

700
20A+500
5,3AF 6
1206



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301-1271
(503) 986-0900
www.wrd.state.or.us

Application for a Permit to Store Water in a Reservoir (Standard Review)

Standard Review Process (ORS 537): You must use this form for any reservoir storing more than 9.2 acre-feet and with a dam more than 10 feet high.

Use a separate form for each reservoir. However, to obtain authorization for multiple reservoirs, multiple forms may be combined into one application if filed at the same time.

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. A summary of review criteria and procedures that are generally applicable to these applications is available at www.wrd.state.or.us/OWRD/PUBS/forms.shtml

1. APPLICANT INFORMATION

Applicant: Gerald or Heather Freeman
First Last

Mailing Address: 2680 North Oak Grove Road

Rickreall Oregon 97371
City State Zip

Phone: 503-588-1142 503-932-5417 cell
Home Work Other

*Fax: _____ *E-Mail Address: jerryheather@aol.com

I(We) make application for a permit to construct a reservoir and store the following described waters of the State of Oregon. The name of the reservoir is Oak Grove Reservoir.

2. SOURCE OF WATER for the proposed use: Surface Run-off,
a tributary of Goodwin Branch.

Is the proposed use an enlargement of an existing dam/reservoir? Yes No

If the reservoir is not in channel of a stream, state how it is to be filled:

RECEIVED
MAR 08 2012
WATER RESOURCES DEPT
SALEM, OREGON

For Department Use		
App. No. <u>R-87786</u>	Permit No. _____	Date _____

3. DAM HEIGHT AND COMPOSITION

The maximum height of the structure will be 16.3 feet above streambed or ground surface at the centerline of the crest of the dam.

Note: If your dam height is greater than or equal to 10.0' above land surface AND your reservoir will store equal to or greater than 9.2 acre-feet, engineered plans and specifications must be approved prior to storage of water.

The dam will be (check one): Earthfill Concrete Flash board Other

If "other" give description:

4. PRIMARY OUTLET WORKS

Describe the location and the dimensions of the outlet conduit through the dam:

No outlet conduit is proposed. Consultation with WRD Dam Safety Engineer and Watermaster completed. Drainage Basin is 16.58 acres. An evacuation pump will be maintained on-site for emergency purposes.

NOTE: Most dams across a natural stream channel will need an outlet conduit having a minimum diameter of 8 inches or greater.

5. EMERGENCY SPILLWAY

Describe the location and the dimensions of the spillway channel:

Two 12-inch diameter pipes at the southwest corner of the pool which will discharge to the roadside ditch.

6. THE USE(s) of the impounded water will be:

Irrigation

R-87706

Storage Water/2

RECEIVED
MAR 08 2012
WATER RESOURCES DEPT
SALEM, OREGON

7. THE AMOUNT OF WATER to be stored is: 25.3 acre-feet.
The area submerged by the reservoir, when filled, will be 3.14 acres.

8. PROJECT SCHEDULE: (List Month and Year)

Proposed date construction work will begin: permit date + 1 year

Proposed date construction work will be completed: permit date + 2 years

Proposed date water use will be completed: permit date + 5 years

Is this project fully or partially funded by the American Recovery and Reinvestment Act? (Federal stimulus dollars) Yes No

9. PROPERTY OWNERSHIP

Do you own all the land where you propose to divert, transport, and use water?

Yes (Please check appropriate box below then skip to section 10)

There are no encumbrances

This land is encumbered by easements, rights of way, roads or other encumbrances (please provide a copy of the recorded deed(s))

No (Please check the appropriate box below)

I have a recorded easement or written authorization permitting access.

I do not currently have written authorization or an easement permitting access.

Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).

You must provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map.

List the names and mailing addresses of all affected landowners:

RECEIVED
MAR 08 2012
WATER RESOURCES DEPT
SALEM, OREGON

* Attach additional sheet(s) if necessary.

10. MAP REQUIREMENTS The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section and quarter/quarter section of the proposed reservoir location and place of use. The map must provide tax lot numbers. See the map guidelines sheet for detailed map specifications.

Land Use Information Form



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

Applicant(s): Gerald or Heather Freeman

Mailing Address: 2680 North Oak Grove Road

City: Rickreall State: Oregon Zip Code: 97371 Daytime Phone: 503-932-5417

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
<u>7S</u>	<u>4W</u>	<u>10</u>	<u>SW-SW</u>	<u>604</u>	<u>AG/EFU</u>	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	<u>Reservoir</u>
_____	_____	_____	_____	_____	_____	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	_____
_____	_____	_____	_____	_____	_____	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	_____
_____	_____	_____	_____	_____	_____	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	_____

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

Polk County

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- Permit to Use or Store Water
- Water Right Transfer
- Permit Amendment or Ground Water Registration Modification
- Limited Water Use License
- Allocation of Conserved Water
- Exchange of Water

Source of water: Reservoir/Pond Ground Water Surface Water (name) Surface Run-off

Estimated quantity of water needed: 25.3 cubic feet per second gallons per minute acre-feet

Intended use of water: Irrigation Commercial Industrial Domestic for _____ household(s)
 Municipal Quasi-Municipal Instream Other Recreation

Briefly describe:

An off-channel reservoir for irrigation of surrounding lands and/or personal family recreational use

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3. →

RECEIVED

MAR 08 2012

WATER RESOURCES DEPT
SALEM, OREGON WR / FS

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): PL20 136.030(N)

Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

Name: Jackson Hite Title: Assistant Planner
 Signature: [Signature] Phone: 503-623-9237 Date: 3-8-12
 Government Entity: Polk County

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____
 City or County: _____ Staff contact: _____
 Signature: _____ Phone: _____ Date: _____

jeanne@boatwrightengr.com

From: "Keith Mills" <keith.a.mills@state.or.us>
Date: Thursday, December 22, 2011 9:38 AM
To: "Jeanne Boatwright" <jeanne@boatwrightengr.com>; "Corbey Boatwright" <corbey@boatwrightengr.com>
Cc: <keith.a.mills@state.or.us>; "Mike Mccord" <mike.l.mccord@state.or.us>
Subject: RE: Proposed Reservoir
 Corbey and Jeanne,

Mike and I discussed this proposed dam, and have the following comments.

1. The planting of the blueberries on a 5:1 slope should be acceptable for a low hazard dam, with additional documentation on the rooting depth of blueberries. It would not be acceptable for a high hazard dam.
2. It is acceptable not to place a low level conduit in a low hazard, off channel dam. It's probably preferable. I would want to see the pump installed on site. It could be the same pump used for irrigation, as long as it had an outlet off of the dam.
3. The watershed is very small. It would be in the interest of you client for you to check if losses by evaporation, seepage through the dam, and infiltration to groundwater would result in to little water to fill the reservoir.

Keith

Keith Mills, P.E., Dam Safety Engineer
 Oregon Water Resources Department
 725 Summer St. NE, Suite A
 Salem, OR 97301
 Phone: (503) 986-0840
 Cell: (541)706-0849

From: jeanne@boatwrightengr.com [mailto:jeanne@boatwrightengr.com]
Sent: Thursday, December 22, 2011 8:38 AM
To: Keith Mills; Mike Mccord
Cc: Corbey Boatwright
Subject: Proposed Reservoir

Hi Keith & Mike,

Corbey asked me to send the following to you:

Jeanne

I have a client that wants to construct a reservoir and, based on the site, he wants to do some things that are different and I wanted to check to see if most of them could be done.

- First, the dam will be off channel with a drainage area of 0.026 Sq Miles or 16.6 AC.
- The owner believes that the reservoir would fill but that it would take two years to fill
- The storage is 30 Ac Ft ±

R-87786

RECEIVED
 MAR 08 2012
 WATER RESOURCES DEPT
 SALEM, OREGON

2/24/2012

- Dam height 17' with an additional excavated sump of 5' ±
- 12' top width
- Upstream slope 3:1
- Downstream slope 5:1 for planting blueberries
- Over flow will drain to the west to the County's roadside ditch

The above items all seem routine with the exception of the blueberries. He is thinking that with the proposed slope at 5:1 he could plant the first row either near the top or some distance down slope, say 10', so the actual plants will be at the same elevation as the maximum water level. This would result in a 28' soil separation between the water and where the plants would be.

Also, the owner has asked if he would have to put the drain outlet at the bottom or could he have a standby pump on hand that could be used to drain the reservoir in the event that it would need to be drained. I told him that the drain was an ORS requirement and that it may still be required.

Please, let me know what your thoughts are on the planting plan and the elimination of the outlet gate.

Corbey

Boatwright Engineering, Inc.

2613 12th Street SE

Salem, Oregon 97302

ph: 503-363-9225

FAX: 503-363-1051

Search

Gardening & Plants Landscaping Interior Design Home Improvement

This Season Tailgating | New Year, New You | Tax Time

Home » Plant Care » Vine, Bush & Other Fruit Care » Plant Blueberry Bushes » How Deep Do Blueberry Bush Roots Go?

Top 5 To Try

How to Plant Blueberries

How to Plant Blueberries in Pots

How Do I Winterize Blueberry Bushes?

Planting a Blueberry Bush

Can a Blueberry Bush Be Started From a Cutting?

How Deep Do Blueberry Bush Roots Go?



The shallow roots of blueberry bushes make them a challenge for gardeners. Keeping an eye on soil drainage while protecting fragile feeder roots is the first step in helping the plants successfully produce their delicious little fruits.

The roots of the blueberry bush require careful maintenance.

Related Searches: Garden Soil Tree Roots

Depth

Blueberry bush roots grow right below the soil's surface. The shallow root system extends less than 2 feet into the ground. Since the shallow roots compete with weeds for much needed water and nutrients, keep the area weed-free.

Soil

The plants require well-drained soil that's at least 18 inches in depth. The roots cannot stand exposure to water-saturated soil that stands within 18 inches of the surface for more than a few days. Otherwise, the plants may develop root rot and die. Cultivars less susceptible to root rot include rabbiteye blueberries.

Mulch

The feeder roots near the surface of the soil can benefit from a layer of mulch. The mulch should be about 3 inches deep and extend 2 feet out from the plants. If you plan to grow two or more rows of blueberries, a 4-foot wide strip of mulch between the rows helps protect the surface feeder roots.

Sponsored Links

Angie's List Tree Service www.AngiesList.com
Need Tree's Trimmed? Read Reviews. Find Top Rated Local Companies.

Scotts Weed & Feed Scotts.com
View Scotts® Weed & Feed Products At The Official Scotts® Site.

Time To Plant Bunch Grape www.isons.com
Bunch Grape Vines Shipping Now Seedless, Seeded and Wine Varieties

Follow eHow

Follow @eHow

Related Ads

Blueberry

Roots

Plant Soil

Bush.com

Landscape Plants

Tree Service

More Photos

RECEIVED

MAR 08 2012

WATER RESOURCE DEPT
SALEM, OREGON

*Garden Features:
Beyond the Gnome*

Related Articles & Videos

Ads by Google

Courtyard® By Marriott

Book at Marriott's Official Site. Enjoy 900+ Locations Worldwide. Marriott.com/Courtyard

Blueberries

Many Blueberry plant varieties for the home gardener. RaintreeNursery.com

Hydroponic Growers School

Learn about hydroponic greenhouse growing before you invest! CropKing.com/workshop

LGLA: Landscape Architect

Unique, Cost Effective, Modern Design & Project Management www.lanegoodkind.com

Garden Box Kit

Raised vegetable garden box kit DIY garden box box www.jwlumberonline.com

12-87786

The Highbush Blueberry Plant

Print this Post | Posted: June 5th, 2007 under Berry Crops, Blueberry.

Highbush blueberries are perennial, long-lived, deciduous, woody shrubs. They belong to the family Ericaceae, which also includes such plants as cranberry, azalea, rhododendron, and heather. Like the other ericaceous plants, blueberries thrive in acid soils and do best in soils with a pH between 4 and 5. Cultivars require from 120 to 160 growing degree days to ripen fruit.

The highbush blueberry is a shallow-rooted plant, characterized by a lack of root hairs. The fine, fibrous roots of the blueberry require an open, porous soil for ease of growth. Blueberry roots are associated with mycorrhizal fungi in the soil. These fungi aid the blueberry plant in nutrient absorption. Many of the soil management practices recommended for blueberries may actually benefit the fungus, not the plant.

Root growth begins in spring when soil temperatures reach about 43 F; often this coincides with bud swell. Root growth continues through late spring, but slows during fruit development and maturation. Most root growth occurs from after harvest through fall, until soil temperatures fall below 43 F. Most blueberry roots are found within the dripline of the bush and in the upper 18 inches of soil.

In general, the climate and soils between the coastal ranges and Cascade Mountains in Washington and Oregon are ideal for blueberries. There are, however, areas where soils are not suitable, such as areas of compact clay soils that allow very poor internal drainage and root penetration. Coarse sandy or gravelly soils present problems because of their poor nutrient and water-holding capacity. There is potential for commercial blueberry production in some regions of Idaho; site selection and cultivar are important.

Cultivated blueberry plants usually require 6 to 8 years to reach full production and are 5 to 10 feet high at maturity. Vegetative growth begins in the spring with bud swell. Shoots grow in flushes, showing rapid growth, then stopping as the apical bud aborts. A bud near the tip of the shoot will continue to grow. Shoots may have from one to several flushes during the season.

In mid-summer, shoot growth slows and several buds along new shoots differentiate into flower buds for next year's crop. Flower bud formation begins at the shoot tip and continues downward. Flower buds are large and almost spherical, whereas vegetative buds are pointed, small, and scale-like. Each flower bud contains from 5 to 10 potential flowers.

Flower bud formation continues until temperatures become too cool in fall. Both flower and vegetative buds require a period of dormancy, from 850 to 1,000 hours between 32 F and 45 F, before growth begins again the following spring.

New canes develop from the crown (base) of the blueberry plant in early spring. These shoots are extremely vigorous and often are the "renewal" wood for subsequent years' production.

Blueberry plants flower in spring, with flowers at the tip of canes and the tip of the cluster opening first. If pollination does not occur within 3 days after flower opening, fruit set is not likely to occur. Thus, growers should saturate the planting with bees at bloom time. Although blueberries are self-fertile, cross-pollination increases fruit production for many cultivars, resulting in earlier ripening and larger fruit. With better cross-pollination, more seeds develop, resulting in larger fruit.

Fruit development occurs for about 2 to 3 months after bloom, depending on cultivar, weather, and plant vigor. Sugar content of fruit will increase during maturation to about 15 percent when fruit is ripe. Fruit size continues to increase after fruit turns blue, due mainly to water uptake. Drought conditions during fruit ripening will reduce fruit size and may affect flavor. Irrigation during fruit filling and ripening is thus important.

Ripening is closely related to fruit quality. During ripening, changes in cell walls result in berry softening; this softening improves palatability, but also increases fruit susceptibility to physical damage.

Accumulation of sugars during ripening increases sweetness. Sugar content does not increase after harvest, but acids are broken down during ripening, thus decreasing tartness. Fruit flavor, much of it associated with the skin, increases during ripening, but not after harvest. Postharvest shelf life of blueberry fruit is increased by rapidly cooling fruit after harvest.

Yields can be as high as 20 tons per acre (T/A), although yields of 7 to 8 T/A are typical of mature plantings. Note that yield data in table 3 are from an average of all fields, including immature plantings.

This fact sheet is adapted from Oregon State University Extension Publication PNW215, Highbush Blueberry Production. The authors of Highbush Blueberry Production are - Oregon State University: Bernadine Strik, Glenn Fisher, John Hart, Russ Ingham, Diane Kaufman, Ross Penhallegon, Jay Pscheidt and Ray William; Washington State University: Charles Brun, M. Ahmedullah, Art Antonelli, Leonard Askham, Peter Bristow, Dyvon Havens, Bill Scheer, and Carl Shanks.

© 2012 Northwest Berry & Grape Information Network | Log in
SPONSORED BY OREGON STATE UNIVERSITY | UNIVERSITY OF IDAHO | WASHINGTON STATE UNIVERSITY | USDA-ARS

RECEIVED

MAR 08 2012

WATER RESOURCES DEPT
SALEM, OREGON

After recording, return to
(File No. 29287001)

Anthony R. Kreitzberg
Garrett Hemann Robertson P.C.
P.O. Box 749
Salem OR 97308

RECORDED IN POLK COUNTY
Valerie Unger, County Clerk

2010-011245

Until a change is requested, all tax statements
shall be sent to the following address:



\$61.00

11/16/2010 02:47:20 PM

No Change

REC-WD Cnt=1 Str=1 K. WILLIAMS
\$20.00 \$10.00 \$11.00 \$15.00 \$5.00

**STATUTORY WARRANTY DEED
FOR PROPERTY LINE ADJUSTMENT
(ORS 93.850)**

Flynn D. Case, Trustee of the Flynn D. Case Living Trust, Grantor, conveys and warrants to Gerald C. and Heather A. Freeman, husband and wife as tenants by the entirety, Grantee, the following described real property, free of encumbrances except as specifically set forth herein, situated in Polk County, State of Oregon:

See Exhibit "A" attached hereto and incorporated herein by reference.

The purpose of this Deed is to effect a property line adjustment between Grantor's and Grantee's property approved by Polk County under File No: LLA-09-31. After the property line adjustments approved under LLA-09-31 Grantee's property will consist of the land legally described in Exhibit "B."

The true consideration and actual consideration for this transfer, stated in terms of dollars is none. However, the consideration for this transfer is consideration other than money and to complete a property line adjustment.

BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON TRANSFERRING FEE TITLE SHOULD INQUIRE ABOUT THE PERSON'S RIGHTS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, AND SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009. THIS INSTRUMENT DOES NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY THAT THE UNIT OF LAND BEING TRANSFERRED IS A LAWFULLY ESTABLISHED LOT OR PARCEL, AS DEFINED IN ORS 92.010 OR 215.010, TO VERIFY THE APPROVED USES OF THE LOT OR PARCEL, TO DETERMINE ANY LIMITS ON

12-87786

7-4-10 604

LAWSUITS AGAINST FARMING OR FOREST PRACTICES, AS DEFINED IN ORS 30.930, AND TO INQUIRE ABOUT THE RIGHTS OF NEIGHBORING PROPERTY OWNERS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, AND SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009.

DATED this 28 day of October, 2010

Flynn D. Case Living Trust

By: [Signature]
Flynn D. Case, Trustee

STATE OF OREGON)
) ss.
County of Polk)

This instrument was acknowledged before me on October 29, 2010 by **Flynn D. Case, trustee of the Flynn D. Case Living Trust.**



[Signature]
NOTARY PUBLIC FOR OREGON
My Commission Expires: 4-19-13

EXHIBIT "A"

A tract of land situated in the Southwest quarter of Section 10, Township 7 South, Range 4 West of the Willamette Meridian, said tract being a part of that tract of land described in Document 2006-009950, Polk County Deed Records, and being more particularly described as follows:

Beginning at Southwest corner of Parcel 1 of Partition Plat Number 1995-0047 as recorded in Polk County Book of Partition Plats; said point being in the center of Oak Grove Road (No. 7411); thence South 00°22'55" West, along said center of Road, 492.91 feet; thence South 89°55'14" East 629.90 feet; thence North 00°23'39" East 491.95 feet to the South line of said Parcel 1; thence North 89°50'01" West 630.00 feet to the point of beginning and containing 7.12 acres of land, more or less.

The above description is a result of the Polk County Property Line Adjustment Case No. LLA-09-31.

RECEIVED
MAR 08 2012
WATER RESOURCES DEPT
SALEM, OREGON

EXHIBIT "B"

Parcel 1 of Partition Plat 1995-0047, Filed October 10, 1995, in Polk County Book of Partition Plats, Volume 1995, Page 0047, as Fee No. 405747.

TOGETHER WITH a tract of land situated in the Southwest quarter of Section 10, Township 7 South, Range 4 West of the Willamette Meridian, said tract being a part of that tract of land described in Document 2006-009950, Polk County Deed Records, and being more particularly described as follows:

Beginning at Southwest corner of Parcel 1 of Partition Plat Number 1995-0047 as recorded in Polk County Book of Partition Plats; said point being in the center of Oak Grove Road (No. 7411); thence South $00^{\circ}22'55''$ West, along said center of Road, 492.91 feet; thence South $89^{\circ}55'14''$ East 629.90 feet; thence North $00^{\circ}23'39''$ East 491.95 feet to the South line of said Parcel 1; thence North $89^{\circ}50'01''$ West 630.00 feet to the point of beginning and containing 7.12 acres of land, more or less.

SAVE AND EXCEPT: Beginning at Northeast corner of Parcel 1 of Partition Plat Number 1995-0047, Polk County Book of Partition Plats; thence South $89^{\circ}58'39''$ West, along the North line of said Parcel 1, 1428.15 feet to the center of Oak Grove Road (No. 7411); thence South $00^{\circ}22'55''$ West, along the center of said Road, 57.93 feet to a point on the West line of said Parcel 1; thence South $89^{\circ}49'51''$ East 798.47 feet to a point on the West line of said Parcel 1; thence North $89^{\circ}55'22''$ East 629.66 feet to a point on the East line of said Parcel 1; thence North $00^{\circ}23'22''$ East 60.00 feet to the point of beginning and containing 1.96 acres of land, more or less.

The above description is a result of the Polk County Property Line Adjustment Case No. LLA-09-31.