



Tennessee Department of Environment and Conservation

Division of Water Resources

401 Church Street, 6<sup>th</sup> Floor L & C Annex

Nashville, TN 37243-1534

(615) 532-0625

APR 28 2023

Division of Water Resources  
Jackson Field Office

## CONTROL AUTHORITY PRETREATMENT SEMI-ANNUAL/ANNUAL REPORT

**Control Authority Identification:**


Control Authority Name :	City of Bells			
Report Date :	April 27, 2023			
Reporting Period Covered by this report	From	October 2022	To	March 2023
Reporting Period Covered by previous report	From	April 2022	To	September 2022

Name of Wastewater Treatment Plant(s)	NPDES Permit No.
1. City of Bells, Tennessee Lagoon System	TN0026247
2.	
3.	
4.	
5.	

Person to contact concerning this report: Marlon C. Jordan, Jr.	Title or Position: POTW Superintendent		
Mailing Address: Bells City Hall P.O. Box 760	City: Bells	State: Tn.	Zip: 38006
Phone number(s): 731-663-2334	E-mail (optional): bellsww@bellsouth.net		
Fax number (optional): 731-663-2974	Website (optional):		

**Report Certification:**(must be signed in accordance with the requirements of Tennessee Rule 1200-4-14-.12(13))

"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."

Name: (print or type) Marlon C. Jordan, Jr.	Title: (print or type) POTW Superintendent
Signature: 	Date: April 27, 2023

RECEIVED

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## Pretreatment – Narrative Summary

### RESULTS OF ANALYSIS

Waypoint Analytical completed the testing of our samples for this report. All test data was within parameters limits.

### INDUSTRIAL VIOLATIONS

The Pictsweet Company performed self-monitoring testing on 12/2/2022 and the BOD tested at 750 mg/l which is high for the Monthly Average Concentration of less than 500 mg/l.

The CA tested Pictsweet on 1/25/2023 and 3/15/2023 and the E-coli tested high at >2419.6 ml.

### LAGOON TREATMENT MODIFICATIONS

There were no modifications made during this period.

## Form 1a

### Results of Sampling at Control Authority

Sample Date(s):4/18/2023

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Parameter	Influent (mg/l)	Protection criteria (mg/l)	Effluent (mg/l)	Pass Through Limit (mg/l)	Removal Rate (%)
Copper (Cu)	0.0063	0.33	0.0064	0.08000	
Chromium III	<0.01	Report	<0.01	Report Only	
Chromium VI	<0.010	0.0894	<0.010	0.08870	
Chromium Total	<0.0014	0.0894	<0.0014	0.08942	
Nickel (Ni)	0.0008	0.31	0.0013	0.18000	
Cadmium (Cd)	<0.0003	0.0051	<0.0003	0.00164	
Lead (Pb)	<0.0029	0.0487	<0.0029	0.02549	
Mercury (Hg)	<0.00013	0.001	<0.00013	0.00040	
Silver (Ag)	<0.0013	0.0035	<0.0013	0.00147	
Zinc (Zn)	0.0182	1.261	0.0228	0.20000	
Cyanide (Cn)	<0.005	0.052	<0.005	0.02586	
Phenols, Total	0.008	0.1	<0.005	0.05000	
Toluene					
Benzene					
1,1,1-trichloroethane					
Ethylbenzene					
Carbon tetrachloride					
Chloroform					
Tetrachloroethylene					
Trichloroethylene					
1,2 trans dichloroethylene					
Methylene chloride					
Naphthalene					
Total phthalates					

Include any parameters sampled in the reporting period including the routine semiannual sampling as well as the effluent sampling specified in Section III of the National Pollution Discharge Elimination System (NPDES) permit, including applicable toxic organics (i.e., toluene, benzene, 1,1,1 – trichloroethane and chloroform).

**You must sample for all parameters in your NPDES Permit at the required frequency (See Part 3 of your NPDES permit for required pretreatment monitoring).**

**Form 1b****Biosolids**

What does the Control Authority do with the sludge/biosolids? Lagoon

If biosolids are land-applied, please fill out the following Table.

<b>Parameter</b>	<b>Biosolids Concentration (mg/kg)</b>	<b>503 Table 1 limits Ceiling Concentration (mg/kg)</b>	<b>503 Table 3 limits Monthly Ave. (mg/kg)</b>
Arsenic		75	41
Cadmium		85	39
Copper		4300	1500
Lead		840	300
Mercury		57	17
Molybdenum		75	N/A
Nickel		420	420
Selenium		100	100
Zinc		7500	2800

Were there any samples of biosolids that exceeded the ceiling concentrations from 40 CFR Part 503 (Table 1)?

What date(s)?

**Form 2**

**Report of Upsets, Protection Criteria Violations, Biosolids Violations and Pass-Through Limit Violations**

Type of Incident	Date	Explanation of Incidents	Corrective Action Taken
None			

\* Give a detailed explanation of the causes of the incident and the corrective action taken to date. The corrective action should also include any plans the Control Authority has to identify or correct the problem. If there is not enough room on this form, include the information in the Narrative Summary.



<b>Form 4</b>				
<b>Industrial User Monitoring Report</b>				
<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>	<b>Column 4</b>	<b>Column 5</b>
<b>Industrial User Name and Mailing Address</b>	<b>Control Authority Inspection Date(s)</b>	<b>Control Authority Sampling Frequency</b>	<b>Control Authority Sampling Date(s)</b>	<b>SIU Self-Monitoring Dates(s)</b>
Pictsweet Frozen Foods	1/30/2023	At least 1 every 6 months	1/25/2023 3/15/2023	10/7/22 11/4/22
			Ammonia Only Testing by CA	12/2/22 1/11/23
			10/8/22 10/13/22 10/17/22 10/24/22	2/7/23 3/8/23
			11/3/22 11/7/22 11/14/22 11/21/22 11/28/22	
			12/5/22 12/12/22 12/19/22 12/29/22	
			1/3/23 1/9/23 1/17/23 1/23/23	
			2/3/23 2/6/23 2/13/23 2/23/23 2/27/23	
			3/6/23 3/13/23 3/20/23 3/27/23	







## Form 5b Industrial User Compliance Report

Semi-annual reporters only must complete this form  
(For semi-annual reporting period October 1, 2022 – March 31, 2023)

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
	July – September	October – December	Jan – March	July – December	October – March
	Parameters Violated (conc/limit)	Parameters Total Violated (conc/limit)	Parameters Total Violated (conc/limit)	Chronic Vio 1. (Yes or No)	Chronic Vio 1. (Yes or No)
	Total Number of Samples	Total Number of Samples	Total Number of Samples	TRCViol. (Yes or No)	TRCViol. (Yes or No)
Picksweet Frozen Foods	1	1	2	No	No
	17	16	18	No	No
		12/2/22 BOD 750/500	1/25/23 E-coli >2419.6		
			3/15/23 E-coli >2419.6		

Use one line for each parameter for each SIU with violations, showing whether a Technical Review Criteria (TRC) or Chronic Violation resulted: Yes for violations resulting in TRC or Chronic – both are Significant Non-Compliance (SNC) or No for violations not resulting in TRC/Chronic Violations. Please note that monthly average and daily maximum for a specific parameter are considered to be separate limitations. Therefore, SNC would be calculated separately for each limitation. “Conc” stands for concentration.







401

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**PRETREATMENT SEMI-ANNUAL/ANNUAL REPORT**

<p align="center"><b>Form 6</b></p> <p align="center"><b>Enforcement and Compliance</b></p>					
Industrial User	Verbal Warnings (1) (Enter Number)	Notice of Violation (Enter Number)	Compliance Schedule Conformity (2)	Administrative Orders (Enter Number)	Number of Violations Resolved

Pictsweet Frozen Foods	1	0	No	0	1

**1 Verbal warnings include phone calls and site visit discussions.**

**2 Use the following code:**  
 In compliance with schedule = Yes  
 Out of compliance with schedule = No  
 Facility not on a schedule = NA

**Note: Describe compliance schedule in a footnote or in the Narrative Summary, giving the date issued, the violation and due dates for major milestones.**

## Form 7 Pretreatment Performance Summary

<b>I. General Information</b>		
Control Authority Name: City of Bells		
Address: Bells City Hall P.O. Box 760		City: Bells, Tn.38006
Contact Person: Marlon C. Jordan, Jr.		Contact Phone Number: 731-663-2334
Reporting Period: October 2022 to March 2023		NPDES Number: TN0026247
Number of Categorical SIUs:	Number of Non-Categorical SIUs:	Total Number of SIUs:
	1	1

<b>II. Significant Industrial Compliance</b>	<b>SIUs</b>	
	Categorical	Non- Categorical
1) No. of SIUs in Significant Non-compliance (SNC)		0
2) Reasons for Significant Non-compliance (SNC)		0

a) In SNC for Violations of pretreatment standards		0
b) In SNC for Reporting Violations		0
c) In SNC for Compliance Schedule Violations		0
d) In SNC for Other (explain in Narrative Summary)		0

III. Monitoring	SIUs	
	Categorical	Non- Categorical
1) Facilities Monitored by CA (samples analyzed for all SIU permit parameters):		
a) No. of SIUs Sampled by the Control Authority (CA)		1
b) No. of SIUs Inspected by the CA		1
2) Total Monitoring Events:		
a) No. of Samples by the CA		2
b) No. of Inspections by the CA		1
3) How many SIUs do not have a current control mechanism (permit)		0

IV. Enforcement	SIUs	
	Categorical	Non- Categorical
1) SIUs Subject to Any Enforcement Actions (include verbal warnings		1
2) SIUs Listed in the Newspaper for SNC in this period		0
3) Notices of Violations Issued *		0
4) Administrative Orders Issued *		0
5) No. of SIUs on Compliance Schedules (anytime in period)		0
6) Suits Filed:		
a) Civil Suits *		0
b) Criminal Suits *		0
7) Other Actions Taken (sewer bans, etc. but not verbals) *		0
8) Penalties Collected: (not surcharges)		
a) No. of SIUs from whom penalties were collected		0
b) Total Dollars (\$) collected in the period		0

\* Enter the number of ACTIONS, not the number of SIUs