certificate | 6N35E34NESE |
| 92856 | Certificate | 6N35E25SWNW |
| 92859 | Certificate | 6N35E27SWNW |
| 92862 | Certificate | 6N35E34NWSE |
| 92864 | Certificate | 6N35E35SWSE |
| 92866 | Certificate | 6N35E36NWNW |
| 92869 | Certificate | 6N35E27NWSW |
| 92870 | Certificate | 6N35E35SWSE |
| 92871 | Certificate | 6N35E27NWNW |
| 92872 | Certificate | 6N35E27SWNW |
| 92874 | Certificate | 6N35E27NWNW |
| 92877 | Certificate | 5N35E3NENW |
| 92877 | Certificate | 6N35E34SESW |
| 92879 | Certificate | 5N35E3NENW |
| 92880 | Certificate | 6N35E27NWSW |
| 92881 | Certificate | 6N35E35SWSE |
| 92882 | Certificate | 5N35E3NENW |
| 92883 | Certificate | 6N35E34SESW |
| 92884 | Certificate | 6N35E34SESW |
| 92885 | Certificate | 6N35E35SWSE |
| 92886 | Certificate | 6N35E26NENW |
| 92888 | Certificate | 6N35E33NESE |
| 92888 | Certificate | 6N35E34NESW |
| 92888 | Certificate | 6N35E34SESW |
| 92889 | Certificate | 6N35E33NWSW |

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| 92889 | Certificate | 6N35E33SWNE |
| 92890 | Certificate | 6N35E35SWSE |
| 92892 | Certificate | 6N35E26NENE |
| 92894 | Certificate | 6N35E34SENW |
| 92895 | Certificate | 6N35E33NWNW |
| 92899 | Certificate | 6N35E36SWNW |
| 92900 | Certificate | 6N35E25SWSW |
| 92903 | Certificate | 6N35E27SWNW |
| 92904 | Certificate | 6N35E35SWSE |
| 92905 | Certificate | 6N35E26SWSW |
| 92906 | Certificate | 6N35E27SWSW |
| 92906 | Certificate | 6N35E28SWSW |
| 92909 | Certificate | 6N35E26NENE |
| 92911 | Certificate | 6N35E33NENW |
| 92914 | Certificate | 6N35E35SWSE |
| 92915 | Certificate | 6N35E26SWSE |
| 92916 | Certificate | 6N35E28SESW |
| 92916 | Certificate | 6N35E33NWNW |
| 92918 | Certificate | 6N35E26NENE |
| 92919 | Certificate | 6N35E27NWSW |
| 92920 | Certificate | 6N35E27NWSW |
| 92920 | Certificate | 6N35E27SWNW |
| 92921 | Certificate | 6N35E33NWNE |
| 92923 | Certificate | 6N35E28SESW |
| 92923 | Certificate | 6N35E34NESW |
| 92923 | Certificate | 6N35E34SESW |
| 92987 | Certificate | 6N35E34SESW |
| 93105 | Certificate | 6N35E33NESW |
| 93105 | Certificate | 6N35E33SESW |
| 93903 | Certificate | 6N35E35NESW |
| 93904 | Certificate | 6N35E35NENW |
| 93905 | Certificate | 6N35E35NENW |
| 93920 | Certificate | 6N35E34NESE |
| 93949 | Certificate | 6N35E26SENW |
| 93949 | Certificate | 6N35E26SWNW |
| 93972 | Certificate | 6N35E35SWNE |
| 93975 | Certificate | 5N35E3NENW |
| 93975 | Certificate | 6N35E34SESW |
| 93977 | Certificate | 6N35E35NWSW |
| 90634 | Certificate | 6N3536A01800 |
| 90651 | Certificate | 6N3535A03500 |
| 90650 | Certificate | 6N3536C00200 |
| 90644 | Certificate | 6N3536D00800 |
| 90636 | Certificate | 6N3536000200 |
| 86271 | Certificate | 6N3536D00300 |
| 90646 | Certificate | 6N3536D00400 |
| 90648 | Certificate | 6N3536002900 |

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| 90659 | Certificate | 6N3536D01000 |
| 90660 | Certificate | 6N3536000900 |
| 90632 | Certificate | 6N3536B01900 |
| 90654 | Certificate | 6N3536C0100/1701 |
| 86263 | Certificate | 6N3536A00100 |
| 90637 | Certificate | 6N3536B01800 |
| 94251 | Certificate | 6N3536D00100 |
| 94250 | Certificate | 6N3536D00100 |
| 90642 | Certificate | 6N3536A00300 |
| 90643 | Certificate | 6N3535D00200 |
| 88103 | Certificate | 6N3536C02100 |
| 90639 | Certificate | 6N3536A1900/1901 |
| 90638 | Certificate | 6N3536A1100/1101 |
| 90641 | Certificate | 6N3536A01700 |
| 90647 | Certificate | 6N3536A01500 |
| 90645 | Certificate | 6N3536C02803 |
| 90658 | Certificate | 6N3525D00900 |
| 90631 | Certificate | 6N3536000800 |
| 90640 | Certificate | 6N3525D00902 |
| 89956 | Certificate | 6N3536D01500 |
| 89956 | Certificate | 5N3510000100 |
| 90633 | Certificate | 6N3536A01902 |
| 86267 | Certificate | 6N3536A01401 |
| 90652 | Certificate | 6N3536A00701 |
| 90652 | Certificate | 6N3536D00500 |
| 90657 | Certificate | 6N3536A01000 |
| 90655 | Certificate | 6N3536A00200 |
| 90653 | Certificate | 6N3536C02500 |
| 90656 | Certificate | 6N3536002600 |
| 90635 | Certificate | 6N3536A01600 |
| 86272 | Certificate | 6N3536B01701 |
| 86894 | Certificate | 5N35E02000300 |
| 92923 | Certificate | 5N35E02000200 |
| 91640 | Certificate | 5N35E2BA00705 |
| 91617 | Certificate | 5N35E03001100 |
| 91625 | Certificate | 5N35E3A000400 |
| 86973 | Certificate | 6N35E33D01301 |
| 91626 | Certificate | 6N35E33D01200 |
| 91618 | Certificate | 5N35E03001101 |
| 86914 | Certificate | 5N35E2DB6700/6800 |
| 91608 | Certificate | 5N35E3A001800 |
| 91608 | Certificate | 5N35E03001300 |
| 91602 | Certificate | 5N35E2AC01200 |
| 91616 | Certificate | 5N35E2DB06303 |
| 86917 | Certificate | 5N35E03001700 |
| 91632 | Certificate | 6N35E34D00700 |
| 91635 | Certificate | 6N35E34D00900 |

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| 92923 | Certificate | 6N35E34C01000 |
| 86949 | Certificate | 5N35E02001300 |
| 91613 | Certificate | 5N35E3A002700 |
| 86945 | Certificate | 6N35E33D01302 |
| 91600 | Certificate | 5N35E02000900 |
| 91638 | Certificate | 6N35E34D01500 |
| 91622 | Certificate | 5N35E3A000300 |
| 92640 | Certificate | 5N35E3A000700 |
| 91639 | Certificate | 6N35E34C01200 |
| 91601 | Certificate | 6N35E34C01600 |
| 86942 | Certificate | 6N35E34C01100 |
| 87624 | Certificate | 5N35E2DB6000/6100/6 |
| 91606 | Certificate | 6N35E26A00500 |
| 91643 | Certificate | 5N35E3A001100 |
| 91633 | Certificate | 5N35E3A000900 |
| 91623 | Certificate | 5N35E3A000100 |
| 91609 | Certificate | 5N352BD000902 |
| 91637 | Certificate | 5N35E2BA00500 |
| 90855 | Certificate | 5N35E03003002 |
| 86941 | Certificate | 5N35E3A002200 |
| 86925 | Certificate | 5N35E2DB06101 |
| 86922 | Certificate | 5N35E02000700 |
| 86952 | Certificate | 6N35E33D00200 |
| 91611 | Certificate | 5N35E3A002300 |
| 91511 | Certificate | 5N35E03001400 |
| 91636 | Certificate | 5N35E3A000600 |
| 91628 | Certificate | 6N35E34C00200 |
| 91599 | Certificate | 5N35E3A001700 |
| 91615 | Certificate | 5N35E3A001600 |
| 91629 | Certificate | 5N35E2BA00200 |
| 86928 | Certificate | 5N35E02000800 |
| 91624 | Certificate | 5N35E2BA00103 |
| 86911 | Certificate | 6N35E33D00900 |
| 91630 | Certificate | 5N35E2BA00600 |
| 91627 | Certificate | 5N35E2Ba00700 |
| 91626 | Certificate | 6N35E33D01300 |
| 91608 | Certificate | 5N35E3A001900 |
| 91608 | Certificate | 5N35E3A002000 |