

NPDES Permit No. IL0003581
Notice No. MEL:24030802.docx

Public Notice Beginning Date: May 06, 2024

Public Notice Ending Date: June 05, 2024

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency
Bureau of Water
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

Quality Metal Finishing
421 North Walnut Street
Byron, Illinois 61010

Name and Address of Facility:

Quality Metal Finishing
421 North Walnut Street
Byron, Illinois 61010
(Ogle County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES permit to discharge into the waters of the state and has prepared a draft permit and associated fact sheet for the above named discharger. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. The last day comments will be received will be on the Public Notice period ending date unless a commentor demonstrating the need for additional time requests an extension to this comment period and the request is granted by the IEPA. Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the permit applicant. The NPDES permit and notice number(s) must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final permit is issued. For further information, please call Mark E. Liska at 217/782-0610.

The applicant is engaged in zinc die casting and electroplating of hardware with copper, nickel, and chrome (SIC 3471, 3432). Plant operation results in an average discharge of 0.0754 MGD of treated zinc die casting and electroplating wastewater from outfall 001 and 0.1 MGD of non-contact cooling water from outfall 002.

Application is made for existing discharges which are located in Ogle County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

<u>Outfall</u>	<u>Receiving Stream</u>	<u>Latitude</u>		<u>Longitude</u>		<u>Stream Classification</u>	<u>Integrity Rating</u>
001	Rock River	42° 07' 46"	North	89° 15' 24"	West	General Use	Not Rated
002	Rock River	42° 07' 46"	North	89° 15' 27"	West	General Use	Not Rated

To assist you further in identifying the location of the discharge please see the attached map.

The stream segment P-14 receiving the discharge from outfalls 001 and 002 is on the 2020/2022 303(d) list of impaired waters and is not a biologically significant stream on the 2012 Illinois Department of Natural Resources Publication – *Integrating Multiple Taxa in a Biological Stream Rating System*.

The following parameters have been identified as the pollutants causing impairment:

Designated Use:

Fish Consumption Use
Primary Contact Use

Potential Cause:

Mercury, PCBs
Fecal Coliform

The discharges from the facility shall be monitored and limited at all times as follows:

PARAMETER	LOAD LIMITS lbs/day <u>DAF (DMF)</u>			CONCENTRATION LIMITS mg/l		
	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION
<u>Outfall 001:</u>						
Flow (MGD)						35 IAC 309.146
pH				6.0-9.0		35 IAC 304.125
Total Residual Chlorine					0.05	40 CFR 125.3
Oil & Grease	5.9	12	40 CFR 433	15	30	35 IAC 304.124
Total Suspended Solids	7.1	14	40 CFR 433	15	30	35 IAC 304.124
Chromium (Total)	0.39	0.64	40 CFR 433	1	2	35 IAC 304.124
Chromium (Hexavalent)	0.06	0.19	35 IAC 304.124	0.1	0.2	35 IAC 304.124
Cadmium	0.06	0.16	40 CFR 433	0.15	0.3	35 IAC 304.124
Lead	0.1	0.16	40 CFR 433	0.2	0.4	35 IAC 304.124
Nickel	0.55	0.92	40 CFR 433	1	2	35 IAC 304.124
Silver	0.06	0.1	40 CFR 433	0.1	0.2	35 IAC 304.124
Zinc	0.34	0.6	40 CFR 433	1	2	35 IAC 304.124
Copper	0.31	0.92	40 CFR 122.44(l)	0.5	0.508	40 CFR 122.44(l)
Cyanide (Total)	0.06	0.19	35 IAC 304.124	0.1	0.2	35 IAC 304.124
Total Toxic Organics		0.49	40 CFR 433		2.13	40 CFR 433
Boron					Monitor Only	35 IAC 309.146
PFAS					Report	35 IAC 309.146

PARAMETER	LOAD LIMITS lbs/day		REGULATION	CONCENTRATION		REGULATION
	<u>DAF (DMF)</u>			<u>LIMITS mg/l</u>		
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
<u>Outfall 002:</u>						
Flow (MGD)						35 IAC 309.146
pH				6.0-9.0		35 IAC 304.125
Temperature						35 IAC 302.211
Total Residual Chlorine					0.05	40 CFR 125.3

Load Limit Calculations:

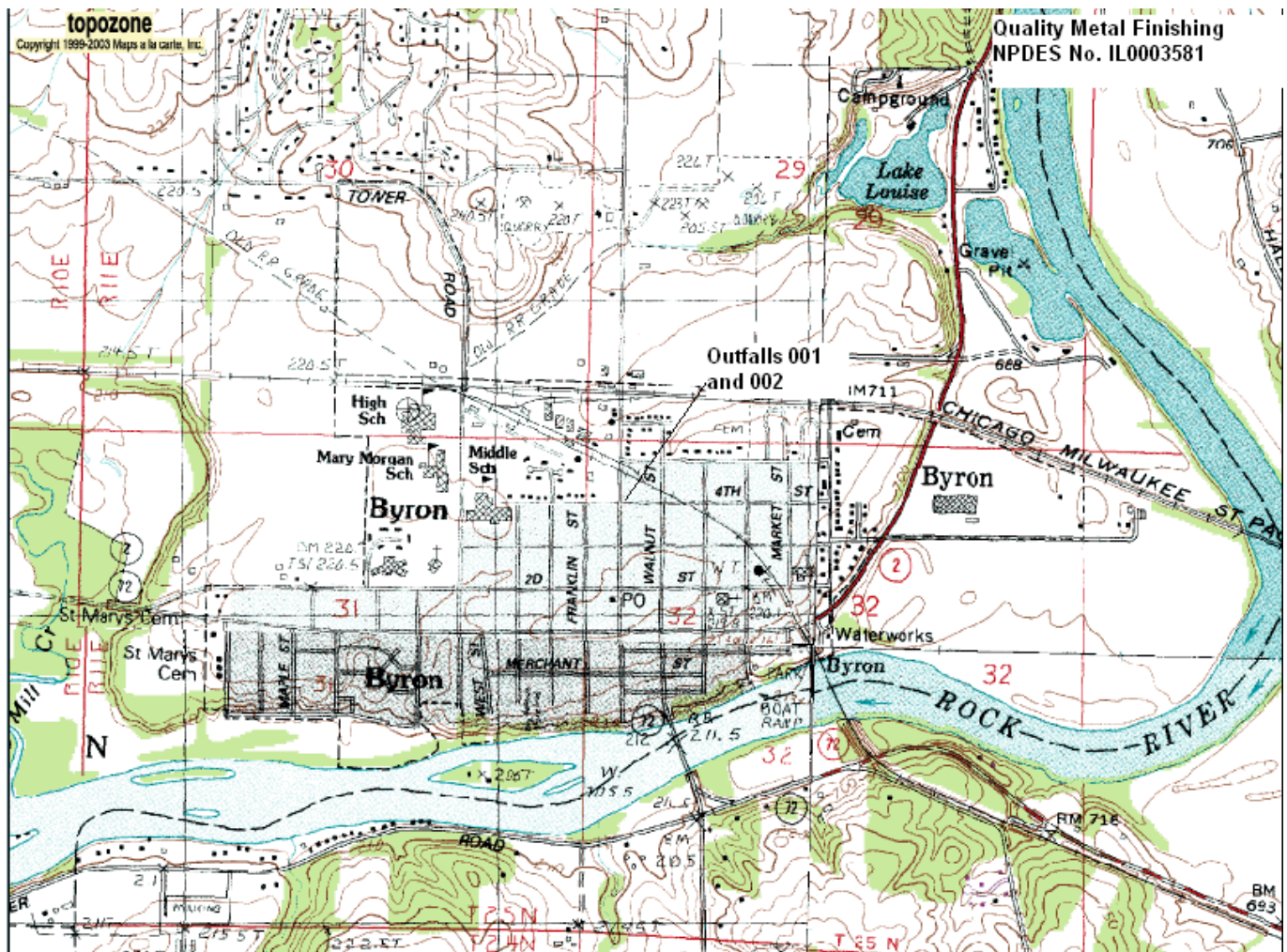
- A. Load limit calculations for the following pollutant parameters were based on a design average flow of 0.0754 MGD and a design maximum flow of 0.115 MGD using the formula of average or maximum flow (MGD) X concentration limit (mg/l) X 8.34 = the average or maximum load limit (lbs/day): Oil & Grease, Total Suspended Solids, Chromium (Total), Chromium (Hexavalent), Cadmium, Lead, Nickel, Silver, Zinc, Copper, Cyanide (Total).
- B. Load limit calculations for the following pollutant parameters were based on a average flow of 0.0276 MGD using the formula of average or maximum flow (MGD) X concentration limit (mg/l) X 8.34 = the average or maximum load limit (lbs/day): Oil & Grease, Total Suspended Solids, Chromium (Total), Cadmium, Lead, Nickel, Silver, Zinc, Copper, Cyanide (Total), and Total Toxic Organics.

The load limits appearing in the permit will be the more stringent of the State and Federal Guidelines.

The Special Conditions clarify flow, pH, temperature, total residual chlorine, monitoring location, mixing zone for boron, total toxic organics plan, and discharge monitoring report submission.

Process wastewater is treated at their wastewater treatment plant which consists of pH adjustment, equalization, clarification, filter press, sand filter, and dechlorination.

To address Per-and polyfluoroalkyl substance (PFAS) under the NPDES permit program the Illinois Environmental Protection Agency (IEPA), Bureau of Water, Permit Section has implemented a PFAS Reduction Initiative. Under this initiative, facilities with SIC codes that have been identified by USEPA as having the potential to use and/or discharge PFAS compounds are being required by IEPA to perform monitoring for PFAS compounds in their discharges and to implement Best Management Practices (BMP's) to reduce the potential for discharging PFAS to surface waters. The SIC code 3471 is on the USEPA list of SIC codes which indicates the need for both PFAS monitoring and the development and implementation of BMP's. Monitoring for PFAS has been added to the effluent limitations, monitoring, and reporting page(s) for outfall 001, and Special Conditions 15 and 16 have been added to the permit as well.



NPDES Permit No. IL0003581

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date:

Issue Date:

Effective Date:

Name and Address of Permittee:

Quality Metal Finishing
421 North Walnut Street
Byron, Illinois 61010

Facility Name and Address:

Quality Metal Finishing
421 North Walnut Street
Byron, Illinois 61010
(Ogle County)

Discharge Number and Name:

001 Treated Process Water
002 Non-Contact Cooling Water

Receiving Waters:

Rock River
Rock River

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Darin E. LeCrone, P.E.
Manager, Permit Section
Division of Water Pollution Control

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NPDES Permit No. IL0003581

Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE	
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM			
<u>Outfall 001 – Treated Process Water</u> (DAF = 0.0754 MGD)							
The discharge consists of:							
1. Plating Line #1 Wastewater							
2. Re-Plating Wastewater							
Flow (MGD)	See Special Condition 1.				1/Week	Measure	
pH	See Special Condition 2.				1/Week	Grab	
Total Residual Chlorine	See Special Condition 4.				0.05	1/Month	Grab
Oil & Grease	5.9	12	15	30	2/Year	24-Hour Comp	
Total Suspended Solids	7.1	14	15	30	1/Week	24-Hour Comp	
Chromium (Total)	0.39	0.64	1	2	1/Week	24-Hour Comp	
Chromium (Hexavalent)	0.06	0.19	0.1	0.2	1/Month	24-Hour Comp	
Cadmium	0.06	0.16	0.15	0.3	2/Year	24-Hour Comp	
Lead	0.1	0.16	0.2	0.4	2/Year	24-Hour Comp	
Nickel	0.55	0.92	1	2	1/Week	24-Hour Comp	
Silver	0.06	0.1	0.1	0.2	2/Year	24-Hour Comp	
Zinc	0.34	0.6	1	2	1/Week	24-Hour Comp	
Copper	0.31	0.92	0.5	0.508	1/Week	24-Hour Comp	
Cyanide (Total)	0.06	0.19	0.1	0.2	1/Week	24-Hour Comp	
Total Toxic Organics***		0.49		2.13	1/Quarter	24-Hour Comp	
Boron**			Monitor Only		2/Year	24-Hour Comp	
PFAS****			Report		1/Quarter	Grab	

* - See Special Condition 12.

** - See Special Condition 13.

*** - See Special Condition 14.

**** - See Special Conditions 15 & 16

NPDES Permit No. IL0056057

Special Conditions

NPDES Permit No. IL0003581

Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharges shall be monitored and limited at all times as follows:

PARAMETER	LOAD LIMITS lbs/day <u>DAF (DMF)</u>		CONCENTRATION <u>LIMITS mg/l</u>		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
<u>Outfall 002</u> – Non-Contact Cooling Water* (Average Flow = 0.1 MGD)						
Flow (MGD)	See Special Condition 1.				1/Month	Measure
pH	See Special Condition 2.				1/Month	Grab
Temperature	See Special Condition 3.				1/Month	Grab
Total Residual Chlorine	See Special Condition 4.			0.05	1/Month	Grab

* - See Special Condition 9.

Special Conditions

SPECIAL CONDITION 1. Flow shall be measured in units of Million Gallons per Day (MGD) and reported as a monthly average and daily maximum on the Discharge Monitoring Report.

SPECIAL CONDITION 2. The pH shall be in the range 6.0 to 9.0. The monthly minimum and monthly maximum values shall be reported on the DMR form.

SPECIAL CONDITION 3. This facility is not allowed any mixing with the receiving stream in order to meet applicable water quality thermal limitations. Therefore, discharge of wastewater from this facility must meet the following thermal limitations prior to discharge into the receiving stream.

- A. The discharge must not exceed the maximum limits in the following table during more than one percent of the hours in the 12 month period ending with any month. Moreover, at no time shall the water temperature of the discharge exceed the maximum limits in the following table by more than 1.7° C (3° F).

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
°F	60	60	60	90	90	90	90	90	90	90	90	60
°C	16	16	16	32	32	32	32	32	32	32	32	16

- B. In addition, the discharge shall not cause abnormal temperature changes that may adversely affect aquatic life unless caused by natural conditions.
- C. The discharge shall not cause the maximum temperature rise above natural temperatures to exceed 2.8° C (5° F).
- D. The monthly maximum value shall be reported on the DMR form.

SPECIAL CONDITION 4. All samples for Total Residual Chlorine shall be analyzed by an applicable method contained in 40 CFR 136, equivalent in accuracy to low-level amperometric titration or other methods found in Standard Methods for Examination of Water and Wastewater, current edition. Any analytical variability of the method used shall be considered when determining the accuracy and precision of the results.

SPECIAL CONDITION 5. Samples taken in compliance with the effluent monitoring requirements for outfall 002 shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 6. Samples taken in compliance with the effluent monitoring requirements for outfall 001 shall be taken at a point representative of the discharge, but prior to combining with non-contact cooling water and prior to entry into the stream.

SPECIAL CONDITION 7. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) electronic forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA beginning December 21, 2016 unless a waiver has been granted by the Agency. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, <https://www2.illinois.gov/epa/topics/water-quality/surface-water/netdmr/Pages/quick-answer-guide.aspx>.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees that have been granted a waiver shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
 Division of Water Pollution Control
 Attention: Compliance Assurance Section, Mail Code # 19
 1021 North Grand Avenue East
 Post Office Box 19276
 Springfield, Illinois 62794-9276

SPECIAL CONDITION 8. The use or operation of this facility shall be by or under the supervision of a Certified Class K operator.

Special Conditions

SPECIAL CONDITION 9. For the purpose of this permit, the discharge 002 is limited to non-contact cooling water, free from process and other wastewater discharges. In the event that the permittee shall require the use of water treatment additives, the permittee must request a modification of this permit in accordance with the Standard Conditions -- Attachment H.

SPECIAL CONDITION 10. In addition to other requirements of this permit, no effluent shall contain settleable solids, floating debris, visible oil, grease, scum, or sludge solids. Color, odor, and the turbidity shall be reduced to below obvious levels.

SPECIAL CONDITION 11. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 12. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

SPECIAL CONDITION 13. A mixing zone is recognized for Boron with dimensions extending 20 feet across the width of the river and 20 feet downstream. Within the mixing zone at least 40:1 dilution is afforded.

SPECIAL CONDITION 14. TOTAL TOXIC ORGANIC MANAGEMENT PLAN

The permittee does not currently use or store any chemicals outlined on the Total Toxic Organic (TTO) list contained in 40 CFR 433. In the event that the permittee shall store or use any chemicals outlined on the TTO list contained in 40 CFR 433, the permittee must request a modification of this permit in accordance with the Standard Conditions -- Attachment H.

Following implementation of the Total Toxic Organic Management Plan the permittee may make the following certification statement in lieu of monitoring for TTO:

Based on my inquiry of the persons directly for managing compliance with the permit limit for total toxic organic, I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into wastewater has occurred since filing of the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to the Illinois EPA.

This statement is to be included as a comment on the Discharge Monitoring Report if the certification alternative is chosen.

If for any reason the permittee is unable to make the certification statement, monitoring for TTO shall consist of at least two grab samples for volatile pollutants and a 24 hour composite for base neutrals and acid fractions. Sampling shall be performed according to the schedule listed on page two of this permit and commence the first quarter that the certification statement is not made and continue, on a calendar quarter basis, until the certification is resumed.

Special Condition 15.**1) PFAS Sample Frequency and Type of Sample.**

<u>Sampling Point</u>	<u>Sample Frequency</u>	<u>Sample Type</u>	<u>Report</u>
Effluent	Quarterly**	Grab	ng/L

** Quarterly sampling – Testing done during the first quarter (January – March) must be reported on the April Electronic Discharge Monitoring Report (NetDMR), testing done in the second quarter (April – June) must be reported on the July NetDMR, testing done in the third quarter (July – September) must be reported on the October NetDMR, and testing done in the fourth quarter (October – December) must be reported on the January NetDMR.

2) Test results must be reported in nanograms per liter (ng/L) as a daily maximum concentration.

3) Monitoring for Per- and polyfluoroalkyl Substances (PFAS) shall be performed using USEPA 3rd draft test method 1633 or subsequent draft test method. Upon USEPA's final approval and incorporation under 40 CFR 136, the approved method shall be used for PFAS testing.

4) The Minimum Level (ML) of Detection identified in paragraph 6) of this Special Condition is based on the USEPA's 3rd Draft Method 1633, dated December 2022. The permittee shall use these minimum levels of detection until they are replaced by subsequent draft methods, or a final method is defined under 40 CFR 136. At that time of update the permittee shall use the revised minimum level of detection values as part of this permit.

Special Conditions

- 5) Following two years of quarterly sampling, the permittee may request a reduction in testing frequency, or an elimination of testing, by filing an NPDES permit modification request with the Agency. Quarterly sampling shall continue until such time as the Agency modifies the NPDES permit to either reduce or eliminate the quarterly sampling requirement.
- 6) Specific PFAS constituents that must be analyzed for are listed in the following table:

Target Analyte Name	Abbreviation	CAS Number	STORET	Minimum Level (ML) of Detection	
Perfluoroalkyl carboxylic acids				Aqueous (ng/L)	Solids (ng/g)
Perfluorobutanoic acid	PFBA	375-22-4	51522	2.0	0.8
Perfluoropentanoic acid	PFPeA	2706-90-3	51623	2.0	0.4
Perfluorohexanoic acid	PFHxA	307-24-4	51624	2.0	0.2
Perfluoroheptanoic acid	PFHpA	375-85-9	51625	2.0	0.2
Perfluorooctanoic acid	PFOA	335-67-1	51521	2.0	0.2
Perfluorononanoic acid	PFNA	375-95-1	51626	2.0	0.2
Perfluorodecanoic acid	PFDA	335-76-2	51627	2.0	0.2
Perfluoroundecanoic acid	PFUnA	2058-94-8	51628	2.0	0.2
Perfluorododecanoic acid	PFDoA	307-55-1	51629	2.0	0.2
Perfluorotridecanoic acid	PFTTrDA	72629-94-8	51630	2.0	0.2
Perfluorotetradecanoic acid	PFTeDA	376-06-7	51631	2.0	0.2
Perfluoroalkyl sulfonic acids					
Acid Forms					
Perfluorobutanesulfonic acid	PFBS	375-73-5	52602	2.0	0.2
Perfluoropentanesulfonic acid	PFPeS	2706-91-4	52610	2.0	0.2
Perfluorohexanesulfonic acid	PFHxS	355-46-4	52605	2.0	0.2
Perfluoroheptanesulfonic acid	PFHpS	375-92-8	52604	2.0	0.2
Perfluorooctanesulfonic acid	PFOS	1763-23-1	52606	2.0	0.2
Perfluorononanesulfonic acid	PFNS	68259-12-1	52611	2.0	0.2
Perfluorodecanesulfonic acid	PFDS	335-77-3	52603	2.0	0.2
Perfluorododecanesulfonic acid	PFDoS	79780-39-5	52632	2.0	0.2
Fluorotelomer sulfonic acids					
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	4:2FTS	757124-72-4	52605	5.0	0.8
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	6:2FTS	27619-97-2	62606	10	0.8
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	8:2FTS	39108-34-4	52603	10	0.8
Perfluorooctane sulfonamides					
Perfluorooctanesulfonamide	PFOSA	754-91-6	51525	2.0	0.2
N-methyl perfluorooctanesulfonamide	NMeFOSA	31506-32-8	52641	2.0	0.2
N-ethyl perfluorooctanesulfonamide	NEtFOSA	4151-50-2	52642	2.0	0.2
Perfluorooctane sulfonamidoacetic acids					
N-methyl perfluorooctanesulfonamidoacetic acid	NMeFOSAA	2355-31-9	51644	2.0	0.2

Special Conditions

N-ethyl perfluorooctanesulfonamidoacetic acid	NEtFOSAA	2991-50-6	51643	2.0	0.2
Perfluorooctane sulfonamide ethanols					
N-methyl perfluorooctanesulfonamidoethanol	NMeFOSE	24448-09-7	51642	10	2
N-ethyl perfluorooctanesulfonamidoethanol	NEtFOSE	1691-99-2	51641	20	2
Per- and Polyfluoroether carboxylic acids					
Hexafluoropropylene oxide dimer acid	HFPO-DA	13252-13-6	52612	5.0	0.8
4,8-Dioxa-3H-perfluorononanoic acid	ADONA	919005-14-4	52636	5.0	0.8
Perfluoro-3-methoxypropanoic acid	PFMPA	377-73-1	PF002	2.0	0.4
Perfluoro-4-methoxybutanoic acid	PFMBA	863090-89-5	PF006	2.0	0.4
Nonafluoro-3,6-dioxaheptanoic acid	NFDHA	151772-58-6	52626	5.0	0.4
Ether sulfonic acids					
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	9Cl-PF3ONS	756426-58-1	PF003	5.0	0.8
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	11Cl-PF3OUdS	763051-92-9	PF004	5.0	0.8
Perfluoro(2-ethoxyethane)sulfonic acid	PFEESA	113507-82-7	52629	2.0	0.4
Fluorotelomer carboxylic acids					
3-Perfluoropropyl propanoic acid	3:3FTCA	356-02-5	PF001	10	1.0
2H,2H,3H,3H-Perfluorooctanoic acid	5:3FTCA	914637-49-3	PF007	20	5.0
3-Perfluoroheptyl propanoic acid	7:3FTCA	812-70-4	PF005	20	5.0

Special Condition 16: PFAS Minimization Program:

1) PFAS Reduction Initiative:

- a) Within 6 months from the effective date of the permit the Permittee shall develop and implement a PFAS reduction initiative. The reduction initiative must include Best Management Practices (BMP's).
- b) Best Management Practices (BMPs) must include an evaluation based on product substitution, reduction, or elimination of PFAS in discharges as detected by method 1633. When developing a BMP, the following should be considered, at a minimum:
 - i) Evaluation of the potential for the industrial facility to use products containing PFAS or have knowledge or suspect wastewater being discharged under the NPDES permit to contain PFAS.
 - ii) Evaluation of Pollution prevention/source reduction opportunities which may include:
 - (1) Product elimination or substitution when a reasonable alternative to using PFAS is available in the industrial process,
 - (2) Accidental discharge minimization by optimizing operations and good housekeeping practices,
 - (3) Equipment decontamination or replacement (such as in metal finishing facilities) where PFAS products have historically been used to prevent discharge of legacy PFAS following the implementation of product substitution.
 - iii) Identification of the measures being taken to reduce PFAS loading from the facility, and any available information, including facility wastewater testing for PFAS, and/or the loading reduction achieved.
- c) BMP's for PFAS must be reevaluated in accordance with paragraph 1 b) of this Special Condition and updated on an annual basis. The reevaluated BMP's must include any updates made since the previous BMP was submitted.
- d) The Permittee is required to submit a PFAS reduction report annually to the Illinois Environmental Protection Agency at the address indicated under paragraph 2) of this Special Condition, with the first report due 12 months from the permit effective date. Subsequent annual reports shall be due 12 months following the previous report's due date.

Special Conditions

PFAS reduction reports must include the following information:

- i) The name, address, and NPDES permit number of the Permittee,
 - ii) The current BMP for the facility. Reevaluated BMP's must also include all updates made since the previous BMP was submitted.
- 2) The Permittee shall submit the PFAS reduction reports identified under paragraphs 1) of this Special Condition electronically or in writing to the one of the following addresses:
- a) EPA.PrmtSpecCondtns@Illinois.gov, or
 - b) Illinois Environmental Protection Agency
Bureau of Water
Compliance Assurance Section
Mail Code #19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

