

City of Urbana

Organic Compounds	EP 003 PW Supply					
VOC	Date					
	Unit	MCL	1 Qrt.	2 Qrt	3 Qrt	4 Qrt.
			3/5/2018	6/18/2018	8/20/2018	12/3/2018
1,1,1- Trichloroethane	ug/L	200	<0.5	<0.5	<0.5	<0.5
Tetrachlorethylene	ug/L	5	<0.5	<0.5	<0.5	<0.5
Trichloroethylene	ug/L	5	<0.5	<0.5	<0.5	<0.5

Organic Compounds	DS202 / 1840 E US Hwy 36					
THM's	Date				8/27/2018	
Wells #10 #11 #12	Unit	MCL	1 Qrt.	2Qrt.	3 Qrt.	4 Qrt.
Bromodichloromethane	ug/L	n/a			3.4	
Bromoform	ug/L	n/a			<.0.5	
Chloroform	ug/L	n/a			3.6	
Dibromochoromethane	ug/L	n/a			2.1	
Total THMs	ug/L	80			9.1	

Haloacetic Acids (HAA5)	DS202 / 1840 E US Hwy 36					
Wells #10 #11 #12	Date				8/27/2018	
	Unit	MCL	1 Qrt.	2Qrt.	3 Qrt.	4 Qrt.
Dibromoacetic Acid	ug/L				<1.0	
Dichloroacetic Acid	ug/L				2.5	
Monobromoacetic Acid	ug/L				<1.0	
Monochloroacetic Acid	ug/L				<2.0	
Trichloroacetic Acid	ug/L				<1.0	
Total HAA5 's	ug/L	60			<6.0	

NITRATE	EP 003 PW #10 #11 #12					
	Date		3/5/2018	1/12/2015	1/4/2016	1/23/2017
	Unit	MCL				
Nitrate	mg/L	10	2.19	1.95	2.6	1.36
Nitrite	mg/L	1	< 0.10	< 0.10	< 0.1	< 0.1

IOC						
	Date		3/18/2009	2/16/2011	1/27/2014	1/23/2017
	Unit	MCL				
Antimony	ug/L	6	< 3	< 3	< 4	< 4
Arsenic	ug/L	10	< 3	< 3.00	< 3	< 3.0
Barium	ug/L	2000	190	180	152	154
Beryllium	ug/L	4	< 0.5	< 0.50	< 1	< 1.0
Cadmium	ug/L	5	< 0.5	< 0.50	< 1	< 1.0
Chromium	ug/L	100	< 10	< 10	< 5.0	< 5.0
Cyanide	ug/L	200	< 5	< 5.0	< 10.0	< 10.0

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Fluoride	mg/L	4	0.31	0.321	0.26	0.25
Mercury	ug/L	2	< 0.2	< 0.2	< 0.2	< 0.5
Nickel	ug/L	100	< 10	< 10	< 10.0	< 10.0
Selenium	ug/L	50	< 3	< 3.00	< 5.0	< 5.0
Thallium	ug/L	2	< 1	< 1.00	< 1.5	< 1.5

UCMR3						
	Date		1/18/2013	7/17/2013		
	Unit	MCL	Round 1	Round 2		
Chlorate	ug/l	NA	169	255		
Molybdenum	ug/l	NA	1.56	1.4		
Strontium	ug/l	NA	459	380		
Chromium Hex	ug/l	NA	0.062	< 0.03		

SOC						
	Date		1/23/2017	4/20/2011	4/18/2012	1/27/2014
	Unit	MCL				
Alachlor	ug/L	2	< 0.20			< 0.2
Atrazine	ug/L	3	< 0.30			< 0.3
Simazine	ug/L	4	< 0.35			< 0.35
Adapate	ug/L	400				
Phthalate	ug/L	6				
Diquat	ug/L	20			< 0.4	
Glyphosate	ug/L	700			< 6.0	
Lindane	ug/L	0.2			< 0.022	
Methoxychlor	ug/L	40			< 0.1	
PCB's	ug/L	0.5			< 0.11	
Carbofuran	ug/L	40				
2,4 D	ug/L	70				
Oxaml	ug/L	200				
Pentachlor	ug/L	1				
Picloram	ug/L	500				
Benzo(a)pyrene	ug/L	0.2		< 0.018		
Bis(2-ethylhexy)adipate	ug/L	400		< 0.51		
Bis(2-ethylhexy)phthalate	ug/L	6		< 0.51		
Endothall	ug/L	100		< 9.0		

RADIOLOGICAL						
	Date		4/15/2009	7/15/2009	1/14/2013	1/4/2016
	Unit	MCL				
Alpha, Total	pci/l	15	< 3	< 3	< 3	< 3
Radium-228	pci/l	5	< 1	< 1	1.25	< 1

Hardness						
	Date		10/22/2012	6/17/2013	3/14/2016	
	Unit					
	mg/l		442	405	419	

VOC WELL 8

Organic Compounds			EP 002 PW # 8			
VOC	Date		1 Qrt.	2Qrt.	3 Qrt.	4 Qrt.
	Unit	MCL				
			RAW	RAW	RAW	RAW
1,1,1- Trichloroethane	ppb	200	N/A	N/A	N/A	N/A
Tetrachlorethylene	ppb	5	N/A	N/A	N/A	N/A
Trichloroethylene	ppb	5	N/A	N/A	N/A	N/A

VOC WELL 9

Organic Compounds	EP 002 PW # 9					
VOC	Date					
	Unit	MCL	1 Qrt.	2Qrt.	3 Qrt.	4 Qrt.
			RAW	RAW	RAW	RAW
1,1,1- Trichloroethane	ppb	200	N/A	N/A	N/A	N/A
Tetrachlorethylene	ppb	5	N/A	N/A	N/A	N/A
Trichloroethylene	ppb	5	N/A	N/A	N/A	N/A

EP 002 ANALYSIS

Organic Compounds VOC	EP 002 PW Supply					
	Date		2/26/2018	5/21/2018	8/27/2018	11/12/2018
	Unit	MCL	1 Qrt.	2 Qrt	3 Qrt.	4 Qrt
1,1,1- Trichloroethane	ug/L	200	< 0.50	<0.5	<0.5	<0.5
Tetrachlorethylene	ug/L	5	< 0.50	<0.5	<0.5	<0.5
Trichloroethylene	ug/L	5	< 0.50	<0.5	<0.5	<0.5

Organic Compounds THM's Wells 8 & 9	DS201 / 1579 E. SR. 29					
	Date				8/27/2018	
	Unit	MCL	1 Qrt.	2Qrt.	3 Qrt.	4 Qrt.
Bromodichloromethane	ug/L	n/a			<0.5	
Bromoform	ug/L	n/a			<0.5	
Chloroform	ug/L	n/a			<0.5	
Dibromochoromethane	ug/L	n/a			<0.5	
Total THMs	ug/L	80			<2.0	

Haloacetic Acids (HAA5) Wells 8 & 9	DS201 / 1579 E. SR. 29					
	Date				8/27/2018	
	Unit	MCL	1 Qrt.	2Qrt.	3 Qrt.	3 Qrt.
Dibromoacetic Acid	ug/L				<1.0	
Dichloroacetic Acid	ug/L				<1.0	
Monobromoacetic Acid	ug/L				<1.0	
Monochloroacetic Acid	ug/L				<2.0	
Trichloroacetic Acid	ug/L				<1.0	
Total HAA5 's	ug/L	60			<6.0	

NITRATE Nitrite NITRATE	EP 002 PW # 8 & # 9					
	Date		8/17/2015	7/11/2016	8/27/2018	
	Unit	MCL				
	mg/l	1	< 0.10	< 0.1	N/A	
	mg/L	10	2.6	2.85	2.98	

IOC						
	Date		2/20/2008	2/16/2011	1/27/2014	1/23/2017
	Unit	MCL				
Antimony	ug/L	6	< 3.0	< 3.00	< 4.0	< 4.0
Arsenic	ug/L	10	< 3.0	< 3.00	< 3.0	< 3.0
Barium	ug/L	2000	140	110	107	108
Beryllium	ug/L	4	< 0.5	< 0.50	< 1.0	< 1.0
Cadmium	ug/L	5	< 0.2	< 0.50	< 1.0	< 1.0
Chromium	ug/L	100	< 5.0	< 10	< 5.0	< 5.0
Cyanide	ug/L	200	< 10.0	< 5.0	< 10.0	< 10.0
Fluoride	mg/l	4	0.22	0.295	0.21	0.22
Mercury	ug/L	2	< 0.2	< 0.2	< 0.2	< 0.5
Nickel	ug/L	100	< 5.0	< 10	< 10.0	< 10.0
Selenium	ug/L	50	< 5.0	< 3.00	< 5.0	< 5.0
Thallium	ug/L	2	< 1.0	< 1.00	< 1.5	< 1.5

EP 002 ANALYSIS

UCMR3					
	Date		1/18/2013	7/17/2013	
	Unit	MCL	Round 1	Round 2	
Chlorate	ug/l	NA	68	67.4	
Molybdenum	ug/l	NA	4.94	5.5	
Strontium	ug/l	NA	277	240	
Vanadium	ug/l	NA	< 0.2	0.35	

SOC						
	Date		4/20/2015	4/11/2016	1/23/2017	5/21/2018
	Unit	MCL				
Alachlor	ug/L	2			< 0.2	
Atrazine	ug/L	3			< 0.3	
Simazine	ug/L	4			< 0.35	
Adapate	ug/L	400				
Phthalate	ug/L	6				
Diquat	ug/L	20	< 2.0			<2.0
Glyphosate	ug/L	700	< 30			<6.0
Lindane	ug/L	0.2	< 0.1			<0.1
Methoxychlor	ug/L	40	< 0.1			<0.1
PCB's	ug/L	0.5	< 0.1			<0.1
Carbofuran	ug/L	40		< 0.9		
2,4 D	ug/L	70		< 1.0		
Oxaml	ug/L	200		< 2.0		
Pentachlor	ug/L	1		< 0.4		
Picloram	ug/L	500		< 1.0		
Benzo(a)pyrene	ug/L	0.2				<0.017
Bis(2-ethylhexy)adipate	ug/L	400				<0.47
Bis(2-ethylhexy)phthalate	ug/L	6				<0.47
Endothall	ug/L	100				<9.0

RADIOLOGICAL					
	Date		3/3/2008	1/27/2014	
	Unit	MCL			
Alpha, Total	pci/l	15	< 3.00	< 3.0	
Radium-228	pci/l	5	< 1.00	< 1.0	

Hardness						
	Date		8/1/2011	10/22/2012	6/24/2013	11/7/2016
	Unit					
	mg/l		298	342	320	339

VOC WELL FIELD DATA 8 AND 9