



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH

Land and Water Quality Division

5500 Overland Ave., Suite 210
San Diego, CA 92123

PHONE (858)565-5173/(800)253-9933 FAX (858) 694-3670

Water System Inspection

Page 1 of 6

Date of Inspection 11/2/11

Permit # 3701837

Name of Water System Wynola Water District

Owner/Operator Ray Mitchell

Site address 1234 Lakedale Road, Julian, CA 92036

Telephone (760) 765-0276

Treatment Yes / No

email mittchells@rethere.com

System classification Community Name of Certified Operator Murray A. Tomlinson D4 #2320

Max daily population 120 Total Yearly Population _____ Number of Service Connections 87

VIOLATION REPORT: The inspection of your small water system 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); California Well Standards; and the San Diego County Code (SDCC). The items checked below are **NOT** in compliance with stated sections of the H&S, CCR, and/or the SDCC.

<p>SOURCE PROTECTION CA Well Standards, H&SC</p> <p><input type="checkbox"/> Well/well casing with cover or lock, v36</p> <p><input type="checkbox"/> Well cap water tight, v37</p> <p><input type="checkbox"/> Well marked for identification, v39</p> <p><input type="checkbox"/> Area clear of brush, debris, waste, v40</p> <p><input type="checkbox"/> Vulnerable to contamination, v41</p> <p><input type="checkbox"/> Backflow device at pump discharge pipes, v46</p> <p><input type="checkbox"/> Chemical feeders/injector with backflow device, v47</p> <p><input type="checkbox"/> Well site locked, v49</p> <p><input type="checkbox"/> Free of rodent activity, v50</p> <p><input type="checkbox"/> Abandoned wells properly destroyed, v10</p> <p>RESERVOIR/STORAGE CCR Title 22, Sec. 64600 & 64602</p> <p><input type="checkbox"/> Potable storage capacity <u>112,500 gallons</u> v22</p> <p><input type="checkbox"/> Properly constructed/Secured/In good repair, v20, v21</p> <p><input type="checkbox"/> Storage tank foundation clear of brush, v40</p> <p><input type="checkbox"/> Storage tank vulnerable to contamination, v10</p> <p>DISTRIBUTION SYSTEM CCR Title 22</p> <p><input type="checkbox"/> Pipes without leaks, Sec. 64560, v23</p> <p><input type="checkbox"/> Pumps maintained, Sec. 64560, v24</p> <p><input type="checkbox"/> Valves maintained, Sec. 64560, v25</p> <p><input type="checkbox"/> Adequate flushing program, Sec. 64560, v26</p> <p><input type="checkbox"/> Proper piping materials, Sec. 64560, v27</p> <p>TREATMENT SYSTEM CCR Title 22</p> <p><input type="checkbox"/> Chlorinator Functioning, Sec. 64447, v29</p> <p><input type="checkbox"/> Treatment System Functioning, Sec. 64447, v30</p> <p><input type="checkbox"/> Daily chlorine residual log available/complete, v35</p> <p><input type="checkbox"/> System not maintaining proper chlorine residual, Sec. 64447</p> <p><input type="checkbox"/> Disinfection By-Product Rule monitoring, Sec. 64439</p>	<p>CROSS CONNECTION CONTROL CCR Title 17</p> <p><input type="checkbox"/> Testing/Maintenance of Backflow Prevention Devices, Sec. 7605, v57</p> <p><input type="checkbox"/> Cross Connect Control Program, Sec. 7584 & 7585, v58</p> <p><input type="checkbox"/> Trained/Certified Personnel, Sec. 7584, v59</p> <p><input type="checkbox"/> Maintenance records kept on site, Sec. 7584, v60</p> <p>RECORDS</p> <p><input type="checkbox"/> Water Supply Permit Current, Sec. 116540 H&SC, v64</p> <p><input type="checkbox"/> Health Permit Current, Sec. 65.102 SDCC, v65</p> <p><input type="checkbox"/> Emergency Notification Plan Current, Sec 116460 H&SC, v66</p> <p><input type="checkbox"/> Sample Siting Plan Current, Sec 64422 CCR, v67</p> <p>WATER QUALITY MONITORING CCR Title 22</p> <p><input type="checkbox"/> Bacteriological Standard, Sec. 64426.1, v02</p> <p><input type="checkbox"/> Organic Chemical Standard, Sec. 64444, v03</p> <p><input type="checkbox"/> Inorganic Chemical Standard, Sec. 64432, v04</p> <p><input type="checkbox"/> Radioactivity Standard, Sec. 64441, v05</p> <p><input type="checkbox"/> Nitrate/Nitrite Standard, Sec. 64432.1, v06</p> <p><input type="checkbox"/> Secondary Water Standard, Sec. 64449, v08</p> <p><input type="checkbox"/> Lead and Copper Rule, Chapter 17.5, (Comm. & NTNC systems)</p> <p>PUBLIC NOTIFICATION</p> <p><input type="checkbox"/> Notification of public/Department of water quality failure, Sec 116450, H&SC & Title 22, Sec. 64464.3, v68</p> <p><input type="checkbox"/> Consumer Confidence Report current, H&SC 116470 & Title 22 Sec. 64480, v69</p> <p>OPERATOR CERTIFICATION PROGRAM H&SC</p> <p><input type="checkbox"/> Operator Certified <u>6/1/2012</u> expiration, (Treated, Comm., NTNC systems) Sec. 106885, v34</p> <p>SURFACE WATER</p> <p><input type="checkbox"/> Surface Water Treatment Rule in compliance, Sec. 64650, v09</p> <p><input type="checkbox"/> Daily Turbidity Monitoring, Sec. 64655, v61</p> <p><input type="checkbox"/> Operator Maintaining Records, Sec. 64662, v35</p>
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Owner/Operator Emailed Date _____ Specialist jm Date 11/4/11

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DEPARTMENT OF ENVIRONMENTAL HEALTH

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NAME of WATER SYSTEM: Wynola Water District Date 11/2/11 Permit # 3701837

VIOLATION REPORT: The items checked in page 1 of this report refer to specific section numbers of Titles 17 and 22 of the California Code of Regulations (CCR), the Health and Safety Code (HSC), the California Well Standards; and/or the San Diego County Code (SDCC).

A sanitary survey inspection was conducted on 11/2/11 of the Wynola Water District with the assistance of Ray Mitchell, Operations and JoAnn Bernard, Board President.

Wynola Water District is classified as a community public water system that serves 71 residential homes (87 service connections). The system is made up of five active wells - #3, #7, #9, #10 and #11. -AND- one stand by source - well #6. Water storage consists of one 65,000 gallon tank and one 45,000 gallon tank both of which are above ground and steel. In addition to the water storage tanks is a pressure tank that holds approximately 2,500 gallons.

Continue with rodent abatement practices. Observed rodent droppings at clay valve located inside the pump room.

Fire suppression system installed at pump room requires a testable backflow device. The backflow device will prevent stagnant water sitting in fire suppression pipes from entering the drinking water.

Observed non-functional pressure gauge at well cap of well #9. Highly recommend replacement of pressure gauge with a proper sized bolt to prevent the entry of contamination into well #9.

Observed large generator adjacent to pump house. Per Ray Mitchell, generator provides approximately 30 hours of power to water system in the event of an emergency.

Emailed to Ray Mitchell

Jamelle McCullough
Environmental Health Specialist

11/4/11
Date

Date

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DEPARTMENT OF ENVIRONMENTAL HEALTH

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NAME of WATER SYSTEM: Wyndia Water District Date 11/2/11 Permit # 3701837

VIOLATION REPORT: The items checked in page 1 of this report refer to specific section numbers of Titles 17 and 22 of the California Code of Regulations (CCR), the Health and Safety Code (HSC), the California Well Standards; and/or the San Diego County Code (SDCC).

Emergency Notification Plan was updated at time of inspection.
Sample site Plan was updated at time of inspection.

Extensive Water Quality testing is due in 2011. Pages 4-6 of this report outline requirements.

Emailed to Ray Mitchell

Jamelle McElough
Environmental Health Specialist

Title
11/4/11
Date

Date

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DEPARTMENT OF ENVIRONMENTAL HEALTH

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WATER SYSTEM: Wynola Water District DATE 11/2/11 PERMIT # 3701837

The following chart(s) detail your water quality monitoring. If you are aware of analyses not recorded below, submit a copy to DEH - Land & Water Quality Division, 5500 Overland Ave., Ste. 210, San Diego, CA 92123.

Source: <u>Well 3</u>				
CHEMICAL	LAST TEST	TEST DUE	FREQUENCY	WAIVER
General Mineral / General Physical*	<u>7/30/08</u>	<u>2011</u>	<u>3yrs.</u>	<u>-</u>
Inorganic Chemical Standard**	<u>7/30/08</u>	<u>2011</u>	<u>3yrs.</u>	<u>-</u>
Nitrate Standard	<u>6/21/10</u>	<u>2011</u>	<u>Annually</u>	<u>-</u>
Nitrite Standard	<u>7/30/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>-</u>
Volatile Organic Chemical (VOC) Standard***	<u>7/30/08</u>	<u>2014</u>	<u>6yrs.</u>	<u>-</u>
Synthetic Organic Chemical (SOC) Standard (Atrazine & simazine only required for pristine sources)	<u>5/31/01</u> <u>6/21/10</u>	<u>N/A</u> <u>2019</u>	<u>once</u> <u>- Atrazine/Simazine only</u>	
Radioactivity Standard - Gross Alpha	<u>3/14/07</u>	<u>2016</u>	<u>9 yrs.</u>	<u>yes</u>
Radioactivity Standard - Uranium	<u>3/14/07</u>	<u>2016</u>	<u>9 yrs.</u>	<u>yes</u>

Source: <u>Well 7</u>				
CHEMICAL	LAST TEST	TEST DUE	FREQUENCY	WAIVER
General Mineral / General Physical*	<u>7/30/08</u>	<u>2011</u>	<u>3yrs.</u>	<u>-</u>
Inorganic Chemical Standard**	<u>7/30/08</u>	<u>2011</u>	<u>3yrs.</u>	<u>-</u>
Nitrate Standard	<u>6/21/10</u>	<u>2011</u>	<u>Annually</u>	<u>-</u>
Nitrite Standard	<u>7/30/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>-</u>
Volatile Organic Chemical (VOC) Standard***	<u>5/25/05</u>	<u>2011</u>	<u>6yrs.</u>	<u>-</u>
Synthetic Organic Chemical (SOC) Standard (Atrazine & Simazine only required for pristine sources)	<u>3/3/05</u> <u>3/3/05</u>	<u>2016</u>	<u>- Atrazine & Simazine only</u>	
Radioactivity Standard - Gross Alpha	<u>3/14/07</u>	<u>2016</u>	<u>9 yrs.</u>	<u>yes</u>
Radioactivity Standard - Uranium	<u>3/14/07</u>	<u>2016</u>	<u>9 yrs.</u>	<u>yes</u>

Distribution System				
CHEMICAL	LAST TEST	TEST DUE	FREQUENCY	WAIVER
Disinfection By-Product Rule (Chlorinated Community & NTNC systems only)	<u>N/A</u>	<u>N/A</u>	<u>Annually</u>	<u>No</u>
Lead and Copper Rule (Community & NTNC only)	<u>6/21/10</u>	<u>2013</u>	<u>3 yrs.</u>	<u>No</u>

***General Mineral/ General Physical:** aluminum, color, copper, foaming agents (MBAS), iron, manganese, methyl-tert-butyl ether (MTBE), odor threshold, silver, thiobencarb, turbidity, zinc, and total dissolved solids or specific conductance, chloride and sulfate.

****Inorganic Chemical Standard:** aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, cyanide, fluoride, mercury, nickel, nitrate, nitrite, perchlorate, selenium, thallium.

*****Volatile Organic Chemical Standard:** benzene, carbon tetrachloride, 1,2-dichlorobenzene, 1,4-dichlorobenzene, 1,1-dichloroethane, 1,2-dichloroethane, 1,1-dichloroethylene, cis-1,2-dichloroethylene, trans-1,2-dichloroethylene, dichloromethane, 1,2-dichloropropane, 1,3-dichloropropane, ethylbenzene, methyl-tert-butyl ether, monochlorobenzene, styrene, 1,1,2,2-tetrachloroethane, tetrachloroethylene, toluene, 1,2,4-trichlorobenzene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethylene, trichlorofluoromethane, 1,1,2-trichloro-1,2,2-trifluoroethane, vinyl chloride and xylenes.

"Environmental and public health through leadership, partnership and science"

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DEPARTMENT OF ENVIRONMENTAL HEALTH

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WATER SYSTEM: Wynola Water District DATE 11/2/11 PERMIT # 3701837

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Source: <u>Well 9</u>				
CHEMICAL	LAST TEST	TEST DUE	FREQUENCY	WAIVER
General Mineral / General Physical*	<u>7/30/08</u>	<u>2011</u>	<u>3yrs.</u>	<u>-</u>
Inorganic Chemical Standard**	<u>7/30/08</u>	<u>2011</u>	<u>3yrs.</u>	<u>-</u>
Nitrate Standard	<u>6/21/10</u>	<u>2011</u>	<u>Annually</u>	<u>-</u>
Nitrite Standard	<u>7/30/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>-</u>
Volatile Organic Chemical (VOC) Standard***	<u>5/25/05</u>	<u>2011</u>	<u>6yrs.</u>	<u>-</u>
Synthetic Organic Chemical (SOC) Standard (Atrazine & simazine only required for pristine sources)	<u>2/13/06</u> <u>2/13/06</u>	<u>2017</u>	<u>- Atrazine & Simazine only</u>	
Radioactivity Standard - Gross Alpha	<u>3/29/07</u>	<u>2016</u>	<u>9yrs.</u>	<u>yes</u>
Radioactivity Standard - Uranium	<u>3/29/07</u>	<u>2016</u>	<u>9yrs.</u>	<u>yes</u>

Source: <u>Well 10</u>				
CHEMICAL	LAST TEST	TEST DUE	FREQUENCY	WAIVER
General Mineral / General Physical*	<u>7/30/08</u>	<u>2011</u>	<u>3yrs.</u>	<u>-</u>
Inorganic Chemical Standard**	<u>7/30/08</u>	<u>2011</u>	<u>3yrs.</u>	<u>-</u>
Nitrate Standard	<u>6/21/10</u>	<u>2011</u>	<u>Annually</u>	<u>-</u>
Nitrite Standard	<u>7/30/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>-</u>
Volatile Organic Chemical (VOC) Standard***	<u>7/30/08</u>	<u>2014</u>	<u>6yrs.</u>	<u>-</u>
Synthetic Organic Chemical (SOC) Standard (Atrazine & Simazine only required for pristine sources)	<u>2/9/06</u> <u>2/9/06</u>	<u>2015</u>	<u>- Atrazine & Simazine only</u>	
Radioactivity Standard - Gross Alpha	<u>3/14/07</u>	<u>2016</u>	<u>9yrs.</u>	<u>yes</u>
Radioactivity Standard - Uranium	<u>3/14/07</u>	<u>2016</u>	<u>9yrs.</u>	<u>yes</u>

Distribution System				
CHEMICAL	LAST TEST	TEST DUE	FREQUENCY	WAIVER
Disinfection By-Product Rule (Chlorinated Community & NTNC systems only)			<u>Annually</u>	<u>No</u>
Lead and Copper Rule (Community & NTNC only)				<u>No</u>

*General Mineral/ General Physical: aluminum, color, copper, foaming agents (MBAS), iron, manganese, methyl-tert-butyl ether (MTBE), odor threshold, silver, thiobencarb, turbidity, zinc, and total dissolved solids or specific conductance, chloride and sulfate.

**Inorganic Chemical Standard: aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, cyanide, fluoride, mercury, nickel, nitrate, nitrite, perchlorate, selenium, thallium.

***Volatile Organic Chemical Standard: benzene, carbon tetrachloride, 1,2-dichlorobenzene, 1,4-dichlorobenzene, 1,1-dichloroethane, 1,2-dichloroethane, 1,1-dichloroethylene, cis-1,2-dichloroethylene, trans-1,2-dichloroethylene, dichloromethane, 1,2-dichloropropane, 1,3-dichloropropane, ethylbenzene, methyl-tert-butyl ether, monochlorobenzene, styrene, 1,1,2,2-tetrachloroethane, tetrachloroethylene, toluene, 1,2,4-trichlorobenzene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethylene, trichlorofluoromethane, 1,1,2-trichloro-1,2,2-trifluoroethane, vinyl chloride and xylenes.

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Source: <u>Well 11</u>				
CHEMICAL	LAST TEST	TEST DUE	FREQUENCY	WAIVER
General Mineral / General Physical*	<u>7/30/08</u>	<u>2011</u>	<u>3yrs.</u>	<u>-</u>
Inorganic Chemical Standard**	<u>7/30/08</u>	<u>2011</u>	<u>3yrs.</u>	<u>-</u>
Nitrate Standard	<u>6/21/10</u>	<u>2011</u>	<u>Annually</u>	<u>-</u>
Nitrite Standard	<u>7/30/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>-</u>
Volatile Organic Chemical (VOC) Standard***	<u>10/12/05</u>	<u>2011</u>	<u>6yrs.</u>	<u>-</u>
Synthetic Organic Chemical (SOC) Standard (Atrazine & simazine only required for pristine sources)	<u>10/12/05</u>	<u>2016</u>	<u>Atrazine & Simazine only</u>	
Radioactivity Standard - Gross Alpha	<u>3/14/07</u>	<u>2016</u>	<u>9yrs.</u>	<u>yes</u>
Radioactivity Standard - Uranium	<u>3/14/07</u>	<u>2016</u>	<u>9yrs.</u>	<u>yes</u>

Source:				
CHEMICAL	LAST TEST	TEST DUE	FREQUENCY	WAIVER
General Mineral / General Physical*				
Inorganic Chemical Standard**				
Nitrate Standard			<u>Annually</u>	
Nitrite Standard			<u>Every 3 years</u>	
Volatile Organic Chemical (VOC) Standard***				
Synthetic Organic Chemical (SOC) Standard (Atrazine & Simazine only required for pristine sources)				
Radioactivity Standard - Gross Alpha				
Radioactivity Standard - Uranium				

Distribution System				
CHEMICAL	LAST TEST	TEST DUE	FREQUENCY	WAIVER
Disinfection By-Product Rule (Chlorinated Community & NTNC systems only)			<u>Annually</u>	<u>No</u>
Lead and Copper Rule (Community & NTNC only)				<u>No</u>

***General Mineral/ General Physical:** aluminum, color, copper, foaming agents (MBAS), iron, manganese, methyl-tert-butyl ether (MTBE), odor threshold, silver, thiobencarb, turbidity, zinc, and total dissolved solids or specific conductance, chloride and sulfate.

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