

**NPDES Sample Results
Outfall 005 Monthly Average and Daily Maximum**

	Cyanide (µg/L)		Fluoride (mg/L)	
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum
Limit	5.0	46.6	1.8	24.0
August 2019	6.8	6.8	2.0	2.0
September 2019	0.0	0.0	2.4	2.4
October 2019	5.0	10.0	1.7	1.7
November 2019	0.0	0.0	2.0	2.4
December 2019	5.5	26.0	0.92	0.92
January 2020	6.1	13.0	1.4	1.4
February 2020	2.9	5.8	1.8	2.3
March 2020	32.0	32.0	2.0	2.3
April 2020	0.0	0.0	1.8	1.8
May 2020	0.0	0.0	1.6	2.1
June 2020	0.0	0.0	2.2	2.4
July 2020	9.1	9.5	2.1	2.6
August 2020	0.0	0.0	2.3	2.4
September 2020	0.0	0.0	1.8	1.8
October 2020	0.0	0.0	1.2	1.2
November 2020	0.0	0.0	1.6	1.9
December 2020	0.0	0.0	1.8	1.8
January 2021	0.0	0.0	1.7	1.7
February 2021	3.7	7.3	1.5	1.5
March 2021	0.0	0.0	1.6	1.6
April 2021	8.2	9.6	1.9	2.1
May 2021	0.0	0.0	2.4	2.4
June 2021	0.0	0.0	2.2	2.5
July 2021	0.0	0.0	2.1	2.4
August 2021	4.1	10.0	2.2	2.4

Notes

Limits based on Permit NC0004308: Effective August 1, 2019 - October 31, 2022.
 Outfalls have different monitoring requirements (monthly, bi-monthly, quarterly, etc.).
 Blanks indicate the outfall was not sampled that particular month.
 mg/L means milligrams per liter; µg/L means micrograms per liter.

**NPDES Sample Results
Outfall 011 Monthly Average and Daily Maximum**

	Cyanide (µg/L)		Fluoride (mg/L)	
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum
Limit	NA	46.6	NA	24.0
August 2019	0.0	0.0	0.74	0.74
September 2019				
October 2019	6.2	6.2	0.59	0.59
November 2019				
December 2019				
January 2020	0.0	0.0	0.44	0.44
February 2020	5.4	5.4	0.48	0.48
March 2020				
April 2020	11.0	11.0	0.41	0.41
May 2020	0.0	0.0	0.43	0.43
June 2020	35.0	35.0	1.4	1.4
July 2020	0.0	0.0	0.67	0.67
August 2020				
September 2020	2.2	2.2	0.61	0.61
October 2020	17.0	17.0	0.66	0.66
November 2020	0.0	0.0	0.58	0.58
December 2020				
January 2021				
February 2021				
March 2021				
April 2021				
May 2021				
June 2021				
July 2021				
August 2021	0.0	0.0	0.69	0.69

Notes

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**NPDES Sample Results
Outfall 012 Monthly Average and Daily Maximum**

	Cyanide (µg/L)		Fluoride (mg/L)	
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum
Limit	242.0	285.0	NA	NA
August 2019	0.0	0.0	1.3	1.3
September 2019	0.0	0.0		
October 2019	0.0	0.0	1.0	1.0
November 2019	21.0	21.0		
December 2019	8.6	8.6		
January 2020	88.0	88.0	1.1	1.1
February 2020	210.0	210.0		
March 2020	29.0	29.0		
April 2020	0.0	0.0	0.91	0.91
May 2020	0.0	0.0		
June 2020	18.0	18.0		
July 2020	0.0	0.0	0.83	0.83
August 2020	0.0	0.0		
September 2020	51.0	51.0		
October 2020	11.0	11.0	0.84	0.84
November 2020	0.0	0.0		
December 2020	0.0	0.0		
January 2021	78.0	78.0	0.87	0.87
February 2021	81.0	81.0		
March 2021	32.5	46.0	1.1	1.1
April 2021	9.4	9.4	0.72	0.72
May 2021	0.0	0.0		
June 2021	0.0	0.0		
July 2021	0.0	0.0	1.0	1.0
August 2021	6.2	6.2		

Notes

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**NPDES Sample Results
Outfall 013 Monthly Average and Daily Maximum**

	Cyanide (µg/L)		Fluoride (mg/L)	
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum
Limit	5.0	46.6	NA	NA
August 2019	9.0	18.0	0.35	0.35
September 2019	0.0	0.0		
October 2019	0.0	0.0	0.43	0.43
November 2019	0.0	0.0		
December 2019	3.7	11.0		
January 2020	4.3	13.0	0.47	0.47
February 2020	0.0	0.0		
March 2020	16.0	16.0		
April 2020	0.0	0.0	0.34	0.34
May 2020	0.0	0.0		
June 2020	0.0	0.0		
July 2020	3.2	32.0	0.38	0.38
August 2020	0.0	0.0		
September 2020	0.0	0.0		
October 2020	0.0	0.0	0.45	0.45
November 2020	0.0	0.0		
December 2020	0.0	0.0		
January 2021	0.0	0.0	0.30	0.30
February 2021	4.8	9.5		
March 2021	0.0	0.0	0.20	0.20
April 2021	0.0	0.0	0.19	0.19
May 2021	0.0	0.0		
June 2021	0.0	0.0		
July 2021	0.0	0.0	0.33	0.33
August 2021	0.0	0.0		

Notes

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NPDES Sample Results
Mixing Zone Sampling Location MZ1

	MZ1A		MZ1B	
	Cyanide (µg/L)	Fluoride (mg/L)	Cyanide (µg/L)	Fluoride (mg/L)
August 2019	ND	ND	ND	ND
September 2019	ND	ND	ND	ND
October 2019	ND	ND	ND	ND
November 2019	ND	ND	ND	ND
December 2019	9.0	ND	8.1	ND
January 2020	ND	ND	ND	ND
February 2020	ND	ND	ND	ND
March 2020	ND	ND	ND	ND
April 2020	ND	ND	ND	ND
May 2020	ND	ND	ND	ND
June 2020	ND	ND	ND	ND
July 2020	ND	ND	ND	ND
August 2020	ND	ND	ND	ND
September 2020	ND	ND	ND	ND
October 2020	ND	ND	ND	ND
November 2020	ND	ND	ND	ND
December 2020	ND	ND	ND	ND
January 2021	ND	0.13	ND	ND
February 2021	ND	ND	ND	ND
March 2021	ND	ND	ND	ND
April 2021	ND	ND	ND	ND
May 2021	ND	ND	ND	ND
June 2021	ND	ND	ND	ND
July 2021	ND	0.11	ND	ND
August 2021	ND	0.12	ND	ND
September 2021	ND	0.13	ND	ND

Notes:

"A" samples are collected at the surface.

"B" samples are collected at approximately 3.5 meters below the surface.

ND means not detected at the laboratory reporting limit.

µg/L means micrograms per liter; mg/L means milligrams per liter.

NPDES Sample Results
Mixing Zone Sampling Location MZ2

	MZ2A		MZ2B	
	Cyanide (µg/L)	Fluoride (mg/L)	Cyanide (µg/L)	Fluoride (mg/L)
August 2019	ND	ND	ND	ND
September 2019	ND	ND	ND	ND
October 2019	ND	ND	ND	ND
November 2019	ND	ND	ND	ND
December 2019	ND	ND	ND	ND
January 2020	5.8	ND	5.6	ND
February 2020	ND	ND	ND	ND
March 2020	ND	ND	ND	ND
April 2020	ND	ND	ND	ND
May 2020	ND	ND	ND	ND
June 2020	ND	ND	ND	ND
July 2020	ND	ND	ND	ND
August 2020	ND	ND	ND	ND
September 2020	ND	ND	ND	ND
October 2020	ND	ND	ND	ND
November 2020	ND	ND	ND	ND
December 2020	ND	ND	ND	ND
January 2021	ND	ND	ND	ND
February 2021	7.5	ND	ND	ND
March 2021	ND	ND	ND	ND
April 2021	ND	ND	ND	ND
May 2021	ND	ND	ND	ND
June 2021	ND	ND	ND	ND
July 2021	ND	0.11	ND	0.11
August 2021	ND	0.10	ND	0.10
September 2021	ND	ND	ND	ND

Notes:

"A" samples are collected at the surface.

"B" samples are collected at approximately 3.5 meters below the surface.

ND means not detected at the laboratory reporting limit.

µg/L means micrograms per liter; mg/L means milligrams per liter.

NPDES Sample Results
Mixing Zone Sampling Location MZ3

	MZ3A		MZ3B	
	Cyanide (µg/L)	Fluoride (mg/L)	Cyanide (µg/L)	Fluoride (mg/L)
August 2019	ND	ND	ND	ND
September 2019	ND	ND	ND	ND
October 2019	ND	ND	ND	ND
November 2019	ND	ND	ND	ND
December 2019	ND	ND	8.9	ND
January 2020	7.5	ND	ND	ND
February 2020	ND	ND	8.1	ND
March 2020	ND	ND	ND	ND
April 2020	ND	ND	ND	ND
May 2020	ND	ND	ND	ND
June 2020	ND	ND	ND	ND
July 2020	ND	ND	ND	ND
August 2020	ND	ND	ND	ND
September 2020	ND	ND	ND	ND
October 2020	ND	ND	ND	ND
November 2020	ND	ND	ND	ND
December 2020	ND	ND	ND	ND
January 2021	ND	ND	ND	ND
February 2021	ND	ND	ND	ND
March 2021	ND	ND	ND	ND
April 2021	ND	ND	ND	ND
May 2021	ND	ND	ND	ND
June 2021	ND	ND	ND	ND
July 2021	ND	ND	ND	ND
August 2021	ND	0.10	ND	ND
September 2021	ND	ND	ND	ND

Notes:

"A" samples are collected at the surface.

"B" samples are collected at approximately 3.5 meters below the surface.

ND means not detected at the laboratory reporting limit.

µg/L means micrograms per liter; mg/L means milligrams per liter.