

PFAS Test Data

State Water Resources Control Board General Order No. DW 2022-0001-DDW

Method 533 Constituents				Well 5, ng/L					Well 6, ng/L					Well 8, ng/L ⁷						
				CCRDL ¹ (ng/L)	NL ² (ng/L)	RL ³ (ng/L)	Exceedance Methodology	Feb-23	May-23	Jun-23	Jul-23	QRAA ⁶	Feb-23	May-23	Jun-23	Jul-23	QRAA ⁶	Feb-23	May-23	Jun-23
1	11Cl-PF3OUdS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	5			ND	ND	ND		ND	ND	ND			ND	ND	ND			
2	8:2 FTS	1H, 1H, 2H, 2H-perfluorodecane sulfonic acid	5			ND	ND	ND		ND	ND	ND			ND	ND	ND			
3	4:2 FTS	1H, 1H, 2H, 2H-perfluorohexane sulfonic acid	3			ND	ND	ND		ND	ND	ND			ND	ND	ND			
4	6:2 FTS	1H, 1H, 2H, 2H-perfluorooctane sulfonic acid	5			ND	ND	ND		ND	ND	ND			ND	ND	ND			
5	ADONA	4,8-dioxa-3H-perfluorononanoic acid	3			ND	ND	ND		ND	ND	ND			ND	ND	ND			
6	9Cl-PF3ONS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	2			ND	ND	ND		ND	ND	ND			ND	ND	ND			
7	HFPO-DA	Hexafluoropropylene oxide dimer acid	5			ND	ND	ND		ND	ND	ND			ND	ND	ND			
8	NFDHA	nonafluoro-3,6-dioxaheptanoic acid	20			ND	ND	ND		ND	ND	ND			ND	ND	ND			
9	PFEESA	perfluoro (2-ethoxyethane) sulfonic acid	3			ND	ND	ND		ND	ND	ND			ND	ND	ND			
10	PFMPA	perfluoro-3-methoxypropanoic acid	4			ND	ND	ND		ND	ND	ND			ND	ND	ND			
11	PFMBA	perfluoro-4-methoxybutanoic acid	3			ND	ND	ND		ND	ND	ND			ND	ND	ND			
12	PFBS	Perfluorobutanesulfonic acid	3	500	5000	Single Sample	3.6	4.8	4.2		4.2	4.8	ND		5.1	5.3	5.6			
13	PFBA	Perfluorobutanoic acid	5				3.9	4.4	4.9		4.1	4.2	ND		3.2	3.9	4.3			
14	PFDA	Perfluorodecanoic acid	3				ND	ND	ND		ND	ND	ND		ND	ND	3.1			
15	PFDoA	Perfluorododecanoic acid	3				ND	ND	ND		ND	ND	ND		ND	ND	ND			
16	PFHpS	perfluoroheptanesulfonic acid	3				ND	ND	ND		ND	ND	ND		ND	ND	ND			
17	PFHpA	Perfluoroheptanoic acid	3				ND	ND	ND		1.9	ND	ND		2.2	2.0	2.1			
18	PFHxS	Perfluorohexanesulfonic acid	3	3	20	Single Sample	12	13	11.0		16	18	4.8		20	22	18			
19	PFHxA	Perfluorohexanoic acid	3				2.6	3.2	3.2		2.7	3.5	ND		4	3.4	3.9			
20	PFNA	Perfluorononanoic acid	4				ND	ND	ND		ND	ND	ND		ND	ND	ND			
21	PFOS	Perfluorooctanesulfonic acid	4	6.5	40	QRAA	12	17.0	13.0	7.3	18	26	3.5	11.0	23	27	19			12.5
22	PFOA	Perfluorooctanoic acid	4	5.1	10	QRAA	2.2	3.8	4.1	1.5	2.4	3.3	ND	1.4	2.4	3.1	3.1			1.4
23	PFPeS	perfluoropentanesulfonic acid	4				2.7	2.1	ND		3.5	3.2	ND		4.6	4.0	3.7			
24	PFPeA	perfluoropentanoic acid	3				1.9	2.5	3.1		2.5	2.9	ND		3.7	4.2	4.2			
25	PFUnA	Perfluoroundecanoic acid	2				ND	ND	ND		ND	ND	ND		ND	ND	ND			

Notes:

1. CCRDL = Consumer Confidence Report Detection Levels (i.e. levels requiring notification in annual Consumer Confidence Reports)
2. NL = Notification Level (i.e. levels requiring notification to governing body)
3. RL = Response Level (i.e. levels where water source shall be removed from service, treated, or public notification provided)
4. ND = Non Detect
5. NS = Not Sampled
6. QRAA = Quarterly running annual average (Average of the last 4 quarters of data under the current order. Where quarterly testing has just begun, future quarters are assigned a value of 0 until samples occur).
7. Well 8 has been assigned Standby with State Water Resources Control Board, Division of Drinking Water. Will only operate under emergency conditions.

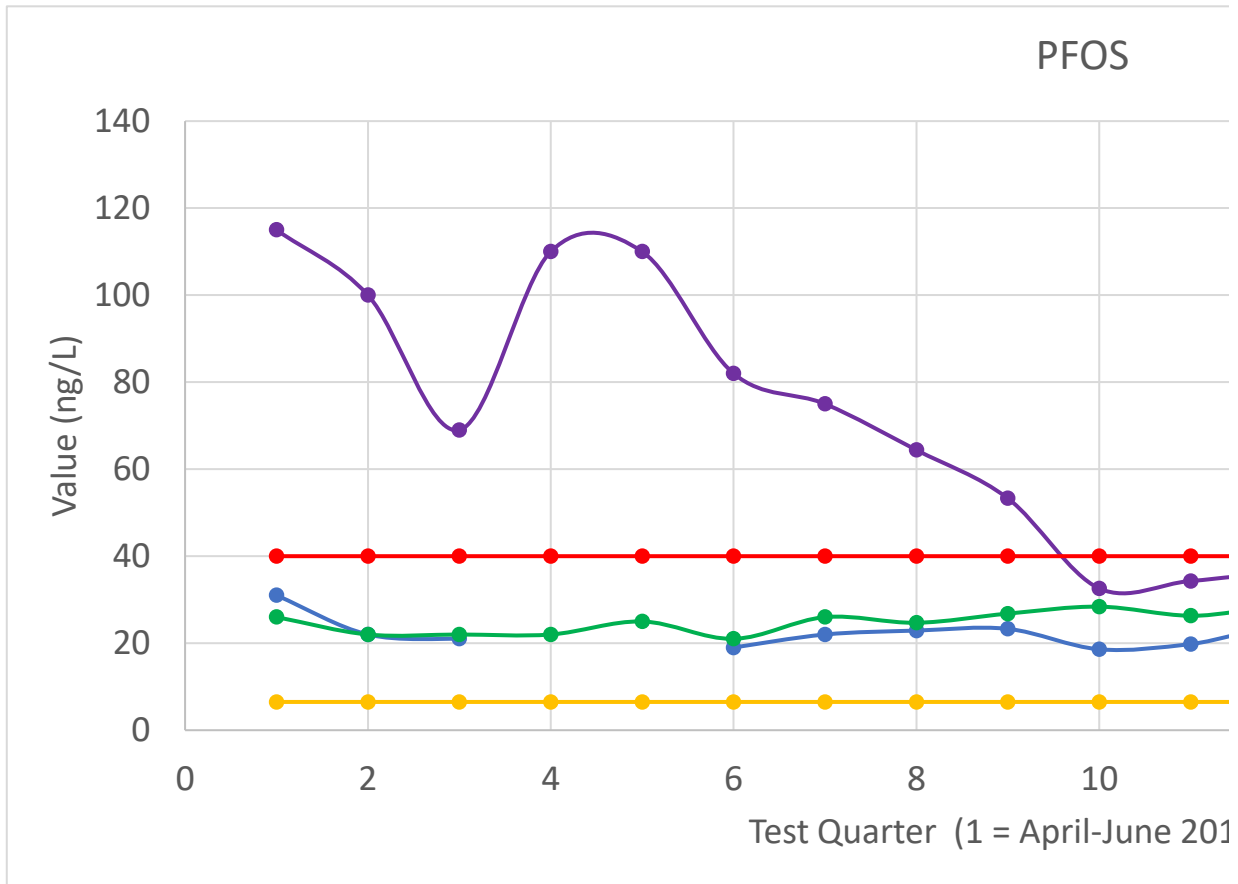
PFAS Test Data
 State Water Resources Control Board Order No. 02_04_19M_002_0110008

Method 537.1 Constituents	CCRD ¹ (ng/L)	NL ² (ng/L)	RL ³ (ng/L)	Well 5, ng/L ⁷						Well 6, ng/L						Well 8, ng/L ⁸								
				Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 5	Quarter 6	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 5	Quarter 6	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 5	Quarter 6			
				(April to June 2019) ⁹	(July to Sept 2019)	(Oct to Dec 2019)	(Jan to March 2020)	(April to June 2020)	(July to Sept 2020)	QRAA ⁶	(April to June 2019) ⁹	(July to Sept 2019)	(Oct to Dec 2019)	(Jan to March 2020)	(April to June 2020)	(July to Sept 2020)	QRAA ⁶	(April to June 2019) ⁹	(July to Sept 2019)	(Oct to Dec 2019)	(Jan to March 2020)	(April to June 2020)	(July to Sept 2020)	QRAA ⁶
1 HFPO-DA Hexafluoropropylene oxide dimer acid	4			ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2 N-EtFOSAA N-ethyl perfluorooctanesulfonamidoacetic acid	4			ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
3 N-MeFOSAA N-methyl perfluorooctanesulfonamidoacetic acid	4			ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4 PFBS Perfluorobutanesulfonic acid	4			7.1	4.9	4.7	NS	NS	5.2	5.5	7.4	5.5	5	5.6	8.3	5.4	6.1	11.5	8.9	7.5	7.9	13	8.6	9.3
5 PFDA Perfluorodecanoic acid	4			ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
6 PFDoA Perfluorododecanoic acid	4			ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
7 PFHpA Perfluoroheptanoic acid	4			3.2	2	2.2	NS	NS	1.9	2.3	3.4	1.9	2.5	2.5	2.7	1.9	2.4	13	7.6	8.1	7.6	9.3	5.1	7.5
8 PFHxS Perfluorohexanesulfonic acid	4			24	18	19	NS	NS	18	19.8	26.5	21	23	23	29	22	24.3	77.5	64	60	65	69	58	63.0
9 PFHxA Perfluorohexanoic acid	4			5.5	3.5	3.9	NS	NS	4.2	4.3	5.5	3.8	4.5	5.1	5.1	4.6	4.8	19.5	12	12	13	16	11	13.0
10 PFNA Perfluorononanoic acid	4			ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	4.8	4	4.5	5	2.8	4.1
11 PFOS Perfluorooctanesulfonic acid	4	6.5	40	31	22	21	NS	NS	19	23.3	26	22	22	22	25	21	22.5	115	100	69	110	110	82	92.8
12 PFOA Perfluorooctanoic acid	4	5.1	10	4.2	3.7	3.3	NS	NS	4	3.8	3.8	3.3	3.6	3.9	4.3	3.5	3.8	8.75	8.3	7.5	8.3	9.1	7.6	8.1
13 PFTA Perfluorotetradecanoic acid	4			ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14 PFTrDA Perfluorotridecanoic acid	4			ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15 PFUnA Perfluoroundecanoic acid	4			ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16 11CL-PF3OUDS 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	2			ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17 9CL-PF3ONS 9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid	2			ND	ND	ND	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18 ADONA 4,8-Dioxa-3H-perfluorononanoic acid	2			ND	ND	ND	NS	NS	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

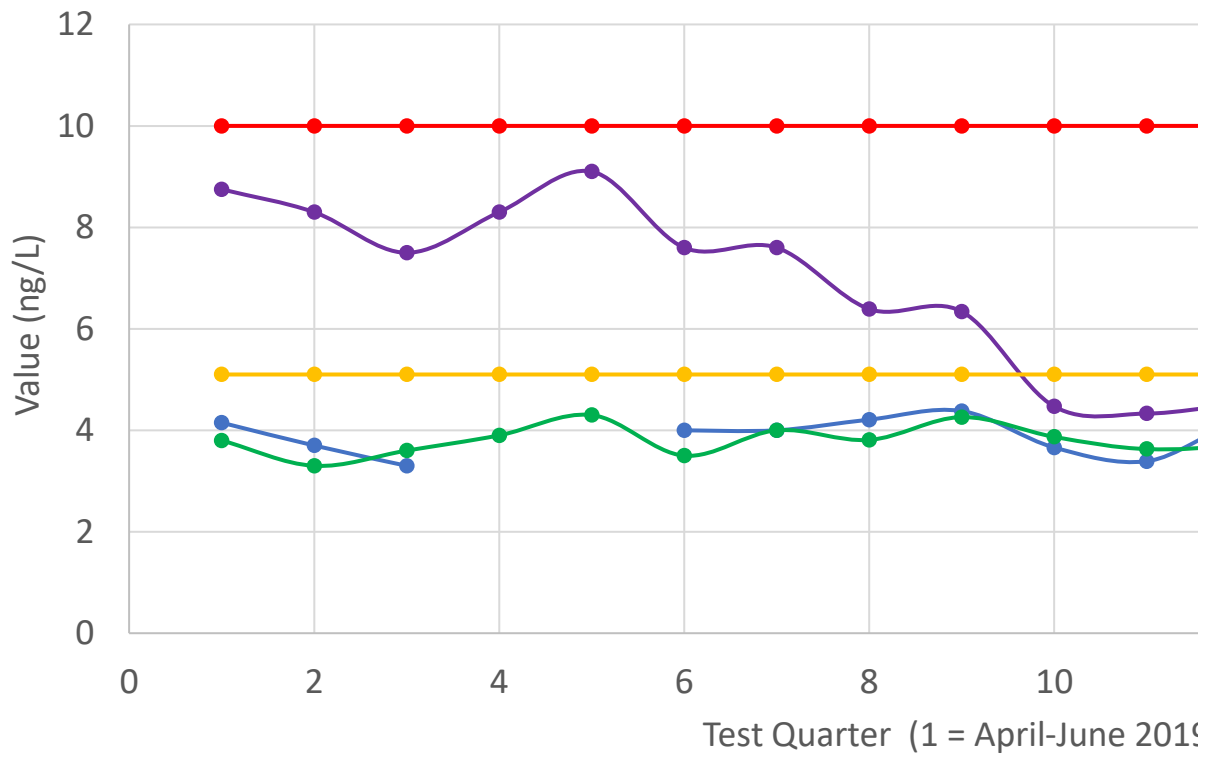
1. CCRDL = Consumer Confidence Report Detection Levels (i.e. levels requiring notification in annual Consumer Confidence Reports)
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4. ND = Non Detect
5. NS = Not Sampled
6. QRAA = Quarterly running annual average (Average of the last 4 quarters of data under the current order. Where quarterly testing has just begun, future quarters are assigned a value of 0 until samples occur).
7. Well 5 was out of service for repairs from January 2020 through June 2020.
8. Well 8 has been assigned Standby with State Water Resources Control Board, Division of Drinking Water. Will only operate under emergency conditions.
9. Test results for quarter reflects an average of two separate samples.

Order	Quarter	PFOS					NL	RL
		Well 5	Well 6	Well 8				
1	1	Apr-19		31	26	115	6.5	40
1	2	Jul-19		22	22	100	6.5	40
1	3	Oct-19		21	22	69	6.5	40
1	4	Jan-20			22	110	6.5	40
1	5	Apr-20			25	110	6.5	40
1	6	Jul-20		19	21	82	6.5	40
2	7	Oct-20		22	26	75	6.5	40
2	8	Jan-21		22.9	24.7	64.4	6.5	40
2	9	Apr-21		23.3	26.8	53.3	6.5	40
2	10	Jul-21		18.6	28.4	32.6	6.5	40
2	11	Oct-21		19.8	26.3	34.3	6.5	40
2	12	Jan-22		23.25	27.75	35.5	6.5	40
2	13	Apr-22		17	22	30	6.5	40
2	14	Jul-22		14	20	28	6.5	40
2	15	Oct-22		21	24	29	6.5	40
3	16	Jan-23		12	18	23	6.5	40
3	17	Apr-23		17	26	27	6.5	40
Average				20.26	24.00	59.89		

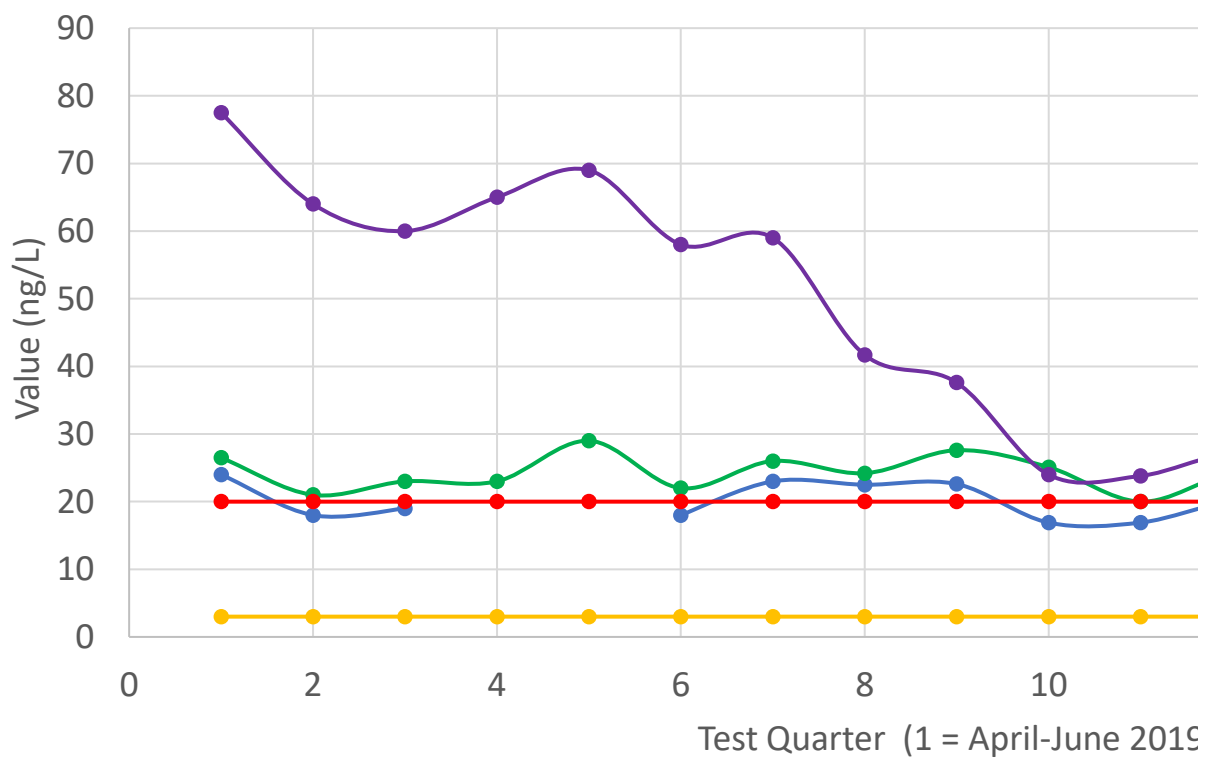


DEQA

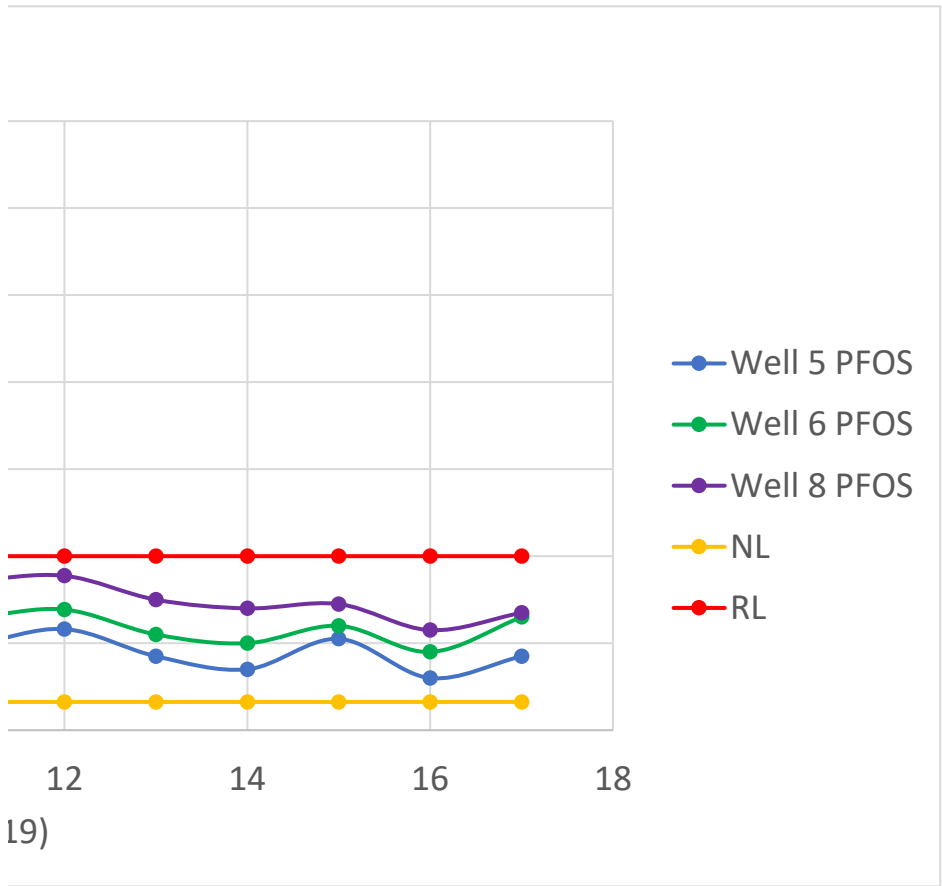
PFCA

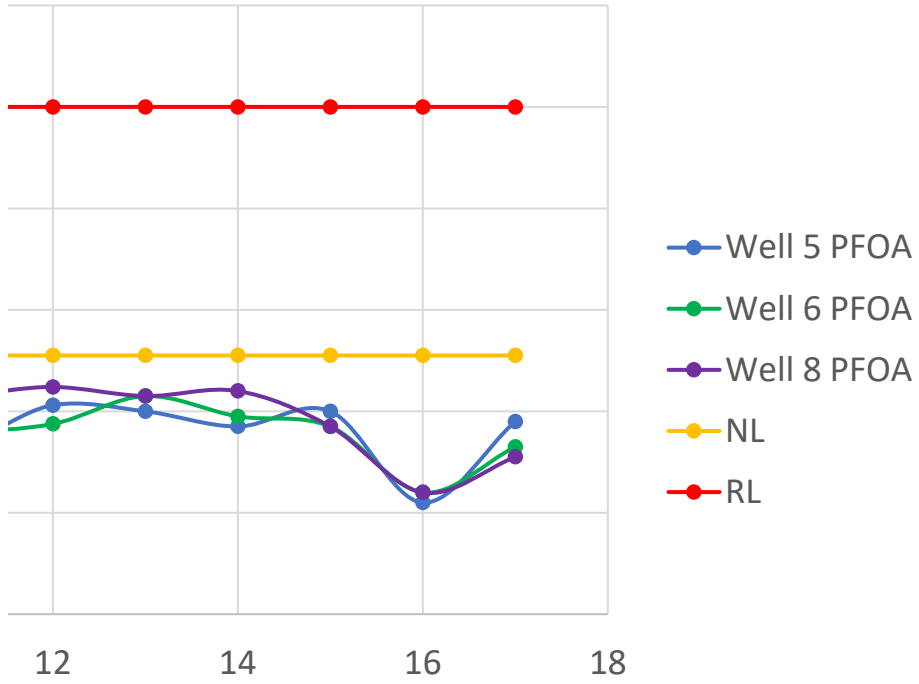


PFHxS



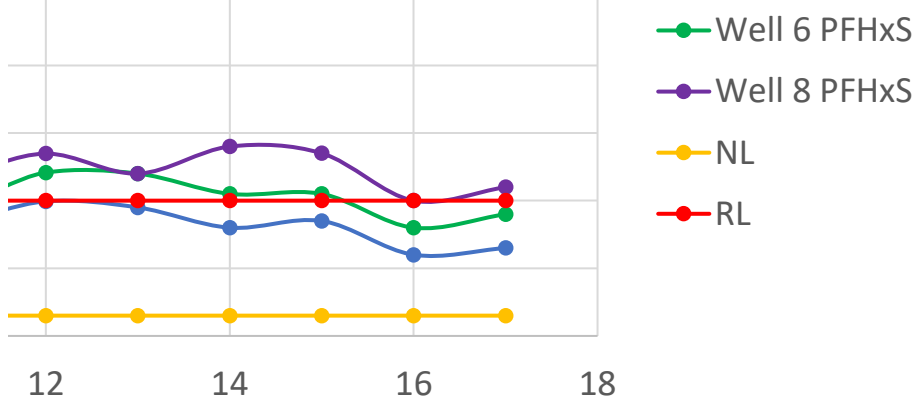
PFOA						PFHxS	
Well 5	Well 6	Well 8	NL	RL		Well 5	Well 6
4.15	3.8	8.75		5.1	10	24	26.5
3.7	3.3	8.3		5.1	10	18	21
3.3	3.6	7.5		5.1	10	19	23
	3.9	8.3		5.1	10		23
	4.3	9.1		5.1	10		29
4	3.5	7.6		5.1	10	18	22
4	4	7.6		5.1	10	23	26
4.21	3.81	6.39		5.1	10	22.5	24.2
4.38	4.26	6.34		5.1	10	22.6	27.6
3.66	3.87	4.47		5.1	10	16.9	25.1
3.39	3.63	4.33		5.1	10	16.9	20
4.12	3.75	4.48		5.1	10	19.9	24.15
4	4.3	4.3		5.1	10	19	24
3.7	3.9	4.4		5.1	10	16	21
4	3.7	3.7		5.1	10	17	21
2.2	2.4	2.4		5.1	10	12	16
3.8	3.3	3.1		5.1	10	13	18
3.77	3.72	5.94				18.52	23.03





9)

Note: NL and RL Effective Q1 2023 (Test Quarter 16) but shown retroactive for comparison with historical data.



9)

Well 8	NL	RL
77.5	3	20
64	3	20
60	3	20
65	3	20
69	3	20
58	3	20
59	3	20
41.7	3	20
37.6	3	20
24	3	20
23.8	3	20
26.95	3	20
24	3	20
28	3	20
27	3	20
20	3	20
22	3	20
42.80		