

**MARINA COAST WATER DISTRICT
SYSTEM NO. CA2710017
Well 10 Post-Treatment**

UCMR-5

REPORTING PERIOD: 2023

SOURCE			Well 10 Treated	Well 10 Treated	Well 10 Treated
DATE/TIME COLLECTED			2/14/2023; 0805 AM	4/5/2023; 0825 AM	8/9/2023; 0750 AM
SAMPLER			Goncalves	Goncalves	Goncalves
LABORATORY			EEA	EEA	EEA
CONSTITUENT	UNITS	MRL			
UCMR5 EPA Method 533 (PFAS)					
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ug/L	0.005	0		0
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ug/L	0.002	0		0
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ug/L	0.003	0		0
hexafluoropropylene oxide dimer acid (HFPO DA)	ug/L	0.005	0		0
nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ug/L	0.02	0		0
perfluorobutanoic acid (PFBA)	ug/L	0.005	0		0
perfluorobutanesulfonic acid (PFBS)	ug/L	0.003	0		0
1H,1H, 2H, 2H-perfluorodecane sulfonic acid (8:2FTS)	ug/L	0.005	0		0
perfluorodecanoic acid (PFDA)	ug/L	0.003	0		0
perfluorododecanoic acid (PFDoA)	ug/L	0.003	0		0
perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ug/L	0.003	0		0
perfluoroheptanesulfonic acid (PFHpS)	ug/L	0.003	0		0
perfluoroheptanoic acid (PFHpA)	ug/L	0.003	0		0
1H,1H, 2H, 2H-perfluorohexane sulfonic acid (4:2FTS)	ug/L	0.003	0		0
perfluorohexanesulfonic acid (PFHxS)	ug/L	0.003	0		0
perfluorohexanoic acid (PFHxA)	ug/L	0.003	0		0
perfluoro-3-methoxypropanoic acid (PFMPA)	ug/L	0.004	0		0
perfluoro-4-methoxybutanoic acid (PFMBA)	ug/L	0.003	0		0
perfluorononanoic acid (PFNA)	ug/L	0.004	0		0
1H,1H, 2H, 2H-perfluorooctane sulfonic acid (6:2FTS)	ug/L	0.005	0		0
perfluorooctanesulfonic acid (PFOS)	ug/L	0.004	0		0
perfluorooctanoic acid (PFOA)	ug/L	0.004	0		0
perfluoropentanoic acid (PFPeA)	ug/L	0.003	0		0
perfluoropentanesulfonic acid (PFPeS)	ug/L	0.004	0		0
perfluoroundecanoic acid (PFUnA)	ug/L	0.002	0		0
UCMR5 EPA Method 537.1 (PFAS)					
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/L	0.005		0	0
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/L	0.006		0	0
perfluorotetradecanoic acid (PFTA)	ug/L	0.008		0	0
perfluorotridecanoic acid (PFTrDA)	ug/L	0.007		0	0
EPA Method 200.7; SM 3120 B (2017); SM 3120 B-99 (1999); ASTM D1976-20 (Metal)					
lithium	ug/L	9	29.4		32.7

**MARINA COAST WATER DISTRICT
SYSTEM NO. CA2710017
Well 11 Post-Treatment**

UCMR-5

REPORTING PERIOD: 2023

SOURCE			Well 11 Treated	Well 11 Treated	Well 11 Treated
DATE/TIME COLLECTED			2/14/2023; 0850 AM	4/5/2023; 0855 AM	8/9/2023; 0830 AM
SAMPLER			Goncalves	Goncalves	Goncalves
LABORATORY			EEA	EEA	EEA
CONSTITUENT	UNITS	MRL			
UCMR5 EPA Method 533 (PFAS)					
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ug/L	0.005	0		0
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ug/L	0.002	0		0
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ug/L	0.003	0		0
hexafluoropropylene oxide dimer acid (HFPO DA)	ug/L	0.005	0		0
nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ug/L	0.02	0		0
perfluorobutanoic acid (PFBA)	ug/L	0.005	0		0
perfluorobutanesulfonic acid (PFBS)	ug/L	0.003	0		0
1H,1H, 2H, 2H-perfluorodecane sulfonic acid (8:2FTS)	ug/L	0.005	0		0
perfluorodecanoic acid (PFDA)	ug/L	0.003	0		0
perfluorododecanoic acid (PFDoA)	ug/L	0.003	0		0
perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ug/L	0.003	0		0
perfluoroheptanesulfonic acid (PFHpS)	ug/L	0.003	0		0
perfluoroheptanoic acid (PFHpA)	ug/L	0.003	0		0
1H,1H, 2H, 2H-perfluorohexane sulfonic acid (4:2FTS)	ug/L	0.003	0		0
perfluorohexanesulfonic acid (PFHxS)	ug/L	0.003	0		0
perfluorohexanoic acid (PFHxA)	ug/L	0.003	0		0
perfluoro-3-methoxypropanoic acid (PFMPA)	ug/L	0.004	0		0
perfluoro-4-methoxybutanoic acid (PFMBA)	ug/L	0.003	0		0
perfluorononanoic acid (PFNA)	ug/L	0.004	0		0
1H,1H, 2H, 2H-perfluorooctane sulfonic acid (6:2FTS)	ug/L	0.005	0		0
perfluorooctanesulfonic acid (PFOS)	ug/L	0.004	0		0
perfluorooctanoic acid (PFOA)	ug/L	0.004	0		0
perfluoropentanoic acid (PFPeA)	ug/L	0.003	0		0
perfluoropentanesulfonic acid (PFPeS)	ug/L	0.004	0		0
perfluoroundecanoic acid (PFUnA)	ug/L	0.002	0		0
UCMR5 EPA Method 537.1 (PFAS)					
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/L	0.005		0	0
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/L	0.006		0	0
perfluorotetradecanoic acid (PFTA)	ug/L	0.008		0	0
perfluorotridecanoic acid (PFTrDA)	ug/L	0.007		0	0
EPA Method 200.7; SM 3120 B (2017); SM 3120 B-99 (1999); ASTM D1976-20 (Metal)					
lithium	ug/L	9	40.9		23.7

**MARINA COAST WATER DISTRICT
SYSTEM NO. CA2710017
Ord Post-Treatment (Post Cl2)**

UCMR-5

REPORTING PERIOD: 2023

SOURCE			Ord Post Cl2	Ord Post Cl2	Ord Post Cl2
DATE/TIME COLLECTED			2/14/2023; 0950 AM	2/14/2023; 0930 AM	8/9/2023; 0930 AM
SAMPLER			Goncalves	Goncalves	Goncalves
LABORATORY			EEA	EEA	EEA
CONSTITUENT	UNITS	MRL			
UCMR5 EPA Method 533 (PFAS)					
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ug/L	0.005	0		0
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ug/L	0.002	0		0
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ug/L	0.003	0		0
hexafluoropropylene oxide dimer acid (HFPO DA)	ug/L	0.005	0		0
nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ug/L	0.02	0		0
perfluorobutanoic acid (PFBA)	ug/L	0.005	0		0
perfluorobutanesulfonic acid (PFBS)	ug/L	0.003	0		0
1H,1H, 2H, 2H-perfluorodecane sulfonic acid (8:2FTS)	ug/L	0.005	0		0
perfluorodecanoic acid (PFDA)	ug/L	0.003	0		0
perfluorododecanoic acid (PFDoA)	ug/L	0.003	0		0
perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ug/L	0.003	0		0
perfluoroheptanesulfonic acid (PFHpS)	ug/L	0.003	0		0
perfluoroheptanoic acid (PFHpA)	ug/L	0.003	0		0
1H,1H, 2H, 2H-perfluorohexane sulfonic acid (4:2FTS)	ug/L	0.003	0		0
perfluorohexanesulfonic acid (PFHxS)	ug/L	0.003	0		0
perfluorohexanoic acid (PFHxA)	ug/L	0.003	0		0
perfluoro-3-methoxypropanoic acid (PFMPA)	ug/L	0.004	0		0
perfluoro-4-methoxybutanoic acid (PFMBA)	ug/L	0.003	0		0
perfluorononanoic acid (PFNA)	ug/L	0.004	0		0
1H,1H, 2H, 2H-perfluorooctane sulfonic acid (6:2FTS)	ug/L	0.005	0		0
perfluorooctanesulfonic acid (PFOS)	ug/L	0.004	0		0
perfluorooctanoic acid (PFOA)	ug/L	0.004	0		0
perfluoropentanoic acid (PFPeA)	ug/L	0.003	0		0
perfluoropentanesulfonic acid (PFPeS)	ug/L	0.004	0		0
perfluoroundecanoic acid (PFUnA)	ug/L	0.002	0		0
UCMR5 EPA Method 537.1 (PFAS)					
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/L	0.005		0	0
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/L	0.006		0	0
perfluorotetradecanoic acid (PFTA)	ug/L	0.008		0	0
perfluorotridecanoic acid (PFTrDA)	ug/L	0.007		0	0
EPA Method 200.7; SM 3120 B (2017); SM 3120 B-99 (1999); ASTM D1976-20 (Metal)					
lithium	ug/L	9	21.8		24.7