



EPA

Chromium Finishing Questionnaire

Title: Template Excel Workbook for Question 39 of the Chromium Finishing Questionnaire
Author: United States Environmental Protection Agency (EPA), Office of Water
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Questionnaire ID: [enter your Questionnaire ID here]

Instruction:

- 1) Enter your Questionnaire ID (provided to you in the notification letter from EPA) into the Questionnaire ID field.
- 2) Complete the Data Table worksheet by entering all pollutant monitoring data for PI 2022. List each individual sampling result in a separate row on the Data Table worksheet and the Field Descriptions worksheet for a description of each field. See the Example workbook for more information.

DO INCLUDE IN YOUR RESPONSE
- All individual sample results for PFAS and non-PFAS parameters.
- Results for wastewater samples collected at any location within the facility and at permitted wastewater outfalls during calendar year 2022. This includes in-plant sampling points and samples of untreated wastewater, wastewater treatment unit influent, wastewater treatment unit effluent, and wastewater that is discharged or transferred off site.
- Results for non-PFAS parameters that are analyzed with a laboratory method/procedure approved in 40 CFR Part 136.
- Results for PFAS and aggregated fluorine parameters (e.g., absorbable organic fluorine, total fluorine) regardless of laboratory method/procedure used to analyze the sample (the analytical method need not be an EPA approved method).
- Detection and nondetection results.

- 3) When you have completed entering all applicable data into the Data Table worksheet with your facility's assigned Questionnaire ID (e.g., "CRF####_Question 39_2022 Mon").
- 4) Upload the completed, renamed file in the file upload/response field for Question 39 : electronic copies of workbooks documents and other attachments via Qualtrics.

to the yellow cell above (Cell B13).

FAS and non-PFAS pollutants for samples collected at the facility in calendar year 2021. The table below specifies what data should be included in your response. See the example worksheet for an example of how to report sample results in the Data Table worksheet.

DO NOT NOT INCLUDE IN YOUR RESPONSE
- Average or aggregated sample results.
- Results for source water samples or groundwater monitoring samples. Only wastewaters that were reported in Section 3 should be included.
- Results for non-PFAS parameters that are analyzed with a laboratory method/procedure not approved in 40 CFR Part 136.
- Results for samples collected and analyzed for purposes of process control.

Click on the file icon, save and close this file. Update the file name to replace the "Questionnaire ID" with your facility name (e.g., "Monitoring Data.xlsx").

39 in Qualtrics. See the General Instructions file for guidance on submitting

Parameter Name	Parameter Type	CAS Registry Number
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Sample Collection Date (mm/dd/yyyy)	Detection Indicator	Measured Value	Reporting Limit (RL) Value
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Unit of Measure	Analytical Method Name	Sample Collection Location Type
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Sample Collection Location Name	Is Data Representative of Typical Wastewater Conditions? (yes/no)
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Sampling or Analysis Notes

Parameter Name
Parameter Type
CAS Registry Number
Sample Collection Date
Detection Indicator
Measured Value
Reporting Limit (RL) Value
Unit of Measure
Analytical Method Name
Sample Collection Location Type
Sample Collection Location Name
Is Data Representative of Typical Wastewater Conditions? (yes/no)
Sampling or Analysis Notes

Name of chemical substance measured, as reported in the original data source. Also known as analyte.
Indicates whether the parameter is a non-PFAS, PFAS, or an aggregated fluorine analyte.
Chemical Abstracts Service (CAS) number specific to each chemical substance (analyte) measured.
Date the sample was collected. Reported as mm/dd/yyyy.
Indicates whether the sample was detected at or above the sample-specific RL, below the sample-specific RL, or was not detected.
Quantifiable concentration of analyte in the sample. Also known as sampling result. If the value was not detected at or above the sample-specific RL, leave this field blank.
Reporting limit. Lowest concentration of an analyte that produces a quantitative result within specified limits of precision and bias. Sometimes referred to as the quantification limit or limit of quantification.
Indicate the unit of measure for the Measured Value and Reporting Limit (RL) Value fields.
Analytical method used to measure/quantify the amount of the specified analyte in the sample.
Indicates whether the sample was collected from an in-plant location or at a permitted outfall.
Sample point identifier or specific location of sample collected as identified in the wastewater flow diagram (Section 4).
Indicates whether the data result provided is representative of typical wastewater conditions. Respondents may also use this flag to identify sample results that are outliers or have quality issues (e.g., includes a quality control flag in the laboratory analytical report. If no is selected, please provide an explanation in the Sampling or Analysis Notes field.
Any additional information describing the individual sample result.

Parameter Name	Parameter Type	CAS Registry Number
Chromium, total (Cr)	Non-PFAS	7440-47-3
Chromium, total (Cr)	Non-PFAS	7440-47-3
Chromium, total (Cr)	Non-PFAS	7440-47-3
Perfluorooctane sulfonate (PFOS)	PFAS	45298-90-6
Perfluorooctane sulfonate (PFOS)	PFAS	45298-90-6
Perfluorooctane sulfonate (PFOS)	PFAS	45298-90-6
Absorbable organic fluorine (AOF)	Aggregated Fluorine	
Absorbable organic fluorine (AOF)	Aggregated Fluorine	
Absorbable organic fluorine (AOF)	Aggregated Fluorine	

Sample Collection Date (mm/dd/yyyy)	Detection Indicator	Measured Value	Reporting Limit (RL) Value
1/15/2022	Detection above RL	225	1
1/15/2022	Detection above RL	30	1
1/15/2022	Detection above RL	15	1
1/15/2022	Detection above RL	25	10
1/15/2022	Detection below RL		10
1/15/2022	Non-detection		10
1/15/2022	Detection above RL	5000	100
1/15/2022	Detection above RL	250	100
1/15/2022	Detection below RL		100

Unit of Measure	Analytical Method Name	Sample Collection Location Type
mg/l	EPA 200.8	In-plant (prior to discharge)
mg/l	EPA 200.8	In-plant (prior to discharge)
mg/l	EPA 200.8	Permitted outfall (final discharge)
ng/l	EPA 1633	In-plant (prior to discharge)
ng/l	EPA 1633	In-plant (prior to discharge)
ng/l	EPA 1633	Permitted outfall (final discharge)
ng/l	EPA 1621	In-plant (prior to discharge)
ng/l	EPA 1621	In-plant (prior to discharge)
ng/l	EPA 1621	Permitted outfall (final discharge)

Sample Collection Location Name	Is Data Representative of Typical Wastewater Conditions? (yes/no)
SP-1	Yes
SP-2	Yes
SP-3	Yes
SP-1	Yes
SP-2	Yes
SP-3	Yes
SP-1	Yes
SP-2	Yes
SP-3	Yes

Sampling or Analysis Notes
Untreated process wastewater
Effluent from GAC units (prior to commingling with nonprocess wastewaters)
Final effluent from wastewater treatment
Untreated process wastewater
Effluent from GAC units (prior to commingling with nonprocess wastewaters)
Final effluent from wastewater treatment
Untreated process wastewater.
Effluent from GAC units (prior to commingling with nonprocess wastewaters)
Final effluent from wastewater treatment

Parameter Type	Detection Indicator	Units of Measure	Sample Collection Location Type
Non-PFAS	Non-detection	mg/l	In-plant (prior to discharge)
PFAS	Detection below RL	µg/l	Permitted outfall (final dis
Aggregated Fluorine	Detection above RL	ng/l	

Is Data Representative of Typical Wastewater Conditions?

Yes

No (specify why in Sampling or Analysis Notes field)