

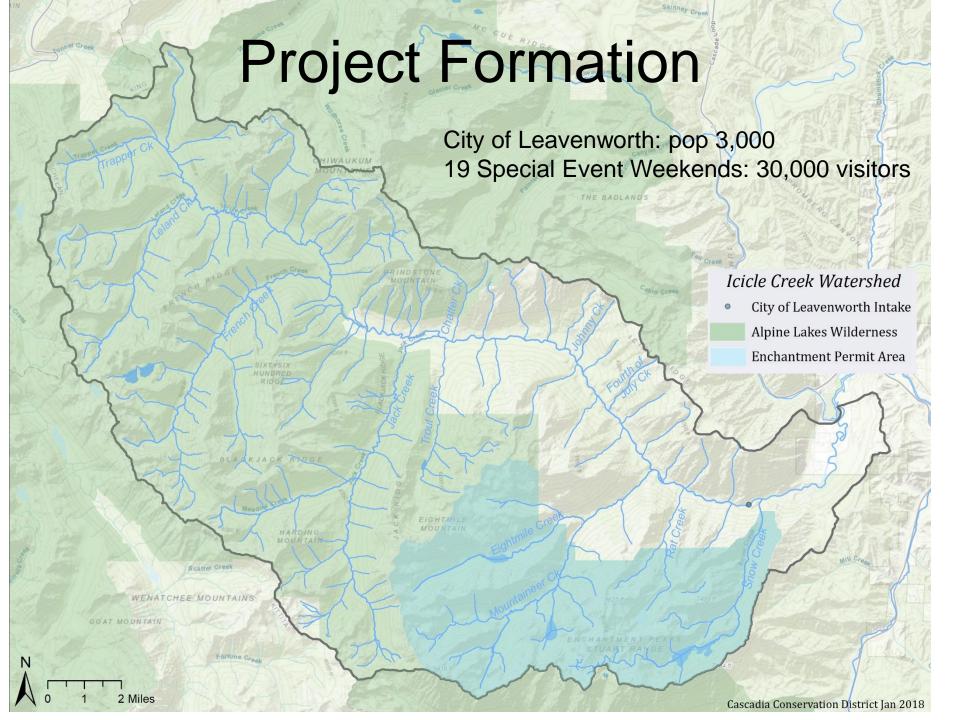


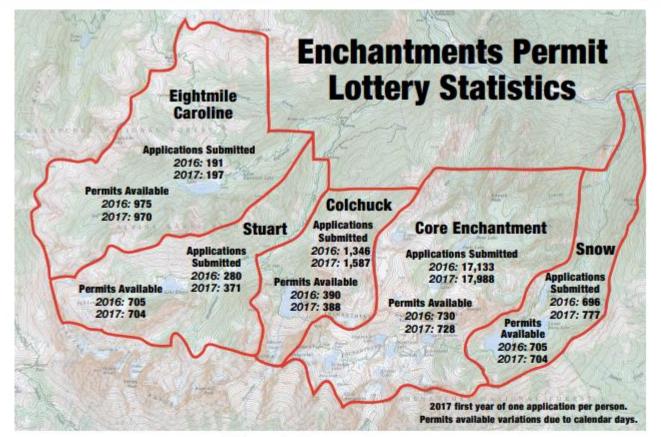






Clean Water
Starts
Upstream
April 10, 2018





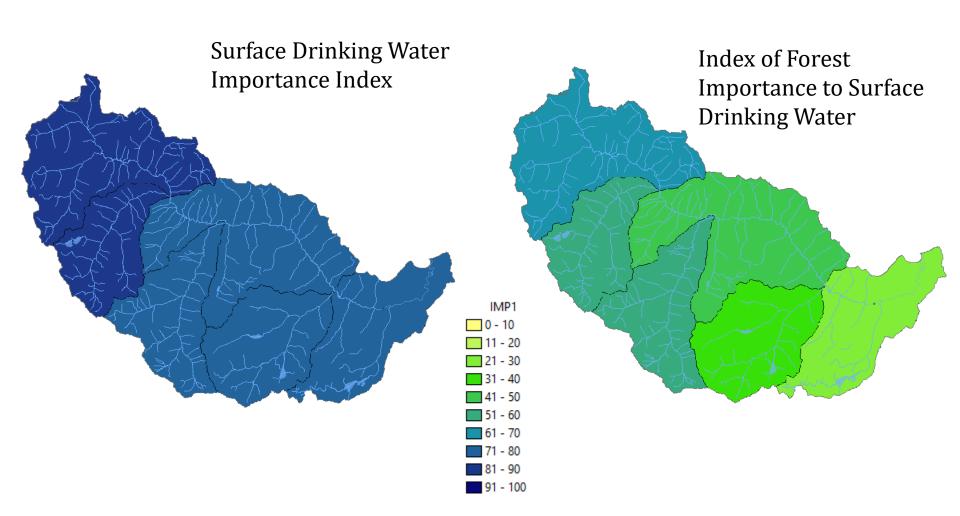
**Historic Lottery Data** 

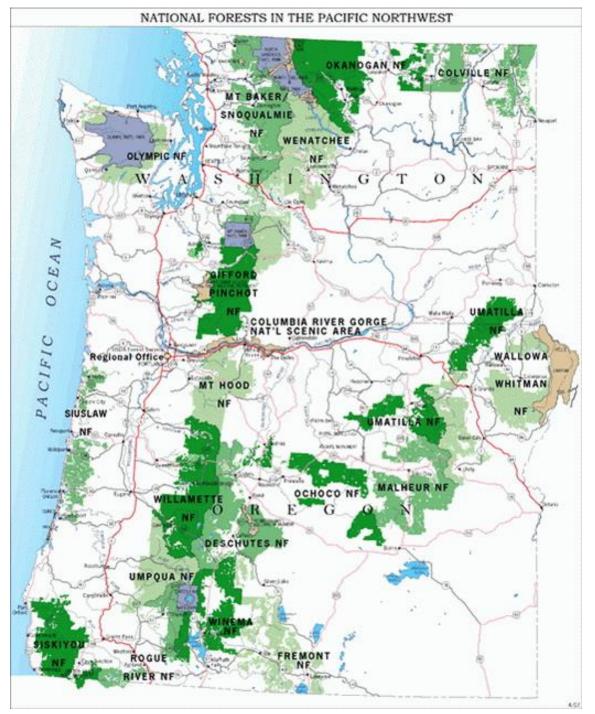
Year	Total Applications Submitted	
2017	20,920	(One application per person)
2016	19,646	(Up to 3 applications per person)
2015	12,034	(Up to 3 applications per person)
2014	8,588	(Up to 3 applications per person)
2013	4,391	(Up to 3 applications per person)
2012	2,330	(Unlimited applications per person)
2011	2,802	(Unlimited applications per person)

See reverse for more information 18,000 more lottery applicants in just 6 years

650% increase

## **USFS** Watershed Index





**\$3 Billion** in state and local tax revenue in PNW

\$740 Million spent annually by visitors in communities near USFS lands in WA and OR

### WASHINGTON

- **\$290 M** annually
- 2,000 year round jobs

## Partnership Formation

- Mutual benefit to organizational values and goals
- Experience carrying out partnership agreements
- Local knowledge and technical expertise
- Established protocols and access









## Do Your Part to Keep the Icicle Beautiful!



CAPPOOL: PAPKING IS LIMITED.
PAPK IN ESTABLISHED
PULLOUTS, DO NOT BLOCK
GATES OR DRIVEWAYS.



DON'T POOP IN CLIMBING AREA: USE A PORTA-POTTY, PIT TOILET, OR BURY AWAY FROM WATER, TRAILS, OR SITES, OR EVEN BETTER, PACK IT OUT.



STAY ON TRAILS: SHORTCUTS CAUSE EROSION.



LEAVE WILDLIFE ALONE: WATCH OUT FOR MOUNTAIN GOATS, THEY ARE POTENTIALLY DANGEROUS. AVOID GETTING CLOSE.



WATCH OUT FOR VENOMOUS SNAKES AND INSECTS.

### PRIVATE PROPERTY NO TRESPASSING

STAY LOW PROFILE: DON'T PLAY LOUD MUSIC, AVOID DISRUPTING NEIGHBORING LANDOWNERS.



### Camping

BEST PLACE TO CAMP: IN CAMPGROUNDS. WALK-IN IS ALLOWED WHEN THEY ARE CLOSED.

NO CAMPING BETWEEN ICICLE CREEK AND THE ROAD.

NO CAMPING AT TRAILHEADS OR AT BOULDERING OR CLIMBING BASE AREAS.

DO NOT DAMAGE VEGETATION. DO NOT CUT TREES. USE ESTABLISHED SITES AND BARE GROUND.

THERE ARE ALSO MANY ESTABLISHED SITES ALONG
MOUNTAINEER CREEK POAD - FOREST PD #7601

### **Okanogan-Wenatchee National Forest**







BRUSH OFF EXCESS CHALK: CLEAN OFF YOUR TICK MARKS AND PICK UP SPILLS.



PLACE PADS AND ROPES ON BARE GROUND: CONFINE GEAR SPRAWL AND AVOID DAMAGING VEGETATION.



LEAVE IT CLEANER: PICK UP YOUR TRASH AND ANY OTHER TRASH YOU FIND. FRUIT PEELS AND TAPE COUNT!



KEEP TABS ON YOUR DOG: CLEAN UP THEIR POOP TOO, CONTROL BARKING, AND KEEP THEM NEARBY.



OBEY FIRE CLOSURES: PISK OF WILDARES IS VERY HIGH IN THE ICICLE. DO NOT CREATE NEW FIRE RINGS.



LEAVENWORTHMA.OPG
ILLUSTRATIONS BY LOCAL ARTIST
AND CLIMBER, JESSICA CAMPBELL

## Project Goals and Objectives

- Phase I: Outreach and Education (2017-2018)
  - Post educational material at forest service trailheads, campgrounds, and day use areas
  - Interactive outreach at local community events
  - Direct outreach at heavy use areas
  - Region-wide outreach via newsletter articles, brochure distribution, etc.
- Phase II: Monitoring and Implementation (2018-2019)
  - Blue-Bag feasibility study and determination
  - Trail and campsite monitoring
  - Project planning and coordination
  - Restoration project implementation

## Partner Approach

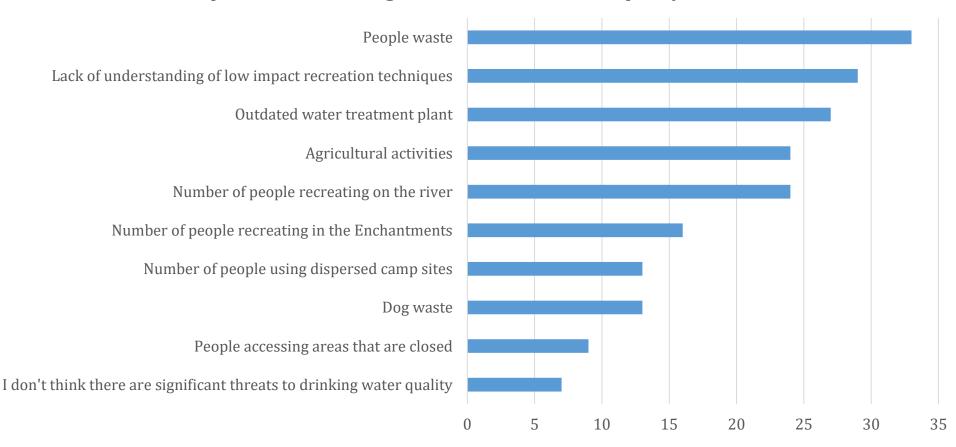
- Early collaboration to establish project timeline and develop communication plan
- Baseline survey to guide 0&E efforts
- USFS PAO and Graphic Designer involvement
- Group collaboration on phase II development

# Drinking Water Survey Results

- 54 People Surveyed
- 93% of respondents either live, work, or recreate in the Leavenworth area.
- 19% correctly answered that both the Icicle River and groundwater wells were sources of drinking water in Leavenworth
- 61% knew that the Icicle River was a source of drinking water in Leavenworth
- 43% knew that groundwater was a source of drinking water in Leavenworth
- 37% thought that the Wenatchee River and/or Lake Wenatchee was a source of drinking water for Leavenworth

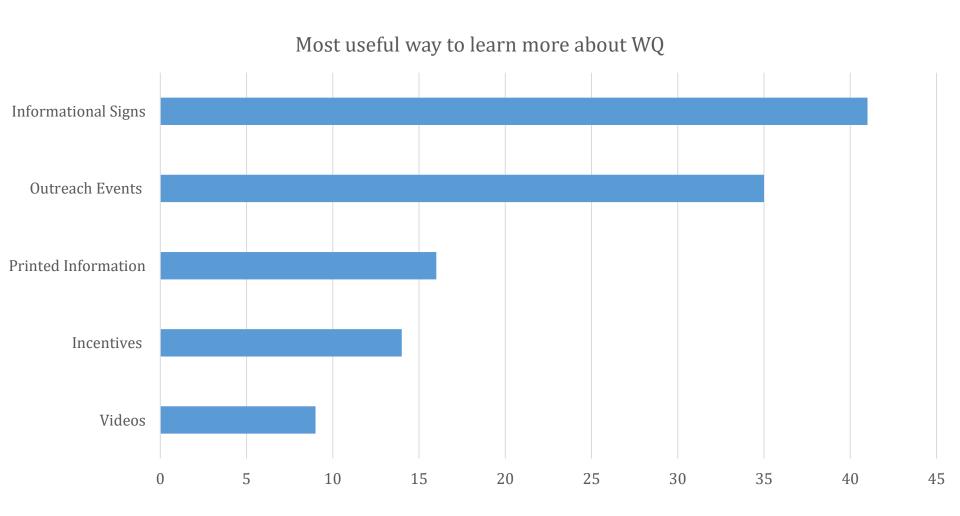
# Drinking Water Survey Results

Perception of the most significant threats to water quality in the Icicle



Other: Pollutant runoff, spray (orchards, mosquito control), garbage dumping, outdated septic systems

# Drinking Water Survey Results



Other: YouTube, Facebook, local press, Farmer's Market, flyers at events, visitor targeted outreach

## Key Messages

- Proper disposal of human waste
- Leave No Trace ethos and practice
- Information on Treatment Plant working but in need of upgrades
- Education about (lack-of) agriculture in the lcicle
- Targeting recreationists

## Means of Outreach

- Informational Signage
- Outreach Events

# **Existing Information**



### Annual Consumer Confidence Water Report

700 Highway 2/Post Office Box 287

Leavenworth City Hall

June 2016

#### INTRODUCTION

We are pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water delivered to your home or business every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring you the best quality of water.

The City draws water from both Icicle Creek and wells near the Wenatchee River. The water we provide can be from either of these two sources individually, or a blend of both sources. We have a source water protection plan available from our office that provides more information.

#### Water Announcements 2016

As of this last February, Stan Adams retired and Amica Briody is the new Water Plant Supervisor. Amica has a total of 12 years of past experience and education. She has grown up in Leavenworth and is excited for the opportunity to provide her community with quality drinking water.



#### **OUESTIONS OR COMMENTS?**

If you have any questions about this report, or concerning your water utility, please contact Arnica Briody, Leavenworth's Water System Supervisor or call the Water Plant at 548-4235. We want our valued customers to be informed about their water utility. All actions regarding improvements to the Water System Plan and infrastructure are approved by the Leavenworth City Council. If you want to learn more, please attend any of our City Council regularly scheduled meetings on the second and fourth Tuesday of each month at 6:30 p.m. at City Hall.

The City of Leavenworth routinely monitors for constituents (contaminants) in your drinking water according to Federal and State regulations. The tables included in this report show the results of our monitoring for the period of January 1st to December 31st, 2015. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

 $9/18/2017 \quad https://www.recreation.gov/permitPrintDisplay.do?reservationNumber = 6-3164125\&contractCode = NRSO\&permitPrintDisplayPrint=true\&\&facility1...$ 

### Welcome to Enchantment Permit Area

### Permit terms, Rules and Regulations:

- Permits are NON-TRANSFERRABLE. Only the party leader may redeem permit,
- Your permit is valid for camping ONLY in the zone indicated on the permit. You may day hike through another zone, but it is your responsibility to camp only in the proper zone. If violated, the permit becomes invalid, all group members will be cited and required to leave the permit area. (However, permits issued for the "Core Enchantments" are valid for camping in any zone.)
- Avoid walking on vegetation. Stay on the trail or durable surfaces such as snow, rock and sand. Follow existing rock cairns, but do not build your own rock cairns or rock walls. Do not pull rocks out of the ground. Do not knock over established cairns.
- While travelling, camping, or otherwise present within any of the permit zones, you must present a valid permit and photo ID upon request to any Forest Officer. Have your permit with you while traveling; keep the permit on your person, rather than leaving it in your campsite or buried at the bottom of your pack.
- Dogs are prohibited throughout the permit zones.
- Campfires are prohibited anywhere above 5,000 feet of elevation or within 1/2 mile of any of the lakes within the five permit zones.
- Biolite or other wood burning camp stoves are not permitted.
- Maximum party size is 8 people while traveling or camping. Two permits cannot be combined to form a group larger than 8,
- Use toilets where provided. Otherwise, bury human waste (feces) at least 8 inch deep and at least 200 feet from water or campsites. Pack out or bury all toilet paper at least 8 inch deep animals will dig up shallow buried toilet paper. Do not put trash in toilets. Pack it out!
- Do not urinate on vegetation or in your campsite. Where possible use toilets, or urinate into rock crevices, gaps between boulders, or other places which discourage goats from pawing up plants and soil.
- Do not feed or otherwise encourage wildlife to be less than wild treat them with respect and keep your distance.

	1
	Okanogan-Wenatchee NF
	Wenatchee River Ranger District
Please read all stipulations and sign	600 Sherbourne, Leavenworth, WA 98826

Ph: 509-548-2550

# **ALPINE LAKES**

Wilderness areas have been set aside by congress and defined as... "...an area where the earth and its community of life are untrammeled by man, where man himself is a visitor who does not remain." These regulations were developed to help insure that.

### **Wilderness Permits**

Permits are required for overnight and day use throughout the Alpine Lakes Wilderness between May 15 and October 31. Permits can be obtained at trailheads and Forest Service offices.

#### **Enchantment Permits**

Limited overnight permits for the Enchantment Permit Area are required May 15 through October 31. Contact the Leavenworth Ranger Station at 509-548-2550 for more information or website: fa.usda.gov/okawen

### **Bury Human Waste Away** From Water Sources

Select a site at least 200 feet from water. Bury waste in a hole 3 to 6 inches deep and cover with organic soil. Use backcountry tollets where provided. Pack out all tollet paper.

### **Pack Out Litter**

Littering is illegal. Pack out al that was left by others. Nevi backcountry tollets.

Stay On Trails

### **Wenatchee River Ranger District** SPECIFIC ALPINE LAKES WILDERNESS

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### **Wilderness Permits**

Permits are required to enter the wilderness. Permits may be obtained at trailheads and Ranger Stations. (see exception below)

### **Enchantment Permits**

If you are going to be in the Enchantment Permit Area as an "overnight" user, which includes access from the Eightmile Lake, Snow Lakes and Stuart / Colchuck Lake trailheads, a regulatory quota permit is required May 15 to October 31.

### **Destinations with Designated Campsites for Hikers**

Camping is permitted only at designated campsites (marked by a tent symbol) within % mile of the following destinations:

Chain Lakes Lake Mary Nada & Snow Lakes Poelle Lakes

Upper Florence Lake Headlight Basin & Ingalls Lake

### **Pack and Saddle Camps**

Camping with pack and saddle animals, including liamas and goats, is permitted only at designated stock campsites (marked by a horseshoe symbol) within 1/2 mile of the following destinations:

Chain Lakes Doelle Lakes Meadow Camp Timothy Meadows Frosty Pass area Flora & Brigham Lakes

Ingalls Creek Prainage

### **Pack and Saddle Closures**

The District prohibits camping with stock, within % mile of the following destinations: Lake Mary Alice Lake Upper Florence Lake Cradie Lake Josephine Lake Eightmile & Little Eightmile

### Pack and Saddle Trail Closures

Leland, Square & Wolverine Lakes

Ethel Lake Trail @1585 Ingalis Way Trail #1309.1 Kinnagua Lakes Trail #1563 Leland Lake Trail @1566, last 3 miles McCue Ridge Trall @1574 N. Fork Chiwaukum Trail #1591 Snow Lakes Trail #1553 Upper Roaring Creek Trail #1584 Grace Lakes Trail @1578, last 1 mile Colchuck/Stuart Lake Trail #1599 closed January 1 to first Saturday after Labor Pay

### Dog Restrictions

Due to the heavy use, user conflict and wildlife concerns, dogs are prohibited in and on any trail accessing the Enchantment Core Area, Stuart Lake, Colchuck Lake, Snow Lakes, Eightmile Lakes, Carolines to Windy Pass, Headlight Basin, Ingalls Lake and Mt. Stuart, except that dogs are allowed in a 50 foot wide corridor along Ingalls Creek Trail #1215 from Turnpike Trail Jct. #1391 to Stuart Pass.

kanogan-Wenatchee National Forest

### TRAIL CLOSURES

Stuart Lake no. 1599 (Stuart permit zone) Eightmile Lake no. 1552 (Eightmile/Caroline permit zone) Eightmile-Trout Lake Trail no. 1554 (Eightmile/Caroline permit zone) Jack Creek Trail no.1558 (Between Stuart pass and Meadow Creek Junction) Solomom Creek Trail no. 1593 Van Epps Trail no. 1594

**CLOSED** to ENTRY for public safety due to FIRE ACTIVITY.

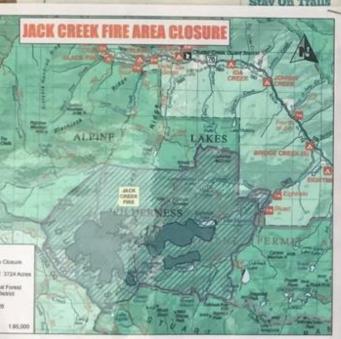


September 26, 2017

Wenatchee River Ranger District 509-548-2550

36 CFR 261.55(a)

Violations of the prohibition is punishibable as a Class B Misdemeanor, by a fine of not more than \$5,000 for an individual or \$10,000 for an organization, or impregnment for not more than 5 months or both

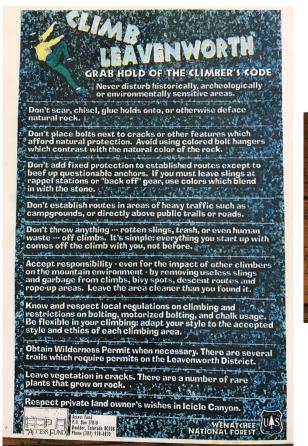


U.S. Forest Service - Okanogan-Wenatchee and Mt. Baker-Snoquals

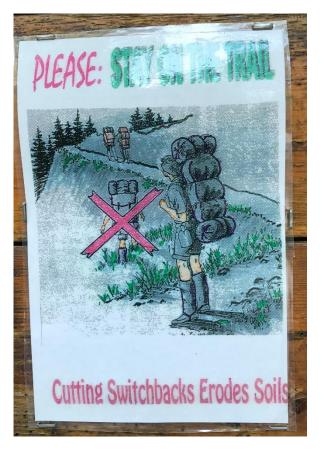












### DAY HIKING

### THE ENCHANTMENTS SNOW CREEK TRAIL #1553

#### **WILDERNESS PERMITS**

A valid permit is required for both day and overnight use in all five zones of the Enchantment Permit Area. See Map to right.

DAY HIKERS can obtain a free, self-issue wilderness permit at the trailhead (in box

From May 15 to October 31, overnight users must obtain a permit through recreation.gov or the Wenatchee River Ranger Station daily lottery. See CAMPING permit information to the right.



#### CLIMBERS

A valid overnight permit is required if you plan on camping or bivouacking. Plan ahead for length of route. Unintentional overnight bivys are a violation of permit system. Travel and camp on durable surfaces.

Minimize webbing or other gear behind. If you leave one, take an old one out.

On climbing routes, human waste must be packed out.

Be aware of and respect any wildlife or other closure areas.

Do not wrap ropes around trees, use slings instead to reduce impacts.

Leavenworth Climbing Rangers website: facebook.com/leavenworthclimbingrangers



Habituated Mountain Goats are in this area and are closely approaching people and entering campsites. Habituated wildlife can become aggressive. Goats have sharp,

Stay at least 50 yards away and do not feed them.

If a goat approaches you, slowly move away to keep a safe distance.

If the goat follows, be prepared to chase it off by yelling, waving arms and clothing, or throwing rocks!

Goats crave salts. Use toilets where available. Otherwise, urinate on bare rocks, between rocks or locations inaccessible to goats and at least 200 feet away from trails or campsites. Do not leave sweaty clothes unattended.

### **CURRENT CONDITIONS**



descending snow due to many hazards:

**■** Exposed or hidden creeks & waterfalls ■ Open holes, thin snow and hidden rocks

Aasgard Pass is not advised for hikers not prepared and equipped for steep snow travel In recent years, hikers have died after glissading and falling into a crack or hole in the snowpack formed by a creel

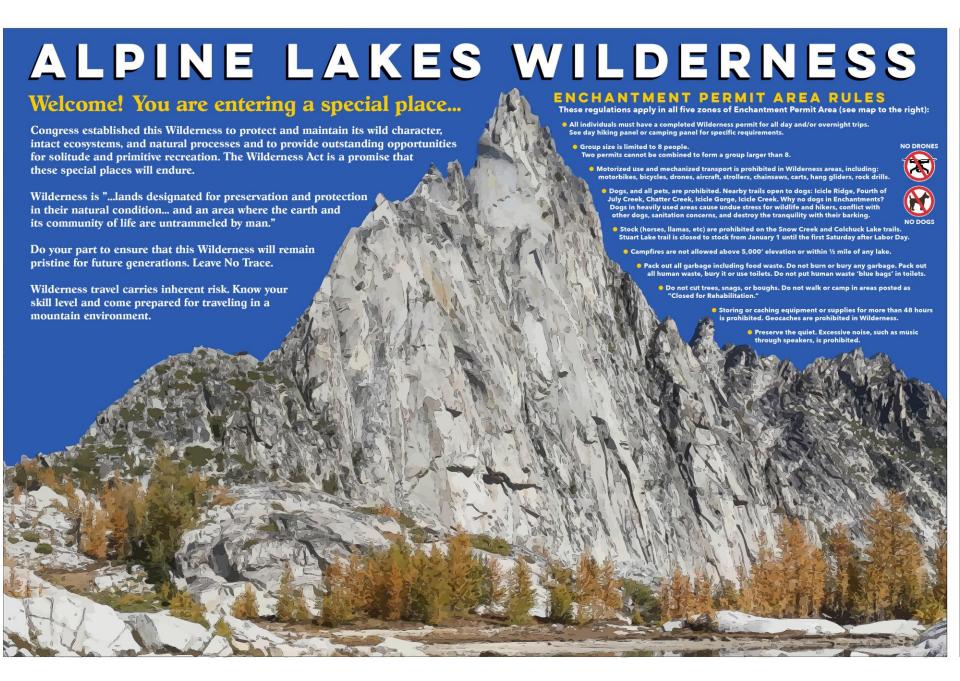
- pouring over a cliff. Be aware of the following hazards Water running beneath the seasonal snowpack ■ Natural glissade path funnels directly to the hazardous waterfall is easily seen from below but can be hard to
- see or hear from above, especially while glissading
- Assuming a glissade track is safe to follow







Okanogan-Wenatchee National Forest **Wenatchee River Ranger District** 



### CAMPING

#### WILDERNESS PERMITS

A valid permit is required for camping in each of the five zones in the Enchantment Permit Area (see map to right). From May 15 to October 31, overnight users must obtain a permit through recreation.gov website or the Wenatchee River Ranger Station daily lottery. Permits are \$5/person/day.

You MUST enter the permit area on the entry date shown on permit. This is a quota system so this ensures available campsites, reduces the number of people encountered and limits resource damage. You may camp only in the zone(s) indicated on your permit.

You must carry permit and photo identification with you and present these upon request to any Forest Officer.

#### WILDERNESS CAMPING

All members of a group must camp together in one campsite.
Separate groups totaling more than 8 people cannot camp or travel together.

Campsites are found not made: Travel and camp on impacted and durable surfaces, stay off of any vegetation. Hang food, toiletries and trash to prevent bears, marmots, and mice from getting it.

Pack out all human waste or dig a hole 6-8 inches deep and 200 feet from water or campsite, fill hole and cover with soil. Or use toilets if available - locate them before needed. Urinate between rocks to keep goats from pawing up vegetation to get the salt in your urine. Do not put garbage or human waste 'blue bags' in toilets.

Wash dishes and bathe at least 200 feet from any water, and don't use any type of soap.

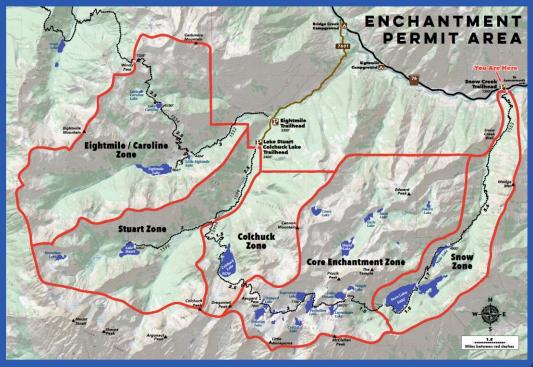
Leave rocks in the ground. Don't build rock walls or other structures.

#### SNOW AND NADA LAKES CAMPING

Within ½ mile of Upper and Lower Snow Lakes, or Nada Lake, you are required to use a hiker designated campsite. There are 18 designated sites at Snow Lakes, and 6 sites at Nada Lake. Before passing a site by, consider how many possible sites lie ahead, and if you are willing to hike back if necessary.

Why Designated Sites?

- Concentrates use to sites that are already impacted.
- Helps prevent erosion and further damage to fragile vegetation at sites that are not suited for camping.
- Helps provide for a sense of privacy for campers.



### SNOW LAKES WATER RELEASE

Since 1939 the Leavenworth National Fish Hatchery has released water from Snow Lake during the summer and fall to improve water flow and cooler temperature in Icicle Creek. This benefits both the hatchery fish program and Icicle Creek habitat. In 1939 a 2,000' long tunnel was cut through solid rock to the bottom of Snow Lake. Water is released into Nada Lake from Snow Lake through a 30" diameter pipe. The pipe is located a few hundred feet from the trail between Nada and Snow Lakes and you may see water gushing from the pipe.

### TRAILHEAD PARKING

A Northwest Forest Pass or Interagency Annual Pass is required on vehicles. Those with a permit to camp in Enchantment Permit Area must print and display the parking permit that comes with overnight permit. The Washington State Discover Pass is not valid here or at any Forest Service site.

### ENFORCEMENT

To protect fragile ecosystems and reduce environmental impacts please follow these rules and regulations, including enforceable Forest Service regulations with maximum penalties of \$5,000 and/or 6 months in jail. Violation of permit terms or other Forest Service regulations may also invalidate an issued permit, requiring a group to terminate their visit. The Enchantments is heavily patrolled by law enforcement and forest protection officers. Thank you for helping to keep the Enchantment Permit Area wild.

For more information visit: www.fs.usda.gov/goto/enchantments

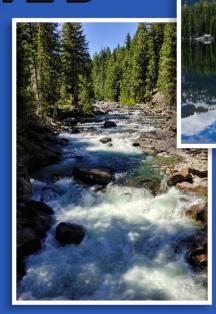
## ICICLE WATERSHED

Welcome! You are entering a special place...

Please do your part to ensure that this watershed will remain pristine for future generations and provide a source of clean safe drinking water for the city of Leavenworth

### PROTECT YOUR DRINKING WATER

- Use toilets when available and locate them before needed.
- Pack out all human waste or dig a hole 6-8 inches deep and 200 feet away from water or campsite, fill hole and cover with soil.
- Wash dishes and bathe at least 200 feet away from all water, and don't use any type of soap.
- Avoid fragile vegetation, stay on designated trails. Keep pets and stock animals at least 200 feet from lakes and streams.



FORESTS TO FAUCETS



USDA is an equal opportunity provider and employer.







## Project Goals and Objectives

- Phase I: Outreach and Education (2017-2018)
  - Post educational material at forest service trailheads, campgrounds, and day use areas
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