



County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH

Land and Water Quality Division

5201 Ruffin Road, Suite C
San Diego, CA 92123

(858) 565-5173 / (800) 253-9933 FAX (858) 694-3105

Water System Inspection

Page 1 of 5

Date of Inspection 6/26/09 Permit # 3701837
 Name of Water System Wynola Water District Owner/Operator _____
 Site address 1234 Lakeside Road, Julian Telephone (760) 765-3420
 Mailing address P.O. Box 193, Santa Ysabel, CA 92070
 System classification Community Name of Certified Operator Murray Tomlinson #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"/> Check valve installed at well head</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 not properly destroyed</p> <p>RESERVOIR/STORAGE CCR Title 22, Sec. 64600 & 64602</p> <p><input type="checkbox"/> Storage capacity amount <u>115,000 gallons</u> v22</p> <p><input type="checkbox"/> Properly constructed/secured /lined, v28, v21</p> <p><input type="checkbox"/> Vents properly screened</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"/> Filter Functioning, Sec. 64447, v30</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 not current, H&SC 116470 & Title 22 Sec. 64480, v69</p> <p>OPERATOR CERTIFICATION PROGRAM H&SC</p> <p><input checked="" type="checkbox"/> Operator Certified, (Treated, Comm., NTNC systems) Sec. 106885, v34 <u>DY #2320 exp. 6/1/09</u></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 Mailed to Date _____ Specialist Wendy Martinez Date 7/24/09
Ed Hoffman

COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH

Page 2 of 5

NAME of WATER SYSTEM: Wynola Water Distr. DATE 6/26/09 PERMIT # 3701837

VIOLATION REPORT: The items checked on 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 6/26/09 of the Wynola Water District (WWD) water system with the assistance of Ed Huffman and Ray Mitchell.

WWD is classified as a community water system that serves 87 residential connections.

WWD currently has five active sources: Wells 3, 7, 9, 10 & 11, one standby source: Well 6, and four emergency sources: Wells 1, 2, 5, & 8. Well 5 is used for measuring static water level.

Water storage capacity is unchanged from the last inspection. Wells 7, 9, 10 & 11 are pumped into the pump house and then into the storage tanks. WWD has made some beneficial improvements to this ~~area~~ area. WWD installed new piping and new valves which has increased the efficiency of the system.

WWD continues with its volunteer Water Watcher Program. This seems to work very well in keeping the system running smoothly and organized.

All water quality testing is current. For 2009, nitrate testing is due for wells 3, 7, 9, 10 & 11. If Well 6 continues as a standby source, testing will not be due until 2015.

134. The certification for Murray Tomlinson expired on 6/1/09. Within 30 days, provide current certificate for Certified Operator. Any questions, contact Wendy Martinez at (858) 694-2242.

Mailed to Ed Huffman

Owner/Operator

Title

Date

Wendy Martinez

7/24/09

Environmental Health Specialist

Date

COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH

Page 3 of 5

NAME of WATER SYSTEM: Wynola Water Dist DATE 6/26/09 PERMIT # 3701837

The following chart(s) detail your water quality monitoring. If you are aware of analyses not recorded below, please submit a copy to the attention of Peter Neubauer or Wendy Martinez at the address listed on the cover of this inspection. Peter Neubauer can be reached at (858) 694-3113. Wendy Martinez can be reached at (858) 694-2242.

Source <u>Well 3 (PS Code 3701837-003)</u>				
Chemical Group	Last Test	Test Due	Frequency	Waiver
General Mineral / General Physical *	<u>7/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>No</u>
Inorganic Chemicals **	<u>7/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>No</u>
Nitrate	<u>2/08</u>	<u>2009</u>	<u>Every year</u>	<u>No</u>
Nitrite	<u>7/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>No</u>
Volatile Organic Chemicals (VOC's)	<u>7/08</u>	<u>2014</u>	<u>Every 6 years</u>	<u>Yes</u>
Synthetic Organic Chemicals (SOC's) *** (Atrazine & simazine only required for pristine sources)	<u>5/01</u>	<u>2010</u>	<u>Every 9 years</u>	<u>Yes</u>
Radionuclides	<u>2007</u>	<u>2016</u>	<u>Every 9 years</u>	<u>Yes</u>

Source <u>Well 7 (PS Code 3701837-007)</u>				
Chemical Group	Last Test	Test Due	Frequency	Waiver
General Mineral / General Physical *	<u>7/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>No</u>
Inorganic Chemicals **	<u>7/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>No</u>
Nitrate	<u>2/08</u>	<u>2009</u>	<u>Every year</u>	<u>No</u>
Nitrite	<u>7/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>No</u>
Volatile Organic Chemicals (VOC's)	<u>5/05</u>	<u>2011</u>	<u>Every 6 years</u>	<u>Yes</u>
Synthetic Organic Chemicals (SOC's) *** (Atrazine & simazine only required for pristine sources)	<u>3/05</u>	<u>2014</u>	<u>Every 9 years</u>	<u>Yes</u>
Radionuclides	<u>2007</u>	<u>2016</u>	<u>Every 9 years</u>	<u>Yes</u>

Distribution System				
Chemical Group	Last Test	Test Due	Frequency	Waiver
Disinfection By-Product Rule (Chlorinated Community and NTNC)	<u>3/2007</u>	<u>2010</u>	<u>Annually</u>	<u>No</u>
Lead and Copper Rule (Community and NTNC)	<u>3/2007</u>	<u>2010</u>	<u>Every 3 years</u>	<u>No</u>

* **General Mineral / General Physical** (Secondary Water Standard) includes iron, manganese, bicarbonate alkalinity, carbonate alkalinity, hydroxide alkalinity, total hardness, calcium, magnesium, sodium, total dissolved solids or specific conductance, turbidity, pH, color, odor threshold, foaming agents (MBAS).

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

*** **Synthetic Organic Chemicals** - If any of your sources are classified as mixed and your system is classified as a community water system, then atrazine, dibromochloropropane (DBCP), ethylene dibromide (EDB), and simazine are required once every six years. All other SOC's are required to be tested once, then are waived.

COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH

Page 4 of 5

NAME of WATER SYSTEM: Wynola Water Dist. DATE 6/26/09 PERMIT # 3701837

The following chart(s) detail your water quality monitoring. If you are aware of analyses not recorded below, please submit a copy to the attention of Peter Neubauer or Wendy Martinez at the address listed on the cover of this inspection. Peter Neubauer can be reached at (858) 694-3113. Wendy Martinez can be reached at (858) 694-2242.

Source <u>Well 9 (PS Code 3701837-009)</u>				
Chemical Group	Last Test	Test Due	Frequency	Waiver
General Mineral / General Physical *	<u>7/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>No</u>
Inorganic Chemicals **	<u>7/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>No</u>
Nitrate	<u>7/08</u>	<u>2009</u>	<u>Every year</u>	<u>No</u>
Nitrite	<u>7/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>No</u>
Volatile Organic Chemicals (VOC's)	<u>5/05</u>	<u>2011</u>	<u>Every 6 years</u>	<u>Yes</u>
Synthetic Organic Chemicals (SOC's) *** (Atrazine & simazine only required for pristine sources)	<u>2/06</u>	<u>2015</u>	<u>Every 9 years</u>	<u>Yes</u>
Radionuclides	<u>2007</u>	<u>2016</u>	<u>Every 9 years</u>	<u>Yes</u>

Source <u>Well 10 (PS Code 3701837-010)</u>				
Chemical Group	Last Test	Test Due	Frequency	Waiver
General Mineral / General Physical *	<u>7/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>No</u>
Inorganic Chemicals **	<u>7/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>No</u>
Nitrate	<u>7/08</u>	<u>2009</u>	<u>Every year</u>	<u>No</u>
Nitrite	<u>7/08</u>	<u>2011</u>	<u>Every 3 years</u>	<u>No</u>
Volatile Organic Chemicals (VOC's)	<u>7/08</u>	<u>2011</u>	<u>Every 6 years</u>	<u>Yes</u>
Synthetic Organic Chemicals (SOC's) *** (Atrazine & simazine only required for pristine sources)	<u>2/06</u>	<u>2015</u>	<u>Every 9 years</u>	<u>Yes</u>
Radionuclides	<u>2007</u>	<u>2016</u>	<u>Every 9 years</u>	<u>Yes</u>

Distribution System				
Chemical Group	Last Test	Test Due	Frequency	Waiver
Disinfection By-Product Rule (Chlorinated Community and NTNC)			<u>Annually</u>	<u>No</u>
Lead and Copper Rule (Community and NTNC)				<u>No</u>

* **General Mineral / General Physical** (Secondary Water Standard) includes iron, manganese, bicarbonate alkalinity, carbonate alkalinity, hydroxide alkalinity, total hardness, calcium, magnesium, sodium, total dissolved solids or specific conductance, turbidity, pH, color, odor threshold, foaming agents (MBAS).

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

*** **Synthetic Organic Chemicals** - If any of your sources are classified as mixed and your system is classified as a community water system, then atrazine, dibromochloropropane (DBCP), ethylene dibromide (EDB), and simazine are required once every six years. All other SOC's are required to be tested once, then are waived.

COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH

Page 5 of 5

NAME of WATER SYSTEM: Wynola WD DATE 6/26/09 PERMIT # 3701837

The following chart(s) detail your water quality monitoring. If you are aware of analyses not recorded below, please submit a copy to the attention of Peter Neubauer or Wendy Martinez at the address listed on the cover of this inspection. Peter Neubauer can be reached at (858) 694-3113. Wendy Martinez can be reached at (858) 694-2242.

Source <u>Well 11 (PS Code 3701837-011)</u>				
Chemical Group	Last Test	Test Due	Frequency	Waiver
General Mineral / General Physical *	7/08	2011	Every 3 years	No
Inorganic Chemicals **	7/08	2011	Every 3 years	No
Nitrate	7/08	2009	Every year	No
Nitrite	7/08	2011	Every 3 years	No
Volatile Organic Chemicals (VOC's)	10/05	2011	Every 6 years	Yes
Synthetic Organic Chemicals (SOC's) *** (Atrazine & simazine only required for pristine sources)	10/05	2014	Every 9 years	Yes
Radionuclides	2007	2016	Every 9 years	Yes

Source <u>Well 6 - Standby</u>				
Chemical Group	Last Test	Test Due	Frequency	Waiver
General Mineral / General Physical *	11/06		↙ Every 9 years ↘	
Inorganic Chemicals **	11/06			
Nitrate	1/08			
Nitrite	11/06			
Volatile Organic Chemicals (VOC's)	11/06			
Synthetic Organic Chemicals (SOC's) *** (Atrazine & simazine only required for pristine sources)	11/06			
Radionuclides	2007	2016	Every 9 years	Yes

Distribution System				
Chemical Group	Last Test	Test Due	Frequency	Waiver
Disinfection By-Product Rule (Chlorinated Community and NTNC)			Annually	No
Lead and Copper Rule (Community and NTNC)				No

* **General Mineral / General Physical** (Secondary Water Standard) includes iron, manganese, bicarbonate alkalinity, carbonate alkalinity, hydroxide alkalinity, total hardness, calcium, magnesium, sodium, total dissolved solids or specific conductance, turbidity, pH, color, odor threshold, foaming agents (MBAS).

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

*** **Synthetic Organic Chemicals** - If any of your sources are classified as mixed and your system is classified as a community water system, then atrazine, dibromochloropropane (DBCP), ethylene dibromide (EDB), and simazine are required once every six years. All other SOC's are required to be tested once, then are waived.