



COUNTY *of* VENTURA

Grand Jury

800 South Victoria Avenue
Ventura, CA 93009
Tel (805) 477-1600
Fax (805) 658-4523
grandjury.countyofventura.org

This response was given using the 2020-2021 Ventura County Grand Jury Report form. The form should have reflected the Ventura County Grand Jury Report form 2021-2022.

We regret any confusion this may cause.

Sincerely,

Keith Frost
Foreperson
Ventura County Grand Jury (2022-2023)



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Ventura County
Grand Jury

Board of Directors

Leon Shapiro, Chair

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August 1, 2022

Ventura County Grand Jury
800 South Victoria Avenue
Ventura, CA 93003

CYBERSECURITY OF WATER PROVIDERS IN VENTURA COUNTY

Attached are the responses from Triunfo Water & Sanitation District to the questionnaire that accompanied the Grand Jury's May 11, 2022, Final Report on Cybersecurity of Water Providers in Ventura County. If you have any questions, please contact Dave Rydman at (805) 658-4643.

cc: Justice Bruce A. Young



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Response to 2020-2021 Ventura County Grand Jury Report Form (Please See California Penal Code Section 933.05)

Report Title: Cybersecurity of Water Providers in Ventura County

Responding Entity: Triunfo Water District

FINDINGS

- I (we) agree with the Findings numbered: 1-9
- I (we) disagree wholly or partially with the Findings numbered: _____
(Attach a statement specifying any portions of the Findings that are disputed; include an explanation of the reasons.)

RECOMMENDATIONS

- Recommendations numbered 1, 2, 6 have been implemented.
(Attach a summary describing the implemented actions.)
- Recommendations numbered 3, 4, 5 have not yet been implemented but will be implemented in the future.
(Attach a summary indicating the timeframe for implementation.)
- Recommendations numbered _____ require further analysis.
(Attach an explanation to include: scope and parameters of the analysis or study and timeframe for the matter to be prepared for discussion with the agency or department head. The timeframe shall not exceed six months from the date of publication of the report.)
- Recommendations numbered _____ will not be implemented because they are not warranted or are not reasonable.
(Attach an explanation.)

Date: August 1, 2022

Signed: [Signature]

Title: Operations Manager

Number of pages attached: 2

1. The Grand Jury recommends that the investigated public water providers regularly assess their cybersecurity, addressing both IT and SCADA, consistent with EPA and CISA recommended best practice.

Answer:

The Triunfo Water & Sanitation District assumed sole operation of its water, wastewater, and recycled water on July 1, 2022. Triunfo has installed and maintains firewalls for its SCADA infrastructure and utilizes multifactor authentication for all operators to access and modify its SCADA system.

Triunfo Water & Sanitation District has retained a consultant to provide a Vulnerability Assessment for its SCADA system.

2. The Grand Jury recommends that the investigated public water providers regularly share and exchange information regarding cybersecurity threats, attacks, projections and remedies, and provide training, using such forms as the AWAVC.

Answer:

The Triunfo Water & Sanitation District has not experienced a cybersecurity event and informs its IT vendor, Frontier Technology Inc., of any suspicious activity in a timely manner. Information regarding any potential threats is disseminated by email to all employees. Triunfo will be developing an annual refresher training program for cybersecurity for its employees.

3. The Grand Jury recommends that the investigated public water providers use free federal and state expert assistance to enhance cybersecurity.

Answer:

Triunfo's IT service provider, Frontier Technology Inc. ensures software upgrades to the latest versions are implemented in a timely manner. Ventura Regional Sanitation District provides contract service for Triunfo's SCADA system and similarly ensures software upgrades for Triunfo's SCADA system are implemented in a timely manner. Triunfo's operators use multi-factor authentication for remote access to the SCADA system. Because Triunfo has only operated as a stand-alone agency since July 2021, most IT systems and software are relatively new. Triunfo will work with its IT vendor, Frontier Technology, Inc. to ensure IT systems are kept up to date and unused software is removed from computers. Triunfo has registered for CISA's Cyber Hygiene Vulnerability Scanning service.

4. The Grand Jury recommends that the investigated public water providers regularly conduct cybersecurity awareness training.

Answer:

Triunfo Water & Sanitation District will develop and provide an annual cybersecurity refresher training course for its employees by December 31, 2022.

5. The Grand Jury recommends that the investigated public water providers address recovery from cybersecurity incidents in their business recovery plans.

Triunfo Water & Sanitation District will incorporate recovery from cybersecurity incidents in its business recovery plan by June 30, 2023.

6. The Grand Jury recommends that the investigated public water providers regularly establish a CISA-compliant internal protocol for reporting cyber incidents.

All Triunfo Water & Sanitation District employees are required to notify Frontier Technology, Inc., by email when there is a potential cyber security incident related to phishing or malware. All cyber security incidents will be reported to CISA/US-CERT as required by the NIST Computer Security Incident Handling Guide.