



MWRD Updates

IWWSG – November 2023 Meeting

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Recommended 2024 User Charges*

Volume (\$/MG)	BOD ₅ (\$/klbs)	SS (\$/klbs)	OM&R Factor
\$287.56	\$187.65	\$125.28	30.6%

**Pending MWRD Board Approval*



User Charge Rate History

Year	VOL (\$/MG)	BOD (\$/1000lb)	SS (\$/1000lb)	OM&R Factor
2014	\$246.08	\$245.75	\$159.72	0.435
2015	\$250.51	\$240.49	\$154.08	0.391
2016	\$255.02	\$234.95	\$148.33	0.344
2017	\$259.61	\$229.13	\$142.47	0.339
2018	\$264.28	\$223.03	\$136.48	0.301
2019	\$269.04	\$216.64	\$130.38	0.328
2020	\$273.88	\$209.94	\$124.16	0.319
2021	\$278.81	\$202.93	\$117.81	0.354
2022	\$277.48	\$181.07	\$123.05	0.341
2023	\$282.47	\$184.33	\$124.16	0.401
2024*	\$287.56	\$187.65	\$125.28	0.306

**Pending MWRD Board Approval*



Noncompliance Enforcement Charges

- Reflects administrative, sampling, analysis, and other costs of enforcement for noncompliant Industrial Users.
- This also reflects an effort to distribute the burden of costs for the pretreatment program onto non-compliant rather than compliant facilities.
- Our goal is to have all Users be compliant with our Ordinances.

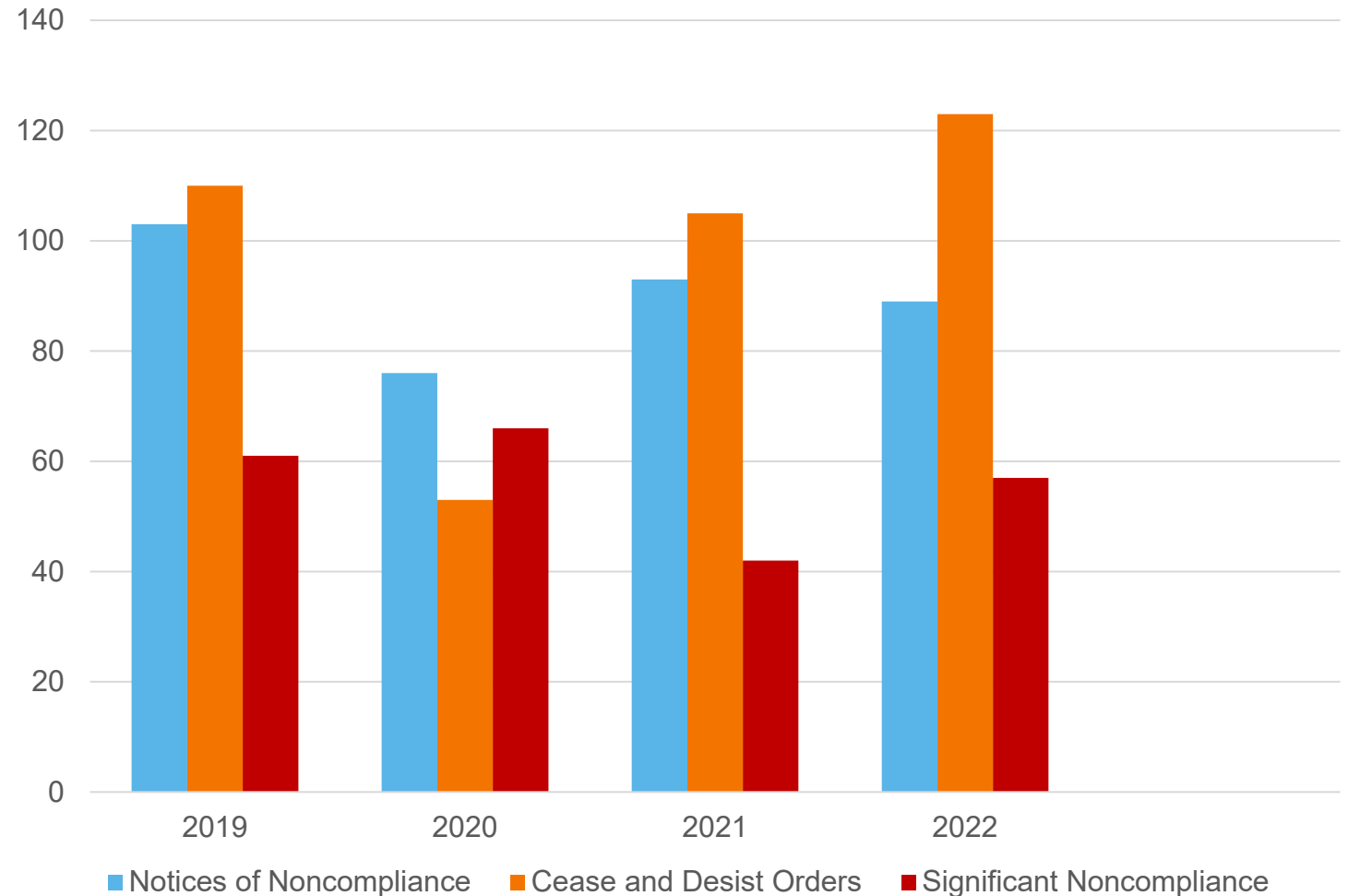
Enforcement Level	2012	2023
NON	\$1,555	\$2,500
C&D	\$2,486	\$5,000
C&D – Recurring	\$5,001	\$10,000
C&D – Reporting	\$843	\$1,000
C&D – Amendment	\$843	\$500
Show Cause/Legal Action	Civil Penalties	





Encouraging Informed Compliance

- Continue to encourage Users in noncompliance of their permits to pursue methods of returning to compliance.
- Reviewing Users who remain in noncompliance year-to-year and what additional enforcement actions can be taken.
- The end goal is protecting the WRPs from industrial pollution and identifying potential new sources.





PFAS – MWRD Activities

- Provided support and sampling for Water Research Foundation national study investigating management strategies to prevent PFAS from entering water supplies and wastewater.
- Conducting specific PFAS inspections of industries most likely to use/discharge PFAS.
- Sampling MWRD intercepting sewers and influent to each WRP to establish domestic and industrial baseline loading and inform future targeted sampling.
- Direct regulation of industry under provisions of SWCO and Clean Water Act when applicable.





PFAS – Outreach to Industrial Users

Act now to better understand and characterize potential PFAS in your waste streams

- Inventory your products
- Ask your suppliers about alternatives
- Properly dispose of PFAS-containing products no longer being used
- If your processes use PFAS and discharge to sewer is necessary, consider sampling to determine if pretreatment may be needed
- Develop in-house training program to educate your employees on managing PFAS from your industrial activities at the source



PFAS – USEPA Approach

EPA Memos Recommended Permit Conditions for Water Reclamation Plants

- At least Quarterly Effluent, Influent and Biosolids Monitoring
- Draft Method 1633 for 40 PFAS compounds detectable
- Update Industrial User Inventory
- Identify and locate all potential IU's subject to pretreatment
- Identify the character and volume of pollutants discharged
- Require BMPs and pollution prevention to address PFAS discharges to POTWs
- Require quarterly monitoring in IU permits
- Develop BMPs or local limits
- In absence of local limits: Pollution prevention, product substitution, good housekeeping practices to make meaningful reductions in releases to POTWs.



PFAS – USEPA Approach

EPA Recommended Review of Following Industries:

- Organic chemicals, plastics & synthetic fibers (OCPSF) 40 CFR 414
- Metal Finishing and Electroplating – 40 CFR 433 and 413
- Electric and electronic components – 40 CFR 469
- Landfills – 40 CFR 445
- Pulp, paper & paper board – 40 CFR 430
- Leather tanning & finishing – 40 CFR 425
- Plastics molding & forming – 40 CFR 463
- Paint Formulating – 40 CFR 446
- Textile mills – 40 CFR 410
- Airport – 40 CFR 449



PFAS – IEPA Permit Language

IEPA Special Conditions in NPDES Permits

- Quarterly influent, effluent and semiannual biosolids monitoring
- Within 1 year submit inventory report of facilities in service area with potential to contribute or discharge PFAS into sewer system.
- Within 2 years, develop and implement a PFAS reduction initiative that *must include PFAS loading reduction plans for facilities identified in the inventory.*
- Within 3 years and then annually, submit a PFAS reduction report to IEPA, including all industrial facility loading reduction plans.



PFAS – IEPA Permit Language

Facility PFAS Loading Reduction Plans

- Evaluation of the potential for facility to use or discharge PFAS
- Pollution Prevention and Source Reduction opportunities
- Identification of measures being taken to reduce PFAS loading from facility and any available testing data and/or loading reduction achieved.
- PFAS loading reduction plans must be reevaluated and updated annually, identifying any changes made since previous plan.



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