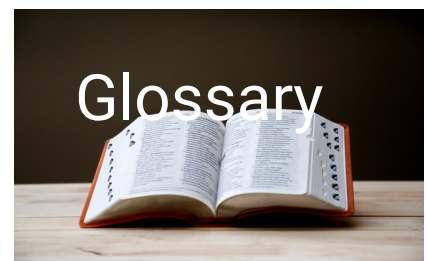
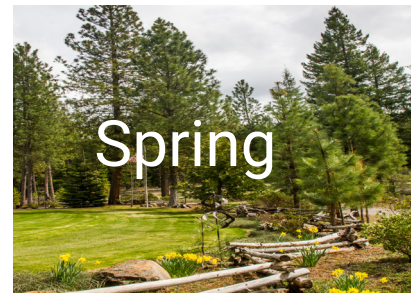


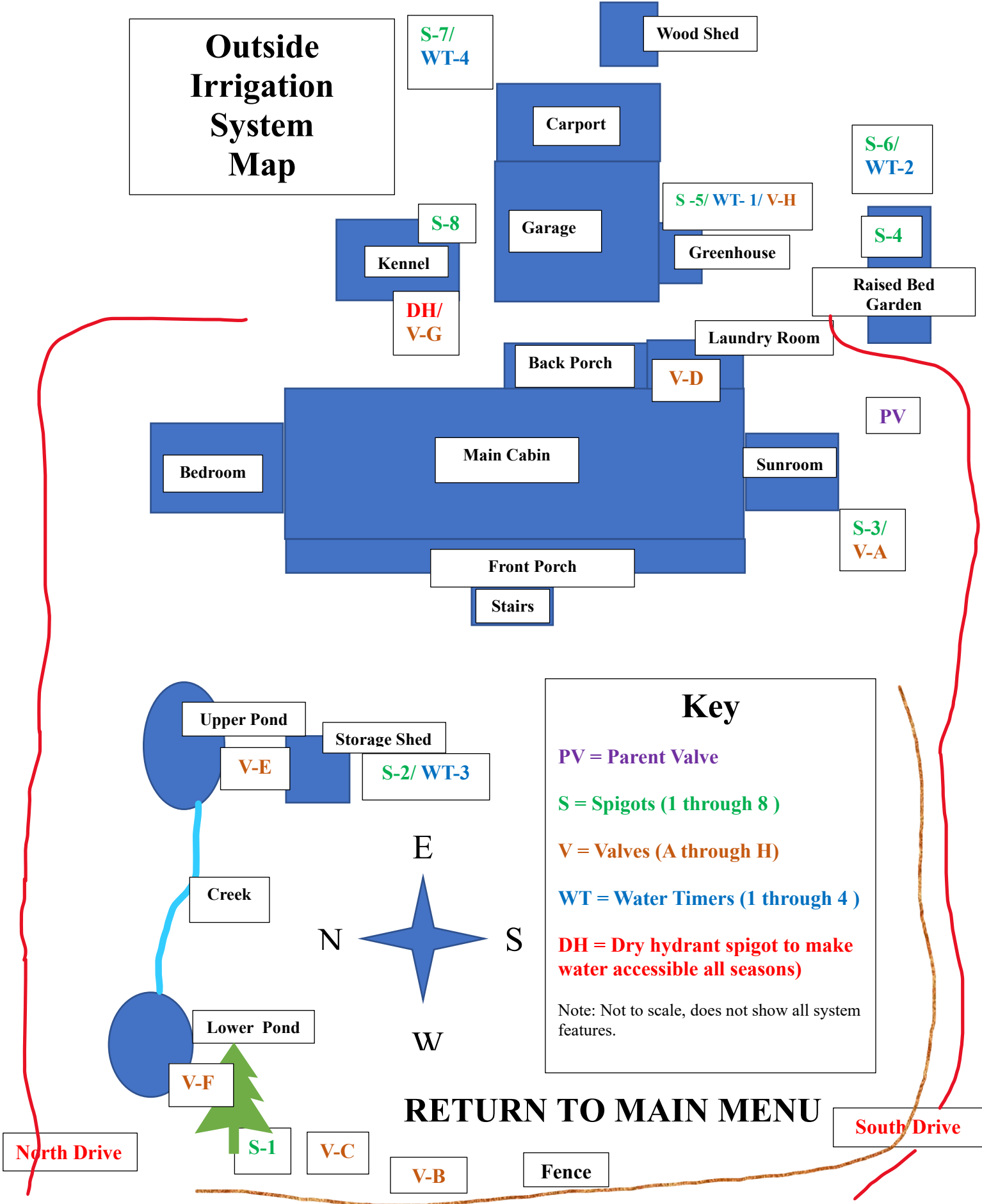
A Mountain View Almanac



Click any season to begin



Outside Irrigation System Map



Key

- PV** = Parent Valve
- S** = Spigots (1 through 8)
- V** = Valves (A through H)
- WT** = Water Timers (1 through 4)
- DH** = Dry hydrant spigot to make water accessible all seasons)

Note: Not to scale, does not show all system features.

RETURN TO MAIN MENU

North Drive

South Drive

V-B

Fence

S-1

V-C

Lower Pond

V-F

Creek

V-E

Upper Pond

Storage Shed

S-2/ WT-3

Stairs

Front Porch

Bedroom

Main Cabin

Sunroom

V-D

Back Porch

Laundry Room

Kennel

S-8

Garage

Greenhouse

S-5/ WT- 1/ V-H

Carport

Wood Shed

Raised Bed Garden

S-4

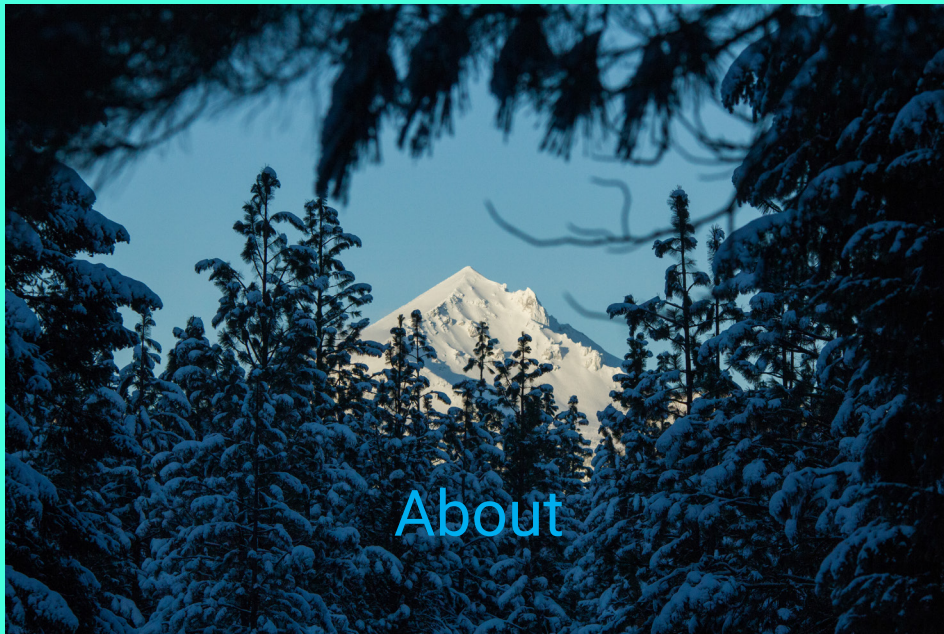
S-6/ WT-2

PV

S-3/ V-A

S-7/ WT-4

DH/ V-G



A Mountain View Almanac details the steps necessary for the care and maintenance of the Higgins family cabin in four seasons. It was created by John Higgins in 2023 in consultation with Jerry Higgins.

Click on [Map](#) to see map of outdoor water irrigation system and main buildings.

Click on **RETURN TO MAIN MENU** buttons in the top right corner and at the bottom of each season's procedures to return to Main Menu.

Press Alt-Left Arrow on keyboard to return to previous screen.

Click on [highlighted](#) words for [Glossary](#) definitions.

RETURN TO MAIN MENU

Fall

Procedures for Fall

Preparing the cabin and outside irrigation system for winter takes the most time and planning of any season. Turning off the irrigation system and draining all the water from its pipes is the biggest and most important task, which should be completed by Oct. 1 or sooner if night temperatures drop below freezing for any amount of time.

[\[Click here for map\]](#)

A. Turn off outside irrigation system.

[\[Click here for details\]](#)

B. Place log rack on Back Porch (stored in Wood Shed).

C. Prepare ATV for winter: [Instructions TBD].

D. Prepare boat for winter storage:

1. Clean boat.
2. Cover boat and store in Carport behind garage (see map).

E. Prepare debris burn piles.

F. Store yard art for winter.

G. Cover outside furniture for winter.

[RETURN TO MAIN MENU](#)

Turning off outside irrigation system:

Note: Some of these steps will require pliers.

A. Turn off Parent Valve

1. Find Parent Valve and remove wooden ground-level cap.
2. Reach down in hole to find a green lever that is pointed down in a vertical position, which means it is open and water is flowing. Clear any debris from hole.
3. Pull up on green lever until it is in a horizontal position, which turns off the water.
4. Replace ground-level cap.



Parent Valve cap



Parent Valve
in horizontal position

B. Drain Valve-A

1. Find Spigot-3. Make sure spigot is turned all the way clockwise, which is the off position. Remove hose from Spigot-3.

2. Find Valve-A, a white globe with a red knob on top resembling a wing nut, at the base of Spigot-3.

3. Twist the red knob counterclockwise as far as it will go to open. You will see some water dribble out of the valve onto the ground.

4. Wait 5 minutes for water to drain. Then twist knob clockwise as far as it will go to close.



Spigot-3



Typical valve with red knob in off position. Twist counterclockwise so wings are parallel with pipe to open. Some valves have broken wings and require pliers.

C. Drain Valves B and C (for sprinklers)

1. Find Valve-B in a plastic brown box with green lid just below ground level (may be obscured by vegetation).

2. Lift the lid to find the valve, a white



Valve B (near fence)

globe with a red knob on top resembling a wing nut (but the wings on this valve have broken off).

3. Use pliers to grip the red knob and twist it counterclockwise as far as it will go to open. A little water may dribble out.

4. Wait 5 minutes for water to drain. Then twist knob clockwise as far as it will go to close.

5. Repeat steps 1- 4 for Valve-C, which is about 4 feet away from Valve-B. Valve-C has its wings intact.



Valve-C

D. Turn off water to pond area

1. Find Valve-D behind the washer/dryer in the Laundry Room, which looks like a black wheel with spokes.

2. Turn wheel clockwise as far as it will go to close.



Valve-D

3. Find Valve-E, which is on the edge of the Upper Pond near the Storage Shed. It is a white globe at ground level with a red knob on top resembling a wing nut.



Valve-E

4. Twist knob counterclockwise as far as it will go to open. Water will drain.

5. Find Valve-F on the edge of the Lower Pond. It is a white globe at ground level with a red knob on top resembling a wing nut (but the wings on this valve have broken off, so you will need pliers to twist).



Lower Pond

6. Use pliers to grip the red knob and twist it counterclockwise as far as it will go to open. Water will drain.

7. Find Spigot-1 near lower pond next to big fir tree on top of 2-foot pipe. Remove hose if attached.



Spigot-1 & Valve-C

8. Turn Spigot-1 counterclockwise as far as it will go to open.

9. Find Spigot-2 on the outside of the small storage shed by the Upper Pond. Remove hose if attached.

10. Turn Spigot-2 counterclockwise as far as it will go to open.

11. Return to Spigot-1 and turn clockwise as far as it will go to close.

12. Return to Valve-F and turn clockwise as far as it will go to close.

13. Return to Spigot-2 and turn clockwise as far as it will go to close.

14. Return to Valve-E and turn clockwise as far as it will go to close.

15. Find and detach Water Timer-3

- a. Unthread from pipe by turning counterclockwise until it detaches. May require pliers.
- b. Remove black output tubes from bottom of timer.
- c. Make sure timer is completely drained before storing in Greenhouse until summer.



Upper Pond



Spigot-2 & Water Timer-3

E. Turn off water to Greenhouse and Raised Bed Garden

- 1.** Find DH (dry hydrant) by the Kennel. It has a long green handle resembling an old-fashioned water pump.
- 2.** If the handle is up, push it all the way down to close.
- 3.** Unthread white plastic fitting from DH to detach.
- 4.** Find Valve-G at base of DH. It is inside a black box with a green lid. It is a white globe with a red knob on top resembling a wing nut.
- 5.** Twist red knob counterclockwise to open. Water will drain out.
- 6.** Find Spigot-8 inside Kennel. It's about 4 feet off the ground.
- 7.** Turn Spigot-8 counterclockwise as far as it will go to open. Wait 5 minutes.



Dry Hydrant (DH) and Valve-G (in off position)

8. Turn Spigot-8 off by turning clockwise as far as it will go to close.

9. Find Spigot-6 and Water Timer-2 at end of the Raised Bed Garden.

10. Make sure Spigot-6 is closed by turning clockwise as far as it will go.

11. Detach Water Timer-2:

- a. Unthread from pipe by turning counterclockwise until it detaches. May require pliers.
- b. Remove black output tube from bottom of timer.
- c. Make sure timer is completely drained before storing in Greenhouse until summer.

12. Repeat steps 9-11 for Spigot-7 and Water Timer-4.

13. Find Spigot-4 inside Raised Bed Garden It's about 2 feet out of the soil to the left of the gate.

14. Turn Spigot-4 counterclockwise as far as it will go to open.



Water Timer-2

15. Return to DH/Valve-G. Twist red knob on Valve-G clockwise as far as it will go to close.

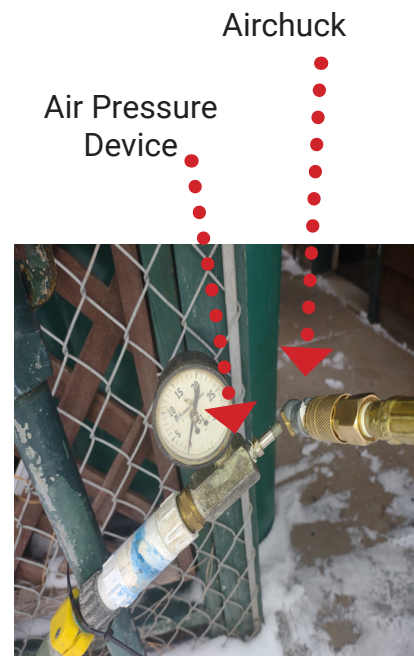
16. Grasp detached white fitting that you removed from DH and thread the **Air Pressure Device** on to it.

17. Retrieve compressor air hose from the garage with **Airchuck** attached.

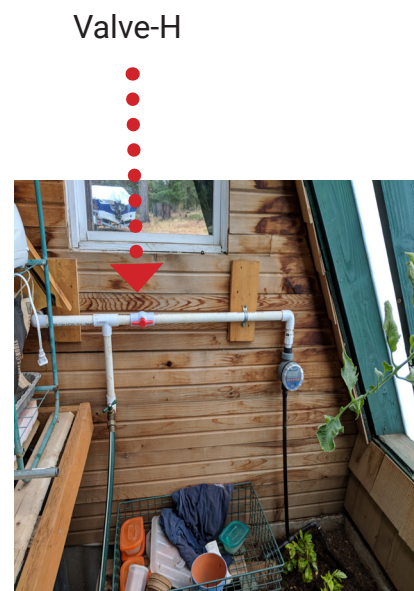
18. Attach **Air Pressure Device** to **Airchuck**. The compressed air will push any remaining water from system out of Spigot-4 inside the Raised Bed-Garden. Keep attached until no more water flowing. Then return air hose to garage. Remove Air Pressure Device from detached white fitting and store in the garage.

19. Re-open Valve-G briefly to check for water. Then close again.

20. Find Spigot-5, Valve-H and Water Timer-1 in Greenhouse on far wall from door.



Air Pressure Device attached to Airchuck attached to DH



Spigot-5, Valve--H and Water Timer-1

21. Detach Water Timer-1.

- a. Un-thread from pipe by turning counterclockwise until it detaches. May require pliers.
- b. Remove black output tube from bottom of timer.
- c. Make sure timer is completely drained before storing in Greenhouse until summer.



Water Timer-1

22. Find Valve-H next to Spigot-5. It is a white globe with a red knob on top resembling a wing nut.

23. Twist red knob clockwise as far as it will go to close.

24. Open Spigot-5. Turn counterclockwise as far as it will go to open. If no water comes out, turn clockwise to close or close after water drains.

[Return to Fall](#)

Winter

Procedures for Winter

The main business of winter is keeping the North Drive to the cabin clear of snow and the firewood rack on the back porch well- supplied.

[\[Click here for map\]](#)

A. Road maintenance: [Instructions TBD]

B. Restock firewood in back porch rack as weather permits.

C. Check generator periodically for system readiness.
[Instructions TBD]

[RETURN TO MAIN MENU](#)

Spring

Procedures for Spring

The process for Spring reverses the process for Fall. Again, watch the weather for signs that temperatures will no longer dip below freezing, typically after May 15, before turning on outside irrigation system.

[\[Click here for map\]](#)

A. Turn on outside irrigation system.

[\[Click here for details.\]](#)

B. Check for winter damage.

C. Rake downed limbs and prepare debris burn piles.

D. Return log rack on back porch to Wood Shed.

E. Prepare ATV for spring: [Instructions TBD]

F. Bring out yard art from storage.

G. Uncover outside furniture for winter.

[RETURN TO MAIN MENU](#)

Turning on outside irrigation system:

Note: Some of these steps will require pliers.



A. Turn on Parent Valve

1. Find Spigot-3. Make sure spigot is turned all the way clockwise, which is the off position.
2. Find Valve-A, a white globe with a red knob on top resembling a wing nut, at the base of Spigot-3.
3. Make sure the red knob is twisted clockwise as far as it will go, which means it is closed.
4. Find Parent Valve and remove wooden ground-level cap.
5. Reach down in hole to find a green lever that is in a horizontal position, which means the system is off. Clear any debris from hole.



Spigot-3



Parent Valve cap

6. Push down on the green lever until it is in a vertical position, which turns on the water. Some water will leak out.

7. Replace ground-level cap.

B. Turn on water to pond area.

1. Find Valve-F, which is on the edge of the Lower Pond. It is a white globe at ground level with a red knob on top resembling a wing nut (but the wings on this valve have broken off). Use pliers to make sure that red knob is turned clockwise as far as it will go, which means it is off.

2. Find Spigot-1 near lower pond next to big fir tree on top of 2-foot pipe. Make sure spigot is turned clockwise as far as it will go, which means it is off.

3. Find Valve-E, which is on edge of upper pond near small Storage Shed. It is a white globe at ground level with a red knob on top resembling a wing nut. Make sure red knob is twist-

Green Lever



Parent Valve
in horizontal position



Lower Pond



Spigot-1

ed clockwise as far it will go, which means it is off.

4. Find Spigot-2 on the outside of the small Storage Shed by the Upper Pond. Make sure spigot is turned clockwise as far as it will go, which means it is off.



Upper Pond

5. Find Valve-D behind the washer/dryer in the laundry room, which looks like a black wheel with spokes.

6. Turn wheel counterclockwise as far as it will go to open.



Valve-D

Note: you will hear water gushing through pipes, which should diminish within two minutes. If you still hear water after that, re-check steps 1-4 to make sure valves and spigots are closed. If sound of water gushing still persist, close Valve-D by twisting clockwise and do not re-open until leak in system is discovered.

C. Turn on water to Greenhouse and Raised Bed Garden

1. Find Spigot-6 at end of Raised Bed Garden and twist clockwise as far as it will go to make sure that it is off.

2. Repeat Step 1 with Spigot-4 inside Raised Bed Garden and Spigot-7 at corner of Carport.

3. Find Spigot-5 in the Greenhouse and twist clockwise as far as it will go to make sure that it is off.

4. Find Valve-H next to Spigot-5 in the Greenhouse. It is a white globe with a red knob on top resembling a wing nut. Twist red knob clockwise as far as it will go to make sure that it is off.

5. Find Spigot-8 inside Kennel. It's about 4 feet off the ground. Twist clockwise as far as it will go to make sure that it is closed.

Valve-H



Spigot-5, Valve-H and WaterTimer-1

6. Find DH (dry hydrant) by the Kennel. It has a long green handle resembling an old-fashioned water pump.

7. Find Valve-G at base of DH. It is inside a black box with a green lid. It is a white globe with a red knob on top resembling a wing nut. Twist red knob clockwise as far as it will go to make sure that it is closed.

8. Thread detached white plastic fitting onto DH as if you were attaching a hose.

9. Lift long green handle on DH as far as it will go to turn on water.



Dry Hydrant (DH) and Valve-G (in off position)

**Return to
Spring**

Summer

Procedures for Summer

The main business of summer is preparing for wildland fire season and looking ahead to Winter.

[\[Click here for map\]](#)

A. Early Summer:

1. Mount AC unit in window.
2. Rake gravel back onto road as needed.
3. Prepare for wildland fire season
 - a. Get "Go Bags" ready for quick evacuation.

b. Other preparations for fire season.
[Instructions TBD]

4. Set up summer sprinkler system [Instructions TBD]

B. Late Summer:

1. Re-examine **defensible space**. Adjust if needed.

2. Monitor fire danger re: use of power equipment/chainsaws.

3. Monitor alerts from Klamath County Emergency Management.

4. Stack precut firewood in Wood Shed.

[RETURN TO MAIN MENU](#)

Glossary

Airchuck: A fitting on end of compressor hose that adapts compressor for different uses.

Air pressure device: A device that can be attached to a hose, and using air pressure, force water out of hose.

Defensible space: A natural and/or landscaped area around a structure, designed and maintained to reduce fire danger.

[RETURN TO MAIN MENU](#)