

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		DEQ-CR-MW002								
Well Screen Interval (bgs)		20 - 25 ft								
Sample	GW1910081420RAP	GW2001221050MK	GW2004151045RL	GW2007151105RL	GW2010281015RL	GW2101261405SK	GW2104071245RLF	GW2107211420RLF	FD2107211420RLF	
Sample Date	10/8/2019	1/22/2020	4/15/2020	7/15/2020	10/28/2020	1/26/2021	4/7/2021	7/21/2021	7/21/2021	
Lab Report	1903623	2000165	2000899	2001522	2002372	2102039	2104109	2107214	2107214	
Compound	Unit	Result	Result	Result	Result	Result	Result	Result	Result	
PFBA	ng/l	< 2.11	<b>2.4 J</b>	<b>1.6 J</b>	<b>2.8 J</b>	<b>2.0 J</b>	<b>3.0 J</b>	<b>2.4 J</b>	<b>1.9 J</b>	<b>1.8 J</b>
PFPeA	ng/l	< 2.11	< 2.02	< 2.02	<b>1.5 J</b>	< 2.02	<b>1.2 J</b>	<b>3.3 J</b>	<b>1.9 J</b>	<b>2.0 J</b>
PFHxA	ng/l	< 2.11	< 2.02	<b>3.0 J</b>	<b>1.8 J</b>	<b>1.6 J</b>	<b>2.4 J, Q</b>	<b>6.1 Q</b>	<b>3.7 J</b>	<b>3.2 J</b>
PFHpA	ng/l	< 2.11	<b>3.0 J, Q</b>	<b>4.7 Q</b>	<b>2.1 J</b>	<b>1.1 J</b>	<b>4.1</b>	<b>4.9 Q</b>	<b>3.7 J</b>	<b>3.3 J</b>
PFOA	ng/l	<b>2.1 J</b>	<b>7.3</b>	<b>7.7</b>	<b>4.4</b>	<b>2.5 J</b>	<b>5.3</b>	<b>10.9</b>	<b>10.4</b>	<b>9.6</b>
PFNA	ng/l	< 2.11	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
PFDA	ng/l	< 2.11	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
PFUnDA	ng/l	< 2.11	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
PFDoDA	ng/l	< 2.11	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
PFTTrDA	ng/l	< 2.11	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
PFTeDA	ng/l	< 2.11	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
11CI-PF3OUdS	ng/l	---	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
9CI-PF3ONS	ng/l	---	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
ADONA	ng/l	---	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
HFPO-DA	ng/l	---	< 3.02	< 3.04	< 3.22	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
PFDS	ng/l	< 2.11	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
PFBS	ng/l	< 2.11	<b>1.9 J</b>	< 2.02	< 2.15	<b>2.2 J</b>	<b>2.1 J</b>	<b>1.6 J</b>	<b>2.3 J</b>	<b>2.2 J</b>
PFPeS	ng/l	< 2.11	< 2.02	< 2.02	< 2.15	<b>3.8 J</b>	<b>1.7 J</b>	< 2.05	<b>1.6 J, Q</b>	<b>1.5 J</b>
PFHxS	ng/l	< 2.11	<b>4.9</b>	<b>4.5</b>	<b>1.9 J</b>	<b>1.4 J</b>	<b>4.3</b>	<b>12.1</b>	<b>18.9</b>	<b>20.8</b>
PFHpS	ng/l	< 2.11	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	<b>2.4 J, Q</b>
PFOS	ng/l	<b>12.9</b>	<b>41.5</b>	<b>43.9</b>	<b>25.4</b>	<b>26.8</b>	<b>36.5</b>	<b>55.0</b>	<b>52.2</b>	<b>47.2</b>
PFNS	ng/l	< 2.11	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
FOSA	ng/l	< 2.11	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
4:2 FTS	ng/l	< 2.11	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
6:2 FTS	ng/l	< 2.11	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
8:2 FTS	ng/l	< 2.11	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
NEtFOSAA	ng/l	< 2.11	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
NMeFOSAA	ng/l	< 2.11	< 2.02	< 2.02	< 2.15	< 2.02	< 2.01	< 2.05	< 2.04	< 2.12
Total PFAS	ng/l	<b>15.0</b>	<b>61.1</b>	<b>65.3</b>	<b>39.8</b>	<b>41.3</b>	<b>60.6</b>	<b>96.3</b>	<b>96.5</b>	<b>94.0</b>

Footnotes:

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		DEQ-CR-MW003						DEQ-CR-MW005							
Well Screen Interval (bgs)		-						18 - 23 ft							
Sample Date		GW2010281545RL		GW2101271510SK		GW2104071455RLF		GW1910081505RAP		GW2001221050RAP		GW2004150840RL			
Lab Report		10/28/2020		1/27/2021		4/7/2021		10/8/2019		1/22/2020		4/15/2020			
Compound		2002372		2102039		2104109		1903623		2000165		2000899			
Unit		Result		Result		Result		Result		Result		Result			
PFBA	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
PFPeA	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
PFHxA	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
PFHpA	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
PFOA	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
PFNA	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
PFDA	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
PFUnDA	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
PFDoDA	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
PFTTrDA	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
PFTeDA	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
11CI-PF3OUdS	ng/l		< 2.01		< 2.01		< 1.99		---		< 2.05		< 2.03		
9CI-PF3ONS	ng/l		< 2.01		< 2.01		< 1.99		---		< 2.05		< 2.03		
ADONA	ng/l		< 2.01		< 2.01		< 1.99		---		< 2.05		< 2.03		
HFPO-DA	ng/l		< 2.01		< 2.01		< 1.99		---		< 3.07		< 3.05		
PFDS	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
PFBS	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
PFPeS	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
PFHxS	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
PFHpS	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
PFOS	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
PFNS	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
FOSA	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
4:2 FTS	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
6:2 FTS	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
8:2 FTS	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
NEtFOSAA	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		<b>2.2 J</b>		
NMeFOSAA	ng/l		< 2.01		< 2.01		< 1.99		< 2.05		< 2.05		< 2.03		
Total PFAS	ng/l		<b>ND</b>		<b>ND</b>		<b>ND</b>		<b>ND</b>		<b>ND</b>		<b>2.2</b>		

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		DEQ-CR-MW006								
Well Screen Interval (bgs)		20 - 25 ft								
Sample	GW1910081555RAP	GW2001220950MK	GW2004150945RL	GW2007151005RL	GW2007151005RL-FD	GW2010280930RL	GW2101291030SK	GW2104071350RLF	GW2107211525RLF	
Sample Date	10/8/2019	1/22/2020	4/15/2020	7/15/2020	7/15/2020	10/28/2020	1/29/2021	4/7/2021	7/21/2021	
Lab Report	1903623	2000165	2000899	2001522	2001522	2002372	2102040	2104109	2107214	
Compound	Unit	Result	Result	Result	Result	Result	Result	Result	Result	
PFBA	ng/l	<b>2.2 J</b>	<b>2.7 J</b>	<b>3.2 J</b>	<b>2.5 J</b>	<b>2.1 J</b>	<b>1.5 J</b>	<b>2.3 J</b>	<b>2.6 J</b>	<b>2.0 J</b>
PFPeA	ng/l	<b>2.3 J</b>	< 1.99	< 1.99	< 2.07	< 1.92	<b>1.2 J</b>	<b>1.5 J</b>	<b>1.4 J</b>	<b>1.8 J</b>
PFHxA	ng/l	<b>3.0 J</b>	< 1.99	< 1.99	< 2.07	< 1.92	<b>1.2 J</b>	<b>2.5 J, Q</b>	<b>1.9 J, Q</b>	<b>3.3 J</b>
PFHpA	ng/l	<b>1.5 J, Q</b>	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	<b>2.4 J</b>	<b>1.2 J, Q</b>	<b>1.6 J</b>
PFOA	ng/l	<b>5.6</b>	<b>3.9 J</b>	<b>5.6</b>	<b>3.4 J</b>	<b>3.2 J</b>	<b>3.9 J</b>	<b>8.1</b>	<b>4.5</b>	<b>5.8</b>
PFNA	ng/l	< 2.05	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
PFDA	ng/l	< 2.05	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
PFUnDA	ng/l	< 2.05	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
PFDoDA	ng/l	< 2.05	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
PFTTrDA	ng/l	< 2.05	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
PFTeDA	ng/l	< 2.05	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
11CI-PF3OUdS	ng/l	---	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
9CI-PF3ONS	ng/l	---	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
ADONA	ng/l	---	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
HFPO-DA	ng/l	---	< 2.99	< 2.99	< 3.11	< 2.87	< 1.99	< 2.02	< 2.02	< 2.00
PFDS	ng/l	< 2.05	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
PFBS	ng/l	< 2.05	<b>1.7 J</b>	<b>1.9 J</b>	< 2.07	< 1.92	< 1.99	<b>2.2 J</b>	<b>1.7 J</b>	<b>2.7 J, Q</b>
PFPeS	ng/l	< 2.05	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
PFHxS	ng/l	<b>15.6</b>	<b>12.4</b>	<b>7.6</b>	<b>6.9</b>	<b>6.5</b>	<b>11.0</b>	<b>21.1</b>	<b>7.2</b>	<b>19.7</b>
PFHpS	ng/l	< 2.05	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
PFOS	ng/l	<b>6.1 Q</b>	<b>7.3</b>	<b>3.8 J</b>	<b>6.0</b>	<b>6.3</b>	<b>9.9</b>	<b>10.9</b>	<b>5.4</b>	<b>1.4 J</b>
PFNS	ng/l	< 2.05	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
FOSA	ng/l	< 2.05	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
4:2 FTS	ng/l	< 2.05	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
6:2 FTS	ng/l	< 2.05	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
8:2 FTS	ng/l	< 2.05	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
NEtFOSAA	ng/l	< 2.05	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
NMeFOSAA	ng/l	< 2.05	< 1.99	< 1.99	< 2.07	< 1.92	< 1.99	< 2.02	< 2.02	< 2.00
Total PFAS	ng/l	<b>36.4</b>	<b>27.9</b>	<b>22.0</b>	<b>18.8</b>	<b>18.1</b>	<b>28.6</b>	<b>51.0</b>	<b>25.9</b>	<b>38.3</b>

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		DEQ-CR-MW007							DEQ-LD-MW001								
Well Screen Interval (bgs)		-							10 - 15 ft								
Sample									GW2107211635RLF	GW1910091100RAP	GW2001221215RAP	GW2004151505RL	GW2007151325RL	GW2010281300RL			GW2107211030RLF
Sample Date									7/21/2021	10/9/2019	1/22/2020	4/15/2020	7/15/2020	10/28/2020			7/21/2021
Lab Report									2107214	1903623	2000165	2000899	2001522	2002372			2107214
Compound	Unit								Result	Result	Result	Result	Result	Result			Result
PFBA	ng/l							< 2.08	<b>5.9</b>	<b>1.7 J</b>	< 2.04	<b>1.8 J</b>	<b>1.3 J</b>				<b>1.1 J</b>
PFPeA	ng/l							< 2.08	<b>4.6</b>	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
PFHxA	ng/l							< 2.08	<b>6.8</b>	<b>1.7 J</b>	< 2.04	< 1.98	< 1.95				< 2.09
PFHpA	ng/l							< 2.08	<b>2.3 J, Q</b>	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
PFOA	ng/l							< 2.08	<b>3.4 J</b>	<b>3.1 J</b>	<b>2.6 J</b>	<b>3.2 J</b>	<b>2.0 J</b>				<b>3.0 J</b>
PFNA	ng/l							< 2.08	< 2.07	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
PFDA	ng/l							< 2.08	< 2.07	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
PFUnDA	ng/l							< 2.08	< 2.07	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
PFDoDA	ng/l							< 2.08	< 2.07	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
PFTTrDA	ng/l							< 2.08	< 2.07	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
PFTeDA	ng/l							< 2.08	< 2.07	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
11CI-PF3OUdS	ng/l							< 2.08	---	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
9CI-PF3ONS	ng/l							< 2.08	---	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
ADONA	ng/l							< 2.08	---	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
HFPO-DA	ng/l							< 2.08	---	< 3.09	< 3.06	< 2.96	< 1.95				< 2.09
PFDS	ng/l							< 2.08	< 2.07	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
PFBS	ng/l							< 2.08	<b>3.3 J</b>	<b>2.4 J</b>	<b>2.2 J</b>	<b>2.6 J</b>	<b>2.2 J</b>				<b>3.0 J</b>
PFPeS	ng/l							< 2.08	< 2.07	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
PFHxS	ng/l							< 2.08	<b>3.3 J</b>	<b>1.8 J</b>	<b>1.7 J</b>	<b>3.5 J</b>	<b>3.3 J</b>				<b>2.8 J</b>
PFHpS	ng/l							< 2.08	< 2.07	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
PFOS	ng/l							< 2.08	<b>2.1 J, Q</b>	<b>2.7 J</b>	< 2.04	<b>2.3 J</b>	<b>2.8 J</b>				< 2.09
PFNS	ng/l							< 2.08	< 2.07	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
FOSA	ng/l							< 2.08	< 2.07	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
4:2 FTS	ng/l							< 2.08	< 2.07	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
6:2 FTS	ng/l							< 2.08	< 2.07	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
8:2 FTS	ng/l							< 2.08	< 2.07	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
NEtFOSAA	ng/l							< 2.08	< 2.07	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
NMeFOSAA	ng/l							< 2.08	< 2.07	< 2.06	< 2.04	< 1.98	< 1.95				< 2.09
Total PFAS	ng/l							<b>ND</b>	<b>31.8</b>	<b>13.3</b>	<b>6.5</b>	<b>13.5</b>	<b>11.6</b>				<b>10.0</b>

Footnotes:  
1. bgs - Below ground surface  
2. ft = feet  
3. ND - Result below detection limit  
4. ng/l - Nanograms per liter  
5. < 2.05 - Result below detection limit  
6. --- = Analyte not included in analysis.  
7. **BOLD** - Analyte above detection  
**Highlight** - Above EGLE Part 201  
criteria: 6 ng/L PFNA, 8 ng/L PFOA,  
16 ng/L PFOS, 51 ng/L PFHxS,  
370 ng/L HFPO-DA, 420 ng/L PFBS,  
or 400,000 ng/L PFHxA  
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		DEQ-LD-MW003									
Well Screen Interval (bgs)		10 - 15 ft									
Sample		GW1910091215RAP	GW2001221350RAP	GW2004151350RL	FD2004151350RL	GW2007151240RL	GW2010281145RL	FD2010281145RL	GW2101290915SK	GW2104071810RLF	GW2107211115RLF
Sample Date		10/9/2019	1/22/2020	4/15/2020	4/15/2020	7/15/2020	10/28/2020	10/28/2020	1/29/2021	4/7/2021	7/21/2021
Lab Report		1903623	2000165	2000899	2000899	2001522	2002372	2002372	2102040	2104108	2107214
Compound	Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PFBA	ng/l	< 2.17	<b>3.4 J</b>	<b>2.8 J</b>	<b>3.0 J</b>	<b>3.5 J</b>	<b>4.4</b>	<b>4.8</b>	<b>2.8 J</b>	<b>1.1 J</b>	<b>2.6 J</b>
PFPeA	ng/l	<b>1.7 J</b>	<b>7.0</b>	<b>4.5</b>	<b>5.3</b>	<b>7.1</b>	<b>16.9</b>	<b>16.6</b>	<b>8.0</b>	<b>3.0 J</b>	<b>2.3 J</b>
PFHxA	ng/l	<b>2.6 J</b>	<b>8.0</b>	<b>5.0</b>	<b>4.6 Q</b>	<b>6.6</b>	<b>14.7</b>	<b>15.9</b>	<b>9.3</b>	<b>3.6 J</b>	<b>3.5 J, Q</b>
PFHpA	ng/l	< 2.17	<b>2.2 J</b>	<b>1.7 J, Q</b>	<b>1.6 J, Q</b>	< 2.07	<b>4.4</b>	<b>4.6</b>	<b>3.0 J</b>	<b>1.1 J</b>	<b>1.1 J</b>
PFOA	ng/l	<b>2.6 J</b>	<b>6.3</b>	<b>4.1</b>	<b>4.7</b>	<b>4.4</b>	<b>11.0</b>	<b>10.2</b>	<b>10.5</b>	<b>4.2</b>	<b>3.9 J</b>
PFNA	ng/l	< 2.17	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
PFDA	ng/l	< 2.17	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
PFUnDA	ng/l	< 2.17	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
PFDoDA	ng/l	< 2.17	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
PFTTrDA	ng/l	< 2.17	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
PFTeDA	ng/l	< 2.17	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
11CI-PF3OUdS	ng/l	---	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
9CI-PF3ONS	ng/l	---	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
ADONA	ng/l	---	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
HFPO-DA	ng/l	---	< 3.01	< 3.02	< 3.02	< 3.10	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
PFDS	ng/l	< 2.17	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
PFBS	ng/l	<b>1.7 J</b>	<b>2.7 J</b>	<b>2.3 J</b>	<b>2.6 J, Q</b>	<b>3.3 J</b>	<b>4.5</b>	<b>5.1</b>	<b>4.4</b>	<b>2.8 J</b>	<b>2.0 J</b>
PFPeS	ng/l	< 2.17	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
PFHxS	ng/l	< 2.17	<b>2.4 J</b>	<b>1.4 J</b>	<b>1.6 J</b>	<b>2.2 J</b>	<b>3.9 J</b>	<b>3.8 J</b>	<b>4.0 J</b>	<b>2.7 J</b>	<b>2.7 J</b>
PFHpS	ng/l	< 2.17	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
PFOS	ng/l	< 2.17	<b>2.6 J</b>	< 2.02	< 2.02	< 2.07	<b>2.3 J</b>	<b>2.4 J</b>	<b>2.7 J</b>	<b>1.7 J</b>	< 2.08
PFNS	ng/l	< 2.17	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
FOSA	ng/l	< 2.17	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
4:2 FTS	ng/l	< 2.17	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
6:2 FTS	ng/l	< 2.17	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
8:2 FTS	ng/l	< 2.17	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
NEtFOSAA	ng/l	< 2.17	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
NMeFOSAA	ng/l	< 2.17	< 2.01	< 2.02	< 2.02	< 2.07	< 2.04	< 1.99	< 2.07	< 2.01	< 2.08
Total PFAS	ng/l	<b>8.5</b>	<b>34.5</b>	<b>21.8</b>	<b>23.3</b>	<b>27.1</b>	<b>62.1</b>	<b>63.4</b>	<b>44.5</b>	<b>20.2</b>	<b>18.0</b>

Footnotes:

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		DEQ-LD-MW005					
Well Screen Interval (bgs)		5 - 10 ft					
Sample		GW1910081710RAP	GW2001221650RAP	GW2004151605SRL		GW2101281055SK	GW2104061440RLF
Sample Date		10/8/2019	1/22/2020	4/15/2020		1/28/2021	4/6/2021
Lab Report		1903623	2000166	2000906		2102039	2104109
Compound	Unit	Result	Result	Result		Result	Result
PFBA	ng/l	<b>14.5</b>	<b>13.1</b>	<b>11.9</b>		<b>9.6</b>	<b>9.7</b>
PFPeA	ng/l	< 2.16	< 2.01	< 2.02		<b>2.4 J</b>	<b>1.7 J</b>
PFHxA	ng/l	< 2.16	< 2.01	< 2.02		<b>1.5 J</b>	<b>1.2 J, Q</b>
PFHpA	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
PFOA	ng/l	<b>2.8 J</b>	<b>2.6 J</b>	<b>2.8 J</b>		<b>3.0 J</b>	<b>2.0 J</b>
PFNA	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
PFDA	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
PFUnDA	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
PFDoDA	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
PFTTrDA	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
PFTeDA	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
11CI-PF3OUdS	ng/l	---	< 2.01	< 2.02	Jul 2020	< 2.01	< 1.99
9CI-PF3ONS	ng/l	---	< 2.01	< 2.02		Oct 2020	< 2.01
ADONA	ng/l	---	< 2.01	< 2.02		< 2.01	< 1.99
HFPO-DA	ng/l	---	< 3.01	< 3.04		< 2.01	< 1.99
PFDS	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
PFBS	ng/l	<b>9.3</b>	<b>7.8</b>	<b>10.3</b>		<b>7.7</b>	<b>7.5</b>
PFPeS	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
PFHxS	ng/l	<b>5.0</b>	<b>9.5</b>	<b>6.3</b>		<b>9.0</b>	<b>8.7</b>
PFHpS	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
PFOS	ng/l	<b>3.1 J, Q</b>	<b>3.1 J</b>	<b>2.5 J</b>		<b>6.0</b>	<b>4.5</b>
PFNS	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
FOSA	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
4:2 FTS	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
6:2 FTS	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
8:2 FTS	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
NEtFOSAA	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
NMeFOSAA	ng/l	< 2.16	< 2.01	< 2.02		< 2.01	< 1.99
Total PFAS	ng/l	<b>34.6</b>	<b>36.1</b>	<b>33.8</b>		<b>39.2</b>	<b>35.3</b>

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		DEQ-RR-MW003			
Well Screen Interval (bgs)		12 - 17 ft			
Sample		GW1910081440GSC	GW2001231315MK	GW2004141105GSC	GW2010291015RL
Sample Date		10/8/2019	1/23/2020	4/14/2020	10/29/2020
Lab Report		1903623	2000166	2000899	2002372
Compound	Unit	Result	Result	Result	Result
PFBA	ng/l	<b>2.1 J</b>	<b>2.4 J</b>	< 1.99	< 2.03
PFPeA	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
PFHxA	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
PFHpA	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
PFOA	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
PFNA	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
PFDA	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
PFUnDA	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
PFDoDA	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
PFTTrDA	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
PFTeDA	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
11CI-PF3OUdS	ng/l	---	< 2.02	< 1.99	< 2.03
9CI-PF3ONS	ng/l	---	< 2.02	< 1.99	< 2.03
ADONA	ng/l	---	< 2.02	< 1.99	< 2.03
HFPO-DA	ng/l	---	< 3.02	< 2.99	< 2.03
PFDS	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
PFBS	ng/l	<b>47.6</b>	<b>8.7</b>	< 1.99	<b>2.3 J</b>
PFPeS	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
PFHxS	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
PFHpS	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
PFOS	ng/l	< 2.02	<b>1.9 J</b>	< 1.99	< 2.03
PFNS	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
FOSA	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
4:2 FTS	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
6:2 FTS	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
8:2 FTS	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
NEtFOSAA	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
NMeFOSAA	ng/l	< 2.02	< 2.02	< 1.99	< 2.03
Total PFAS	ng/l	<b>49.7</b>	<b>12.9</b>	<b>ND</b>	<b>2.3</b>

Jul 2020
Jan 2021
Apr 2021
Jul 2021

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		DEQ-RR-MW004							
Well Screen Interval (bgs)		17 - 22 ft							
Sample		GW1910090950GSC	GW2001231225MK	GW2004141140GSC	GW2007151245GSC	GW2010290855RL	GW2101261445GSC	GW2104070950KEM	GW2107210750MLH
Sample Date		10/9/2019	1/23/2020	4/14/2020	7/15/2020	10/29/2020	1/26/2021	4/7/2021	7/21/2021
Lab Report		1903623	2000166	2000899	2001522	2002372	2102039	2104108	2107214
Compound	Unit	Result	Result	Result	Result	Result	Result	Result	Result
PFBA	ng/l	1.5 J	9.6	6.1	4.1	19.4	11.2	8.7	11.1
PFPeA	ng/l	< 2.09	2.7 J	3.1 J	1.8 J	8.3	1.3 J	11.0	2.8 J
PFHxA	ng/l	< 2.09	1.9 J	1.7 J, Q	< 2.01	8.0	< 1.94	11.1	< 1.98
PFHpA	ng/l	< 2.09	1.4 J	< 2.03	< 2.01	2.3 J	< 1.94	8.3	1.2 J
PFOA	ng/l	< 2.09	4.0 J	2.9 J	2.0 J	2.8 J	1.3 J	8.5	3.1 J
PFNA	ng/l	< 2.09	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
PFDA	ng/l	< 2.09	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
PFUnDA	ng/l	< 2.09	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
PFDoDA	ng/l	< 2.09	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
PFTTrDA	ng/l	< 2.09	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
PFTeDA	ng/l	< 2.09	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
11CI-PF3OUdS	ng/l	---	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
9CI-PF3ONS	ng/l	---	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
ADONA	ng/l	---	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
HFPO-DA	ng/l	---	< 3.02	< 3.05	< 3.01	< 2.17	< 1.94	< 2.02	< 1.98
PFDS	ng/l	< 2.09	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
PFBS	ng/l	99.1	103.0	399.0	611.0	194.0	85.7	121.0	938.0
PFPeS	ng/l	< 2.09	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
PFHxS	ng/l	< 2.09	2.9 J	1.7 J	< 2.01	4.1 J	2.9 J	2.4 J	1.8 J
PFHpS	ng/l	< 2.09	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
PFOS	ng/l	11.0	18.9	27.5	9.9	15.4	15.9	30.0	13.7
PFNS	ng/l	< 2.09	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
FOSA	ng/l	< 2.09	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
4:2 FTS	ng/l	< 2.09	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
6:2 FTS	ng/l	< 2.09	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
8:2 FTS	ng/l	< 2.09	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
NEtFOSAA	ng/l	< 2.09	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
NMeFOSAA	ng/l	< 2.09	< 2.02	< 2.03	< 2.01	< 2.17	< 1.94	< 2.02	< 1.98
Total PFAS	ng/l	111.6	144.3	441.9	628.7	254.3	118.3	200.9	971.7

Footnotes:

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled



**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		DEQ-RR-MW005							
Well Screen Interval (bgs)		13 - 18 ft							
Sample		GW1910081530GSC	GW2001231425MK	GW2004141340GSC	GW2007151140GSC	GW2010291120RL	GW2101261545GSC	GW2104071040KEM	GW2107210940MLH
Sample Date		10/8/2019	1/23/2020	4/14/2020	7/15/2020	10/29/2020	1/26/2021	4/7/2021	7/21/2021
Lab Report		1903623	2000166	2000899	2001522	2002372	2102039	2104108	2107214
Compound	Unit	Result	Result	Result	Result	Result	Result	Result	Result
PFBA	ng/l	23.5	7.9	24.1	174.0	39.8	8.8	30.0	129.0
PFPeA	ng/l	22.6	13.1	14.7	502.0	110.0	23.6	39.0	372.0
PFHxA	ng/l	13.7	9.3	10.6	215.0	64.0	14.1	25.5	174.0
PFHpA	ng/l	1.6 J	2.0 J, Q	1.9 J, Q	18.7	2.7 J	< 2.02	2.5 J, Q	7.7
PFOA	ng/l	4.4	9.0	5.2	33.7	7.0	3.5 J	4.5	8.6
PFNA	ng/l	< 2.03	< 2.12	< 1.97	6.1	< 2.02	< 2.02	< 2.05	< 2.07
PFDA	ng/l	< 2.03	< 2.12	< 1.97	6.9	1.8 J	2.4 J	< 2.05	< 2.07
PFUnDA	ng/l	< 2.03	< 2.12	< 1.97	< 2.10	< 2.02	< 2.02	< 2.05	< 2.07
PFDoDA	ng/l	< 2.03	< 2.12	< 1.97	< 2.10	< 2.02	< 2.02	< 2.05	< 2.07
PFTTrDA	ng/l	< 2.03	< 2.12	< 1.97	< 2.10	< 2.02	< 2.02	< 2.05	< 2.07
PFTeDA	ng/l	< 2.03	< 2.12	< 1.97	< 2.10	< 2.02	< 2.02	< 2.05	< 2.07
11CI-PF3OUdS	ng/l	---	< 2.12	< 1.97	< 2.10	< 2.02	< 2.02	< 2.05	< 2.07
9CI-PF3ONS	ng/l	---	< 2.12	< 1.97	< 2.10	< 2.02	< 2.02	< 2.05	< 2.07
ADONA	ng/l	---	< 2.12	< 1.97	< 2.10	< 2.02	< 2.02	< 2.05	< 2.07
HFPO-DA	ng/l	---	< 3.18	< 2.95	< 3.15	< 2.02	< 2.02	< 2.05	< 2.07
PFDS	ng/l	3.2 J	4.3	4.9	11.2 Q	6.2	15.4	10.1	2.2 J
PFBS	ng/l	328.0	93.7	357.0	819.0	219.0	103.0	101.0	1,870.0
PFPeS	ng/l	< 2.03	< 2.12	< 1.97	< 2.10	< 2.02	< 2.02	< 2.05	< 2.07
PFHxS	ng/l	2.0 J	< 2.12	< 1.97	2.1 J	< 2.02	< 2.02	< 2.05	4.4
PFHpS	ng/l	< 2.03	< 2.12	< 1.97	< 2.10	< 2.02	< 2.02	< 2.05	< 2.07
PFOS	ng/l	39.7	46.5	21.3	150.0	46.2	23.4	12.5	8.4
PFNS	ng/l	< 2.03	< 2.12	< 1.97	< 2.10	< 2.02	< 2.02	< 2.05	< 2.07
FOSA	ng/l	24.0	12.6	17.1	30.1	38.0	77.2	25.7	9.6
4:2 FTS	ng/l	< 2.03	< 2.12	< 1.97	< 2.10	< 2.02	< 2.02	< 2.05	< 2.07
6:2 FTS	ng/l	< 2.03	< 2.12	< 1.97	4.9	< 2.02	< 2.02	< 2.05	< 2.07
8:2 FTS	ng/l	< 2.03	< 2.12	< 1.97	< 2.10	< 2.02	< 2.02	< 2.05	< 2.07
NEtFOSAA	ng/l	< 2.03	3.5 J	5.9	7.6	1.5 J	8.2	3.8 J	< 2.07
NMeFOSAA	ng/l	< 2.03	< 2.12	< 1.97	< 2.10	< 2.02	< 2.02	< 2.05	< 2.07
Total PFAS	ng/l	462.6	201.8	462.7	1,981.4	536.1	279.6	254.6	2,585.8

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		DEQ-RR-MW006							
Well Screen Interval (bgs)		11 - 16 ft							
Sample		GW1910091040GSC	GW2001231110MK	GW2004141240GSC	GW2007151210GSC				
Sample Date		10/9/2019	1/23/2020	4/14/2020	7/15/2020				
Lab Report		1903623	2000166	2000899	2001522				
Compound	Unit	Result	Result	Result	Result				
PFBA	ng/l	3.4 J	2.2 J	< 2.06	< 2.07				
PFPeA	ng/l	3.4 J	2.7 J	< 2.06	< 2.07				
PFHxA	ng/l	3.1 J	2.5 J	< 2.06	< 2.07				
PFHpA	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
PFOA	ng/l	1.6 J	1.4 J	< 2.06	< 2.07				
PFNA	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
PFDA	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
PFUnDA	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
PFDoDA	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
PFTTrDA	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
PFTeDA	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
11CI-PF3OUdS	ng/l	---	< 2.00	< 2.06	< 2.07	Oct 2020	Jan 2021	Apr 2021	Jul 2021
9CI-PF3ONS	ng/l	---	< 2.00	< 2.06	< 2.07				
ADONA	ng/l	---	< 2.00	< 2.06	< 2.07				
HFPO-DA	ng/l	---	< 3.00	< 3.09	< 3.11				
PFDS	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
PFBS	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
PFPeS	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
PFHxS	ng/l	1.8 J	2.0 J	< 2.06	1.8 J				
PFHpS	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
PFOS	ng/l	6.0	8.7	3.4 J	< 2.07				
PFNS	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
FOSA	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
4:2 FTS	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
6:2 FTS	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
8:2 FTS	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
NEtFOSAA	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
NMeFOSAA	ng/l	< 2.05	< 2.00	< 2.06	< 2.07				
Total PFAS	ng/l	19.3	19.6	3.4	1.8				

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		DEQ-RR-MW007										
Well Screen Interval (bgs)		10 - 15 ft										
Sample		GW1910081655GSC	GW2001231000MK	GW2004141420GSC	GW2007151005GSC	Oct 2020	GW2101261635GSC	GW2104071140KEM	GW2107210850MLH			
Sample Date		10/8/2019	1/23/2020	4/14/2020	7/15/2020		1/26/2021	4/7/2021	7/21/2021			
Lab Report		1903623	2000166	2000899	2001522		2102039	2104108	2107214			
Compound	Unit	Result	Result	Result	Result		Result	Result	Result			
PFBA	ng/l	<b>1.7 J</b>	<b>2.5 J</b>	< 1.95	< 2.01			<b>1.1 J</b>	< 1.96	< 1.98		
PFPeA	ng/l	< 2.12	< 2.11	< 1.95	< 2.01			< 2.03	<b>1.2 J</b>	< 1.98		
PFHxA	ng/l	< 2.12	< 2.11	< 1.95	< 2.01			< 2.03	< 1.96	< 1.98		
PFHpA	ng/l	< 2.12	< 2.11	<b>1.8 J</b>	< 2.01			< 2.03	<b>1.7 J, Q</b>	< 1.98		
PFOA	ng/l	<b>5.7</b>	<b>6.7</b>	<b>6.7</b>	<b>4.2</b>			<b>8.2</b>	<b>13.0</b>	<b>4.6</b>		
PFNA	ng/l	< 2.12	< 2.11	< 1.95	< 2.01			< 2.03	< 1.96	< 1.98		
PFDA	ng/l	< 2.12	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
PFUnDA	ng/l	< 2.12	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
PFDoDA	ng/l	< 2.12	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
PFTTrDA	ng/l	< 2.12	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
PFTeDA	ng/l	< 2.12	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
11CI-PF3OUdS	ng/l	---	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
9CI-PF3ONS	ng/l	---	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
ADONA	ng/l	---	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
HFPO-DA	ng/l	---	< 3.16	< 2.93	< 3.01		< 2.03	< 1.96	< 1.98			
PFDS	ng/l	< 2.12	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
PFBS	ng/l	< 2.12	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
PFPeS	ng/l	< 2.12	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
PFHxS	ng/l	<b>1.6 J</b>	<b>3.4 J</b>	<b>3.4 J</b>	<b>1.9 J</b>		<b>3.6 J</b>	<b>5.4</b>	<b>2.2 J</b>			
PFHpS	ng/l	< 2.12	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
PFOS	ng/l	<b>41.4</b>	<b>35.9</b>	<b>57.9</b>	<b>39.7</b>		<b>31.7</b>	<b>42.1</b>	<b>30.6</b>			
PFNS	ng/l	< 2.12	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
FOSA	ng/l	< 2.12	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	<b>1.8 J, Q</b>			
4:2 FTS	ng/l	< 2.12	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
6:2 FTS	ng/l	< 2.12	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
8:2 FTS	ng/l	< 2.12	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
NEtFOSAA	ng/l	< 2.12	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
NMeFOSAA	ng/l	< 2.12	< 2.11	< 1.95	< 2.01		< 2.03	< 1.96	< 1.98			
Total PFAS	ng/l	<b>50.4</b>	<b>48.4</b>	<b>69.8</b>	<b>45.8</b>		<b>44.5</b>	<b>63.4</b>	<b>39.2</b>			

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		DEQ-RR-MW008							
Well Screen Interval (bgs)		8 - 13 ft							
Sample		GW1910081610GSC	GW2001231455RAP	GW2004141505GSC	GW2007151055GSC				
Sample Date		10/8/2019	1/23/2020	4/14/2020	7/15/2020				
Lab Report		1903623	2000166	2000899	2001522				
Compound	Unit	Result	Result	Result	Result				
PFBA	ng/l	9.5	3.3 J	4.2	3.4 J				
PFPeA	ng/l	41.1	16.1	12.1	10.1				
PFHxA	ng/l	23.3	10.6	12.5	11.1				
PFHpA	ng/l	4.9	2.0 J, Q	3.6 J	< 2.04				
PFOA	ng/l	16.8	16.0	13.9	10.1				
PFNA	ng/l	< 2.16	< 2.05	< 1.98	< 2.04				
PFDA	ng/l	< 2.16	< 2.05	< 1.98	< 2.04				
PFUnDA	ng/l	< 2.16	< 2.05	< 1.98	< 2.04				
PFDoDA	ng/l	< 2.16	< 2.05	< 1.98	< 2.04				
PFTTrDA	ng/l	< 2.16	< 2.05	< 1.98	< 2.04				
PFTeDA	ng/l	< 2.16	< 2.05	< 1.98	< 2.04				
11CI-PF3OUdS	ng/l	---	< 2.05	< 1.98	< 2.04	Oct 2020	Jan 2021	Apr 2021	Jul 2021
9CI-PF3ONS	ng/l	---	< 2.05	< 1.98	< 2.04				
ADONA	ng/l	---	< 2.05	< 1.98	< 2.04				
HFPO-DA	ng/l	---	< 3.07	< 2.96	< 3.06				
PFDS	ng/l	< 2.16	< 2.05	< 1.98	< 2.04				
PFBS	ng/l	14.0	22.9	51.6	10.5				
PFPeS	ng/l	< 2.16	< 2.05	< 1.98	< 2.04				
PFHxS	ng/l	6.0	4.9	5.3	3.3 J				
PFHpS	ng/l	< 2.16	< 2.05	< 1.98	< 2.04				
PFOS	ng/l	11.6	16.0	8.6	11.7				
PFNS	ng/l	< 2.16	< 2.05	< 1.98	< 2.04				
FOSA	ng/l	< 2.16	< 2.05	< 1.98	< 2.04				
4:2 FTS	ng/l	< 2.16	< 2.05	< 1.98	< 2.04				
6:2 FTS	ng/l	< 2.16	< 2.05	< 1.98	< 2.04				
8:2 FTS	ng/l	< 2.16	< 2.05	< 1.98	< 2.04				
NEtFOSAA	ng/l	< 2.16	< 2.05	< 1.98	< 2.04				
NMeFOSAA	ng/l	< 2.16	< 2.05	< 1.98	< 2.04				
Total PFAS	ng/l	127.2	91.9	111.8	60.2				

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW001							
Well Screen Interval (bgs)		3 - 8 ft							
Sample		Oct 2019	Jan 2020	Apr 2020	Jul 2020	GW2010281655RL	GW2101261525SK	GW2104061535RLF	GW2107210810RLF
Sample Date						10/28/2020	1/26/2021	4/6/2021	7/21/2021
Lab Report						2002372	2102039	2104109	2107214
Compound	Unit					Result	Result	Result	Result
PFBA	ng/l					<b>7.5</b>	<b>4.0 J</b>	<b>3.0 J</b>	<b>2.9 J</b>
PFPeA	ng/l					<b>6.4</b>	< 2.03	< 1.97	< 2.07
PFHxA	ng/l					<b>6.4</b>	<b>1.7 J</b>	< 1.97	< 2.07
PFHpA	ng/l					<b>7.1</b>	<b>1.7 J</b>	< 1.97	<b>1.1 J</b>
PFOA	ng/l					<b>8.4</b>	<b>4.3</b>	<b>1.6 J</b>	<b>2.8 J</b>
PFNA	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
PFDA	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
PFUnDA	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
PFDoDA	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
PFTTrDA	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
PFTeDA	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
11CI-PF3OUdS	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
9CI-PF3ONS	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
ADONA	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
HFPO-DA	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
PFDS	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
PFBS	ng/l					<b>4.0 J</b>	<b>3.0 J</b>	<b>4.6</b>	<b>4.4</b>
PFPeS	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
PFHxS	ng/l					<b>2.9 J</b>	< 2.03	< 1.97	< 2.07
PFHpS	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
PFOS	ng/l					<b>5.2</b>	<b>2.3 J</b>	< 1.97	<b>1.4 J</b>
PFNS	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
FOSA	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
4:2 FTS	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
6:2 FTS	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
8:2 FTS	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
NEtFOSAA	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
NMeFOSAA	ng/l					< 2.02	< 2.03	< 1.97	< 2.07
Total PFAS	ng/l					<b>48.0</b>	<b>17.0</b>	<b>9.2</b>	<b>12.6</b>

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW002									
Well Screen Interval (bgs)		2 - 7 ft									
Sample		GW2010281745RL									
Sample Date		10/28/2020									
Lab Report		2002372									
Compound	Unit	Result									
PFBA	ng/l										
PFPeA	ng/l										
PFHxA	ng/l										
PFHpA	ng/l										
PFOA	ng/l										
PFNA	ng/l										
PFDA	ng/l										
PFUnDA	ng/l										
PFDoDA	ng/l										
PFTTrDA	ng/l										
PFTeDA	ng/l										
11CI-PF3OUdS	ng/l										
9CI-PF3ONS	ng/l										
ADONA	ng/l										
HFPO-DA	ng/l										
PFDS	ng/l										
PFBS	ng/l										
PFPeS	ng/l										
PFHxS	ng/l										
PFHpS	ng/l										
PFOS	ng/l										
PFNS	ng/l										
FOSA	ng/l										
4:2 FTS	ng/l										
6:2 FTS	ng/l										
8:2 FTS	ng/l										
NEtFOSAA	ng/l										
NMeFOSAA	ng/l										
Total PFAS	ng/l										
		<b>Oct</b>	<b>Jan</b>	<b>Apr</b>	<b>Jul</b>				<b>Jan</b>	<b>Apr</b>	<b>Jul</b>
		<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2020</b>				<b>2021</b>	<b>2021</b>	<b>2021</b>

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groundwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW003						
Well Screen Interval (bgs)		2 - 7 ft						
Sample		GW191009143ORAP	GW2001221710MK	GW2004151325GSC	GW2007151830RL	GW2101261615SK	GW2104061650RLF	GW2107210710RLF
Sample Date		10/9/2019	1/22/2020	4/15/2020	7/15/2020	1/26/2021	4/6/2021	7/21/2021
Lab Report		1903624	2000166	2000899	2001522	2102039	2104109	2107214
Compound	Unit	Result	Result	Result	Result	Result	Result	Result
PFBA	ng/l	9.0	3.0 J	6.3	10.0	2.3 J	2.8 J	2.9 J
PFPeA	ng/l	7.2	2.0 J	5.8	13.5	1.2 J	2.3 J	2.4 J
PFHxA	ng/l	8.7	2.9 J	5.7 Q	15.5	1.4 J	1.7 J	3.3 J, Q
PFHpA	ng/l	2.9 J, Q	< 2.02	1.4 J, Q	3.6 J	< 2.05	< 1.99	< 2.02
PFOA	ng/l	8.7	3.5 J	3.5 J	7.4	2.2 J	1.2 J	1.7 J
PFNA	ng/l	1.6 J	< 2.02	< 2.00	1.9 J	< 2.05	< 1.99	< 2.02
PFDA	ng/l	< 2.07	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
PFUnDA	ng/l	< 2.07	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
PFDoDA	ng/l	< 2.07	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
PFTTrDA	ng/l	< 2.07	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
PFTeDA	ng/l	< 2.07	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
11CI-PF3OUdS	ng/l	---	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
9CI-PF3ONS	ng/l	---	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
ADONA	ng/l	---	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
HFPO-DA	ng/l	---	< 3.02	< 3.00	< 2.99	< 2.05	< 1.99	< 2.02
PFDS	ng/l	< 2.07	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
PFBS	ng/l	3.1 J	< 2.02	2.5 J	3.8 J	< 2.05	< 1.99	< 2.02
PFPeS	ng/l	< 2.07	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
PFHxS	ng/l	4.6	1.5 J	1.7 J	5.2	1.6 J	< 1.99	< 2.02
PFHpS	ng/l	< 2.07	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
PFOS	ng/l	3.8 J	3.8 J	2.3 J	7.6	2.4 J	< 1.99	1.8 J
PFNS	ng/l	< 2.07	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
FOSA	ng/l	< 2.07	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
4:2 FTS	ng/l	< 2.07	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
6:2 FTS	ng/l	< 2.07	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
8:2 FTS	ng/l	< 2.07	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
NEtFOSAA	ng/l	< 2.07	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
NMeFOSAA	ng/l	< 2.07	< 2.02	< 2.00	< 1.99	< 2.05	< 1.99	< 2.02
Total PFAS	ng/l	49.4	16.7	29.0	68.4	11.0	8.0	12.1

Oct  
2020

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location Well Screen Interval (bgs)	RI-MW004 5 - 10 ft				RI-MW005 7 - 12 ft							
	GW2007151735RL 7/15/2020								GW2101290930KEM 1/29/2021		GW2104071625RLF 4/7/2021	
Sample Date	2001522								2102040		2104109	
Lab Report	Result								Result		Result	
Compound	Unit											
PFBA	ng/l								< 2.11		<b>47.0</b>	
PFPeA	ng/l								< 2.11		<b>2.7 J</b>	
PFHxA	ng/l								< 2.11		<b>5.1</b>	
PFHpA	ng/l								< 2.11		<b>1.4 J</b>	
PFOA	ng/l								< 2.11		<b>4.7</b>	
PFNA	ng/l								< 2.11		< 2.00	
PFDA	ng/l								< 2.11		< 2.00	
PFUnDA	ng/l								< 2.11		< 2.00	
PFDoDA	ng/l								< 2.11		< 2.00	
PFTTrDA	ng/l								< 2.11		< 2.00	
PFTeDA	ng/l								< 2.11		< 2.00	
11CI-PF3OUdS	ng/l								< 2.11		< 2.00	
9CI-PF3ONS	ng/l								< 2.11		< 2.00	
ADONA	ng/l								< 2.11		< 2.00	
HFPO-DA	ng/l								< 2.11		< 2.00	
PFDS	ng/l								< 2.11		< 2.00	
PFBS	ng/l								< 2.11		<b>1.2 J</b>	
PFPeS	ng/l								< 2.11		< 2.00	
PFHxS	ng/l								<b>6.0</b>		<b>16.7</b>	
PFHpS	ng/l								< 2.11		< 2.00	
PFOS	ng/l								< 2.11		< 2.00	
PFNS	ng/l								< 2.11		< 2.00	
FOSA	ng/l								< 2.11		< 2.00	
4:2 FTS	ng/l								< 2.11		< 2.00	
6:2 FTS	ng/l								< 2.11		< 2.00	
8:2 FTS	ng/l								< 2.11		< 2.00	
NEtFOSAA	ng/l								< 2.11		< 2.00	
NMeFOSAA	ng/l								< 2.11		< 2.00	
Total PFAS	ng/l								<b>6.0</b>		<b>78.7</b>	

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled



**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW007							
Well Screen Interval (bgs)		19 - 20 ft							
Sample		Oct 2019	Jan 2020	Apr 2020	Jul 2020	Oct 2020	GW2101271635SK	GW2104071725RLF	GW2104071725RLF
Sample Date							1/27/2021	4/7/2021	4/7/2021
Lab Report							2102039	2104108	2104108
Compound	Unit					Result	Result	Result	
PFBA	ng/l						< 1.98	< 2.03	< 2.03
PFPeA	ng/l						< 1.98	< 2.03	< 2.03
PFHxA	ng/l						< 1.98	< 2.03	< 2.03
PFHpA	ng/l						< 1.98	< 2.03	< 2.03
PFOA	ng/l						< 1.98	< 2.03	< 2.03
PFNA	ng/l						< 1.98	< 2.03	< 2.03
PFDA	ng/l						< 1.98	< 2.03	< 2.03
PFUnDA	ng/l						< 1.98	< 2.03	< 2.03
PFDoDA	ng/l						< 1.98	< 2.03	< 2.03
PFTTrDA	ng/l						< 1.98	< 2.03	< 2.03
PFTeDA	ng/l						< 1.98	< 2.03	< 2.03
11CI-PF3OUdS	ng/l						< 1.98	< 2.03	< 2.03
9CI-PF3ONS	ng/l						< 1.98	< 2.03	< 2.03
ADONA	ng/l						< 1.98	< 2.03	< 2.03
HFPO-DA	ng/l						< 1.98	< 2.03	< 2.03
PFDS	ng/l						< 1.98	< 2.03	< 2.03
PFBS	ng/l						< 1.98	< 2.03	< 2.03
PFPeS	ng/l						< 1.98	< 2.03	< 2.03
PFHxS	ng/l						< 1.98	< 2.03	< 2.03
PFHpS	ng/l						< 1.98	< 2.03	< 2.03
PFOS	ng/l						< 1.98	< 2.03	< 2.03
PFNS	ng/l						< 1.98	< 2.03	< 2.03
FOSA	ng/l						< 1.98	< 2.03	< 2.03
4:2 FTS	ng/l						< 1.98	< 2.03	< 2.03
6:2 FTS	ng/l						< 1.98	< 2.03	< 2.03
8:2 FTS	ng/l						< 1.98	< 2.03	< 2.03
NEtFOSAA	ng/l						< 1.98	< 2.03	< 2.03
NMeFOSAA	ng/l						< 1.98	< 2.03	< 2.03
Total PFAS	ng/l						ND	ND	ND

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201  
criteria: 6 ng/L PFNA, 8 ng/L PFOA,  
16 ng/L PFOS, 51 ng/L PFHxS,  
370 ng/L HFPO-DA, 420 ng/L PFBS,  
or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW007							Jan 2021	Apr 2021	GW2107210940RLF 7/21/2021
Well Screen Interval (bgs)		39 - 40 ft									
Sample	Sample Date	GW1910090935RAP	W1910090935RAP-F	GW2001221255MK	GW2001221255MK-FD	GW2004151110GSC	GW2007160910RL	GW2010281335RL			
Lab Report	Lab Report	1903624	1903624	2000165	2000165	2000899	2001523	2002372			
Compound	Unit	Result	Result	Result	Result	Result	Result	Result	Result		
PFBA	ng/l	< 2.13	< 2.02	<b>2.6 J</b>	<b>2.7 J</b>	<b>2.3 J</b>	<b>1.8 J</b>	<b>1.9 J</b>	<b>1.9 J</b>		
PFPeA	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
PFHxA	ng/l	< 2.13	< 2.02	<b>1.8 J</b>	< 2.07	<b>1.5 J, Q</b>	< 2.00	<b>1.8 J, Q</b>	<b>1.5 J, Q</b>		
PFHpA	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
PFOA	ng/l	< 2.13	< 2.02	<b>1.9 J</b>	<b>1.7 J</b>	<b>1.7 J</b>	< 2.00	<b>1.4 J</b>	<b>1.7 J</b>		
PFNA	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
PFDA	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
PFUnDA	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
PFDoDA	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
PFTTrDA	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
PFTeDA	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
11CI-PF3OUdS	ng/l	---	---	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
9CI-PF3ONS	ng/l	---	---	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
ADONA	ng/l	---	---	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
HFPO-DA	ng/l	---	---	< 3.13	< 3.11	< 2.99	< 3.00	< 2.00	< 2.06		
PFDS	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
PFBS	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
PFPeS	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
PFHxS	ng/l	<b>3.7 J</b>	<b>3.0 J</b>	<b>5.8</b>	<b>5.6</b>	<b>4.5</b>	<b>3.3 J</b>	<b>3.4 J</b>	<b>2.1 J</b>		
PFHpS	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
PFOS	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
PFNS	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
FOSA	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
4:2 FTS	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
6:2 FTS	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
8:2 FTS	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
NEtFOSAA	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
NMeFOSAA	ng/l	< 2.13	< 2.02	< 2.08	< 2.07	< 1.99	< 2.00	< 2.00	< 2.06		
Total PFAS	ng/l	<b>3.7</b>	<b>3.0</b>	<b>12.1</b>	<b>10.1</b>	<b>10.0</b>	<b>5.1</b>	<b>8.5</b>	<b>7.3</b>		

Footnotes:

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201  
criteria: 6 ng/L PFNA, 8 ng/L PFOA,  
16 ng/L PFOS, 51 ng/L PFHxS,  
370 ng/L HFPO-DA, 420 ng/L PFBS,  
or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW008							
Well Screen Interval (bgs)		18 - 19 ft							
Sample		Oct 2019	Jan 2020	Apr 2020	Jul 2020	GW2010281430RL	GW2101261715SK	GW2104061745RLF	GW2107211215RLF
Sample Date						10/28/2020	1/26/2021	4/6/2021	7/21/2021
Lab Report						2002372	2102039	2104109	2107214
Compound	Unit					Result	Result	Result	Result
PFBA	ng/l					<b>1.5 J</b>	<b>1.4 J</b>	<b>1.3 J</b>	<b>1.7 J</b>
PFPeA	ng/l					<b>1.1 J</b>	<b>1.4 J</b>	<b>1.2 J</b>	<b>1.2 J</b>
PFHxA	ng/l					<b>1.8 J</b>	<b>1.5 J, Q</b>	< 1.97	<b>1.6 J</b>
PFHpA	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
PFOA	ng/l					<b>3.5 J</b>	<b>2.9 J</b>	<b>2.7 J</b>	<b>3.0 J</b>
PFNA	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
PFDA	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
PFUnDA	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
PFDoDA	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
PFTTrDA	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
PFTeDA	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
11CI-PF3OUdS	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
9CI-PF3ONS	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
ADONA	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
HFPO-DA	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
PFDS	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
PFBS	ng/l					< 2.04	<b>1.2 J, Q</b>	< 1.97	<b>1.7 J, Q</b>
PFPeS	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
PFHxS	ng/l					<b>3.8 J</b>	<b>3.7 J</b>	<b>2.3 J</b>	< 1.96
PFHpS	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
PFOS	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
PFNS	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
FOSA	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
4:2 FTS	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
6:2 FTS	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
8:2 FTS	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
NEtFOSAA	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
NMeFOSAA	ng/l					< 2.04	< 2.00	< 1.97	< 1.96
Total PFAS	ng/l					<b>11.7</b>	<b>12.0</b>	<b>7.4</b>	<b>9.3</b>

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW008				
Well Screen Interval (bgs)		27.5 - 28.5 ft				
Sample		GW1910091525RAP	GW2001221500RAP	GW2004151005GSC	GW2007160945RL	GW2107211300RLF
Sample Date		10/9/2019	1/22/2020	4/15/2020	7/16/2020	7/21/2021
Lab Report		1903624	2000165	2000899	2001523	2107214
Compound	Unit	Result	Result	Result	Result	Result
PFBA	ng/l	2.0 J	3.7 J	1.6 J	1.9 J	< 2.04
PFPeA	ng/l	2.7 J	5.3	4.6	4.4	3.2 J
PFHxA	ng/l	4.1	10.2	8.9	6.9	6.3
PFHpA	ng/l	1.5 J, Q	4.5 Q	4.5	4.2	4.1 J
PFOA	ng/l	3.1 J	6.1	4.0	4.0 J	2.7 J
PFNA	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
PFDA	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
PFUnDA	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
PFDoDA	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
PFTTrDA	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
PFTeDA	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
11CI-PF3OUdS	ng/l	---	< 1.98	< 1.96	< 2.03	< 2.04
9CI-PF3ONS	ng/l	---	< 1.98	< 1.96	< 2.03	< 2.04
ADONA	ng/l	---	< 1.98	< 1.96	< 2.03	< 2.04
HFPO-DA	ng/l	---	< 2.98	< 2.94	< 3.05	< 2.04
PFDS	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
PFBS	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
PFPeS	ng/l	< 2.02	1.6 J, Q	1.5 J, Q	< 2.03	< 2.04
PFHxS	ng/l	4.2	7.9	7.0	7.6	6.3
PFHpS	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
PFOS	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
PFNS	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
FOSA	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
4:2 FTS	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
6:2 FTS	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
8:2 FTS	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
NEtFOSAA	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
NMeFOSAA	ng/l	< 2.02	< 1.98	< 1.96	< 2.03	< 2.04
Total PFAS	ng/l	17.6	39.2	32.2	28.9	22.6

Oct 2020    Jan 2021    Apr 2021

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW009				
Well Screen Interval (bgs)		32 - 33 ft				
Sample		GW2101270830SK		GW2104061910RLF		
Sample Date		1/27/2021		4/6/2021		
Lab Report		2102039		2104109		
Compound	Unit	Result		Result		
PFBA	ng/l			<b>3.3 J</b>	<b>3.7 J</b>	
PFPeA	ng/l			<b>3.1 J</b>	<b>2.9 J</b>	
PFHxA	ng/l			<b>3.5 J</b>	<b>4.5</b>	
PFHpA	ng/l			< 2.05	<b>1.1 J, Q</b>	
PFOA	ng/l			<b>1.6 J</b>	<b>1.2 J</b>	
PFNA	ng/l			< 2.05	< 2.06	
PFDA	ng/l			< 2.05	< 2.06	
PFUnDA	ng/l			< 2.05	< 2.06	
PFDoDA	ng/l			< 2.05	< 2.06	
PFTTrDA	ng/l			< 2.05	< 2.06	
PFTeDA	ng/l			< 2.05	< 2.06	
11CI-PF3OUdS	ng/l			< 2.05	< 2.06	
9CI-PF3ONS	ng/l			< 2.05	< 2.06	
ADONA	ng/l			< 2.05	< 2.06	
HFPO-DA	ng/l			< 2.05	< 2.06	
PFDS	ng/l			< 2.05	< 2.06	
PFBS	ng/l			<b>3.6 J</b>	<b>4.4 Q</b>	
PFPeS	ng/l			<b>1.7 J, Q</b>	< 2.06	
PFHxS	ng/l			<b>8.8</b>	<b>9.3</b>	
PFHpS	ng/l			< 2.05	< 2.06	
PFOS	ng/l			< 2.05	< 2.06	
PFNS	ng/l			< 2.05	< 2.06	
FOSA	ng/l			< 2.05	< 2.06	
4:2 FTS	ng/l			< 2.05	< 2.06	
6:2 FTS	ng/l			< 2.05	< 2.06	
8:2 FTS	ng/l			< 2.05	< 2.06	
NEtFOSAA	ng/l			< 2.05	< 2.06	
NMeFOSAA	ng/l			< 2.05	< 2.06	
Total PFAS	ng/l			<b>25.6</b>	<b>27.0</b>	

Oct 2019
Jan 2020
Apr 2020
Jul 2020
Oct 2020
Jul 2021

- Footnotes:**
1. bgs - Below ground surface
  2. ft = feet
  3. ND - Result below detection limit
  4. ng/l - Nanograms per liter
  5. < 2.05 - Result below detection limit
  6. --- = Analyte not included in analysis.
  6. **BOLD** - Analyte above detection
  7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
  8. **GRAY** = Not Sampled

**GSU Quarterly Groundwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW024									
Well Screen Interval (bgs)		17 - 18 ft									
Sample		GW1910100900GSC	GW1910100900GSC-FD	Jan 2020	GW2004141605GSC	GW2007151400GSC	GW2007151400GSC-FD	Oct 2020	Jan 2021	Apr 2021	Jul 2021
Sample Date		10/10/2019	10/10/2019		4/14/2020	7/15/2020	7/15/2020				
Lab Report		1903624	1903624		2000899	2001522	2001522				
Compound	Unit	Result	Result		Result	Result	Result				
PFBA	ng/l	< 2.07	< 2.02		<b>3.6 J</b>	< 1.97	< 2.04				
PFPeA	ng/l	< 2.07	< 2.02		<b>1.7 J</b>	< 1.97	< 2.04				
PFHxA	ng/l	< 2.07	< 2.02		<b>2.6 J, Q</b>	< 1.97	< 2.04				
PFHpA	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
PFOA	ng/l	<b>2.3 J</b>	<b>2.5 J</b>		<b>4.0 J</b>	<b>1.6 J</b>	< 2.04				
PFNA	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
PFDA	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
PFUnDA	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
PFDoDA	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
PFTTrDA	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
PFTeDA	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
11CI-PF3OUdS	ng/l	---	---		< 1.99	< 1.97	< 2.04				
9CI-PF3ONS	ng/l	---	---		< 1.99	< 1.97	< 2.04				
ADONA	ng/l	---	---		< 1.99	< 1.97	< 2.04				
HFPO-DA	ng/l	---	---		< 2.99	< 2.95	< 3.06				
PFDS	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
PFBS	ng/l	<b>8.1</b>	<b>7.9</b>		<b>15.3</b>	<b>5.5</b>	<b>4.5</b>				
PFPeS	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
PFHxS	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
PFHpS	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
PFOS	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
PFNS	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
FOSA	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
4:2 FTS	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
6:2 FTS	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
8:2 FTS	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
NEtFOSAA	ng/l	< 2.07	< 2.02		< 1.98	< 1.97	< 2.04				
NMeFOSAA	ng/l	< 2.07	< 2.02		< 1.99	< 1.97	< 2.04				
Total PFAS	ng/l	<b>10.4</b>	<b>10.4</b>		<b>27.0</b>	<b>7.1</b>	<b>4.5</b>				

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201  
criteria: 6 ng/L PFNA, 8 ng/L PFOA,  
16 ng/L PFOS, 51 ng/L PFHxS,  
370 ng/L HFPO-DA, 420 ng/L PFBS,  
or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW024			RI-MW025												
Well Screen Interval (bgs)		26 - 27 ft			5.5 - 10.5 ft												
Sample		GW1910100945GSC	GW2001231215RAP	GW2004141640GSC	GW2007151315GSC												
Sample Date		10/10/2019	1/23/2020	4/14/2020	7/15/2020												
Lab Report		1903624	2000166	2000899	2001522												
Compound	Unit	Result	Result	Result	Result												
PFBA	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
PFPeA	ng/l	<b>2.0 J</b>	< 1.96	<b>2.4 J</b>	< 2.07												
PFHxA	ng/l	<b>3.9 J</b>	<b>2.3 J, Q</b>	<b>3.6 J</b>	< 2.07												
PFHpA	ng/l	<b>2.0 J, Q</b>	< 1.96	< 1.99	< 2.07												
PFOA	ng/l	<b>1.7 J</b>	<b>2.8 J</b>	<b>3.1 J</b>	<b>1.8 J</b>												
PFNA	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
PFDA	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
PFUnDA	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
PFDoDA	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
PFTTrDA	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
PFTeDA	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
11CI-PF3OUdS	ng/l	---	< 1.96	< 1.99	Jan 2020	Oct 2020	Jan 2021	Apr 2021	Jul 2021	Oct 2019	Jul 2020	Apr 2020	< 2.07	Oct 2020	Jan 2021	Apr 2021	Jul 2021
9CI-PF3ONS	ng/l	---	< 1.96	< 1.99	< 2.07												
ADONA	ng/l	---	< 1.96	< 1.99	< 2.07												
HFPO-DA	ng/l	---	< 2.94	< 2.99	< 3.11												
PFDS	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
PFBS	ng/l	<b>4.0 J</b>	<b>2.7 J</b>	<b>3.7 J, Q</b>	< 2.07												
PFPeS	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
PFHxS	ng/l	<b>7.1</b>	<b>1.5 J</b>	<b>1.7 J</b>	< 2.07												
PFHpS	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
PFOS	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
PFNS	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
FOSA	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
4:2 FTS	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
6:2 FTS	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
8:2 FTS	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
NEtFOSAA	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
NMeFOSAA	ng/l	< 2.02	< 1.96	< 1.99	< 2.07												
Total PFAS	ng/l	<b>20.6</b>	<b>9.3</b>	<b>14.5</b>	<b>5.4</b>												

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW026						
Well Screen Interval (bgs)		16 - 21 ft						
Sample		<b>GW2010281555CM</b>						
Sample Date		<b>10/28/2020</b>						
Lab Report		<b>2002372</b>						
Compound	Unit	<b>Result</b>						
PFBA	ng/l							
PFPeA	ng/l							
PFHxA	ng/l							
PFHpA	ng/l							
PFOA	ng/l							
PFNA	ng/l							
PFDA	ng/l							
PFUnDA	ng/l							
PFDoDA	ng/l							
PFTTrDA	ng/l							
PFTeDA	ng/l							
11CI-PF3OUdS	ng/l							
9CI-PF3ONS	ng/l							
ADONA	ng/l							
HFPO-DA	ng/l							
PFDS	ng/l							
PFBS	ng/l							
PFPeS	ng/l							
PFHxS	ng/l							
PFHpS	ng/l							
PFOS	ng/l							
PFNS	ng/l							
FOSA	ng/l							
4:2 FTS	ng/l							
6:2 FTS	ng/l							
8:2 FTS	ng/l							
NEtFOSAA	ng/l							
NMeFOSAA	ng/l							
Total PFAS	ng/l							

Oct 2019	Jan 2020	Apr 2020	Jul 2020	Jan 2021	Apr 2021	Jul 2021
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**Footnotes:**

- bgs - Below ground surface
- ft = feet
- ND - Result below detection limit
- ng/l - Nanograms per liter
- < 2.05 - Result below detection limit
- = Analyte not included in analysis.
- BOLD** - Analyte above detection
- Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
- GRAY** = Not Sampled



**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW026						
Well Screen Interval (bgs)		32 - 33 ft						
Sample Date		GW2001231320RAP	GW2007151440GSC	GW2010281445CM	GW2101270830GSC	GW2101270830GSC-FD	GW2104061910KEM	GW2107211500MLH
Lab Report		1/23/2020	7/15/2020	10/28/2020	1/27/2021	1/27/2021	4/6/2021	7/21/2021
Compound		2000166	2001522	2002372	2102039	2102039	2104108	2107214
Unit		Result	Result	Result	Result	Result	Result	Result
PFBA	ng/l	<b>1.9 J</b>	< 2.10	<b>2.2 J</b>	< 1.98	< 2.02	< 2.02	<b>1.1 J</b>
PFPeA	ng/l	<b>5.0</b>	<b>2.5 J</b>	<b>5.6</b>	< 1.98	< 2.02	<b>2.1 J</b>	<b>2.9 J</b>
PFHxA	ng/l	<b>5.3</b>	<b>2.9 J</b>	<b>5.7</b>	< 1.98	< 2.02	<b>1.8 J</b>	<b>2.3 J</b>
PFHpA	ng/l	<b>5.4</b>	<b>3.4 J</b>	<b>2.8 J</b>	< 1.98	< 2.02	<b>2.1 J</b>	<b>1.6 J</b>
PFOA	ng/l	<b>16.8</b>	<b>12.9</b>	<b>11.0</b>	< 1.98	< 2.02	<b>9.3</b>	<b>6.9</b>
PFNA	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
PFDA	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
PFUnDA	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
PFDoDA	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
PFTTrDA	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
PFTeDA	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
11CI-PF3OUdS	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
9CI-PF3ONS	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
ADONA	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
HFPO-DA	ng/l	< 2.99	< 3.15	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
PFDS	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
PFBS	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
PFPeS	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
PFHxS	ng/l	<b>6.6</b>	<b>4.2 J</b>	<b>4.5</b>	< 1.98	< 2.02	<b>3.1 J</b>	<b>2.5 J</b>
PFHpS	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
PFOS	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
PFNS	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
FOSA	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
4:2 FTS	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
6:2 FTS	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
8:2 FTS	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
NEtFOSAA	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
NMeFOSAA	ng/l	< 1.99	< 2.10	< 2.04	< 1.98	< 2.02	< 2.02	< 1.98
Total PFAS	ng/l	<b>41.0</b>	<b>25.9</b>	<b>31.8</b>	<b>ND</b>	<b>ND</b>	<b>18.3</b>	<b>17.3</b>

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW026							
Well Screen Interval (bgs)		45 - 46 ft							
Sample		Oct 2019	Jan 2020	Apr 2020	Jul 2020	Oct 2020	GW2101270925GSC	GW2104062000KEM	GW2107211555MLH
Sample Date							1/27/2021	4/6/2021	7/21/2021
Lab Report							2102039	2104108	2107214
Compound	Unit					Result	Result	Result	
PFBA	ng/l						2.2 J	< 2.13	< 2.06
PFPeA	ng/l						4.0 J	< 2.13	< 2.06
PFHxA	ng/l						3.4 J	< 2.13	< 2.06
PFHpA	ng/l						3.4 J, Q	< 2.13	< 2.06
PFOA	ng/l						9.7	< 2.13	< 2.06
PFNA	ng/l						< 2.06	< 2.13	< 2.06
PFDA	ng/l						< 2.06	< 2.13	< 2.06
PFUnDA	ng/l						< 2.06	< 2.13	< 2.06
PFDoDA	ng/l						< 2.06	< 2.13	< 2.06
PFTTrDA	ng/l						< 2.06	< 2.13	< 2.06
PFTeDA	ng/l						< 2.06	< 2.13	< 2.06
11CI-PF3OUdS	ng/l						< 2.06	< 2.13	< 2.06
9CI-PF3ONS	ng/l						< 2.06	< 2.13	< 2.06
ADONA	ng/l						< 2.06	< 2.13	< 2.06
HFPO-DA	ng/l						< 2.06	< 2.13	< 2.06
PFDS	ng/l						< 2.06	< 2.13	< 2.06
PFBS	ng/l						< 2.06	< 2.13	< 2.06
PFPeS	ng/l						< 2.06	< 2.13	< 2.06
PFHxS	ng/l						3.3 J	< 2.13	< 2.06
PFHpS	ng/l						< 2.06	< 2.13	< 2.06
PFOS	ng/l						< 2.06	< 2.13	< 2.06
PFNS	ng/l						< 2.06	< 2.13	< 2.06
FOSA	ng/l						< 2.06	< 2.13	< 2.06
4:2 FTS	ng/l						< 2.06	< 2.13	< 2.06
6:2 FTS	ng/l						< 2.06	< 2.13	< 2.06
8:2 FTS	ng/l						< 2.06	< 2.13	< 2.06
NEtFOSAA	ng/l						< 2.06	< 2.13	< 2.06
NMeFOSAA	ng/l						< 2.06	< 2.13	< 2.06
Total PFAS	ng/l						26.0	ND	ND

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201  
criteria: 6 ng/L PFNA, 8 ng/L PFOA,  
16 ng/L PFOS, 51 ng/L PFHxS,  
370 ng/L HFPO-DA, 420 ng/L PFBS,  
or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW027									RI-MW027																					
Well Screen Interval (bgs)		20 - 21 ft									34.5 - 35.3 ft																					
Sample Date		GW2010281140CM									GW2010281250CM																					
Lab Report		10/28/2020									10/28/2020																					
Compound		2002372									2002372																					
Unit		Result									Result																					
PFBA	ng/l																															
PFPeA	ng/l																															
PFHxA	ng/l																															
PFHpA	ng/l																															
PFOA	ng/l																															
PFNA	ng/l																															
PFDA	ng/l																															
PFUnDA	ng/l																															
PFDoDA	ng/l																															
PFTTrDA	ng/l																															
PFTeDA	ng/l																															
11CI-PF3OUdS	ng/l																															
9CI-PF3ONS	ng/l																															
ADONA	ng/l																															
HFPO-DA	ng/l																															
PFDS	ng/l																															
PFBS	ng/l																															
PFPeS	ng/l																															
PFHxS	ng/l																															
PFHpS	ng/l																															
PFOS	ng/l																															
PFNS	ng/l																															
FOSA	ng/l																															
4:2 FTS	ng/l																															
6:2 FTS	ng/l																															
8:2 FTS	ng/l																															
NEtFOSAA	ng/l																															
NMeFOSAA	ng/l																															
Total PFAS	ng/l																															

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW028			
Well Screen Interval (bgs)		5 - 10 ft			
Sample		GW2007151515GSC	GW2010281735CM	GW2101271030GSC	GW2104061725KEM
Sample Date		7/15/2020	10/28/2020	1/27/2021	4/6/2021
Lab Report		2001522	2002372	2102039	2104108
Compound	Unit	Result	Result	Result	Result
PFBA	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
PFPeA	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
PFHxA	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
PFHpA	ng/l	<b>1.8 J</b>	< 2.07	< 1.96	< 1.98
PFOA	ng/l	<b>2.3 J</b>	< 2.07	< 1.96	< 1.98
PFNA	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
PFDA	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
PFUnDA	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
PFDoDA	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
PFTTrDA	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
PFTeDA	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
11CI-PF3OUdS	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
9CI-PF3ONS	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
ADONA	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
HFPO-DA	ng/l	< 3.05	< 2.07	< 1.96	< 1.98
PFDS	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
PFBS	ng/l	< 2.03	<b>1.7 J</b>	< 1.96	< 1.98
PFPeS	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
PFHxS	ng/l	<b>10.5</b>	<b>6.0</b>	<b>6.2</b>	<b>6.2</b>
PFHpS	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
PFOS	ng/l	<b>7.4</b>	<b>8.0</b>	<b>6.6</b>	<b>7.2</b>
PFNS	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
FOSA	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
4:2 FTS	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
6:2 FTS	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
8:2 FTS	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
NEtFOSAA	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
NMeFOSAA	ng/l	< 2.03	< 2.07	< 1.96	< 1.98
Total PFAS	ng/l	<b>22.0</b>	<b>15.6</b>	<b>12.8</b>	<b>13.4</b>

Oct 2019    Jan 2020    Apr 2020

Jul 2021  
DRY

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW028				RI-MW030					
Well Screen Interval (bgs)		20 - 21 ft				24 - 25 ft					
Sample Date		GW2010291115CM		GW2107211710MLH		GW1910101025RAP		GW2001230915RAP		GW2004141735GSC	
Lab Report		10/29/2020		7/21/2021		10/10/2019		1/23/2020		4/14/2020	
Compound		2002372		2107214		1903624		2000166		2000899	
Unit		Result		Result		Result		Result		Result	
PFBA	ng/l		< 2.07		< 2.06		< 2.28		<b>4.8</b>		<b>4.3</b>
PFPeA	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
PFHxA	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
PFHpA	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
PFOA	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
PFNA	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
PFDA	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
PFUnDA	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
PFDoDA	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
PFTTrDA	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
PFTeDA	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
11CI-PF3OUdS	ng/l		< 2.07		< 2.06		---		< 2.05		< 2.08
9CI-PF3ONS	ng/l		< 2.07		< 2.06		---		< 2.05		< 2.08
ADONA	ng/l		< 2.07		< 2.06		---		< 2.05		< 2.08
HFPO-DA	ng/l		< 2.07		< 2.06		---		< 3.07		< 3.13
PFDS	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
PFBS	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
PFPeS	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
PFHxS	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
PFHpS	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
PFOS	ng/l		< 2.07		< 2.06		< 2.28		<b>2.3 J</b>		< 2.08
PFNS	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
FOSA	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
4:2 FTS	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
6:2 FTS	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
8:2 FTS	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
NEtFOSAA	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
NMeFOSAA	ng/l		< 2.07		< 2.06		< 2.28		< 2.05		< 2.08
Total PFAS	ng/l		<b>ND</b>		<b>ND</b>		<b>ND</b>		<b>7.0</b>		<b>4.3</b>

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW032							
Well Screen Interval (bgs)		18 - 23 ft							
Sample		GW1910091630RAP	GW2001221530MK	GW2004150915GSC	GW2007151700GSC	GW2010291335CM	GW2101270930SK	GW2104071620KEM	GW2107220750MLH
Sample Date		10/9/2019	1/22/2020	4/15/2020	7/15/2020	10/29/2020	1/27/2021	4/7/2021	7/22/2021
Lab Report		1903624	2000166	2000899	2001522	2002372	2102039	2104108	2107214
Compound	Unit	Result	Result	Result	Result	Result	Result	Result	Result
PFBA	ng/l	6.7	8.2	5.6	8.1	9.5	8.8	8.1	8.7
PFPeA	ng/l	9.7	15.1	11.2	13.0	16.8	20.1	15.7	16.7
PFHxA	ng/l	13.4	20.4	19.2	20.3	26.5	30.2	24.2	26.3
PFHpA	ng/l	3.9 J	5.8	6.6	8.7	12.7	15.9	15.4	15.9
PFOA	ng/l	11.3	15.9	17.9	19.8	22.4	25.1	19.3	18.7
PFNA	ng/l	< 2.16	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
PFDA	ng/l	< 2.16	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
PFUnDA	ng/l	< 2.16	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
PFDoDA	ng/l	< 2.16	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
PFTTrDA	ng/l	< 2.16	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
PFTeDA	ng/l	< 2.16	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
11CI-PF3OUdS	ng/l	---	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
9CI-PF3ONS	ng/l	---	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
ADONA	ng/l	---	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
HFPO-DA	ng/l	---	< 3.06	< 3.02	< 3.10	< 1.98	< 1.98	< 2.01	< 1.95
PFDS	ng/l	< 2.16	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
PFBS	ng/l	23.8	27.6	23.8	25.6	31.3	33.1	23.0	22.7
PFPeS	ng/l	1.5 J	3.4 J	2.9 J	3.1 J	3.5 J	4.3	2.5 J	2.5 J
PFHxS	ng/l	44.3	75.2	71.6	88.3	83.7	103.0	82.4	75.7
PFHpS	ng/l	< 2.16	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
PFOS	ng/l	2.0 J, Q	3.2 J	< 2.02	2.2 J	2.8 J	5.2	2.5 J	< 1.95
PFNS	ng/l	< 2.16	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
FOSA	ng/l	< 2.16	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
4:2 FTS	ng/l	< 2.16	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
6:2 FTS	ng/l	< 2.16	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
8:2 FTS	ng/l	< 2.16	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
NEtFOSAA	ng/l	< 2.16	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
NMeFOSAA	ng/l	< 2.16	< 2.04	< 2.02	< 2.07	< 1.98	< 1.98	< 2.01	< 1.95
Total PFAS	ng/l	116.6	174.8	158.9	189.1	209.1	245.8	193.0	187.2

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW032							
Well Screen Interval (bgs)		29 - 30 ft							
Sample		Oct 2019	Jan 2020	Apr 2020	Jul 2020	Oct 2020	GW2101271010SK	GW2104071700KEM	GW2107220835MLH
Sample Date							1/27/2021	4/7/2021	7/22/2021
Lab Report							2102039	2104108	2107214
Compound	Unit					Result	Result	Result	
PFBA	ng/l						<b>7.2</b>	<b>5.3</b>	<b>7.6</b>
PFPeA	ng/l						<b>6.1</b>	<b>5.6</b>	<b>5.1</b>
PFHxA	ng/l						<b>7.1</b>	<b>7.4</b>	<b>5.3</b>
PFHpA	ng/l						<b>1.8 J, Q</b>	<b>2.3 J, Q</b>	<b>2.8 J</b>
PFOA	ng/l						<b>5.3</b>	<b>9.5</b>	<b>2.7 J</b>
PFNA	ng/l						< 2.01	< 1.95	< 1.95
PFDA	ng/l						< 2.01	< 1.95	< 1.95
PFUnDA	ng/l						< 2.01	< 1.95	< 1.95
PFDoDA	ng/l						< 2.01	< 1.95	< 1.95
PFTTrDA	ng/l						< 2.01	< 1.95	< 1.95
PFTeDA	ng/l						< 2.01	< 1.95	< 1.95
11CI-PF3OUdS	ng/l						< 2.01	< 1.95	< 1.95
9CI-PF3ONS	ng/l						< 2.01	< 1.95	< 1.95
ADONA	ng/l						< 2.01	< 1.95	< 1.95
HFPO-DA	ng/l						< 2.01	< 1.95	< 1.95
PFDS	ng/l						< 2.01	< 1.95	< 1.95
PFBS	ng/l						<b>19.8</b>	<b>16.7</b>	<b>17.8</b>
PFPeS	ng/l						<b>1.4 J</b>	<b>2.2 J</b>	< 1.95
PFHxS	ng/l						<b>13.0</b>	<b>36.7</b>	<b>6.1</b>
PFHpS	ng/l						< 2.01	< 1.95	< 1.95
PFOS	ng/l						< 2.01	< 1.95	< 1.95
PFNS	ng/l						< 2.01	< 1.95	< 1.95
FOSA	ng/l						< 2.01	< 1.95	< 1.95
4:2 FTS	ng/l						< 2.01	< 1.95	< 1.95
6:2 FTS	ng/l						< 2.01	< 1.95	< 1.95
8:2 FTS	ng/l						< 2.01	< 1.95	< 1.95
NEtFOSAA	ng/l						< 2.01	< 1.95	< 1.95
NMeFOSAA	ng/l						< 2.01	< 1.95	< 1.95
Total PFAS	ng/l						<b>61.7</b>	<b>85.8</b>	<b>47.4</b>

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201  
criteria: 6 ng/L PFNA, 8 ng/L PFOA,  
16 ng/L PFOS, 51 ng/L PFHxS,  
370 ng/L HFPO-DA, 420 ng/L PFBS,  
or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW033							
Well Screen Interval (bgs)		13 - 18 ft							
Sample		GW1910100915RAP	GW2001221440MK	GW2004150830GSC	GW2007151730GSC	GW2010291430CM	GW2101271100SK	GW2104071450KEM	GW2107211735RLF
Sample Date		10/10/2019	1/22/2020	4/15/2020	7/15/2020	10/29/2020	1/27/2021	4/7/2021	7/21/2021
Lab Report		1903624	2000165	2000899	2001522	2002372	2102039	2104108	2107214
Compound	Unit	Result	Result	Result	Result	Result	Result	Result	Result
PFBA	ng/l	2.4 J	5.7	6.5	3.5 J	1.8 J	<2.03	< 2.04	1.1 J
PFPeA	ng/l	1.5 J	< 2.02	1.9 J	3.4 J	1.8 J	1.1 J	< 2.04	< 2.10
PFHxA	ng/l	1.5 J	1.9 J, Q	5.9	4.7	3.2 J, Q	1.1 J, Q	< 2.04	< 2.10
PFHpA	ng/l	< 2.09	1.7 J	3.3 J	4.7	3.6 J	2.1 J	1.2 J	2.1 J, Q
PFOA	ng/l	8.1	10.6	14.0	17.0	19.1	10.4	5.8	10.1
PFNA	ng/l	< 2.09	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
PFDA	ng/l	< 2.09	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
PFUnDA	ng/l	< 2.09	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
PFDoDA	ng/l	< 2.09	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
PFTTrDA	ng/l	< 2.09	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
PFTeDA	ng/l	< 2.09	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
11CI-PF3OUdS	ng/l	---	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
9CI-PF3ONS	ng/l	---	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
ADONA	ng/l	---	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
HFPO-DA	ng/l	---	< 3.02	< 2.96	< 3.07	< 2.07	<2.03	< 2.04	< 2.10
PFDS	ng/l	< 2.09	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
PFBS	ng/l	3.4 J	2.6 J	6.1	3.0 J	4.7	3.0 J	4.1	3.5 J
PFPeS	ng/l	< 2.09	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
PFHxS	ng/l	35.9	26.5	22.8	22.3	39.8	23.6	21.3	32.4
PFHpS	ng/l	< 2.09	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
PFOS	ng/l	3.9 J	5.0	< 1.98	4.3	5.2	4.1	3.3 J	1.3 J
PFNS	ng/l	< 2.09	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
FOSA	ng/l	< 2.09	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
4:2 FTS	ng/l	< 2.09	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
6:2 FTS	ng/l	< 2.09	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
8:2 FTS	ng/l	< 2.09	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
NEtFOSAA	ng/l	< 2.09	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
NMeFOSAA	ng/l	< 2.09	< 2.02	< 1.98	< 2.05	< 2.07	<2.03	< 2.04	< 2.10
Total PFAS	ng/l	56.7	53.9	60.5	62.8	79.1	45.4	35.7	50.5

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled



**GSU Quarterly Groundwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW033						RI-MW034					
Well Screen Interval (bgs)		27.5 - 28.5 ft						7.5 - 12.5 ft					
Sample													
Sample Date													
Lab Report													
Compound	Unit	GW2101271130SK		GW2104071530KEM		GW2007151800GSC		GW2101271310SK		GW2104071330KEM		GW2107211110MLH	
		1/27/2021		4/7/2021		7/15/2020		1/27/2021		4/7/2021		7/21/2021	
		2102039		2104108		2001522		2102039		2104108		2107214	
		Result		Result		Result		Result		Result		Result	
PFBA	ng/l		< 2.03		< 1.99		1.9 J		2.4 J		1.8 J		2.4 J
PFPeA	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
PFHxA	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
PFHpA	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
PFOA	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		1.2 J
PFNA	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
PFDA	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
PFUnDA	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
PFDoDA	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
PFTTrDA	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
PFTeDA	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
11CI-PF3OUdS	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
9CI-PF3ONS	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
ADONA	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
HFPO-DA	ng/l		< 2.03		< 1.99		< 3.02		< 2.05		< 2.07		< 1.99
PFDS	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
PFBS	ng/l		< 2.03		< 1.99		1.8 J		1.6 J		1.3 J		< 1.99
PFPeS	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
PFHxS	ng/l		1.4 J		1.3 J		2.7 J		3.0 J		2.5 J		2.7 J
PFHpS	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
PFOS	ng/l		< 2.03		< 1.99		3.4 J		1.2 J		1.5 J		< 1.99
PFNS	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
FOSA	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
4:2 FTS	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
6:2 FTS	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
8:2 FTS	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
NEtFOSAA	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
NMeFOSAA	ng/l		< 2.03		< 1.99		< 2.02		< 2.05		< 2.07		< 1.99
Total PFAS	ng/l		1.4		1.3		9.7		8.3		7.1		6.3

Footnotes:  
1. bgs - Below ground surface  
2. ft = feet  
3. ND - Result below detection limit  
4. ng/l - Nanograms per liter  
5. < 2.05 - Result below detection limit  
6. --- = Analyte not included in analysis.  
7. **BOLD** - Analyte above detection  
7. **Highlight** - Above EGLE Part 201  
criteria: 6 ng/L PFNA, 8 ng/L PFOA,  
16 ng/L PFOS, 51 ng/L PFHxS,  
370 ng/L HFPO-DA, 420 ng/L PFBS,  
or 400,000 ng/L PFHxA  
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW035								
Well Screen Interval (bgs)		30 - 31 ft								
Sample		Oct 2019	Jan 2020	Apr 2020	Jul 2020	Oct 2020	Jan 2021	GW2104070845KEM	GW2104070845KEM-FI	GW2107211215MLH
Sample Date								4/7/2021	4/7/2021	7/21/2021
Lab Report								2104108	2104108	2107214
Compound	Unit							Result	Result	Result
PFBA	ng/l							< 2.07	< 2.06	<b>3.0 J</b>
PFPeA	ng/l							< 2.07	< 2.06	<b>3.8 J</b>
PFHxA	ng/l							< 2.07	< 2.06	<b>4.1</b>
PFHpA	ng/l							< 2.07	< 2.06	<b>3.8 J</b>
PFOA	ng/l							< 2.07	< 2.06	<b>3.2 J</b>
PFNA	ng/l							< 2.07	< 2.06	< 1.95
PFDA	ng/l							< 2.07	< 2.06	< 1.95
PFUnDA	ng/l							< 2.07	< 2.06	< 1.95
PFDoDA	ng/l							< 2.07	< 2.06	< 1.95
PFTTrDA	ng/l							< 2.07	< 2.06	< 1.95
PFTeDA	ng/l							< 2.07	< 2.06	< 1.95
11CI-PF3OUdS	ng/l							< 2.07	< 2.06	< 1.95
9CI-PF3ONS	ng/l							< 2.07	< 2.06	< 1.95
ADONA	ng/l							< 2.07	< 2.06	< 1.95
HFPO-DA	ng/l							< 2.07	< 2.06	< 1.95
PFDS	ng/l							< 2.07	< 2.06	< 1.95
PFBS	ng/l							<b>4.6</b>	<b>4.5</b>	<b>8.7</b>
PFPeS	ng/l							< 2.07	< 2.06	< 1.95
PFHxS	ng/l							<b>3.0 J</b>	<b>3.1 J</b>	<b>18.9</b>
PFHpS	ng/l							< 2.07	< 2.06	< 1.95
PFOS	ng/l							< 2.07	<b>2.0 J</b>	< 1.95
PFNS	ng/l							< 2.07	< 2.06	< 1.95
FOSA	ng/l							< 2.07	< 2.06	< 1.95
4:2 FTS	ng/l							< 2.07	< 2.06	< 1.95
6:2 FTS	ng/l							< 2.07	< 2.06	< 1.95
8:2 FTS	ng/l							< 2.07	< 2.06	< 1.95
NEtFOSAA	ng/l							< 2.07	< 2.06	< 1.95
NMeFOSAA	ng/l							< 2.07	< 2.06	< 1.95
Total PFAS	ng/l							<b>7.5</b>	<b>9.6</b>	<b>45.4</b>

**Footnotes:**

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2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled

**GSU Quarterly Groudwater Sampling Analytical Results**  
**July 2021**  
**Iosco County, Michigan**

Location		RI-MW035							RI-MW036							
Well Screen Interval (bgs)		49 - 50 FT							45 - 46 ft							
Sample Date																
Lab Report																
Compound	Unit	GW2107211310MLH							GW2104071035RLF		GW2107220915RLF		FD2107220915RLF			
		7/21/2021							4/7/2021		7/22/2021		7/22/2021			
		2107214							2104109		2107214		2107214			
		Result							Result		Result		Result			
PFBA	ng/l															
PFPeA	ng/l															
PFHxA	ng/l															
PFHpA	ng/l															
PFOA	ng/l															
PFNA	ng/l															
PFDA	ng/l															
PFUnDA	ng/l															
PFDoDA	ng/l															
PFTTrDA	ng/l															
PFTeDA	ng/l															
11CI-PF3OUdS	ng/l															
9CI-PF3ONS	ng/l															
ADONA	ng/l															
HFPO-DA	ng/l															
PFDS	ng/l															
PFBS	ng/l															
PFPeS	ng/l															
PFHxS	ng/l															
PFHpS	ng/l															
PFOS	ng/l															
PFNS	ng/l															
FOSA	ng/l															
4:2 FTS	ng/l															
6:2 FTS	ng/l															
8:2 FTS	ng/l															
NEtFOSAA	ng/l															
NMeFOSAA	ng/l															
Total PFAS	ng/l															

**Footnotes:**

1. bgs - Below ground surface
2. ft = feet
3. ND - Result below detection limit
4. ng/l - Nanograms per liter
5. < 2.05 - Result below detection limit
6. --- = Analyte not included in analysis.
6. **BOLD** - Analyte above detection
7. **Highlight** - Above EGLE Part 201 criteria: 6 ng/L PFNA, 8 ng/L PFOA, 16 ng/L PFOS, 51 ng/L PFHxS, 370 ng/L HFPO-DA, 420 ng/L PFBS, or 400,000 ng/L PFHxA
8. **GRAY** = Not Sampled