

Appendix A

Examples of Online Drinking Water Databases

Content List

Appendix A-1	Des Moines Water Works: Nitrate Detections [http://www.dmww.com/empact.asp]
Appendix A-2	Oregon Safe Water System: Chemical Detections, Burns Water Department [http://159.121.24.16/]
Appendix A-3	Oregon Safe Water Sytem: Violations, Burns Water Department [http://159.121.24.16/]
Appendix A-4	Wisconsin Drinking Water System: Contaminants in Public Water Supply Query Page [http://www.dnr.state.wi.us/org/water/dwg/DWS.htm]
Appendix A-5	Wisconsin Drinking Water System: Detection of Arsenic, Onlaska Water Works [http://www.dnr.state.wi.us/org/water/dwg/DWS.htm]
Appendix A-6	U.S. EPA National Contaminant Occurrence Database: Summary of Benzene Detections in California [http://www.epa.gov/ncod/]

Appendix A-1

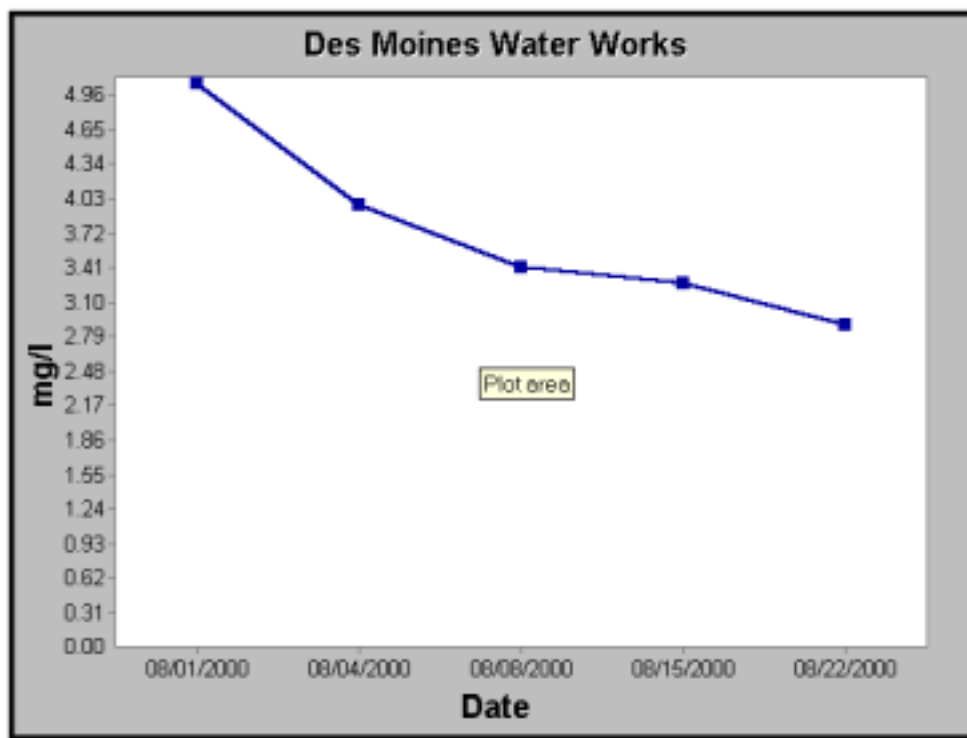
Test Description

Nitrate-N is a form of nitrogen fertilizer that is readily available to plants. This form of nitrogen is very water soluble and moves through the soil into ground and surface waters. Nitrates are a concern particularly to infants under 6 months in age. It can limit the ability of their blood to carry oxygen to their bodies. This causes the baby to experience breathing difficulties. The EPA has set the MCL for Nitrate-N at 10 mg/l. This substance is formed from the chemical breakdown of many different materials and is difficult to remove once in the water.

Shown below are the 5 available test results measured in (mg/l) that have been obtained over the last 31 days between Aug 01, 2000 and Sep 01, 2000.

EPA Drinking Water Regulations and Health Advisories Page is
WWW.EPA.GOV/OST/Tools/dwstds.html

Data for specific points can be obtained by hovering over them with your mouse.



Number	Date	Value (mg/l)
1	08/01/2000	5.06
2	08/04/2000	3.97
3	08/08/2000	3.41
4	08/15/2000	3.27
5	08/22/2000	2.9

Appendix A-2

OREGON DEPARTMENT OF HUMAN RESOURCES



Oregon Health Division

Drinking Water Program

This Website will have a new address after the New Year of "159.121.24.16". Please make a note of this and adjust your bookmarks. Or get here through the [Drinking Water main web site](http://www.ohd.hr.state.or.us/dwp/welcome.htm) at "http://www.ohd.hr.state.or.us/dwp/welcome.htm".

Chemical Detection Summary

PWS ID: 00153 BURNS WATER DEPARTMENT

Date	Source	Chemical	Results mg/l	MCL mg/l
Jul 21, 1999	D WELL #5	Sodium	20.7	
Jul 21, 1999	C WELL #4	Sodium	25.2	
Aug 20, 1996	A WELLFIELD (WELLS #1 & #2)	Sodium	24	
Aug 20, 1996	C WELL #4	Sodium	32	
Sep 15, 1993	A WELL #4 - WELL #4	Sodium	21.4	
Oct 14, 1992	C WELL #4	Tetrachloroethylene	0.0008	0.005
Dec 09, 1991	C WELL #4	Tetrachloroethylene	0.0011	0.005
Oct 15, 1991	C WELL #4	Tetrachloroethylene	0.0012	0.005
Jul 10, 1991	C WELL #4	Tetrachloroethylene	0.0012	0.005
Jan 30, 1991	C WELL #4	Tetrachloroethylene	0.0009	0.005
Sep 15, 1993	D WELL #5 - WELL #5	Thallium Total	0.0017	0.002

These are detections of chemicals above a certain threshold (anything greater than 0 for the SOC and VOC groups, greater than half the MCL for the IOC group). That there was a single detect does not mean that a problem exists -- some reasons for single 'hits' include the use of solvents in the area (WD40 for example), gasoline operated machines, deodorant blocs/devices in restrooms, or painting in the vicinity while collecting the sample. The tests for the SOC and VOC groups are very sensitive and can have a detection from something wafting in the air. All chemical detects should be followed up with at least another test.

Health effects informational fact sheets are available for most chemicals. [Click here.](#)

If the MCL column is blank then a maximum contaminant level has not been set for that chemical.

For further information on this public water system click on the area of interest below.

[New PWS](#) .. [System Info](#) .. [Coliform Summary](#) .. [Coliform Results](#) .. [Chemical Tests](#) .. [Chemical Detections](#) ..
[Violations](#) ..
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[Latest Chemical Results](#) .. [TTHM Summary](#) ..

Appendix A-3

OREGON DEPARTMENT OF HUMAN RESOURCES

Oregon Health Division

Drinking Water Program



This Website will have a new address after the New Year of "159.121.24.16". Please make a note of this and adjust your bookmarks. Or get here through the [Drinking Water main web site](http://www.ohd.hr.state.or.us/dwp/welcome.htm) at "http://www.ohd.hr.state.or.us/dwp/welcome.htm".

Violation History

PWS ID: 00153 BURNS WATER DEPARTMENT

Date	Violation	Rule or Contaminant
Jan 01, 1998	Total Coliform MCL	Coliform
Jan 01, 1998	Chemical Nonreporting	Nitrate
Jan 01, 1998	Repeat Coliform: did not Report Enough	Coliform
Apr 01, 1997	Total Coliform MCL	Coliform
Sep 01, 1995	Total Coliform MCL	Coliform
Feb 01, 1995	Routine Coliform: did not Report Enough	Coliform
Jan 01, 1995	Total Coliform MCL	Coliform
Jan 01, 1995	Repeat Coliform: did not Report Enough	Coliform
Nov 01, 1994	Routine Coliform: did not Report Enough	Coliform
Oct 01, 1994	Total Coliform MCL	Coliform
Oct 01, 1994	Routine Coliform: did not Report Enough	Coliform
Dec 01, 1993	Routine Coliform: did not Report Enough	Coliform
Nov 01, 1993	Total Coliform MCL	Coliform
Nov 01, 1993	Repeat Coliform: did not Report Enough	Coliform
Nov 01, 1993	Routine Coliform: did not Report Enough	Coliform
Oct 01, 1993	Total Coliform MCL	Coliform
Oct 01, 1993	Repeat Coliform: did not Report Enough	Coliform
Sep 01, 1993	Routine Coliform: did not Report Enough	Coliform
Aug 01, 1993	Repeat Sampling: did not Report ANY	Coliform
Nov 01, 1992	Routine Coliform Samples: did not Report ANY	Coliform
Aug 01, 1992	Routine Coliform: did not Report Enough	Coliform
Jul 01, 1992	Acute MCL for Fecal Coliform or E.Coli	Coliform
Jan 01, 1992	Routine Coliform: did not Report Enough	Coliform
Dec 01, 1991	Total Coliform MCL	Coliform
Jul 01, 1991	Routine Coliform: did not Report Enough	Coliform

If the table above is empty then the system does not have any violations recorded against it.

For further information on this public water system click on the area of interest below.

[New PWS..](#) [System Info](#) .. [Coliform Summary](#) .. [Coliform Results](#) .. [Chemical Tests](#) .. [Chemical Detections](#) ..
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Appendix A-4



DNR Drinking Water System Contaminants in Public Water Supplies

Enter query criteria for Contaminants in Public Water Supplies

Contaminant:	<div>Acenaphthene</div> <div>Acenaphthylene</div> <div>Acetone</div> <div>Acrolein</div> <div>Acrylonitrile</div> <div>Alachlor (Lasso)</div> <div>Aldicarb Total</div>
Select only Detects:	<div>Yes</div>
Select values over MCL:	<div>No</div>
Measured Amount:	<div></div> to <div></div>
System Name:	<div>Onalaska Water Works</div>
DNR Public Water Supply ID:	<div></div>
System Type:	<div>Municipal Community</div> <div>Non-transient, non-community</div>
DNR Region:	<div></div>
County:	<div>Adams</div> <div>Ashland</div> <div>Barron</div> <div>Bayfield</div> <div>Brown</div>
Status of the Water Supply System:	<div>Active</div>
Status of the Sampled Well:	<div></div>
Sample date:	<div>01/01/2000</div> to <div>1/01/2001</div> mm/dd/yyyy
Sample type:	<div>Compliance</div>
Sample Source:	<div>Distribution System</div>

Township:

	▲
1	
2	
3	▼

N

Range:

	▲
1	
2	
3	▼

Direction:

	▼
--	---

Section:

	▲
1	
2	
3	▼

**DNR Sample
Group:**

	▼
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Appendix A-5



Contaminants in Public Water Supplies

Contaminant:	ARSENIC	Storet Code:	1002
Measured Amount:	.00205	Units:	MG/L
System Name:	ONALASKA WATERWORKS	DNR Public Water Supply ID:	63203272
System Type:	Municipal Community	DNR Region:	West Central
County:	La Crosse	Population:	13,000
Status of the Water Supply System:	Active	Status of the Sampled Well:	Active
Sample date:	06/20/2000 mm/dd/yyyy	Sample type:	Compliance
Sample Source:	Entry Point	Source ID:	9
WI Unique Well No:	BG179	Availability:	Permanent
Latitude:	43d 52m 30.8377s	Longitude:	91d 13m 20.3815s
Township:	16 N	Range:	7
Direction:	East	Section:	9
Quarter Section:	Southwest	Quarter Quarter:	1
Lat/long Datum:	North American Datum of 1927 (NAD27)	Lat/long Method:	Quarter quarter centroid
Reason:	SDWA	DNR Sample Group:	Inorganics
Sample ID:	I84617	Limit of Detection:	0.00064
Qualifier Code:	No problem	Maximum Contaminant Limit (MCL):	0.050
MCL Units:	MG/L		

Appendix A-6



Public Right to Know Query Results

PWS Drinking Water Data

State: CALIFORNIA

Report Generated: 05-Apr-01

Surface Water

PWS Category	PWS Size	Total Analyses	#Analyses W/Detects	#PWS W/Analyses	PWS W/Detects	Units	Min	Max	Average	Std Dev
Benzene										
Very Small	0-500	39	0	10	0					
Small	501-3,300	29	0	17	0					
Medium	3,301-10,000	52	0	12	0					
Large	10,001-100,000	413	6	40	2ug/l		.49	2.9	1.0483	.9201
Very Large	100,000+	600	19	17	3ug/l		.3	4.6	1.2737	1.0289
All Systems		1133	25	96	5ug/l		.3	4.6	1.2196	.99

Ground Water UDI Surface Water

PWS Category	PWS Size	Total Analyses	#Analyses W/Detects	#PWS W/Analyses	PWS W/Detects	Units	Min	Max	Average	Std Dev
Benzene										
Very Small	0-500	8	0	7	0					
Small	501-3,300	1	0	1	0					
Medium	3,301-10,000	4	0	2	0					
Large	10,001-100,000	2	0	1	0					
All Systems		15	0	11	0					

Ground Water

PWS Category	PWS Size	Total Analyses	#Analyses W/Detects	#PWS W/Analyses	PWS W/Detects	Units	Min	Max	Average	Std Dev
Benzene										
Very Small	0-500	1017	7	815	4ug/l		.6	243	38.5429	90.2637
Small	501-3,300	513	4	218	4ug/l		.2	2.8	.9875	1.2303
Medium	3,301-10,000	629	28	105	5ug/l		.51	1300	233.9468	345.7384
Large	10,001-100,000	1684	7	117	5ug/l		.1	10	2	3.5749
Very Large	100,000+	382	3	9	1ug/l		.9	1.3	1.0667	.2082
All Systems		4225	49	1264	19ug/l		.1	1300	139.6216	283.729

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For comments, questions, or suggestions, please use the [NCOD Feedback Form](#).
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