


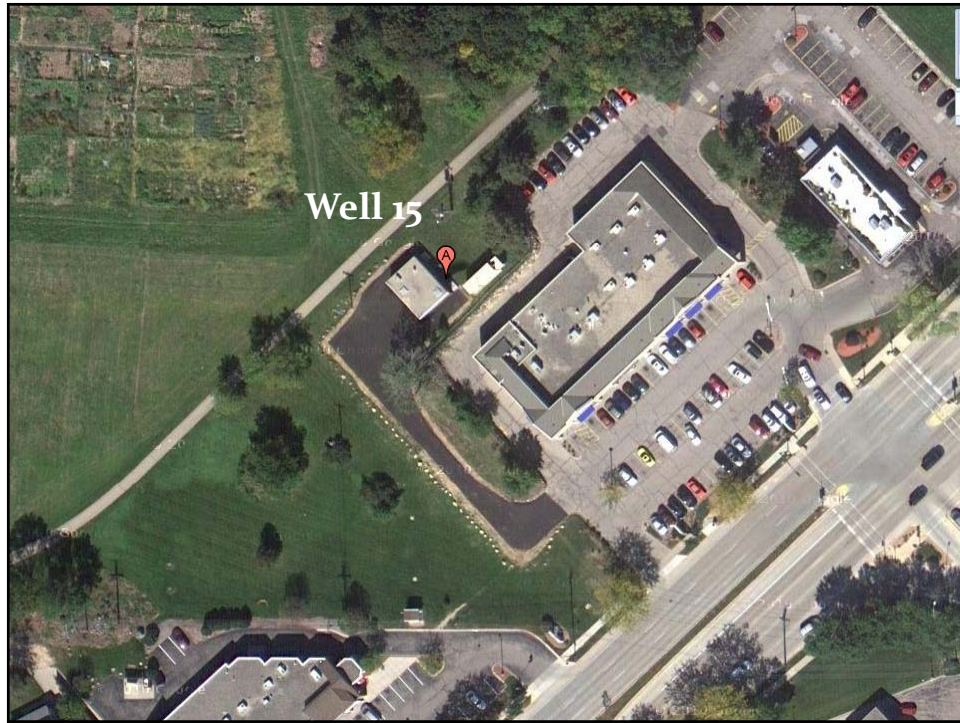
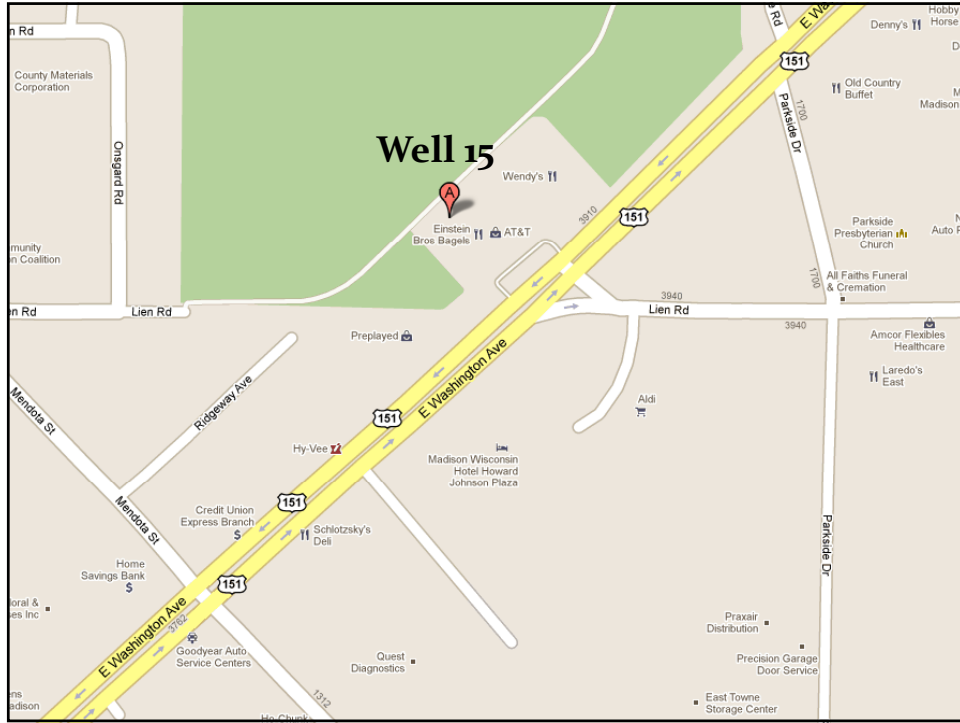
Well 15 Public Meeting

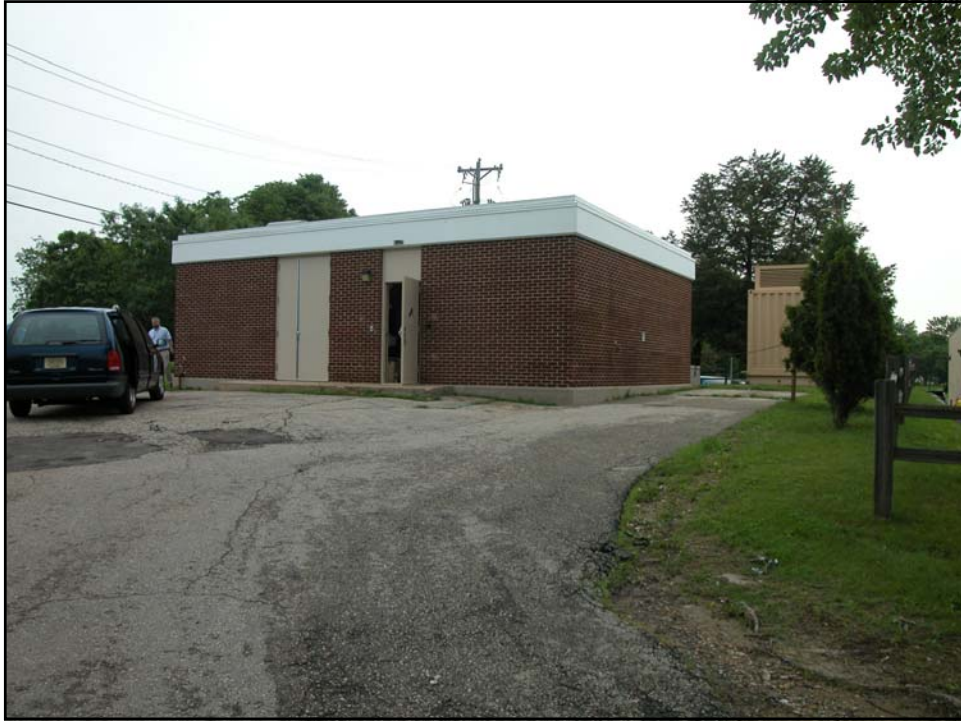
March 10, 2011
Streets East Lunch Room
4602 Sycamore Ave
6:30 to 8:00



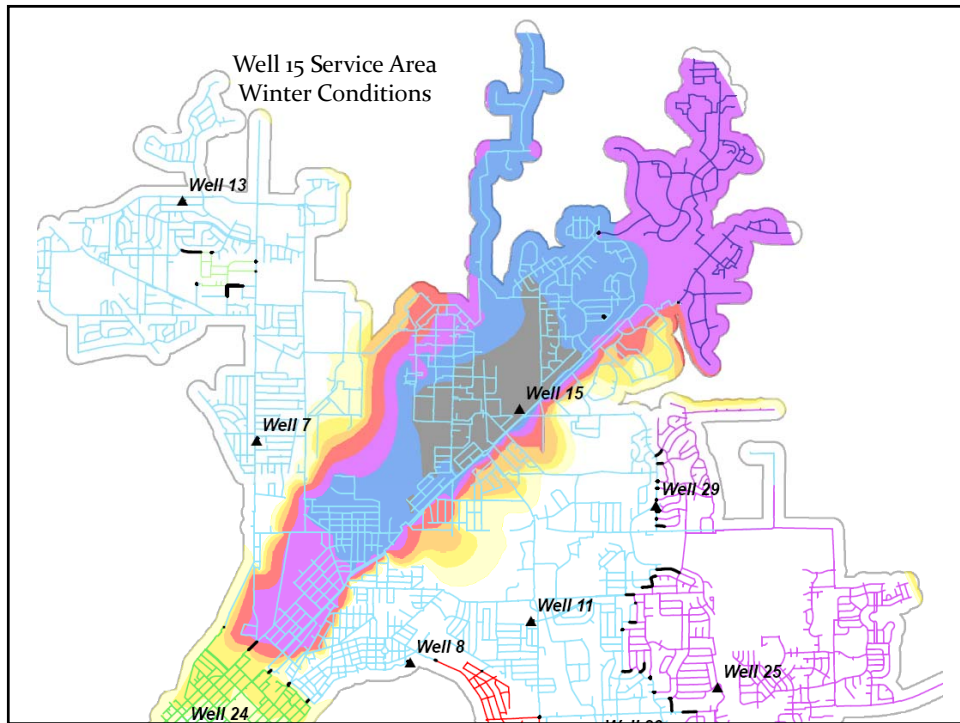
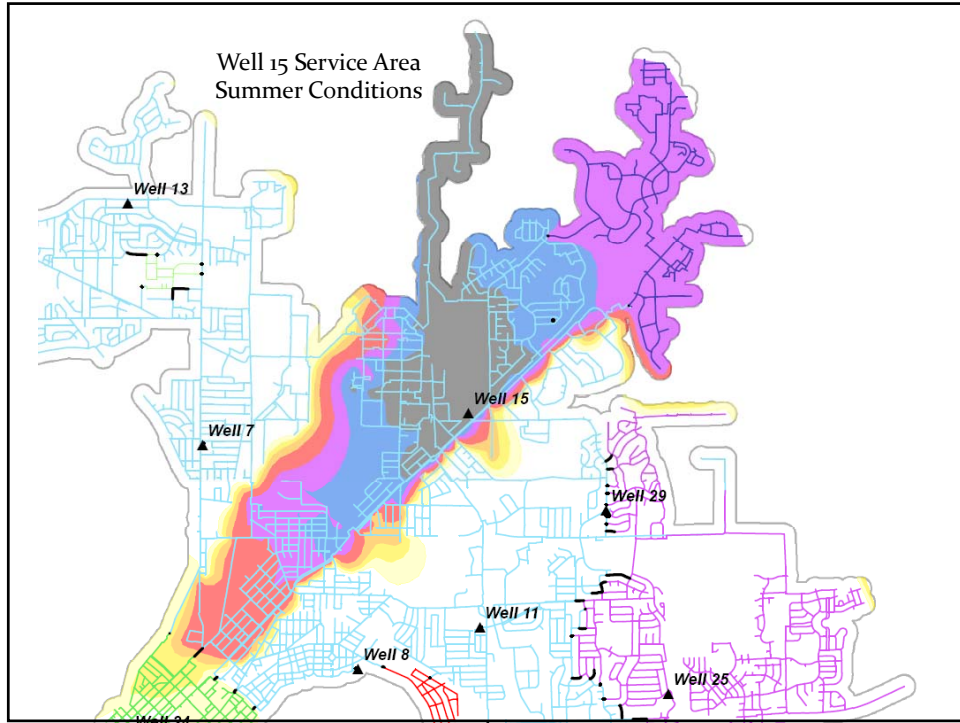
Quality and Reliability since 1972
Madison Water Utility *mwu*











Project History

- EPA Grant – Spring 2010
- Project Developed for East Side Water Supply
 - Wells 7, 8, 15, and possibly a replacement for 3
- Project Citizen Advisory Panel formed (October 2010)
- CAP Workshop – January 29, 2011
- CAP recommends formation of a Well 15 CAP



Public Input

- Questions
- Volunteers to Serve on a Citizen Advisory Panel





Madison Water Utility

Tom Heikkinen – General Manager
Alan L. Larson PE, BCEE – Principal Engineer
Joe Grande – Water Quality Manager

119 E. Olin Avenue
Madison, Wisconsin 53713
Telephone: 608 266-4651
FAX: 608 266-4644

Question on Well 15

Date: _____ Name: _____

Email: _____ Address: _____

Phone: _____

Question: _____



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Citizen's Advisory Panel Volunteer

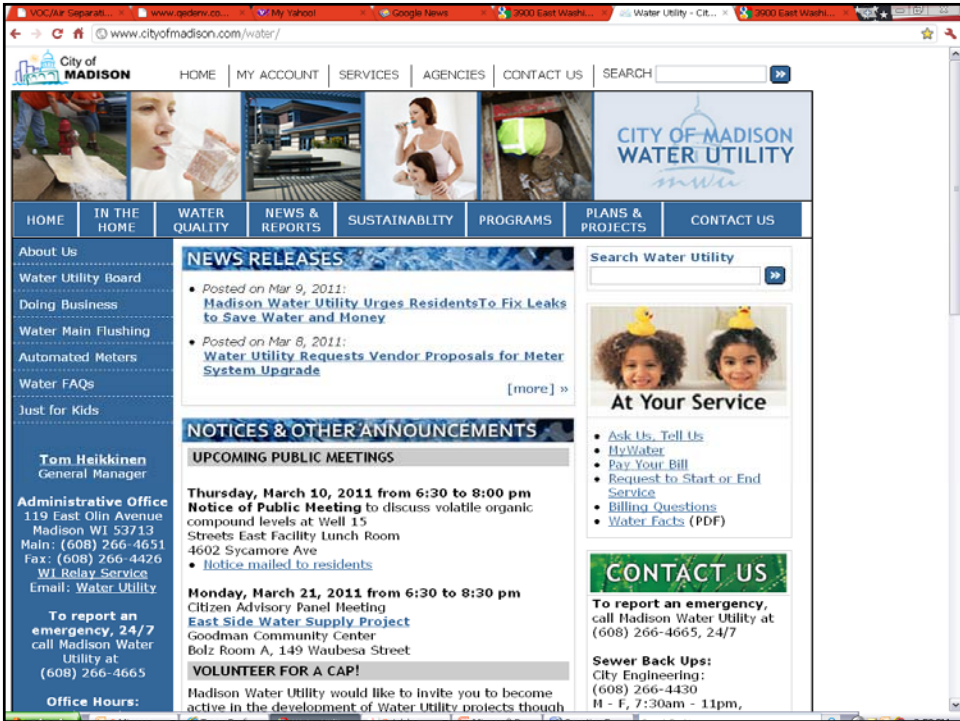
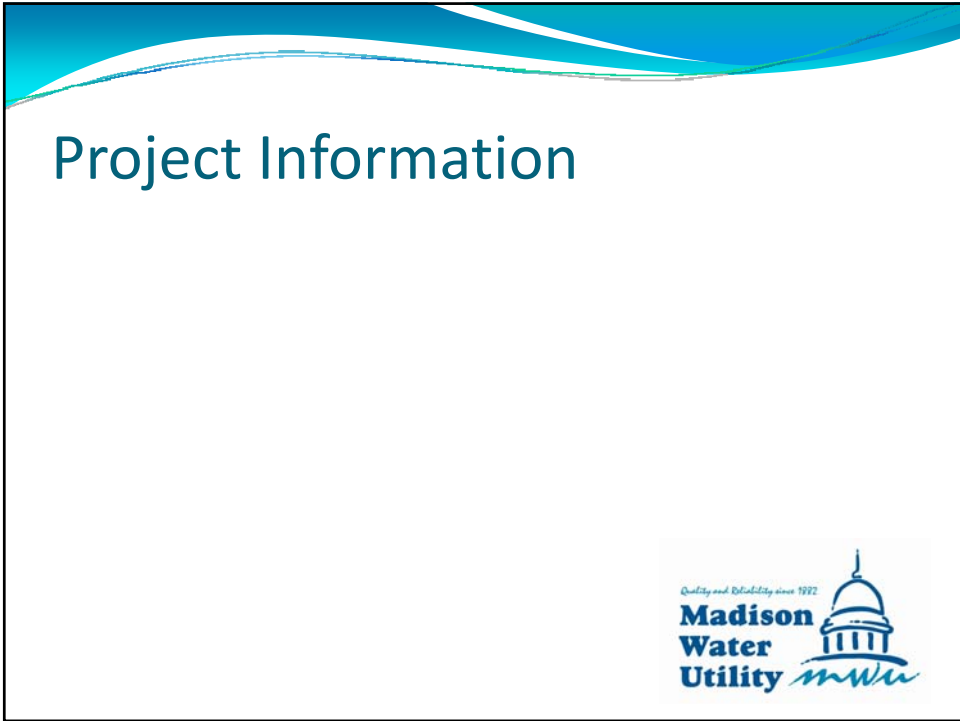
Date: _____ Name: _____

Project: **Well 15** Address: _____

Email: _____ Phone: _____

I would like to be a member of the CAP for this project

Comments or Concerns _____



City of MADISON HOME MY ACCOUNT SERVICES AGENCIES CONTACT US

HOME IN THE HOME WATER QUALITY NEWS & REPORTS SUSTAINABILITY PROGRAMS **PLANS & PROJECTS** CONTACT US

NEWS RELEASES

- Posted on Mar 9, 2011: **Madison Water Utility Urges Residents To Fix Leaks to Save Water and Money**
- Posted on Mar 8, 2011: **Water Utility Requests Vendor Proposals for Meter System Upgrade**

NOTICES & OTHER ANNOUNCEMENTS

UPCOMING PUBLIC MEETINGS

Thursday, March 10, 2011 from 6:30 to 8:00 pm
Notice of Public Meeting to discuss volatile organic compound levels at Well 15
Streets East Facility Lunch Room
4602 Sycamore Ave
• Notice mailed to residents

Monday, March 21, 2011 from 6:30 to 8:30 pm
Citizen Advisory Panel Meeting
East Side Water Supply Project
Goodman Community Center
Bolz Room A, 149 Waubesa Street

VOLUNTEER FOR A CAP!
Madison Water Utility would like to invite you to become a member of Water Utility projects though

CONTACT US
To report an emergency, call Madison Water Utility at (608) 266-4665, 24/7
Sewer Back Ups:
City Engineering: (608) 266-4430
M - F, 7:30am - 11pm,

City of MADISON HOME MY ACCOUNT SERVICES AGENCIES CONTACT US SEARCH

HOME IN THE HOME WATER QUALITY NEWS & REPORTS SUSTAINABILITY PROGRAMS **PLANS & PROJECTS** CONTACT US

EAST SIDE WATER SUPPLY PROJECT

CONTACT
Madison Water Utility, Engineering Section: (608) 266-4653

UPCOMING MEETINGS:

The CAP holds regular biweekly meetings from 6:45 to 8:45 p.m. at the Goodman Community Center, Bolz Room A, 149 Waubesa St. Scheduled meeting dates are as follows:
Tuesday, March 8 (location changed to Madison Water Utility Conference Room A & B, 119 E Olin Ave)
• 3/8/11 CAP Meeting Agenda
Monday, March 21

Madison Water Utility is developing and refining a detailed water supply Capital Improvement Program for Madison's near east side. This planning study will include a 20-year study period and builds on the Utility's 2006 Water Master Plan. This project will have the overall objective of evaluating the long-term water supply needs of the study area and investigating water quality issues at existing wells. The product from this study will be a list of scheduled projects that will ensure that residents of Madison's east side continue to receive high quality water, excellent water

You can be a community volunteer

The Madison Water Utility has begun a major East Side water supply planning project that is encouraging community engagement to recommend future infrastructure on Madison's East Side. The 18-month study will develop projects to improve water quality and supply in an area ranging from the Yahara River on the west to I-90 on the east, to Northport Drive and East Towne on the north to Buckeye Road on the south, incorporating the pre-

Well Head Protection



Water Quality

- Hardness minerals
- Iron, manganese, radium
- Sodium, chloride, nitrate
- Man-made contaminants (VOC)
 - PCE - tetrachloroethylene/perchloroethylene
 - TCE - trichloroethylene



The screenshot shows the homepage of the City of Madison Water Utility website. At the top, there is a navigation bar with links for HOME, MY ACCOUNT, SERVICES, AGENCIES, and CONTACT US, along with a search box. Below this is a banner area with images of people and the utility's logo. A secondary navigation bar includes HOME, IN THE HOME, WATER QUALITY, NEWS & REPORTS, SUSTAINABILITY, PROGRAMS, PLANS & PROJECTS, and CONTACT US. The main content area is divided into several sections: 'About Us' with contact information for Tom Heikkinen, General Manager; 'NEWS RELEASES' featuring two articles from March 2011; 'NOTICES & OTHER ANNOUNCEMENTS' with upcoming public meetings; and 'CONTACT US' with emergency and sewer back-up information. A search box and a 'At Your Service' section with photos of children are also present.

This screenshot is identical to the one above but with a dropdown menu open under the 'NEWS & REPORTS' navigation tab. A red arrow points to the 'NEWS & REPORTS' tab, and another red arrow points to the dropdown menu. The menu items are: Notices, Water Quality for Wells Serving My Address?, Chromium, Manganese, Lead and Copper, Testing, Chlorine & Fluoride, and Annual Water Quality Report. The rest of the page content remains the same.

City of MADISON HOME MY ACCOUNT SERVICES AGENCIES CONTACT US SEARCH

HOME IN THE HOME WATER QUALITY NEWS & REPORTS SUSTAINABILITY PROGRAMS PLANS & PROJECTS CONTACT US

WATER QUALITY FOR WELLS SERVING MY ADDRESS

Use the form below to enter the required information about your address, and then click "Submit" to see which wells provide water to it. Use links from the "Quality Report" well numbers to see data about each well.

Providing the highest quality water possible is a primary goal for Madison Water Utility. If you have questions, concerns or problems regarding water quality—appearance, taste, or other issue—please call the Utility's Water Quality Section, (608) 266-4654.

SEARCH BY ADDRESS

Enter House Number: * * indicates required field

Enter Street Direction: (May be left blank or use N, S, E, W)

Enter Street Name: *

Select Street Type:

Select Tax District: City of Madison

Submit Clear

Tom Heikkinen
General Manager

Administrative Office
119 East Olin Avenue
Madison WI 53713
Main: (608) 266-4651
Fax: (608) 266-4426
WI Relay Service
Email: [Water Utility](mailto:WaterUtility@cityofmadison.com)

To report an emergency, 24/7 call Madison Water Utility at (608) 266-4665

Office Hours:

City of MADISON HOME MY ACCOUNT SERVICES AGENCIES CONTACT US SEARCH

HOME IN THE HOME WATER QUALITY NEWS & REPORTS SUSTAINABILITY PROGRAMS PLANS & PROJECTS CONTACT US

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SEARCH BY ADDRESS

Enter House Number: * 3868 * indicates required field

Enter Street Direction: E (May be left blank or use N, S, E, W)

Enter Street Name: * Washington

Select Street Type:

Select Tax District: City of Madison

Submit Clear

Tom Heikkinen
General Manager

Administrative Office
119 East Olin Avenue
Madison WI 53713
Main: (608) 266-4651
Fax: (608) 266-4426
WI Relay Service
Email: [Water Utility](mailto:WaterUtility@cityofmadison.com)

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Office Hours:

www.cityofmadison.com/water/waterQuality/myWells.cfm

Summer	April 15 – September 15
Winter	November 15 – March 15
Transition Periods	March 15 – April 15 September 15 – November 15

WELL SERVICE AREA INFORMATION

Parcel: 081033201245
Owner Name: CAPITOL BRITTON STATION
Co-Owner Name: LLC % CAPITOL RE HIGHT CO
Address: 3808 E WASHINGTON AVE

Well Number	Percent Usage Range	Quality Report
15	80-100	15 (PDF)


Well Number	Percent Usage Range	Quality Report
15	80-100	15 (PDF)

Many factors influence the operation of Madison Water Utility's wells. In summer, all 22 active wells are in production, though some do not run 24 hours a day. In winter, several wells are shut down due to lower water demands. These wells are taken out of production in the fall one at a time over the course of several weeks; they are put back into production in the spring, also over the course of several weeks. Any well may be taken out of production at any time of year for maintenance or other reasons.

The information provided is based on computer simulations of expected operating conditions for the winter of 2010-2011 and summer 2010. This information will be updated every three to five years, or as necessary, to reflect general changes in operating conditions, such as the development of new water sources and the abandonment of older ones.

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www.cityofmadison.com/water/documents/waterQuality/Well15QualityReport.pdf



www.madisonwater.org • 119 East Olin Avenue • Madison, WI 53713-1431 • TEL 608.266.4651 • FAX 608.266.4426

UNIT WELL #15

Drilled in 1965, Unit Well 15 has a pumping capacity of 2200 gallons per minute. It operates year-round and serves the East Washington corridor including Westchester Gardens, Mayfair Park, Bluff Acres, Carpenter-Ridgeway, Eken Park, and Emerson East neighborhoods. Well 15 also serves the High Crossing area located east of Interstate 90/94. In 2009, the well pumped 633 million gallons of water.

Unless otherwise noted, data contained in this report, which is updated annually, are from 2009.

Bacteria

In 2009, seventy-three samples were collected from Well 15 and tested for coliform bacteria, an indicator group of bacteria used to determine drinking water safety. None of the samples were found to have coliform bacteria present. Most of these samples (68) were from chlorinated water while five samples were from untreated groundwater. The Water Utility chlorinates drinking water to protect against bacteria and viruses that can be present in groundwater.

Hardness and Other Minerals

Like all groundwater, water from Unit Well 15 contains calcium and magnesium that contributes to its hardness (406 mg/L [ppm] or 24 grains per gallon). Other naturally occurring constituents that are present in water from Well 15 can be found in the [2009 Inorganics](#) table.

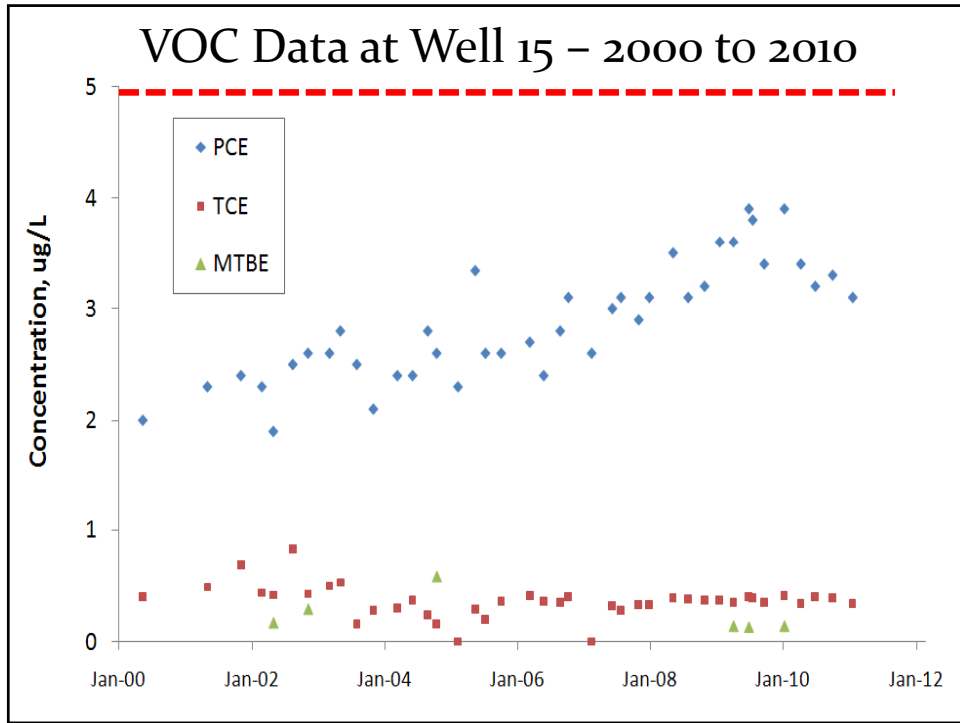
Link to the [2006](#), [2007](#), and [2008](#) Inorganics tables

Iron and Manganese

Unit Well 15 water contains low levels of iron and manganese; minerals that at elevated levels can cause yellow, orange, or brown colored water. Both minerals are below the EPA secondary standards, which are 0.3 mg/L for iron and 50 ug/L for manganese. Water that contains iron or manganese above these levels may cause staining of laundry or plumbing fixtures.

Lead

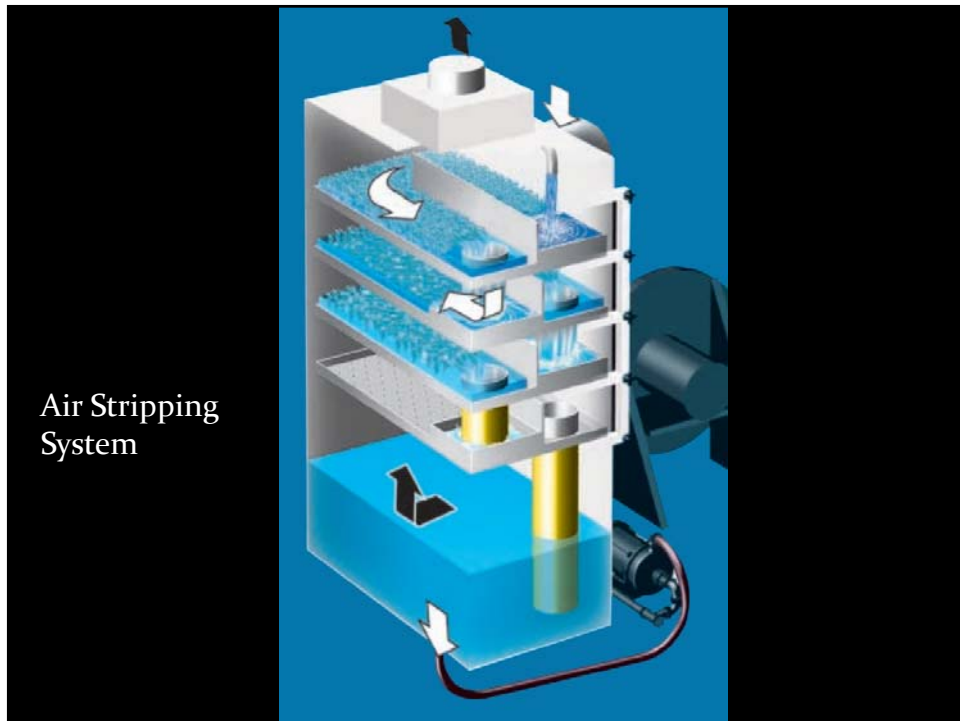
Madison's groundwater supply does not contain significant amounts of naturally occurring lead or copper. However, the corrosive nature of water can dissolve or corrode lead and copper through contact with water service lines, interior pipes, and plumbing fixtures. Lead in drinking water can cause a variety of adverse health effects. The Well 15 service area includes a few homes and businesses that still may have lead water service lines. See the [schedule](#) to see when



VOC Removal

- Air Stripping
- Activated Carbon

Quality and Reliability since 1922
Madison Water Utility *mwu*





Contact Information

- Madison Water Utility
 - 608-266-4651
 - www.madisonwater.org
 - Or general email water@madisonwater.org
- Al Larson – Principal Engineer
 - 608-266-4653 or alarson@madisonwater.org
- Joe Grande – Water Quality Manager
 - 608-266-4654 or jgrande@madisonwater.org

