

County of Nevada

# DOMESTIC WATER SUPPLY PERMIT

Issued To

**Floriston Property Owners Assn**

For

**Floriston Water System  
System # 2900502**

By

**Nevada County Department of Environmental Health**

**Permit # : 01-59-19R-07**

**Effective From 10/21/2019 To 10/21/2020**



## **WHEREAS:**

1. The Nevada County Department of Environmental Health (herinafter Department) through, its Primacy Delegation Agreement with the State Water Resources Control Board (SWRCB) Division of Drinking Water (herinafter Division), is required to issue domestic water supply permits using a format prescribed by the Division.
2. On **10/21/2019**, the Floriston operating permit was reviewed and amended as deemed necessary by **Nevada County Department of Environmental Health** to operate a public water system. The application was submitted in accordance with Section 64254 of the California Code of Regulations'.
3. This public water system is known as the **Floriston Water System** (herinafter Water System) whose headquarters is located at **22261 Juniper St, Floriston, CA 96111**
4. The legal owner of the **Floriston** water system is **Floriston Property Owners Assn**, and, therefore, is responsible for compliance with all statutory and regulatory drinking water requirements and the conditions set forth in this permit.
5. The Public Water System and service area for which the permit application has been submitted is described in the technical report on file.
6. The **Floriston** is described below:

**COUNTY OF NEVADA  
COMMUNITY DEVELOPMENT AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH**

950 Maidu Avenue, Suite 170, Nevada City, CA 95959-8617  
(530) 265-1222 Fax: (530) 265-9853

Floriston Property Owners Assn  
22261 Juniper St  
Floriston, CA 96111

**Dear Business Owner/Operator:**

Thank you for your support of public health and safety. Below is your Annual Environmental Health Permit. Please detach and post at your business in view of your customers.

NOTE: Please notify us prior to any changes in ownership, location, or mailing address. If you have any questions or would like additional information, please feel free to contact us at (530) 265-1222 ext. 3.

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**COUNTY OF NEVADA  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
2019/2020 PERMIT YEAR CERTIFICATE OF OPERATION  
EXPIRATION DATE: OCTOBER 31, 2020**

November 05, 2019

**FACILITY NAME:** Floriston  
**FACILITY ADDRESS:** Jerry Stinson  
22261 Juniper St  
Floriston, CA 96111  
**FACILITY ID:** FA0001825

**This permit assures proof of application, remittance of annual fees and an agreement to comply with all applicable laws and regulations. This permit cannot be transferred to another owner/operator or location under any circumstances.**

PR0003587 4603 Surface Water System

Issued by:   
Amy Irani, Director

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# WATER SYSTEM DESCRIPTION

## Site

The Floriston Water System is a community water system serving the community of Floriston that has a population of approximately 75 people.

## Source

The source consists of spring water that is under the influence of surface water. The collection box is located above Floriston and the water is gravity fed to the treatment plant.

## Distribution

The distribution system is gravity fed from the 60,000 gallon bolted steel water storage tank. The chlorinated water is then distributed to the community via 4 and 6 inch pipes (transite and PVC).

## Treatment

Floriston Water System is currently by-passing their filtration system due to filter clogging because of excessive particulate matter and entrained air in the system. Currently chlorine injection is the only treatment being provided. The Water System is unable to meet the requirements of the Safe Drinking Water Act and is currently under a Tier 1 notification (Boil Water Order) and a Compliance Order. The Water System is receiving State Revolving Fund funding to assist with upgrades to the water system that will bring it back into compliance.

The technical report for the system is located in the systematic file.

## ***And WHEREAS:***

1. **Floriston Property Owners Assn** has submitted all of the required information relating to the proposed operation of the domestic water supply system.
2. The **Nevada County Department of Environmental Health** has evaluated all of the information submitted by **Floriston Property Owners Assn** and has conducted a physical inspection of the domestic water supply system.
3. The **Nevada County Department of Environmental Health** has delegated authority to issue domestic water supply permits pursuant to Health and Safety Code Section 116540.

***THEREFORE:*** The **Nevada County Department of Environmental Health** has determined the following:

1. The **Floriston** water system meets the criteria for and is hereby classified as a **Surface Water System**.
2. **Floriston Property Owners Assn** has demonstrated sufficient source capacity to serve the Water System during the estimated maximum day demand of the system with the storage tanks.
3. The design of the **Floriston** water system complies with the Water Works Standards and all applicable regulations.
4. **Floriston Property Owners Assn** has demonstrated adequate technical, managerial, and financial capacity to operate reliably the proposed water system.
5. Provided the following conditions contained within this permit are complied with, the **Floriston** water system should be capable of providing water to consumers that is pure, wholesome, potable and in compliance with statutory and regulatory drinking water requirements at all times.

**FLORISTON PROPERTY OWNERS ASSN IS HEREBY ISSUED THIS DOMESTIC WATER SUPPLY PERMIT TO OPERATE THE FLORISTON WATER SYSTEM.**

**GENERAL PERMITTING CONDITIONS:**

Floriston Property Owners Assn shall comply with the following general permit conditions:

1. **Floriston Property Owners Assn** shall comply with all the requirements set forth in the California Safe Drinking Water Act, Health and Safety Code and any regulations, standards or orders adopted thereunder.
2. No changes, additions, or modifications shall be made to the sources or method of treatment unless an amended water permit has first been obtained from the Department. No changes to the distribution system shall be made unless written approval for the changes has been provided from this Department.
3. **Floriston** water system shall record water usage at a minimum of once per month and records shall be retained for a period of 3 years for Department review.
4. **Floriston Property Owners Assn** shall safeguard sources from damage by cars, pollution, and other unauthorized access by installing appropriate protection around the well.
5. This permit supersedes all previous domestic supply permits issued for this public water system and shall remain in effect unless and until it is amended, revised, reissued, or declared to be null and void by this Department or the State Water Resources Control Board Division of Drinking Water. This permit is non-transferable. Should **Floriston** water system undergo a change of ownership, the new owner must apply for and receive a new domestic water supply permit.
6. The PS codes listed below shall be utilized for transmittal of water quality data. All chemical water quality monitoring results obtained at a certified laboratory shall be submitted to the Department using Electronic Data Transfer (EDT). All water supplied by the water system for domestic purposes shall meet all Maximum Contaminant Levels (MCLs) and Action Levels (ALs) established by the State Water Resources Control Board Division of Drinking Water. If the water quality does not comply with the California Drinking Water Standards, treatment shall be provided to meet standards.

SUMMARIZED BELOW IS A LIST OF ACTIVE SOURCES

<u>PRIMARY STATION CODE</u>	<u>SITE DESCRIPTION</u>	<u>DESCRIPTION</u>
2900502-001	Spring 03 (Raw)	Permanent (Primary Permitted Source)

The approved treatment includes the following processes:

SUMMARIZED BELOW IS A LIST OF ACTIVE TREATMENT

<u>PRIMARY STATION CODE</u>	<u>SITE DESCRIPTION</u>	<u>Treatment Number</u>	<u>Treatment Objective</u>	<u>Treatment Process</u>
2900502-002	Surface Water Treatment	2	Particulate Removal	Filtered

7. **Floriston** water system must comply with the chemical water quality monitoring schedule as provided. All water quality monitoring results in each calendar month must be submitted to the Department by the tenth day of the following month.
8. **Floriston** water system shall submit an updated Bacteriological Sample Site Plan (BSSP) to the Department at least once every ten years or if there is an increase in routine sampling, change in sampling or sampling sites, raw monitoring sampling requirements and at any time the plan no longer ensures representative monitoring of the system.
9. Based on the number of service connections and population served, the Water System is required to collect and analyze a minimum of **twenty-four (two per month, one from source and one from distribution)** bacteriological samples per year from distribution. Bacteriological samples shall be collected from within the distribution system and in accordance with the Bacteriological Sample Site Plan (BSSP). A BSSP is on file with the Department and must be updated, at least once every ten years and at any time the plan no longer ensures representative monitoring of the system.
10. In the event of distribution system pressure loss to 5 psi or below, the Water System shall implement its' emergency notification plan advising that upon re-pressurization of the system, the water not be consumed until sampling of the water demonstrates that the water is free of coliform bacteria in accordance to Section 64421 (b)(4), Article 3, Chapter 15, Division 4, Title 22 of the California Code of Regulations. The coliform sample results shall be submitted to the Department prior to providing water to users. Within 48 hours submit a report to the Department documenting the outage or depressurization. This report shall include the length of time of the incident and corrective measures taken.
11. In accordance to Section 64602, Article 8, Chapter 16, Division 4, Title 22 of the California Code of Regulations, the operating pressure shall be maintained at not less than 20psi.
12. **Floriston** Water System shall comply with Title 17 of the California Code of Regulations (CCR), to prevent the Water System and treatment facilities from being contaminated from possible cross-connections. All backflow prevention devices shall be tested annually. Records of all backflow device testing shall be submitted to the Department.
13. An Emergency Notification Plan (ENP) is on file. The emergency notification plan shall provide for immediate notice to the customers of the Water System of any significant rise in bacteriological count of water or other failure to comply with any primary drinking standard that represents an imminent danger to the health and safety of the water user.
14. The Water System shall notify the Department by telephone or other equally rapid means immediately upon discovery of any condition judged to create a significant potential or existing health hazard to users. Such conditions include, but are not limited to actual or threatened sabotage, vandalism and/or water outages, which result from inadequate source, storage or pump capacity or any other unplanned loss of system pressure.

## **SITE SPECIFIC PERMITTING CONDITIONS:**

The Floriston Property Owners Assn shall comply with the following site specific permit conditions:

1. The water system shall be operated by a California Certified Water Treatment Plant Operator, Grade T2 or above. In the event of a change in operator, provide this Department with the name and a copy of the operator's certification within thirty days.
2. The distribution system must be overseen by a California Certified Water Distribution System Operator, Grade D1 or above. In the event of a change in operator, provide this Department with the name and a copy of the operator's certification within thirty days.
3. The operator(s) shall maintain and operate the surface water treatment facilities as specified in the approved operations plan.
4. The water system shall provide updates, every calendar quarter, regarding the progress of the water system coming into compliance with the Surface Water Treatment Rule. The updates shall be submitted to this Department by the 10th of the month following the last day in the calendar quarter.
5. The water system shall provide Tier 1 public notification every calendar quarter. Copies of the notification and the Compliance Certification form shall be submitted to this Department by the 10th of the month following the last day in the calendar quarter.
6. The water system is required to meet a 3 log (99.9 percent) removal of Giardia lamblia cysts via filtration and disinfection; a 4 log removal (99.99 percent) inactivation of viruses via filtration and disinfection; and a 2 log (99 percent) removal of Cryptosporidium through filtration.
7. The combined water effluent turbidity of the Water System shall be less than or equal to 1.0 NTU in at least 95% of the measurements taken each month.
8. The Floriston Water System shall submit a monthly report and a contact time report to this Department prior to the 10th of each month following the reporting month.

This permit supersedes all previous domestic water supply permits issued for this public water system and shall remain in effect unless and until it is amended, revised, reissued, or declared to be null and void by the County of Nevada Department of Environmental Health. This permit is non-transferable. Should the Water System undergo a change of Ownership, the new owner must apply for and receive a new domestic water supply permit.

Any change in the source of water for the water system, any modification of the method of treatment as described in the permit report, or any addition of distribution system storage reservoirs shall not be made unless an application for such change is submitted to the County of Nevada Department of Environmental Health.

This permit shall be effective as of the date shown below.

**FOR Nevada County Department of Environmental Health**

  
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**Carrie Levenson, REHS, PHM**  
**Environmental Specialist III**

**Dated:** October 21, 2019

**COUNTY OF NEVADA  
COMMUNITY DEVELOPMENT AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH**

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