

State Water Resources Control Board

Division of Drinking Water

March 10, 2025

Ms. Cynthia Allen, General Manager
Vandenberg Village Community Services District
3745 Constellation Road
Lompoc, CA 93436

RE: Approval of Cross-Connection Control Plan, Vandenberg Village Community Services District, (CA4210017)

Dear Ms. Allen,

Thank you for the submission of the Cross-Connection Control Plan (CCCP) for Vandenberg Village Community Services District (VVCSD), submitted to the Division of Drinking Water (DDW) on February 21, 2025. Based on DDW's review of this CCCP, VVCSD has demonstrated compliance with the CCCP requirements of the Cross-Connection Control Policy Handbook (CCCPH), effective July 1, 2024. DDW has approved this CCCP.

Per the CCCPH, VVCSD is required to submit an updated CCCP to DDW at any time substantial revisions are made to the CCCP.

If you have any questions, please contact our office at (805) 566-1326.

Sincerely,



Digitally signed by
Jason Cunningham
Date: 2025.03.10
14:57:02 -07'00'
Boards

Jason Cunningham, P.E., District Engineer
Santa Barbara District
Division of Drinking Water
State Water Resources Control Board

CROSS-CONNECTION CONTROL (CCC) PROGRAM PLAN

Public Community Water System (PWS) Information

Public Water System Name	Vandenberg Village Community Services District
Public Water System Number	CA4210017
Number of Single-Family Residential Service Connections	2,436
Number of Multifamily Residential Service Connections	56
Number of Commercial Connections	68
Number of Industrial Service Connections	0
Number of Agricultural Service Connections	0
Number of Landscape Irrigation Connections	17
Total Number of Service Connections as of December 2024	2,577

Water System Ownership Type (check one):

- ☒ Public
☐ Privately-owned, PUC-Regulated
☐ Privately-owned, non-PUC-Regulated
☐ Privately-owned, Mutual Water Company or Association

PWS Background CCC Information

Number of Fire Protection System Service Connections (Residential)	15
Number of Fire Protection System Service Connections (Non-Residential)	10
Number of Air Gaps used for backflow protection at the service connection	Unknown
Number of Service Connections where internal protection is used in lieu of premises containment	Unknown
Number of Recycled Water (RW) use sites	0
Number of Swivel-ells used for backflow protection at the service connection (applies to Recycled Water use sites)	0
Number of Sites requiring a water user supervisor (CCCPH Section 3.2.2(f)) – applies to any sites using recycled water, complex piping systems, or a user supervisor deemed necessary by the PWS	0

**VANDENBERG VILLAGE COMMUNITY SERVICES DISTRICT
CODE OF ORDINANCES – EFFECTIVE DECEMBER 5, 2024**

2.16.3. CROSS-CONNECTION CONTROL/BACKFLOW PREVENTION PLAN

2.16.3.1. INCORPORATION

The regulations of the State Department of Public Health contained in Title 17 of the California Health and Safety Code §§ 116800 through 116820 and the State Water Resources Control Board Cross-Connection Control Policy Handbook (CCCPH) as referenced in California Health and Safety Code § 116407, as amended from time to time, are hereby incorporated by reference.

2.16.3.2. PROTECTIVE REGULATION

No physical connection between the potable water supply system of the public District and any other water supply will be permitted except in compliance with the regulations of the CCCPH, and current editions thereof. The District is not responsible for abatement of cross-connections that may exist within the property owner's premises.

2.16.3.3. HAZARD ASSESSMENTS AND REQUIRED PROTECTION

The Cross-Connection Control Specialist shall evaluate each connection to the water system for potential backflow hazards within five years of the implementation of this plan in accordance with CCCPH § 3.2.1.

To obtain water service, the property owner must cooperate with the District's assessment of potential hazards to the public water supply caused by conditions on the property owner's premises. The District will consider factors such as the presence of cross-connections, materials handled on the property, the likelihood of backflow, the complexity of the piping system, and the potential for modifications to the piping system that could increase the risk of cross-connection.

To protect the public water supply system, the minimum type of approved backflow protection is required to be installed under any of the following conditions:

- Where a fresh water supply, which has not been approved by the State Department of Public Health, is already available from a well, spring, reservoir, or other source. If the property owner agrees to abandon this other supply and agrees to remove all pumps and piping necessary for the utilization of this supply, the installation of backflow protective devices will not be required.
- Where salt water or water otherwise polluted, is available for industrial or fire protection purposes at the same premises.
- Where the premises are or may be, engaged in processes using or producing waters or liquid industrial wastes, or where the premises are, or may be, engaged in handling sewage or any other dangerous substances. Chemical or biological process waters and

water from public water supplies that have deteriorated to sanitary quality are included.

- Where circumstances are such that there is a special danger of backflow of sewage or other contaminated liquids through plumbing fixtures, water-using or treating equipment, or storage tanks and reservoirs.
- Where there is a repeated history of cross-connections being established or re-established.
- Where a backflow or cross-connection hazard is observed by a certified backflow tester.

2.16.3.4. TYPE AND EXPENSE OF PROTECTIVE DEVICES

The type of backflow protection must correspond to the level of hazard present on the property owner's premises. For premises with multiple hazards, the highest level of protection must be employed. The water user may opt for a higher level of protection than that required by the District. Each hazard will be assessed individually to determine the appropriate backflow protection device.

Any backflow prevention assembly utilized shall be of the type and design specified and approved for the circumstances by the State Office of Drinking Water and the University of Southern California (USC) Hydraulic Research Section. Such device shall be installed by and at the expense of the property owner, in a manner approved by the District and public health agency having jurisdiction and in a location that is readily available for periodic inspection. Information in greater technical detail as to requirements for District approval is available separately at the District office.

2.16.3.5. TESTING AND MAINTENANCE OF PROTECTIVE DEVICES

The property owner bears ultimate responsibility for conducting the annual field test of the backflow prevention assembly on their premises. Additionally, they must ensure the repair or replacement of the assembly within 30 days of receiving notification of a failed test.

Backflow prevention assemblies located on property owned by the District must undergo annual testing and be repaired or replaced as needed.

Backflow prevention assemblies must be tested by an individual with a valid certificate of competence from an American National Standards Institute (ANSI)-accredited certifying organization, recognized by SWRCB, and using a field test kit or gage with a valid calibration certificate. Testers must submit their tester and calibration certificates to the District before test reports will be accepted.

Testing is required upon installation, after repairs, and at least annually, or more frequently if inspections indicate repeated failures. The property owner is responsible for the cost of testing, repairing, overhauling, or replacing these devices. Records of tests, repairs, and overhauls must be maintained and made available to the District, its contractors or agents, and the public health agency with jurisdiction.

2.16.3.6. CORRECTIVE ACTION

2.16.3.6.1. INSTALL, TEST, REPAIR

Should the property owner refuse to comply with this Cross-Connection Control Plan within 90 days of the first notice, the District may contract the installation, testing, and/or repair of a backflow device at the owner's expense.

2.16.3.6.2. DISCONTINUANCE OF SERVICE

The District may refuse or discontinue service until the property owner has installed an approved device of the required type to protect against the backflow of water from the property owner's premises into the District's system.

2.16.3.7. PUMPS AND BOOSTERS

When a property receiving service at the District's main or service connection must utilize a pump to elevate or increase the pressure of the water received, the pump shall not be attached to any pipe directly connected to the District's main or service pipe. Such pumping or boosting of pressure shall be done from a sump, cistern, or storage tank which may be served by but not directly connected with, the District's distribution facilities.

Air gap installations after July 1, 2024 at service connections must be reviewed and approved by the State Water Board (DDW) before installation.

2.16.3.8. CROSS-CONNECTION CONTROL PLAN PERSONNEL

The General Manager is designated as the Cross-Connection Control Program Coordinator. The Cross-Connection Control Program Coordinator is responsible for the development of and is responsible for the reporting, tracking, and other administrative duties of this cross-connection control plan.

At least one member of the field crew shall take the necessary courses and examinations to become ANSI-certified as a Cross-Connection Control Specialist.

2.16.3.9. INVESTIGATIONS

The Cross-Connection Control Specialist shall promptly investigate all reports of suspected backflow or cross-connections and report findings to the Cross-Connection Control Program Coordinator and the Operations and Maintenance Manager.

2.16.3.9.1. INCIDENT NOTIFICATION

The Cross-Connection Control Program Coordinator and/or the Operations and Maintenance Manager shall notify the State Water Board, local health agencies, and other interested local entities of any known or suspected backflow incident within 24 hours of the determination. If required by the State Water Board, the District shall issue a Tier 1 public notice.

2.16.3.10. PUBLIC OUTREACH AND EDUCATION

The District shall provide information on cross-connection control and backflow prevention to its customers and property owners through periodic bill inserts, new property owner documentation, and the District's annual consumer confidence report.

2.16.3.11. RECORDKEEPING

The District will keep records of hazard assessments and backflow prevention assembly testing per CCCPH § 3.5.1, using a cloud-based tracking system that maintains up-to-date and relevant historical information.

2.20.3. CROSS-CONNECTION AND PROTECTIVE DEVICES

2.20.3.1. PHYSICAL CONNECTION

No physical connection between the wastewater system of the District and any other water or wastewater supply will be permitted.

2.20.3.2. PROTECTIVE DEVICES REQUIRED

The District will require the installation of approved backflow protection where the circumstances are such that there is a special danger of backflow of wastewater onto the property owner's premises.

2.20.3.3. TYPE AND EXPENSE OF PROTECTIVE DEVICES

See Ordinance 2.16.3.4.

2.20.3.4. PERIODIC INSPECTION OF PROTECTIVE DEVICES

See Ordinance 2.16.3.5.

2.20.3.5. REFUSAL TO SERVE OR DISCONTINUANCE OF SERVICE FOR FAILURE TO INSTALL PROTECTIVE DEVICES

See Ordinance 2.16.3.6.2.

Cross-Connection Control Program Plan

Certification Page

I certify that the information submitted in this plan is accurate and we will comply with the Cross-Connection Control Policy Handbook (effective date July 1, 2024).

Public Water System Representative

Name: Cynthia Allen, Ph.D.	Title: General Manager
Signature:	Date:

Public Water System Designated Certified Cross-Connection Specialist

Name: Benjamin Quinlan	Title: Service Person / Cross-Connection Specialist
Signature:	Date:

ATTACHMENTS TO THIS PLAN

Attachment A – Copy of legal authority used to implement CCC Program

Attachment B – Cross-Connection Control Program Coordinator

ATTACHMENT A

Operating Rules or Ordinances (Legal Authority).

Per the CCCPH, each PWS must have operating rules, ordinances, by-laws, resolution, or service contract or agreement to implement the CCC program.

The PWS has adopted the following, which authorizes the PWS to implement a CCC program (choose one).

☐ Operating Rules. Title of Operating Rules and date adopted:

☒ Ordinance. Ordinance no. and date adopted:

Ordinances §§2.16.3 et. seq and §§2.20.3 et. seq. adopted by the Board of Directors on November 5, 2024

☐ Resolution. Resolution no. and date adopted:

☐ By-Law. By-law no. and date adopted:

☐ Service Contract or Agreement. Describe:_____

☐ Other. Describe: _____

The PWS's legal authority also authorizes the PWS to perform the following corrective action in the event a water user fails to comply with the CCC Program in a timely manner: (choose all that apply)

☒ Deny or discontinue water service to a water user

☒ Install, inspect, field test, and/or maintain a BPA at a water user's premises.

☐ Use of penalty fine(s) on water user, including billing a water user for BPA installation, inspection, field test, and/or maintenance.

☐ Other. Describe: _____

ATTACHMENT B**Cross-Connection Control Program Coordinator.**

Name of Designated Certified CCC Specialist	Benjamin Quinlan
Address	3745 Constellation Road, Lompoc, CA 93436
Email	bquinlan@vvcasd.org
Phone Number	(805) 944-8366
Specialist Certification Number and Certifying Organization	S05-847 American Backflow Prevention Association

Name of CCC Coordinator	Cynthia Allen, Ph.D.
Email	callen@vvcasd.org
Phone Number	(805) 733-3417

Name of 24-hour CCC Contact (can be the CCC Specialist or a designee)	Benjamin Quinlan
Email	bquinlan@vvcasd.org
24-hour Phone Number	(805) 944-8366