



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

APPLICATION FOR PERMIT  
TO CONSTRUCT A RESERVOIR AND TO STORE FOR BENEFICIAL USE  
WATERS OF THE STATE OF WASHINGTON

\$50.00 NON-REFUNDABLE MINIMUM STATUTORY FILING FEE REQUIRED WITH APPLICATION  
(GRAY BOXES FOR OFFICE USE ONLY)

APPLICATION NUMBER <b>R4 35211</b>	W.R.I.A. <b>44</b>	COUNTY <b>Douglas</b>	PRIORITY DATE <b>10/08/2008</b>	TIME	ACCEPTED
APPLICANT'S NAME <b>Zirkle Fruit Co., Inc.</b>			TELEPHONE NUMBER <b>509-697-6101</b>		
DATE AND PLACE OF INCORPORATION, IF APPLICANT IS A CORPORATION <b>12-29-76, Selah, WA (Yakima County)</b>					
ADDRESS (STREET) <b>P.O. Box 190 (351 Harrison Rd.)</b>		(CITY) <b>Selah</b>	(STATE) <b>WA</b>	(ZIP CODE) <b>98942-0190</b>	
<b>1. SOURCE, USE, AND CAPACITY OF RESERVOIR</b>					
NAME OF PROPOSED RESERVOIR <b>Columbia River Orchard Reservoir 2</b>					
NAME OF STREAM OR OTHER SOURCE FOR RESERVOIR SUPPLY <b>Columbia River</b>			TRIBUTARY OF <b>Pacific Ocean</b>		
USE(S) TO BE MADE OF IMPOUNDED WATER (IRRIGATION, POWER, FISH PROPOGATION, ETC.) <b>Irrigation</b>					
NUMBER OF ACRE FEET TO BE STORED AT MAXIMUM OPERATING LEVEL <b>38.6</b>			MONTHS OF YEAR DURING WHICH RESERVOIR IS TO BE FILLED <b>Year Around</b>		
NUMBER OF ACRES TO BE IRRIGATED, IF USED FOR IRRIGATION <b>630</b>					
TYPE AND CAPACITY OF DIVERSION WORKS IF WATER IS TO BE WITHDRAWN <b>Existing Columbia River Pump Station, with 700 hp and 6,060 gpm capacity</b>					
<b>2. LOCATION OF POINT OF DIVERSION OR WITHDRAWAL</b>					
ON ACCOMPANYING PLATS OR MAPS, ACCURATELY MARK AND IDENTIFY EACH POINT OF DIVERSION. GIVE MEASURED DISTANCE AND BEARING, OR NORTH-SOUTH AND EAST-WEST DISTANCES FROM NEAREST SECTION CORNER.					
COMPLETE EITHER A OR B	<b>A</b>	THE RESERVOIR IS TO BE LOCATED IN THE CHANNEL OF (NAME OF STREAM) <b>N/A</b>			
	<b>B</b>	THE RESERVOIR IS TO BE FILLED THROUGH A FEEDER CANAL (OR PIPELINE) HAVING ITS POINT OF DIVERSION (INTAKE) LOCATED AS FOLLOWS <b>Existing pipeline from existing Columbia River pump station.</b>			
DISTANCE AND BEARING TO SECTION CORNER <b>3,750' ± West of SE Corner Section 21, T 21N, R 22E</b>					
LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) <b>SE 1/4, SW 1/4</b>		SECTION <b>21</b>	TOWNSHIP N. <b>21N</b>	RANGE (E. OR W.) W.M. <b>22 East</b>	COUNTY <b>Douglas</b>
<b>3. IF THIS IS WITHIN THE LIMITS OF A RECORDED PLATTED PROPERTY, COMPLETE THIS SECTION</b>					
LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION) <b>N/A</b>			
<b>4. LOCATION OF IMPOUNDING STRUCTURE</b>					
IMPOUNDING STRUCTURE LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) <b>SE 1/4, SE 1/4</b>		SECTION <b>21</b>	TOWNSHIP N. <b>21N</b>	RANGE (E. OR W.) W.M. <b>22E</b>	
LEGAL SUBDIVISION OF LANDS IN WHICH THE SUBMERGED AREA IS TO BE LOCATED (THE OUTLINE OF THIS LAND IS TO BE SHOWN ON THE MAP TO ACCOMPANY THIS APPLICATION)					
<b>See Attached Drawing and Description</b>					
DO YOU OWN THIS PROPERTY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		IF NO, HAVE YOU SECURED FLOOD RIGHTS FOR LANDS TO BE INUNDATED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
<b>5. CONSTRUCTION OF IMPOUNDING STRUCTURE</b>					
HEIGHT OF DAM (FEET) <b>5 to 13 feet</b>	LENGTH OF TOP (FEET) <b>2,032</b>	LENGTH OF BOTTOM (FEET) <b>2,032</b>	WIDTH ON TOP (FEET) <b>15</b>		

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Douglas**

SLOPE OF FRONT OR WATER SIDE (NUMBER OF FEET HORIZONTAL TO ONE FOOT VERTICAL) 3:1		SLOPE OF BACK SIDE (NUMBER OF FEET HORIZONTAL TO ONE FOOT VERTICAL) 3:1	
HEIGHT OF DAM ABOVE WATER LINE AT MAXIMUM FLOOD FLOW (FEET) 2.5'			
TYPE OF CONSTRUCTION OF DAM AND MATERIAL OF WHICH IT IS TO BE BUILT Homogenous Earth Fill with 60 mil HDPE Liner and 16 Oz per Sq Yd Geotextile			
LOCATION AND DIMENSIONS OF SPILLWAYS (STATE WHETHER OVER, AROUND, OR THROUGH DAM) 30" Ø Drop Inlet with 24" Ø Outlet Pipe located in Southwest Corner of Reservoir			
NUMBER OF ACRES TO BE SUBMERGED BY RESERVOIR WHEN FULL 3.34	MAXIMUM DEPTH (FEET) 21'	APPROXIMATE AVERAGE DEPTH (FEET) 16.5'	
ESTIMATED COST OF PROPOSED WORK \$580,000			
CONSTRUCTION WILL BEGIN ON OR BEFORE (DATE) 29 September 2008		CONSTRUCTION WILL BE COMPLETED ON OR BEFORE (DATE) 15 March 2009	
SIZE AND TYPE OF OUTLET STRUCTURE 48" Ø Steel Outlet Pipe			

6. **LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED (IF DIFFERENT THAN ABOVE)**

COPY LEGAL DESCRIPTION FROM DEED: OR ATTACH COPY OF DEED. TAX STATEMENT DESCRIPTIONS ARE NOT ACCEPTABLE. ALSO OUTLINE THIS PROPERTY ON THE MAPS OR PLATS SUBMITTED WITH THIS APPLICATION.

See Attached

DO YOU OWN THIS PROPERTY  
 YES  NO

IF NO, GIVE NAME AND ADDRESS OF OWNER  
 RLF Wenatchee Land Holdings  
 523 S. Cascade Ave., Suite E.  
 Colorado Springs, Colorado 80903

ZIRKLE FRUIT CO.  
 By: [Signature] FACILITIES MGR  
 SIGNATURE OF APPLICANT

STATE OF WASHINGTON }  
 DEPARTMENT OF ECOLOGY } ss.

This is to certify that I have examined the foregoing application together with the accompanying maps and data, and return the same for correction or completion as follows: .....

In order to retain its priority, this application must be returned to the Department of Ecology, with corrections, on or before ....., 20.....

Witness my hand this ..... day of ....., 20.....

.....  
 Department of Ecology

If you require this document in an alternate format, please contact the Water Resource Program at (360) 407-6600 or TTY (for the speech or hearing impaired) at 711 or 1-800-833-6388.