

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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**APPLICATION FOR PERMIT
TO CONSTRUCT A RESERVOIR AND TO STORE FOR BENEFICIAL USE
WATERS OF THE STATE OF WASHINGTON**
DEPT. OF ECOLOGY
**\$10.00 MINIMUM STATUTORY FILING FEE REQUIRED WITH APPLICATION
(GRAY BOXES FOR OFFICE USE ONLY)**

APPLICATION NUMBER	W.R.I.A. 40A	COUNTY Chelan	PRIORITY DATE	TIME	ACCEPTED
APPLICANT'S NAME Kyle Mathison c/o Mark Peterson markp@nwi.net			TELEPHONE NUMBER (509) 264-1882		
DATE AND PLACE OF INCORPORATION, IF APPLICANT IS A CORPORATION					
ADDRESS (STREET) 1227 1 st St.		(CITY) Wenatchee	(STATE) WA	(ZIP CODE) 98801	
1. SOURCE, USE, AND CAPACITY OF RESERVOIR					
NAME OF PROPOSED RESERVOIR Stemilt Upper Loop Reservoir					
NAME OF STREAM OR OTHER SOURCE FOR RESERVOIR SUPPLY Stemilt Creek and Columbia River			TRIBUTARY OF Columbia River		
USE(S) TO BE MADE OF IMPOUNDED WATER (IRRIGATION, POWER, FISH PROPOGATION, ETC.) Irrigation					
NUMBER OF ACRE FEET TO BE STORED AT MAXIMUM OPERATING LEVEL 100			MONTHS OF YEAR DURING WHICH RESERVOIR IS TO BE FILLED Feb. thru Oct.		
NUMBER OF ACRES TO BE IRRIGATED, IF USED FOR IRRIGATION 3654 existing and proposed acres					
TYPE AND CAPACITY OF DIVERSION WORKS IF WATER IS TO BE WITHDRAWN The diversion structures are already permitted and are owned and operated by the Stemilt Irrigation District and the Lower Stemilt Irrigation District					
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)			
	B	THE RESERVOIR IS TO BE FILLED THROUGH A FEEDER CANAL (OR PIPELINE) HAVING ITS POINT OF DIVERSION (INTAKE) LOCATED AS FOLLOWS The diversion structures are already permitted and are owned and operated by the Stemilt Irrigation District and the Lower Stemilt Irrigation District.			
DISTANCE AND BEARING TO SECTION CORNER See attached memo and map.					
LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)			SECTION	TOWNSHIP N.	RANGE (E. OR W.) W.M. COUNTY
3. IF THIS IS WITHIN THE LIMITS OF A RECORDED PLATTED PROPERTY, COMPLETE THIS SECTION (NA)					
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)	SECTION 13	TOWNSHIP N. 21	RANGE 20 EWM
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)			
N.E. of the NE of Section 13, T 21 N., R 20 E.W.M.			
DO YOU OWN THIS PROPERTY	IF NO, HAVE YOU SECURED FLOOD RIGHTS FOR LANDS TO BE INUNDATED		
YES			

5. **CONSTRUCTION OF IMPOUNDING STRUCTURE**

HEIGHT OF DAM (FEET) 49.5 FT	LENGTH OF TOP (FEET) 1200 FT	LENGTH OF BOTTOM (FEET) 700 FT	WIDTH ON TOP (FEET) 400 FT
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) 2:1	
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 On-site Soils, Native Materials, Membrane Liner			
LOCATION AND DIMENSIONS OF SPILLWAYS (STATE WHETHER OVER, AROUND, OR THROUGH DAM)			
Drop inlet through the dam			
NUMBER OF ACRES TO BE SUBMERGED BY RESERVOIR WHEN FULL: 6	MAXIMUM DEPTH (FEET); 39.5	APPROXIMATE AVERAGE DEPTH (FEET)	
ESTIMATED COST OF PROPOSED WORK			
CONSTRUCTION WILL BEGIN ON OR BEFORE (DATE) Nov. 1, 2014		CONSTRUCTION WILL BE COMPLETED ON OR BEFORE (DATE) December 31, 2015	
SIZE AND TYPE OF OUTLET STRUCTURE: A sixteen and twelve inch pipe will be used to fill the reservoir and/or to draw water from the reservoir.			

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.

Lands served by the Stemilt Irrigation District and the Lower Stemilt Irrigation District.

DO YOU OWN THIS PROPERTY The reservoir will store and equalize water between existing Stemilt Irrigation District distribution system, the existing Lower Stemilt Irrigation System and a new system sourced from these two systems.

Mark Peter as attorney in fact for Kyle Mathison

SIGNATURE OF APPLICANT

Garlen D. Roe
Signature of Property Owner

*owned by
Racus,
Garland*

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:.....
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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