

Pd Ck # 3695
 \$10.00 TMM
 1/27/00

STATE OF WASHINGTON
 DEPARTMENT OF ECOLOGY



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

\$10.00 MINIMUM STATUTORY FILING FEE REQUIRED WITH APPLICATION
 (GRAY BOXES FOR OFFICE USE ONLY)

APPLICATION NUMBER R4-32905	W.R.I.A. 49	COUNTY OKANOGAN	PRIORITY DATE JAN 27, 2000	TIME	ACCEPTED PMK
APPLICANT'S NAME Wolf Creek Reclamation District (WCRD)				TELEPHONE NUMBER (509) 996-3302	
DATE AND PLACE OF INCORPORATION IF APPLICANT IS A CORPORATION					
ADDRESS (STREET) c/o Jeremy Titcomb, 41-B Wandling Rd., Winthrop		(CITY)	(STATE) WA	(ZIP CODE) 98862	

1. **SOURCE, USE, AND CAPACITY OF RESERVOIR**

NAME OF PROPOSED RESERVOIR
Patterson Lake

NAME OF STREAM OR OTHER SOURCE FOR RESERVOIR SUPPLY
Wolf Creek / Little Wolf Creek

TRIBUTARY OF
Methow River

USE(S); TO BE MADE OF IMPOUNDED WATER (IRRIGATION, POWER, FISH PROPOGATION, ETC.)
irrigation and domestic (Sun Mountain Resort)

NUMBER OF ACRE FEET TO BE STORED AT MAXIMUM OPERATING LEVEL
existing storage capacity is 3330 acre feet ; proposed storage capacity is approx. ~~3775~~ 3825 a.f.

MONTHS OF YEAR DURING WHICH RESERVOIR IS TO BE FILLED
January 1 through December 31

NUMBER OF ACRES TO BE IRRIGATED, IF USED FOR IRRIGATION
WCRD irrigates approx. 790 acres. Superseding certificate XIV-B, Page 10, June 29, 1990

TYPE AND CAPACITY OF DIVERSION WORKS IF WATER IS TO BE WITHDRAWN
Existing headgates on Wolf Creek & Little Wolf Creek. WC = 12-13 cfs. LWC = 5 cfs

*per Jim King
 Phone Call
 1-31-2000 JK*

2. **LOCATION OF POINT OF DIVERSION OR WITHDRAWAL**

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	A	THE RESERVOIR IS TO BE LOCATED IN THE CHANNEL OF (NAME OF STREAM) no
	B	THE RESERVOIR IS TO BE FILLED THROUGH A FEEDER CANAL (OR PIPELINE) HAVING ITS POINT OF DIVERSION (INTAKE) LOCATED AS FOLLOWS a) approx. 600 feet west and 130 feet south from N$\frac{1}{4}$ corner Section 2 b) approx 500 feet north and 150 feet west of SE corner of Section 2

DISTANCE AND BEARING TO SECTION CORNER

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) a) Gov't Lot 3 (NE$\frac{1}{4}$NW$\frac{1}{4}$) b) SE$\frac{1}{2}$SE$\frac{1}{2}$	SECTION unsurv. 2	TOWNSHIP N. 34	RANGE (E. OR W.) W.M. 20 E.	COUNTY Okanogan
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3. **IF THIS IS WITHIN THE LIMITS OF A RECORDED PLATTED PROPERTY, COMPLETE THIS SECTION**

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)
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4. **LOCATION OF IMPOUNDING STRUCTURE**

IMPOUNDING STRUCTURE LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) W$\frac{1}{2}$ Section 8 and N$\frac{1}{2}$ Section 17	SECTION	TOWNSHIP N. 34	RANGE (E. OR W.) W.M. 20 E
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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)

Land within Sections 8 and 17, T 34 N, R 21 E, adjacent to existing shorelines of Patterson Lake. Said land ranging in width from a few inches to approx. 50 feet.

Estimated new area to be inundated is <10 acres.

DO YOU OWN THIS PROPERTY YES NO

IF NO, HAVE YOU SECURED FLOOD RIGHTS FOR LANDS TO BE INUNDATED YES NO

5. **CONSTRUCTION OF IMPOUNDING STRUCTURE**

HEIGHT OF DAM (FEET) see design figures	LENGTH ON TOP (FEET)	LENGTH ON BOTTOM (FEET)	WIDTH ON TOP (FEET)
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SLOPE OF FRONT OR WATER SIDE (NUMBER OF FEET HORIZONTAL TO ONE FOOT VERTICAL) 2.5	SLOPE OF BACK SIDE (NUMBER OF FEET HORIZONTAL TO ONE FOOT VERTICAL) 1.75
HEIGHT OF DAM ABOVE WATER LINE AT MAXIMUM FLOOD FLOW (FEET)	TYPE OF CONSTRUCTION OF DAM AND MATERIAL OF WHICH IT IS TO BE BUILT see attachments

↓ not known at this time 1-31-2000 per Jim King sk

LOCATION AND DIMENSIONS OF SPILLWAYS (STATE WHETHER OVER, AROUND, OR THROUGH DAM)
refer to attached design drawings

NUMBER OF ACRES TO BE SUBMERGED BY RESERVOIR WHEN FULL less than 10 new acres	MAXIMUM DEPTH (FEET) ± 85 feet	APPROXIMATE AVERAGE DEPTH (FEET) ± 40 feet
ESTIMATED COST OF PROPOSED WORK \$80,000	CONSTRUCTION WILL BEGIN ON OR BEFORE (DATE) March 15, 2000	
CONSTRUCTION WILL BE COMPLETED ON OR BEFORE (DATE) April 30, 2000		

SIZE AND TYPE OF OUTLET STRUCTURE
see attached design drawings

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 Attachment A - Place of Use, Legal Description

DO YOU OWN THIS PROPERTY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	IF NO, GIVE NAME AND ADDRESS OF OWNER WCRD is an irrigation district established to manage irrigation water serving many private landowners
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REMARKS

James D. King, Agent
James D. King & Associates, Inc.
PO Box 1017
Okanogan, WA 98840

James D. King for Wolf Creek Reclamation District
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, 19.....

Witness my hand this day of, 19.....

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Department of Ecology