City of Urbana

Organic Compounds	EP 003 PW Supply					
VOC	**Date**					
	Unit	**MCL**	**1 Qrt.**	**2 Qrt**	**3 Qrt**	**4 Qrt.**
			2/25/2019	**4/23/2019**	**6/24/2019**	**10/28/2019**
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**				**9/16/2019**	
Wells #10 #11 #12	**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	

Haloacetic Acids (HAA5)	DS202 / 1840 E US Hwy 36					
Wells #10 #11 #12	**Date**				**9/16/2019**	
	Unit	**MCL**	**1 Qrt.**	**2Qrt.**	**3 Qrt.**	**4 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	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

City of Urbana

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
Selinium	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**		**7/15/2009**	**1/14/2013**	**1/4/2016**	**4/30/2019**
	Unit	**MCL**				
Alpha, Total	pci/l	15	< 3	<3	< 3	2.3+/-1.7
Radium-228	pci/l	5	< 1	1.25	< 1	1.1+/-0.4

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			4/23/2019		
	Unit	MCL	1 Qrt.	2Qrt.	3 Qrt.	4 Qrt.
			RAW	RAW	RAW	RAW
1,1,1- Trichloroethane	ppb	200	N/A	<0.5	N/A	N/A
Tetrachlorethylene	ppb	5	N/A	1.19	N/A	N/A
Trichloroethylene	ppb	5	N/A	<0.5	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	EP 002 PW Supply					
VOC	**Date**		**2/25/2019**	**4/23/2019**	**8/26/2019**	**10/28/2019**
	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	DS201 / 1579 E. SR. 29					
THM's	**Date**				**9/16/2019**	
Wells 8 & 9	**Unit**	**MCL**	**1 Qrt.**	**2Qrt.**	**3 Qrt.**	**4 Qrt.**
Bromodichloromethane	ug/L	n/a			2.8	
Bromoform	ug/L	n/a			0.6	
Chloroform	ug/L	n/a			2.6	
Dibromochoromethane	ug/L	n/a			2	
Total THMs	ug/L	80			8	

Haloacetic Acids (HAA5)	DS201 / 1579 E. SR. 29					
Wells 8 & 9	**Date**				**9/16/2019**	
	Unit	**MCL**	**1 Qrt.**	**2Qrt.**	**3 Qrt.**	**4 Qrt.**
Dibromoacetic Acid	ug/L				<1.0	
Dichloroacetic Acid	ug/L				1.3	
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 002 PW # 8 & # 9					
	Date		**8/17/2015**	**7/11/2016**	**8/27/2018**	**9/16/2019**
	Unit	**MCL**				
Nitrite	**mg/l**	**1**	< 0.10	< 0.1	N/A	N/A
NITRATE	mg/L	10	2.6	2.85	2.98	2.71

IOC						
	Date		**2/16/2011**	**1/27/2014**	**1/23/2017**	**4/23/2019**
	Unit	**MCL**				
Antimony	ug/L	6	< 3.00	**< 4.0**	**< 4.0**	N/A
Arsenic	ug/L	10	< 3.00	< 3.0	< 3.0	<2.0
Barium	ug/L	2000	110	107	108	145
Beryllium	ug/L	4	< 0.50	< 1.0	< 1.0	N/A
Cadmium	ug/L	5	< 0.50	< 1.0	< 1.0	<0.2
Chromium	ug/L	100	< 10	< 5.0	< 5.0	<2.0
Cyanide	ug/L	200	< 5.0	< 10.0	< 10.0	N/A
Fluoride	mg/l	4	0.295	0.21	0.22	0.22
Mercury	ug/L	2	< 0.2	< 0.2	< 0.5	N/A
Nickel	ug/L	100	< 10	< 10.0	< 10.0	2.4
Selinium	ug/L	50	< 3.00	< 5.0	< 5.0	<2.0
Thallium	ug/L	2	< 1.00	< 1.5	< 1.5	N/A

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		**4/11/2016**	**1/23/2017**	**5/21/2018**	**4/23/2019**
	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	
Glyphosate	ug/L	700			<6.0	
Lindane	ug/L	0.2			<0.1	
Methoxychlor	ug/L	40			<0.1	
PCB's	ug/L	0.5			<0.1	
Carbofuran	ug/L	40	< 0.9			<0.9
2,4 D	ug/L	70	< 1.0			<1.0
Oxaml	ug/L	200	< 2.0			<2.0
Pentachlor	ug/L	1	< 0.4			<0.4
Picloram	ug/L	500	< 1.0			<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**		**10/22/2012**	**6/24/2013**	**11/7/2016**	**4/23/2019**
	Unit					
	mg/l		342	320	339	349

Nitrates EP 002

Nitrates Wells 8 & 9									
Date		**Results**							
7/5/2000		2.83							
11/7/2000		2.78							
12/5/2000		2.66		.					
2/6/2001		2.84							
3/6/2001		2.74							
4/3/2001		2.79							
6/6/2001		4							
10/9/2002		2.75							
11/12/2002		3.13							
7/7/2003		3.58							
7/7/2004		3.68							
7/19/2005		4.59							
7/19/2006		3.6							
5/4/2007		4.76							
7/18/2007		3.44							
9/8/2008		3.1							
7/13/2009		3.6							
7/19/2010		3.1							
7/18/2011		3.8							
7/16/2012		1.8							
7/8/2013		2.4							
8/4/2014		2.75							
8/17/2015		2.6							
7/11/2016		2.85							
8/27/2018		2.98							
4/23/2019		3.03							

VOC WELL FIELD DATA 8 AND 9

Well # 8			
Date	**TCA**	**PCE**	**TCE**
Jan-16	<0.5	1.63	<0.5
Apr-16	<0.5	1.34	<0.5
Oct-16	< 0.5	2.53	< 0.5
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Well # 9			
Date	**TCA**	**PCE**	**TCE**
Jan-16	<0.5	0.69	<0.5
Apr-16	<0.5	0.55	<0.5
Jul-16	<0.5	2.64	<0.5
Nov-16	< 0.5	1.19	< 0.5
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Well # 8 & 9			
Date	**TCA**	**PCE**	**TCE**
Jan-16	<0.5	<0.5	<0.5
Apr-16	<0.5	<0.5	<0.5
Jul-16	<0.5	<0.5	<0.5
Oct-16	<0.5	<0.5	<0.5
Jan. 2017	<0.5	<0.5	<0.5
Apr. 2017	<0.5	<0.5	<0.5
Jul. 2017	<0.5	<0.5	<0.5
Nov. 2017	<0.5	<0.5	<0.5
Feb. 2018	<0.5	<0.5	<0.5
May. 2018	<0.5	<0.5	<0.5
Aug. 2018	<0.5	<0.5	<0.5
Nov. 2018	<0.5	<0.5	<0.5
Feb. 2019	<0.5	<0.5	<0.5
Apr. 2019	<0.5	<0.5	<0.5
Aug. 2019	<0.5	<0.5	<0.5
Oct. 2019	<0.5	<0.5	<0.5