

Table of Contents

Table of Contents	1
NPDES Pretreatment Program Report	2
(Submission #: HPN-NTBY-GQVDZ, version 2)	2
Details	2
Form Input	2
Control Authority Information	2
Contact Information	2
Pretreatment Narrative Summary	3
Results of Sampling at Control Authority POTW (1 of 1)	3
NPDES ID: TN0020613	3
Biosolids	5
Upsets and Exceedances	6
Industrial User Information (1 of 2)	6
Allegion Republic Doors	6
Industrial User Information (2 of 2)	8
Pottery Direct	8
Local Limits	10
SNC Calculations	10
Attachments	11
Internal Data	11
Status History	11
Audit	11
Processing Steps	11
Revisions	12
Agreements and Signature(s)	13

NPDES Pretreatment Program Report

version 1.9

(Submission #: HPN-NTBY-GQVDZ, version 2)

Details

Submitted 10/28/2022 (2 days ago) by Gabrielle Beth Kline

Submission ID HPN-NTBY-GQVDZ

WWTP Name McKenzie STP

FileNet ID 471d3d49-68df-418f-97d8-4b0a0355f370

Status Complete

Form Input

Control Authority Information

Permit Number

TN0020613

Reporting Period Start Date

04/01/2022

Reporting Period End Date

09/30/2022

Wastewater Treatment Plant Name

McKenzie STP

Wastewater Treatment Plant Location

482 Clark Street

Mc Kenzie, TN 38201

Permittee Name (Legal Name)

City of McKenzie

Does this Program have any Significant Industrial Users?

Yes

Contact Information

Person to Contact Concerning this Report

Prefix

Ms.

First Name Last Name

Gabrielle Kline

Title

Pretreatment Coordinator

Company Name

McKenzie Wastewater Treatment Plant

Phone Type Number Extension

Business 731-352-3608

Email

gabbi.kline@cityofmckenzie.com

Address

PO BOX 160

Mc Kenzie, TN 38201

Contact Affiliation Type

PT Coordinator

Pretreatment Narrative Summary

Pretreatment Narrative Summary

[semi-annualoct2022.docx - 10/24/2022 10:22 AM](#)

[Letter to Gabbi 10-22fromdillon.pdf - 10/24/2022 10:22 AM](#)

Comment

The attached letter is an explanation for sampling error

Results of Sampling at Control Authority POTW (1 of 1)

NPDES ID: TN0020613

Reporting period start date

04/01/2022

Reporting period end date

09/30/2022

NPDES ID

TN0020613

Was POTW sampling performed during this reporting period?

Yes

Most recent sampling date during the reporting period

9/13/2022

Report the influent concentrations of each parameter sampled. All sample results should be reported only for sampling conducted in the reporting period.

If a particular pollutant is analyzed more frequently than is required, the permittee shall report the maximum value during the reporting period and maximum monthly average value in this table, as required in the NPDES permit. If the parameter was only sampled once during the reporting period, please use that value for the maximum value and the maximum monthly average.

If no influent sampling was conducted during the reporting period, leave the following table blank and proceed to the effluent sampling results table.

Results of Influent Sampling at Control Authority POTW

Parameter	BDL	Influent ↕ Max value (mg/l)	BDL	Influent ↕ Max Monthly Average (mg/l)	Protection criteria (mg/l)	PC Exceedance
Copper (Cu)	NONE PROVIDED	0.0116	NONE PROVIDED	0.0116	0.05642	No
Chromium III	<	0.003	<	0.003	0.02411	No
Chromium VI	NONE PROVIDED	0.006	NONE PROVIDED	0.006	0.03215	No
Chromium Total	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	No
Nickel (Ni)	NONE PROVIDED	0.00183	NONE PROVIDED	0.00183	0.21670	No
Cadmium (Cd)	<	0.00016	<	0.00016	0.01087	No
Lead (Pb)	NONE PROVIDED	0.000766	NONE PROVIDED	0.000766	0.01846	No
Mercury (Hg)	NONE PROVIDED	0.00000852	NONE PROVIDED	0.00000852	0.00013	No
Silver (Ag)	<	0.000144	<	0.000144	0.00694	No
Zinc (Zn)	NONE PROVIDED	0.0627	NONE PROVIDED	0.0627	0.290	No
Cyanide (Cn)	<	0.00180	<	0.00180	0.01232	No
Phenols, Total	NONE PROVIDED	0.0395	NONE PROVIDED	0.0395	0.10204	No
Toluene	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	No
Benzene	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	No
1,1,1-trichloroethane	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	No
Ethylbenzene	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	No
Carbon tetrachloride	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	No
Chloroform	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	No
Tetrachloroethylene	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	No
Trichloroethylene	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	No
1,2 trans dichloroethylene	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	No
Methylene chloride	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	No
Naphthalene	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	No
Total phthalates	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	No

Report the effluent concentrations of each parameter sampled. All sample results should be reported only for sampling conducted in the reporting period.

If a particular pollutant is analyzed more frequently than is required, the permittee shall report the maximum value during the reporting period and maximum monthly average values in this table, as required in the NPDES permit. If the parameter was only sampled once during the reporting period, please use that value for the maximum value and the maximum monthly average.

If no effluent sampling was conducted during the reporting period, leave the following table blank and proceed to the next section.

Results of Effluent Sampling at Control Authority POTW

Parameter	BDL	Effluent ↻ Max value (mg/l)	BDL	Effluent ↻ Max Monthly Average (mg/l)	Pass Through Limit (mg/l)	PTL Exceedance
Copper (Cu)	NONE PROVIDED	0.0129	NONE PROVIDED	0.0129	0.01862	No
Chromium III	<	0.003	<	0.003	NONE PROVIDED	Yes
Chromium VI	<	0.003	<	0.003	0.01061	No
Chromium Total	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	No
Nickel (Ni)	NONE PROVIDED	0.00203	NONE PROVIDED	0.00203	0.10185	No
Cadmium (Cd)	<	0.000160	<	0.000160	0.00163	No
Lead (Pb)	NONE PROVIDED	0.000566	NONE PROVIDED	0.000566	0.00886	No
Mercury (Hg)	NONE PROVIDED	0.00000583	NONE PROVIDED	0.00000583	0.00005	No
Silver (Ag)	<	0.000144	<	0.000144	0.00118	No
Zinc (Zn)	NONE PROVIDED	0.0844	NONE PROVIDED	0.0844	0.200	No
Cyanide (Cn)	<	0.00180	<	0.00180	0.00494	No
Phenols, Total	<	0.00830	<	0.00830	0.0500	No
Toluene	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	0.0150	No
Benzene	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	0.003	No
1,1,1-trichloroethane	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	0.030	No
Ethylbenzene	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	0.004	No
Carbon tetrachloride	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	0.015	No
Chloroform	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	0.085	No
Tetrachloroethylene	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	0.025	No
Trichloroethylene	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	0.010	No
1,2 trans dichloroethylene	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	0.00150	No
Methylene chloride	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	0.05	No
Naphthalene	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	0.001	No
Total phthalates	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED	0.0645	No

 You are about to report a Pass Through Limit Exceedance.

Biosolids

What does the Control Authority do with biosolids?

Municipal Solid Waste Landfill

Were biosolids/sludge sampled during the reporting period?

No

Upsets and Exceedances

During the reporting period, were there any upsets, protection criteria exceedances, biosolids violations, or pass through limit exceedances?

No

Industrial User Information (1 of 2)

Allegion Republic Doors

Industrial User Site Name

Allegion Republic Doors

Update Industrial User Site Name if the above name is not accurate

NONE PROVIDED

Industrial User Formal Name

Allegion Republic Doors

Industrial User Site Address

155 Republic Dr
McKenzie, TN 38201

Industrial User Type of Ownership

Corporation

Industrial User Contact

Prefix

NONE PROVIDED

First Name Last Name

David Piercey

Title

EHS Manager

Phone Type Number Extension

Business 731-352-1945

Email

David.Piercey@allegion.com

Industrial User Contact Affiliation Type

Official Contact

Receiving WWTP NPDES Permit Number

TN0020613

Primary NAICS Code

Baseboards, metal, manufacturing - 332321

Secondary NAICS Code

NONE PROVIDED

Industrial User Type

CIU (categorical industrial user)

Industrial User Description (Examples: automotive parts, landfill leachate, commercial laundry)

Metal Finishing

Applicable category

PART 433 - Metal finishing point source category

Is the industrial user subject to local limits?

Yes

Is the industrial user subject to local limits that are more stringent than categorical limits?

Yes

Industrial user permit coverage status

Active

Industrial user permit effective date

01/01/2022

Industrial user permit expiration date

12/31/2022

Does the Industrial User track the maximum monthly average process flow rate, average total flow rate, or both?

Average total flow rate

Maximum monthly average total flow rate (GPD)

4,099

Did the industrial user notify the Control Authority of a substantial change in discharge?

No

Date of last industrial user inspection by Control Authority during the reporting period

9/30/2022

Number of inspections at this IU (Industrial User) during the reporting period

1

Number of required sampling events by the Control Authority

1

Number of completed sampling events by Control Authority

1

Number of required industrial user self-monitoring sampling events

2

Number of completed industrial user self-monitoring sampling events

2

Enforcement Actions Taken Against IU (if any)

Enforcement action taken	Number of occurrences
--------------------------	-----------------------

Cash civil penalty assessed (format ex. \$100.00)

NONE PROVIDED

Cash civil penalty collected (format ex. \$100.00)

NONE PROVIDED

Did the industrial user cause or contribute to pass-through, interference, violation of NPDES permit limits, or any other problems associated with POTW discharge?

No

Did the industrial user cause or contribute to interference with the use or disposal of biosolids or sewage sludge or a violation of NPDES permit requirements or EPA's regulations at 40 CFR 503 or any other problems associated with the receiving POTW's sludge/biosolids?

No

Was the industrial user in significant noncompliance (SNC) during the reporting period?

No

Is the industrial user currently subject to an enforceable compliance schedule?

No

Was the industrial user published in the newspaper for SNC during the reporting period?

No

Industrial User Information (2 of 2)

Pottery Direct

Industrial User Site Name

Pottery Direct

Update Industrial User Site Name if the above name is not accurate

NONE PROVIDED

Industrial User Formal Name

Pottery Direct McKenzie, LLC

Industrial User Site Address

1100 ROCHELLE RD
MC KENZIE, TN 38201

Industrial User Type of Ownership

Privately Owned Facility

Industrial User Contact

Prefix

NONE PROVIDED

First Name Last Name

Henk van Woerden

Title

President

Phone Type Number Extension

Business 731-393-1400 260

Email

h.vanwoerden@potterydirect.com

Industrial User Contact Affiliation Type

Official Contact

Receiving WWTP NPDES Permit Number

TN0020613

Primary NAICS Code

Advanced/technical ceramic product manufacturing - 327110

Secondary NAICS Code

NONE PROVIDED

Industrial User Type

SN (significant non-categorical)

Industrial User Description (Examples: automotive parts, landfill leachate, commercial laundry)

flowerpots

Is the industrial user subject to local limits?

Yes

Industrial user permit coverage status

Active

Industrial user permit effective date

01/01/2022

Industrial user permit expiration date

12/31/2022

Does the Industrial User track the maximum monthly average process flow rate, average total flow rate, or both?

Average total flow rate

Maximum monthly average total flow rate (GPD)

4,315

Did the industrial user notify the Control Authority of a substantial change in discharge?

No

Date of last industrial user inspection by Control Authority during the reporting period

9/30/2022

Number of inspections at this IU (Industrial User) during the reporting period

1

Number of required sampling events by the Control Authority

1

Number of completed sampling events by Control Authority

1

Number of required industrial user self-monitoring sampling events

2

Number of completed industrial user self-monitoring sampling events

1

Enforcement Actions Taken Against IU (if any)

Enforcement action taken	Number of occurrences
Verbal Warning	1

Cash civil penalty assessed (format ex. \$100.00)

NONE PROVIDED

Cash civil penalty collected (format ex. \$100.00)

NONE PROVIDED

Did the industrial user cause or contribute to pass-through, interference, violation of NPDES permit limits, or any other problems associated with POTW discharge?

No

Did the industrial user cause or contribute to interference with the use or disposal of biosolids or sewage sludge or a violation of NPDES permit requirements or EPA's regulations at 40 CFR 503 or any other problems associated with the receiving POTW's sludge/biosolids?

No

Was the industrial user in significant noncompliance (SNC) during the reporting period?

Yes

CORRECTION REQUEST (APPROVED)

Failure to report self-monitoring is SNC and should be added here

40 CFR 403.8(f)(2)(viii)(F): "Failure to provide, within 45 days after the due date, required reports such as baseline monitoring reports, 90-day compliance reports, periodic self-monitoring reports, and reports on compliance with compliance schedules;"

Created on 10/26/2022 2:56 PM by **Gordon Holcomb**

Select type(s) of SNC

SNC for Reporting Violations

Listing of month(s) in SNC

June

Is the industrial user currently subject to an enforceable compliance schedule?

No

Was the industrial user published in the newspaper for SNC during the reporting period?

No

Local Limits

Were new local limits adopted during the reporting period?

Yes

Local limits adoption date

7/5/2022

If local limits were adopted for new pollutants, list the pollutants

Cadmium
Chromium, hexavalent (as Cr)
Chromium, trivalent (as Cr)
Copper, total (as Cu)
Cyanide, total (as CN)
Lead, total (as Pb)
Mercury, total (as Hg)
Nickel, total (as Ni)
Silver, total (as Ag)
Zinc, total (as Zn)
Phenols

Was a technical evaluation of the need to revise local limits completed during the reporting period?

No

SNC Calculations

Right click and select open link in new window to download.

[SNC Form A for April 1 - September 30 reporting period \(for semi-annual reporters only\)](#)

Right click and select open link in new window to download.

[SNC Form B for October 1 - March 31 reporting period \(for semi-annual reporters only\)](#)

Right click and select open link in new window to download.

[SNC Form C/D for January 1 - December 31 reporting period \(for annual reporters only\)](#)

SNC calculation

NONE PROVIDED

Comment

NONE PROVIDED

CORRECTION REQUEST (APPROVED)**Delete empty form**

Please delete empty form

Created on 10/26/2022 2:57 PM by **Gordon Holcomb**

Attachments

Date	Attachment Name	Context	User
10/24/2022 10:22 AM	Letter to Gabbi 10-22fromdillon.pdf	Attachment	Gabrielle Kline
10/24/2022 10:22 AM	semi-annualoct2022.docx	Attachment	Gabrielle Kline

Internal Data

Label	Value
Permit Number	TN0020613
Site ID	4915
Document Type	Report
Form Name	Pretreatment Annual Report
Form Number	CN-1382
Permit Type	Individual
RDA Number	2367
Class ID	Pretreat AR

Status History

	User	Processing Status
10/28/2022 9:52:53 AM	Gabrielle Beth Kline	Draft
10/28/2022 10:00:38 AM	Gabrielle Beth Kline	Submitting
10/28/2022 10:00:38 AM	Gabrielle Beth Kline	Signing
10/28/2022 10:01:01 AM	Gabrielle Beth Kline	Submitted
10/28/2022 10:01:15 AM	Gabrielle Beth Kline	In Review
10/31/2022 8:22:50 AM	Gordon Holcomb	Complete

Audit

Event	Event Description	Event By	Event Date
Submission Locked	Submission Locked	Gordon Holcomb	10/26/2022 2:56 PM
Submission Unlocked	Submission Unlocked	Gordon Holcomb	10/26/2022 3:06 PM
Submission Locked	Submission Locked	Gordon Holcomb	10/31/2022 8:10 AM

Processing Steps

Step Name	Assigned To/Completed By	Date Completed
Form Submitted	Gabrielle Beth Kline	10/28/2022 10:01:01 AM
Assign NCO Technical Reviewer	Adam Bonomo	10/26/2022 8:32:26 AM
Assign EFO Technical Reviewer	Gregory Overstreet	10/25/2022 10:51:22 AM
NCO Technical Review	Gordon Holcomb	10/31/2022 8:22:50 AM
EFO Technical Review	Gordon Holcomb	10/31/2022 8:22:47 AM
Submission Deemed Complete	Gordon Holcomb	10/31/2022 8:22:50 AM

Revisions

Revision	Revision Date	Revision By
Revision 1	10/24/2022 10:18 AM	Gabrielle Beth Kline
Revision 2	10/28/2022 9:52 AM	Gabrielle Beth Kline

Agreements and Signature(s)

SUBMISSION AGREEMENTS

- I am the owner of the account used to perform the electronic submission and signature.
- I have the authority to submit the data on behalf of the facility I am representing.
- I agree that providing the account credentials to sign the submission document constitutes an electronic signature equivalent to my written signature.
- I have reviewed the electronic form being submitted in its entirety, and agree to the validity and accuracy of the information contained within it to the best of my knowledge.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system or are directly responsible for gathering the information, the submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. A false statement is subject to the penalties of perjury.

Signed Gabrielle Beth Kline on 10/28/2022 at 10:00 AM
By

PRETREATMENT NARRATIVE

SUMMARY

During this semi-annual report period, we received final approval for our Plant Protection Criteria and Local Limits. New permits were issued to our industries reflecting the new limits. Changes were also made to our semi-annual report form for control authority sampling.

Pottery Direct received a verbal warning for failure to sample during the second quarter. I will attach a copy of the letter of explanation with this report.

I would like to note that Mercury results are in ng/L and converted to mg/L on the sampling form.



October 19, 2022

Gabrielle Kline

Plant Operator/Pretreatment Coordinator

McKenzie WWTP

Dear Mrs. Kline,

As you know, we had a missed wastewater testing for Quarter 2. This was due to miscommunication between ourselves and our testing company. This issue was caused by an internal staffing issue that led to a different person being responsible for our wastewater obligations. We apologize for this misstep and have taken actions to insure this does not happen again in the event of other internal or external changes.

Cordially Yours,

Dillon Burden

Pottery Direct McKenzie, LLC
1100 Rochelle Road
McKenzie, TN 38201

T. 731-393-1400
info@potterydirect.com