



COUNTY OF SAN DIEGO

DEPARTMENT OF ENVIRONMENTAL HEALTH

Land and Water Quality Division

5500 Overland Avenue, Suite 210 • San Diego, CA • 92123

Phone (858) 694-3113 • FAX (858) 514-6583

SMALL PUBLIC WATER SYSTEM INSPECTION REPORT

WATER SYSTEM ID NUMBER <input type="text" value="3701837"/>	INSPECTION DATE <input type="text" value="06/15/2018"/>	SYSTEM CLASSIFICATION <input type="text" value="Community"/>	For Official LPA Use Only <input type="text" value="ENP"/> <input checked="" type="radio"/> Attachments Included
Source Classification <input type="radio"/> Surface Water <input type="radio"/> Ground Water (W/ Treatment) <input checked="" type="radio"/> Ground Water (No Treatment)	Time In: <input type="text"/> Time Out: <input type="text"/>	Inspection Time <input type="text"/>	
Water System Name <input type="text" value="Wynola Water District"/>	Name of Certified Operator <input type="text" value="Tim Taschler & Brian Lightbody"/>		
Site Address <input type="text" value="4839 Glenside Road, Santa Ysabel, CA 92070"/>	Name of Owner <input type="text" value="Wynola Water District"/>		
Inspector <input type="text" value="Jamelle K. McCullough, Breyanna Lyles, Joseph Palmer"/>	Also Present (Name) <input type="text" value="Tim Taschler, Brian Lightbody"/>		

VIOLATION REPORT: The small water system inspection was conducted to determine compliance with the California Health and Safety Code (H&SC); Titles 17 and 22 of the California Code of Regulations (CCR); and California Well Standards (DWR Bulletins 74-81 and 74-90). The items checked below are **NOT** in compliance with stated sections of the H&SC, CCR, DWR Bulletins 74-81 and 74-90, and/or Local Ordinances and need to be corrected.

<p>PERMITS</p> <p><input type="checkbox"/> Health Permit - \$8.02.040</p> <p><input type="checkbox"/> Public Water System Permit - \$116525(a)</p> <p><input type="checkbox"/> Technical Report - \$116530</p> <p><input type="checkbox"/> Source Water Assessment - \$64560</p> <p><input type="checkbox"/> Change of Ownership - \$116525(a)</p> <p><input type="checkbox"/> Permit Amendment - \$116550(a), \$64556</p> <p>OPERATING CRITERIA</p> <p><input type="checkbox"/> Operator Certification - \$106885</p> <p><input type="checkbox"/> Operational Requirements - \$116555</p> <p><input type="checkbox"/> Standby Sources - \$64414</p> <p><input type="checkbox"/> Source Capacity - \$64554(a)</p> <p><input type="checkbox"/> Source Flow Meter - \$64561</p> <p><input type="checkbox"/> Operation and Maintenance Plan - \$64600</p> <p><input type="checkbox"/> Surface Water Operations Plan - \$64661</p> <p>RECORDS/REPORTING</p> <p><input type="checkbox"/> Routine Sample Siting Plan - \$64422</p> <p><input type="checkbox"/> Bacteriological Reporting - \$64423.1(c)</p> <p><input type="checkbox"/> Analytical / EDT Reporting - \$64469</p> <p><input type="checkbox"/> Record Maintenance - \$64470</p> <p><input type="checkbox"/> Disinfection Residual/By-Product Monitoring Plan - \$64534.8</p> <p><input type="checkbox"/> Surface Water Treatment Records - \$64662</p> <p><input type="checkbox"/> LPA Notification - \$64663</p> <p><input type="checkbox"/> Surface Water Monthly Report - \$64664</p> <p><input type="checkbox"/> Groundwater Monthly Report</p> <p><input type="checkbox"/> Electronic Annual Report - \$116530</p>	<p>WATER QUALITY MONITORING</p> <p><input type="checkbox"/> Bacteriological Standards - \$64421, \$64426.1</p> <p><input type="checkbox"/> Bacteriological Monitoring - \$64423, \$64424</p> <p><input type="checkbox"/> Inorganic Chemical Standards - \$64431</p> <p><input type="checkbox"/> Inorganic Chemical Monitoring - \$64432</p> <p><input type="checkbox"/> Organic Chemical Standards - \$64444</p> <p><input type="checkbox"/> Organic Chemical Monitoring - \$64445.1</p> <p><input type="checkbox"/> Nitrate/Nitrite Standards - \$64432.1</p> <p><input type="checkbox"/> Radionuclide Standards - \$64442, \$64443</p> <p><input type="checkbox"/> Secondary MCL Standards - \$64449</p> <p><input type="checkbox"/> Disinfection Residuals/By-Product Rule - \$64530 (Ch. 15.5)</p> <p><input type="checkbox"/> Lead and Copper Rule - \$64675 (Ch. 17.5)</p> <p>SURFACE WATER TREATMENT</p> <p><input type="checkbox"/> Surface Water Treatment Rule - \$64652</p> <p><input type="checkbox"/> Filtration - \$64653</p> <p><input type="checkbox"/> Disinfection Treatment - \$64654</p> <p><input type="checkbox"/> Source Water Monitoring - \$64655</p> <p><input type="checkbox"/> Turbidity Monitoring - \$64655</p> <p><input type="checkbox"/> Disinfection Monitoring and Contact Time - \$64656</p> <p><input type="checkbox"/> LT2 ESWTR Monitoring - 40 CFR §141.70</p> <p>TREATMENT SYSTEM</p> <p><input type="checkbox"/> Additives (NSF 60/61 Approval) - \$64590-\$64591</p> <p><input type="checkbox"/> Chlorinator Functioning - \$64650(b)</p> <p><input type="checkbox"/> Filter Functioning - \$64650(b)</p> <p><input type="checkbox"/> Treatment System Maintenance - \$64600</p> <p><input type="checkbox"/> Sampling of Treated Water Sources - \$64432.8</p>
--	---

<p><u>PUBLIC NOTIFICATION</u></p> <p><input type="checkbox"/> Public Notification - §116450, §64463, §64666</p> <p><input type="checkbox"/> Emergency Notification Plan - §116460</p> <p><input type="checkbox"/> Consumer Confidence Report - §116470, §64480-§64483</p> <p><u>SURFACE WATER SOURCE PROTECTION</u> (H&SC, Title 22 CCR)</p> <p><input type="checkbox"/> Intake vulnerable to contamination</p> <p><input type="checkbox"/> Intake pipe screened or otherwise protected from debris</p> <p><input type="checkbox"/> Area clear of brush, debris, waste, vectors</p> <p><input type="checkbox"/> Standby source available</p> <p><u>GROUND WATER SOURCE PROTECTION</u> (DWR Bulletins 74-81 and 74-90, H&SC)</p> <p><input type="checkbox"/> Enclosure of well and appurtenances</p> <p><input type="checkbox"/> Well/well casing with cover or lock</p> <p><input type="checkbox"/> Well cap watertight</p> <p><input type="checkbox"/> Well access openings sealed</p> <p><input type="checkbox"/> Well marked for identification</p> <p><input type="checkbox"/> Concrete base/well slab constructed properly</p> <p><input type="checkbox"/> Check valve installed at well head</p> <p><input type="checkbox"/> Backflow prevention protection</p> <p><input type="checkbox"/> Area clear of brush, debris, waste, rodent activity</p> <p><input type="checkbox"/> Well vulnerable to possible contaminating activity</p> <p><input type="checkbox"/> Insufficient well protection zone</p> <p><input type="checkbox"/> Well construction - §64560(c)</p> <p><input type="checkbox"/> Well destruction - §64560.5</p> <p><input type="checkbox"/> Groundwater Rule - §64430, §141.400</p>	<p><u>RESERVOIR/STORAGE</u></p> <p><input type="checkbox"/> Storage Capacity - §64554(a)(2)</p> <p><input type="checkbox"/> Reservoir Coating/Lining - §64585(a)(1)</p> <p><input type="checkbox"/> Contaminant Exclusion - §64585(a)(2)</p> <p><input type="checkbox"/> Sampling Tap - §64585(a)(3)</p> <p><input type="checkbox"/> Reservoir Design and Construction - §64585(b)</p> <p><input type="checkbox"/> Area clear of brush and debris</p> <p><u>DISTRIBUTION SYSTEM</u></p> <p><input type="checkbox"/> Distribution System Layout - §64604</p> <p><input type="checkbox"/> Minimum Pressure - §64602</p> <p><input type="checkbox"/> Water Mains and Valves - §64570-§64578</p> <p><input type="checkbox"/> Flushing Pipelines - §64575</p> <p><input type="checkbox"/> Equipment Maintenance (pumps, pipes, valves)</p> <p><u>CROSS CONNECTION CONTROL</u></p> <p><input type="checkbox"/> Cross Connection Control Program - §7584</p> <p><input type="checkbox"/> Adequate Protection Maintained - §7604</p> <p><input type="checkbox"/> Testing Backflow Prevention Devices - §7605</p> <p><input type="checkbox"/> Maintenance of Records - §7605</p> <p><u>OTHER</u></p> <p><input type="checkbox"/> _____</p> <p><input type="checkbox"/> _____</p> <p><input type="checkbox"/> _____</p>
--	---

OBSERVATIONS/VIOLATION REPORT:

The following observations were noted during the inspection of the drinking water system. Additional detail on each of the identified violations of the California Code of Regulations, California Health and Safety Code, and California Well Standards are provided below.

BACKGROUND

Wynola Water District (WWD) water system is classified as a community public water system and provides pressurized potable water for daily use to 71 residential homes of Wynola Estates. The water system has five active ground water sources: Well 3 (PS Code 3701837-003), Well 7 (PS Code 3701837-007), Well 9 (PS Code 3701793-009), Well 10 (PS Code 3701837-010) and Well 11 (PS Code 3701837-011). Water storage consists of one 65,000 gallon and one 45,000 gallon above ground bolted steel storage tanks. The water system has 5,000 gallons of additional storage in the horizontal pressure tank used to pressurize the distribution system.

A site investigation was conducted on June 15, 2018 in order to follow-up from the sanitary survey conducted on January 17, 2017 and verify that all action items identified on the 2017 inspection report have been addressed.

Primary Source Code – To Be Reported by Laboratory to SWRCB	
SOURCE NAME	PRIMARY SOURCE CODE (PS CODE)
Well 03	3701837-003
Well 07	3701837-007
Well 09	3701837-009
Well 10	3701837-010
Well 11	3701837-011

OBSERVATIONS/VIOLATION REPORT Continued:

SUMMARY OF ACTION ITEMS REQUIRED FOR THE WYNOLA WATER DISTRICT

1. WWD is classified as an untreated community water system and shall not introduce additives to the drinking water unless approved by DEH. Both Tim Taschler and Brian Lightbody were present during the site investigation and confirmed that unapproved chemicals have not been routinely introduced into the drinking water system since the new Board took over 01/01/2017. Chlorine was not detected at the distribution system during the visit.
2. A new Bacterial Site Sampling Plan was submitted and approved to DEH on 03/10/2017.
3. Well 11 is currently maintained within a secured cage enclosure. The enclosure provides the minimum amount of protection required for the well head.
4. Gravel was observed surrounding the well slabs of each well which previously was noted to have rodent activity near the slab. No active rodent activity was observed during the visit.
5. Each well was properly identified during the visit.
6. A Revised Emergency Notification Plan was submitted to the LPA on 03/10/2017, however, updates are required now that Brian Lightbody services as a main point of contact. **Within 30 days**, provide a revised ENP to include correct points of contact for WWD.
7. During the site visit, observed a testable backflow device that isolated the fire suppression system in the pump room from the potable water supply. Following the investigation, documentation was submitted that the backflow device was tested on 06/22/2018 and passed as required.
8. The well discharge lines remain wrapped for insulation of the above ground pipe. It is suggested that a photograph of each well be maintained (and available upon request) that identifies the well location/well number and documentation that a check valve exists for each discharge line.

Submit all requested documentation and photographs to: Jamelle.mccullough@sdcounty.ca.gov.

07/16/2018

Jamelle K McCullough
Environmental Health Inspector
Local Primacy Agency

Date